

# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

## Mandatory Disclosure

1. AICTE File No.	:	06/05/AP/ENG/2008/024 Dated 12.06.2009 Permanent ID: 1-1548741
Date & Period of last approval	:	15-06-2020 for the year 2020-21
2. Name of the Institution	:	<b>Dhanekula Institute of Engineering &amp; Technology</b>
Address of the Institution	:	Ganguru Village, Penamaluru Mandalam, Krishna District, Andhra Pradesh.
City & Pin Code	:	Vijayawada-521 139
State / UT	:	Andhra Pradesh
Longitude & Latitude	:	81.250001 & 16.120001
Phone Number	:	83333924842, 83333924843
Office hours at the Institution	:	08:00AM to 06:00PM
Academic hours at the Institution	:	09:00AM to 04:30PM
Email	:	diet2009@rediffmail.com
Website	:	www.diet.ac.in
Nearest Railway Station (distance in Kms)	:	Vijayawada - 15Kms
Nearest Airport (distance in Kms)	:	Gannavaram - 15Kms



Location Map

3. Type of Institution	:	Private-Self Financed
Category (1) of the Institution	:	Non-Minority
Category (2) of the Institution	:	Co-Education

- 4. Name of the organization**  
**Running the Institution** : **Dhanekula Venkata Subbaiah Charitable Trust**  
 Type of the organization : Trust  
 Address of the organization : Registered Office: 40-5-19/1, Siddhartha Road, Venkateswarapuram, Vijayawada - 520 010  
 Registered with : Sub Registrar, Vijayawada  
 Registration date : 455 Dated 13-03-1989  
 Website of the organization : www.diet.ac.in
- 5. Name of the affiliating University** : **JawaharlalNehruTechnological University, Kakinada**  
 Address : Kakinada-533003  
 Website : www.jntuk.edu.in  
 Latest affiliation period : 2018-2021
- 6. Name of Principal/Director** : **Dr.Ravi Kadiyala**  
 Exact Designation : Principal  
 Phone number with STD code : 9441675588, 8333924842  
 FAX number with STD : 08333924842  
 E-mail : diet.principal@gmail.com  
 Highest Degree : Ph.D  
 Field of specialization : Marine & Mechanical (Alternate Fuels)
- 7. Governing Body Members** :

S.No	Name	Representation	Position in Governing Body
1	Sri D Ravindranath Tagore	Agriculturist & Industrialist Chairman DVSCCT	Chair Person
2	Sri D Bhavani Prasad	Agriculturist & Industrialist MD, KaknakaDurga Agro Products	Member
3	Dr. D Nagendra Babu	Agriculturist & Industrialist MD, Ravindra Oils & Solvents	Member
4	Sri D Nagendra Prasad	Entrepreneur MD, Hotel D V Manor	Member
5	Sri D Sai Prasad	Entrepreneur, MD, Satyakala Agro Oil Products	Member
6	Sri D Tirumala Prasad	ENTrepreneur, MD, Automotive Designs	Member
7	Sri Dr. Ramesh UnniKrishnan	SCRO, Hyderabad	AICTE Nominee
8	Dr. T Hanuman Chowdhary	Fellow, Tata Consultancy Systems Director, Centre for Telecommunications Management & Studies, Hyderabad	Member
9	Dr. V S Rao	Acadamecian, Former Director, BITS Pilani Hyderabad	Member
10	Sri DKRK Ravi Prasad	Sr Dy. General Manager Bharat Electronics Limited, Machilipatnam	Member
11	Sri M Narayana Prasad	Industrialist, Narayana Prasad Electrical Works	Member
12	Sri V Padma Rao	Joint Director, O/o CTE, Government of Andhra Pradesh	State Govt. Nominee
13	Sri Dr N Rama Krishnaiah	Associate Professor, CSE, College of Engineering, JNTUK, Kakinada	University Nominee
14	Dr. BVS N Hari Prasad	Professor in Mathematics, Dhanekula Institute of Engineering & Technology	Member

15	Smt V Bindu	Assistant Professor in EEE, Dhanekula Institute of Engineering & Technology	Member
16	Dr. K Ravi	Principal, Dhanekula Institute of Engineering & Technology	Member Secretary

**Frequency of meetings & Date of last meeting : Once in a Year & 22 February 2020**

### 8. College Academic Council:

#### Functions:

- To review day to day academic, students, faculty development programs and other related activities of the college.
- To visualize and formulate perspective plans, Master Plan for the development and growth of the college.
- To formulate and plan for resource mobilization through industry interaction, consultancy and extra- mural funding.
- To promote research and extension activities, teaching innovations and student placement programs in the college campus.
- To plan for sustaining the quality of education, quality improvement and accreditation of the college.
- To recommend schemes to promote participation of academic departments in community development activities in the region.
- To consider such other activities for furtherance of academic excellence

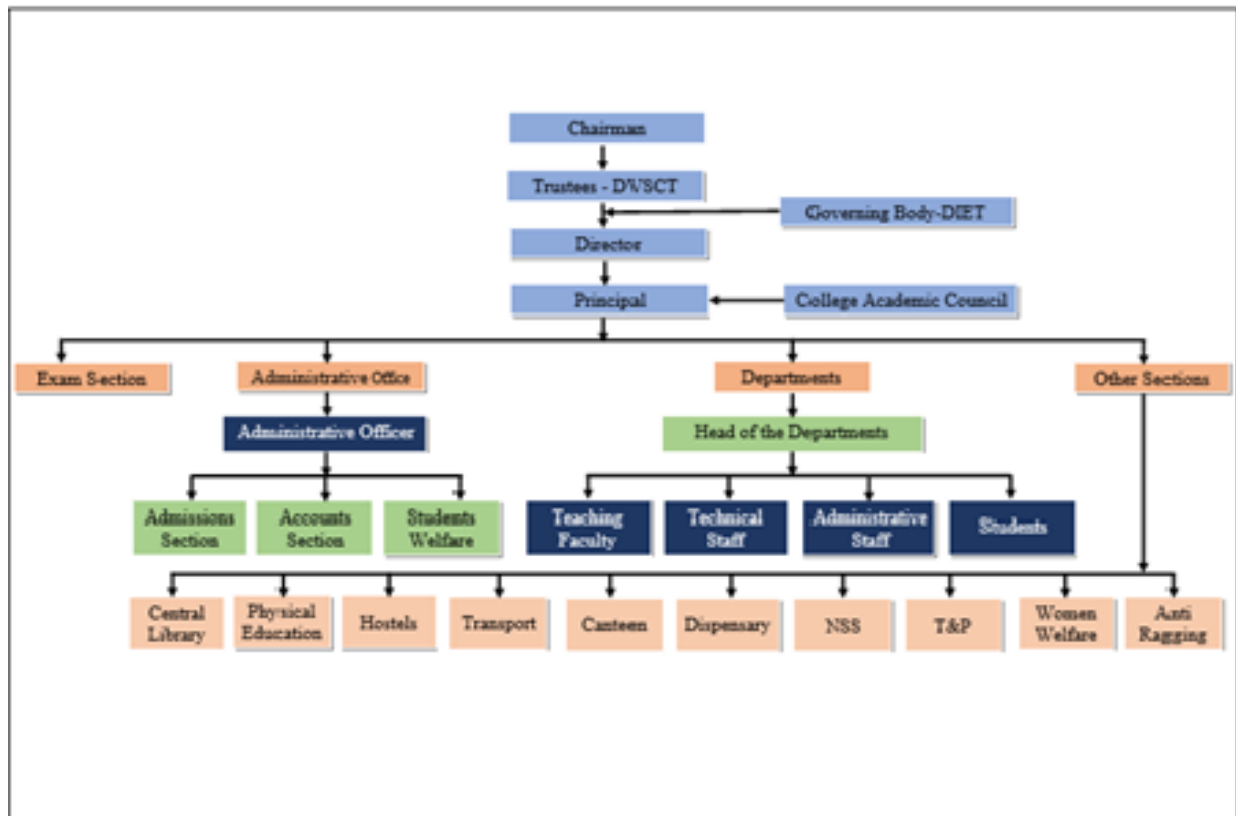
#### Committee Members:

S.No	Name	Designation	Position
1	Dr. K Ravi	Professor, Principal	Coordinator
2	Dr. G Vinay Kumar	Professor, CE	Member
3	Dr. I Sai Ram	Professor, EEE	Member
4	Dr. O Srikanth	Professor, ME	Member
5	Dr. G L Madhumathi	Professor, ECE	Member
6	Dr. S Suresh	Professor, CSE	Member
7	Dr. M Tanooj Kumar	Professor, Exam Incharge	Member
8	Dr. K Prabhakar	Professor in CSE, Dean R&D	Member
8	Mr. K Sandeep	Assistant Professor, ITC Coordinator	Member
9	Mr. Ch Renu Sekhar	Administrative Officer	Member

List of Committee Members

**Frequency of meetings & Date of last meeting : Twice in a Year / As and When Required**

## 9. Organizational Chart:



Organizational Structure of the Institute

## 10. Student feedback mechanism on Institutional Governance/faculty Performance:

- Students Feedback on Teachers delivery mechanism is taken twice in Semester, once at the beginning of semester i.e at 4<sup>th</sup> week and the other end semester.
- Teacher will make necessary correction in delivery mechanism as required. In case of need, HoD and other senior members in the department may help and support teacher. Still the feed back is not up to the mark in end semester, such faculty will be driven to attend necessary faculty development programs.

## 11. Grievance redressal mechanism for faculty, staff and students:

- Suggestion boxes are provided at various locations in the institution.
- Grievance Redressal committee is constituted.
- Online and offline modes of giving grievances to HoDs, Head of the Institution are in place.

## 12. Department Profile:

Name of the Department	:	Electronics & Communication Engineering
Course	:	B.Tech
Level	:	UG
1 <sup>st</sup> year of approval by the Council	:	2009
Current Intake	:	180

	2019-20	2018-19	2017-18
Year wise sanctioned intake	180	120	120
Year wise actual admissions	175	117	116
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	63.2	64.9	64.2
Students Placed	74	66	38
Average pay package Rs./year	3 Lakhs	2.4 Lakhs	2.4 Lakhs
Students opted for Higher Studies	1	6	20

Accreditation Status of the course : Accredited by NBA & NAAC  
 Collaborations, if any : None  
 Professional Society Memberships : IETE Students chapter, IEEE Students chapter, IETE, ISSE, ISTE, IE staff

	2020-21	2019-20	2018-19
Professional activities	-	2	1
Consultancy activities	-	-	-
Grants Fetched	-	Rs. 37.5 Lakhs	-

### Departmental Achievements:

A patent “Enhancement of Quality of service in wireless sensor network by redundant sensors controlling” by Dr.M.Venkateswara Rao is approved and published under Intellectual Property of India from ECE department. The Patent Office Journal No. 50/2020 dated 11/12/2020 Page No: 61727 (21) Application No.202041051968 A(19) INDIA(22) Date of filing of Application :28/11/2020 (43) Publication date: 11/12/2020.

A project has been sanctioned by MSME under the scheme ASPIRE in the year 2019-20 for an amount of INR 37.5 Lakhs to conduct R& D activities in the area of IoT applications in agriculture sector. Example: IoT based atmospheric water supply system, Automatic water management system. Drone sprayer smart & versatile cleaner with IoT applications.

One startup company named “CHOOSEUS” has been registered by the students and they are providing services in designing websites and apps. Ms. SumukhiNandam Secured All India First Prize in World largest Handwriting competition recently.

### Distinguished Alumni:

S.No	Name of the alumnus	Years of Study	Degree (UG/PG)	Present Position
1	Mr.Shaik Riyaz	2012-16	B.Tech (ECE)	Assistant Manager, State Bank of India , Regional Business Office,Machavaram,Masulipatnam, Krishna Dt.-521002
2	Ms. Gowthami Goli	2010-13	B.Tech (ECE)	Software Quality, Cigniti Technologies Ltd., Hydearbad-500081
3	Mr. Meka Mahesh	2011-15	B.Tech (ECE)	IBM, Chennai, India
4	Mr. Kadiyala Sriram	2011-15	B.Tech (ECE)	Evergent Technologies Pvt Ltd., 3,4,5 Floors, Surana House, H.No.6-3-569/1,Somajiguda,Hyderabad-82
5	Mr. Ganta Lalith Bhargav	2012-16	B.Tech (ECE)	Personal Secretary to Special Commissioner, Department of Women Development and Child Welfare, AP Sachivalayam, Velagapudi, Amaravathi, AP

**Name of the Department** : **Computer Science & Engineering**  
**Course** : **B.Tech**  
**Level** : **UG**  
**1<sup>st</sup> year of approval by the Council** : **2009**  
**Current Intake** : **180**

	<b>2019-20</b>	<b>2018-19</b>	<b>2017-18</b>
Year wise sanctioned intake	120	120	120
Year wise actual admissions	127	117	119
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	68.6	85.6	82
Students placed	31	54	59
Average pay package Rs./year	3.2 Lakhs	3.0 Lakhs	2.4 Lakhs
Students opted for Higher Studies	2	21	14

**Accreditation Status of the course** : **Accredited by NAAC**  
**Collaborations, if any** : **None**  
**Professional Society Memberships** : **CSI, IFERP**

	<b>2020-21</b>	<b>2019-20</b>	<b>2018-19</b>
Professional activities	-	2	-
Consultancy activities	1	-	-
Grants Fetched	-	-	-

#### **Distinguished Alumni:**

<b>S. No</b>	<b>Name of the Alumnus</b>	<b>Years of Study</b>	<b>Degree (UG/PG)</b>	<b>Present Position</b>
1	LANKA SRI RAM PRASAD (Y9CS3026)	2009-2012	UG B.Tech in CSE	Senior Application Developer, MOLINA HEALTH CARE, California, United States.
2	KOTTE RAAJITA (108T1A0573)	2010-2013	UG B.Tech in CSE	Technical support Associate, Amazon Services, Hyderabad, Telangana, India
3	NANDIPATI AMITHA (118T1A0506)	2011-2014	UG B.Tech in CSE	Network Engineer, AT&T, Hyderabad, Telangana, India
4	B PRAVEENKUMARNAIDU (128T1A0562)	2012-2015	UG B.Tech in CSE	Member Technical Staff, ZOHO Cooperation, Chennai, Tamilnadu, India
5	B KRISHNA CHAITANYA (138T1A0536)	2013-2016	UG B.Tech in CSE	Programmer Analyst, Cognizant Technologies Solutions, Coimbatore, Tamilnadu, India
6	D. BRAHMESH (148T1A0514)	2014-2017	UG B.Tech in CSE	Systems Engineer, INFOSYS Technologies, Bangalore, Karnataka, India
7	PAVITRA SANJANA THADEPALLY (158T1A0565)	2015-2018	UG B.Tech in CSE	Assistant System Engineer, Tata Consultancy Services, Bangalore, Karnataka, India.
8	GUDIWADA HIMAJA (168T1A0536)	2016-2019	UG B.Tech in CSE	Assistant System Engineer, Tata Consultancy Services, Bangalore, Karnataka, India.

**Name of the Department** : **Electrical & Electronics Engineering**  
**Course** : **B.Tech**  
**Level** : **UG**  
**1<sup>st</sup> year of approval by the Council** : **2009**  
**Current Intake** : **30**

	2019-20	2018-19	2017-18
Year wise sanctioned intake	60	60	60
Year wise actual admissions	5	18	36
Cutoff marks-General Quota	50%	50%	50%
% of Students Graduated	55.1	64.6	73.8
Students placed	38	37	23
Average pay package Rs./year	2.55 lakh/ annum	2.91 lakh/ annum	3.18 lakh/ annum
Students opted for Higher Studies	-	1	4

**Accreditation Status of the course** : **Accredited by NBA & NAAC**  
**Collaborations, if any** : **None**  
**Professional Society Memberships** : **IE (I) Students chapter, IE(I), ICI, ISTE**

	2020-21	2019-20	2018-19
Professional activities	-	10	4
Consultancy activities	-	-	-
Grants Fetched	-	-	-

### Departmental Achievements:

#### I. Student Entrepreneurs:

S.No	Name of the Student	Batch	Company Name	Company Information
1	P.NarayanaSanghea (138T5A0207)	2013- 2017	Lepakshi Engine Cut Model Parts	<a href="mailto:lecparts@gmail.com">lecparts@gmail.com</a> Fuel injection pump VE pump, Disc break and drum break system practical purpose
2	V.NagendraBabu (128T1A0225)	2012- 2016	SRI VIDYA NIKETAN	L.K.G. to 7th class English medium school vanukuru- 521151
3	Y.Anvesh(158T1A0204) and Y.Dinesh(Y9EE3058)	2015- 2019, 2009- 2013	YBR MITRA ELECTRICALS & TRADERS PVT.LTD	<a href="mailto:powertrends19@gmail.com">powertrends19@gmail.com</a> Panel manufacturing all types of electrical goods suppliers and electrical works

#### II. Student Awardees:

S.No	Date of Event	Event Description	Event Venue	Student Name	Awards
1	14-16 Feb 2020	Project Expo	RGUKT, Nuzvid	P Uma Sree	I
2	14-16 Feb 2020	Project Expo	RGUKT, Nuzvid	P Anjali Manasa	I
3	14-16 Feb 2020	Project Expo	RGUKT, Nuzvid	U Sangeetha	I
4	14-16 Feb 2020	Project Expo	RGUKT, Nuzvid	SkRiyazuddin	I
5	3 Jan 2020	Project Expo	URCET, Telaprolu	SkRiyazuddin	I
6	3 Jan 2020	Project Expo	URCET, Telaprolu	P Uma Sree	I
7	22 Dec 2019	Tech Talk	VVIT, Namburu	Ch V Gopinath	I
8	17 Sep 2019	Tech Quiz	ALIET, Vijayawada	G Himadhar	I
9	17 Sep 2019	Tech Quiz	ALIET, Vijayawada	P V Sai Revanth	I

### III. Faculty Achievements:

1. Two faculty members Mr. Ch Anil Kumar, Assistant Professor and Mr. P T Krishna Sai Assistant Professor registered Ph.D in the academic year 2019 -2020
2. Mr. P T Krishna Sai published the following papers in Scopus Journals:
  - i. Dr.J.Vara Prasad, P.T.Krishna Sai, "Static Voltage Stability of Reconfigurable Radial Distribution System Considering Voltage Dependent Load Models." International Information and Engineering Technology Association (IIETA), Mathematical modeling of engineering problems (MMEP)(ISSN:2369-0739)(print),2369-0747(online) <https://doi.org/10.18280/mnep.070316>. (Scopus - Indexed).
  - ii. Dr.J.Vara Prasad, P.T.Krishna Sai, U.Kamal Kumar, "Future Search Algorithm for Optimal Integration of Distributed Generation and Electric Vehicle Fleets in Radial Distribution Networks Considering Techno-Environmental Aspects" Springer Nature Applied Sciences <https://doi.org/10.1007/s42452-021-04466-y>. (ESCI/Scopus - Indexed).

### Distinguished Alumni:

S.No	Name of the alumnus	Years of Study	Degree (UG/PG)	Present Position
1	R. Harish Y9EE3045	2009-13	UG	Position: Electrical Engineer Company name: SHAH & ASSOCIATES Engineering services Design and Build, 416 North Frederick Avenue Gaithersburg, Maryland 20877 CTC : 72000\$
2	K.Naga Sai Babu 108T1A0228	2010-14	UG	Position:ContractElectrical Engineer Company name: OPTUM Data analytics Corporate headquarters 11000 Optum Circle, Eden Prairie, MN 55344 CTC: 65000\$
3	Md.Abid Y9EE3022	2009-2013	UG	Position: Java Developer Company name: Xceed Technologies INC. 100 Wood Ave, Suite # 120, Iselin, NJ-08830 CTC : 60000\$
4	J.Kiran 108T1A0222	2010-2014	UG	Position: Senior Executive Company name: KPMG Buiding No.10, 8th floor, Tower B, DLF Cyber city, Phase-II Gurgoan CTC : 6.8Lac
5	Y.Dinesh Y9EE3058	2009-2013	UG	Position: Electrical Engineer Company name: Mylan laboratories limited Lankalapalem - Simhadri NTPC Power Plant Road, Nakkapalli Mandal, Visakhapatnam, Andhra Pradesh CTC : 6.00Lacs
6	T.Saiteja	2011-2015	UG	Position: Electrical

	118T1A0242			Engineer Company name: The Merchant Navy UdyogBhavan, 4th floor,29, WalchandHirachand Marg, Ballard Estate, Mumbai, Maharashtra CTC : 6.00Lacs
7	M.Sirisha 118T5A0207	2011-2015	UG	Position: Assistant Section Engineer Company name: Radio station(SSC) Pondicherry CTC : 5.82Lacs

**Name of the Department** : **Civil Engineering**  
**Course** : B.Tech  
**Level** : UG  
**1<sup>st</sup> year of approval by the Council** : 2010  
**Current Intake** : 60

	2019-20	2018-19	2017-18
Year wise sanctioned intake	90	120	120
Year wise actual admissions	25	84	117
Cutoff marks-General Quota	1,15,727	45,949	43,405
%of Students Graduated	35.7	55.6	64.7
Students placed	36	32	20
Average pay package Rs./year	1.8 lakhs	1.8 lakhs	1.8 lakhs
Students opted for Higher Studies	10	10	12

**Accreditation Status of the course** : Accredited b NBA & NAAC  
**Collaborations, if any** : None  
**Professional Society Memberships** : IE(I) Students chapter, IE(I), ICI, ISTE

**Name of the Department** : **Mechanical Engineering**  
**Course** : B.Tech  
**Level** : UG  
**1<sup>st</sup> year of approval by the Council** : 2009  
**Current Intake** : 60

	2019-20	2018-19	2017-18
Year wise sanctioned intake	90	120	120
Year wise actual admissions	16	46	88
Cutoff marks-General Quota	50%	50%	50%
%of Students Graduated	47.4	53.4	70.4
Students placed	47	45	38
Average pay package Rs./year	2.2 Lakhs	2.6 Lakhs	2 lakhs
Students opted for Higher Studies	2	9	14

**Accreditation Status of the course** : Accredited by NBA & NAAC  
**Collaborations, if any** : APSSDC & DASSAULT  
**Professional Society Memberships** : ISHRAE student chapter, ISTE

	2020-21	2019-20	2018-19
Professional activities	-	-	-
Consultancy activities	-	2	-
Grants Fetched	-	15,000	-

### Distinguished Alumni:

S.No	Name of the alumnus	Years of Study	Degree (UG/PG)	Present Position
1	Rama Krishna	2010	UG	Solidworks Engineer
2	Bhargava ChowdaryKanakamedala	2010	UG	Validation Engineer
3	V Girish Kumar	2011	UG	Sr. Project Engineer
4	N Kiran Kumar	2011	UG	IT Associate in Tribal Welfare Department
5	Abdul Rehaman	2011	UG	Master Technical Trainer
6	P Shashank	2012	UG	Director of MAJALO Event Planner
7	N Siva Kumar	2013	UG	Associate CNC Consultant
8	K Amareshu	2013	UG	Inward Quality inspector at TIBCON
9	A Danam	2014	UG	Pro ALP in Mechanical Department, South Central Railway
10	R PushpaDivya	2014	UG	Jr. Engineer, VSCPL
11	K Krishna Chaitanya	2014	UG	Data Analyst
12	O Surya Narayana	2014	UG	Assistant Quality Engineer
13	B Subodh Kumar	2014	UG	Engineer in Power Mech Pvt. Ltd.
14	S Sai Gopi	2014	UG	Software Developer,Member of technical staff, HCL
15	M Sai	2017	UG	Service Manager in Next Service
16	Mahesh dasari	2018	UG	Packaging development R&D intern, Hindustan Unilever Ltd
17	Sai krishnakundella	2018	UG	Content Engineer, Globallogic India Pvt ltd
18	PenumudiRupa Sri	2019	UG	Junior engineer, Horizon infra
19	GullapalliRishidhar	2019	UG	QV, Electronic arts [EA SPORTS INDIA PVT LTD]

**Name of the Department** : **Information Technology**  
**Course** : **B.Tech**  
**Level** : **UG**  
**1<sup>st</sup> year of approval by the Council** : **2019**  
**Current intake** : **60**

	2019-20
Year wise sanctioned intake	60
Year wise actual admissions	57
Cut off marks-General Quota	50%
%of students passed with Distinction	NA
%of students passed with First Class	NA
Students placed	-
Average pay package Rs./year	-
Students opted for Higher Studies	-

**Accreditation Status of the course** :  
**Collaborations, if any** : **None**  
**Professional Society Memberships** : **IEEE (2020-2021)**

### 13. Program Information:

<p><b>Name of Programmes Approved by AICTE</b></p>	<p><b>UG:</b></p> <ul style="list-style-type: none"> <li>• Civil Engineering</li> <li>• Electrical &amp; Electronics Engineering</li> <li>• Mechanical Engineering</li> <li>• Electronics &amp; Communication Engineering</li> <li>• Computer Science &amp; Engineering</li> <li>• Information Technology</li> </ul> <p><b>PG:</b></p> <ul style="list-style-type: none"> <li>• Environmental Engineering</li> <li>• Computer Science &amp; Engineering</li> </ul> <p><b>Diploma:</b></p> <ul style="list-style-type: none"> <li>• Civil Engineering</li> <li>• Electrical &amp; Electronics Engineering</li> <li>• Mechanical Engineering</li> <li>• Electronics &amp; Communication Engineering</li> </ul>
<p><b>Name of Programmes Accredited by NBA</b></p>	<ul style="list-style-type: none"> <li>• Civil Engineering</li> <li>• Electrical &amp; Electronics Engineering</li> <li>• Mechanical Engineering</li> <li>• Electronics &amp; Communication Engineering</li> </ul>

Details of Programmes Offered by the College for Current Academic Year						
Program me Level	Name of Programme/Course	Durat ion in Mont hs	Entry Qualification	Mediu m of Instruc tion	Sanctio ned Intake	No of Students Admitted
UG	B.Tech - Civil Engineering	48	Intermediate or Diploma	English	60	29
UG	B.Tech - Electrical & Electronics Engineering	48	Intermediate or Diploma	English	30	18
UG	B.Tech - Mechanical Engineering	48	Intermediate or Diploma	English	60	26
UG	B.Tech - Electronics & Communication Engineering	48	Intermediate or Diploma	English	180	170
UG	B.Tech - Computer Science & Engineering	48	Intermediate or Diploma	English	180	180
UG	B.Tech - Information Technology	48	Intermediate or Diploma	English	60	60
PG	M.Tech - Environmental Engineering	24	B.Tech	English	18	04
PG	M.Tech - Computer Science & Engineering	24	B.Tech	English	18	08
Diploma	DCE - Diploma in Civil Engineering	36	X / ITI	English	60	29
Diploma	DME - Diploma in Mechanical Engineering	36	X / ITI	English	60	60
Diploma	DEE - Diploma in Electrical & Electronics Engineering	36	X / ITI	English	60	60
Diploma	DEC - Diploma in Electronics & Communication Engineering	36	X / ITI	English	60	60

• **Admissions & Fee Details Program wise for Last three years :**

Name of the Department	<b>Civil Engineering</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	60	90	120
Duration	4 Years	4Years	4Years
Cutoff marks/rank of admission during the last three years	1,23,329	1,27,145	1,28,925
Fee	60,800	60,800	63,800

Name of the Department	<b>Electrical &amp; Electronics Engineering</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	30	60	60
Duration	4 Years	4 Years	4 Years
Cutoff marks/rank of admission during the last three years	1,19,006	1,15,751	1,20,563
Fee	60,800	60,800	63,800

Name of the Department	<b>Mechanical Engineering</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	60	90	120
Duration	4 Years	4 Years	4 Years
Cutoff marks/rank of admission during the last three years	1,27,141	1,26,882	1,30,133
Fee	60,800	60,800	63,800

Name of the Department	<b>Electronics &amp; Communication Engineering</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	180	180	120
Duration	4 Years	4 Years	4 Years
Cutoff marks/rank of admission during the last three years	1,27,412	1,28,420	1,31,103
Fee	60,800	60,800	63,800

Name of the Department	<b>Computer Science &amp; Engineering</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	180	120	120
Duration	4 Years	4 Years	4 Years
Cutoff marks/rank of admission during the last three years	1,23,402	1,30,441	1,25,326
Fee	60,800	60,800	63,800

Name of the Department	<b>Information Technology</b>		
Level	UG		
Last three years	2020-21	2019-20	2018-19
Number of seats	60	60	-
Duration	4 Years	4 Years	-
Cutoff marks/rank of admission during the last three years	1,25,655	1,26,882	-
Fee	60,800	60,800	-

Name of the Department	<b>Computer Science &amp; Engineering</b>		
Level	PG		
Last three years	2020-21	2019-20	2018-19
Number of seats	18	18	24
Duration	2 Years	2 Years	2 Years
Cutoff marks/rank of admission during the last three years	2,492	331	780
Fee	35,000	35,000	57,000

Name of the Department	<b>Environmental Engineering</b>		
Level	PG		
Last three years	2020-21	2019-20	2018-19
Number of seats	18	18	-
Duration	2 Years	2 Years	-
Cutoff marks/rank of admission during the last three years	971	3,677	-
Fee	35,000	35,000	-

## 14. Faculty Profiles:



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada-521 139, Phone: 0866-2583842/43,  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### FACULTY PRPOFILE

<b>Name of the Faculty</b>	Dr. Ravi Kadiyala
<b>Designation</b>	Professor in Mechanical Engineering & Principal <a href="mailto:diet.principal@gmail.com">diet.principal@gmail.com</a>
<b>Email &amp; Phone No.</b>	9491017088
<b>Date of Joining</b>	19-06-2009
<b>Nature of Association</b>	<b>Regular</b>
<b>Department</b>	Mechanical Engineering



<b>Educational Background</b>	B.Tech in Mechanical Engineering with Specialization in Industrial & Production Engineering, May 1993	KLCE, Acharya Nagarjuna University
	M.E - Marine Engineering & Mechanical Handling, September 1997	College of Engineering, Andhra University
	Ph.D in Marine Engineering (Performance Studies on - D.I Diesel Engine with Some Vegetable Oils as a Replacement to Diesel Fuel.), April 2006	College of Engineering, Andhra University
<b>Research Areas</b>	IC Engines & Combustion	

### Experience:

Name of the Employer (Full Name with location)	Designation	Date of Joining	Date of Leaving	Duration of work(in Yrs)
Dunhill Engineering Constructions, Vishakapatnam	Site Engineer	June 1993	December 1993	0.7
Dunhill Engineering Constructions, Vishakapatnam	Project Engineer	September 1995	September 1997	2
Maharaj Vijayaram Gajapathiraj College of Engineering, Vijayanagaram	Assistant Professor	27 <sup>th</sup> October 1997	06 <sup>th</sup> June 2001	3.8
Maharaj Vijayaram Gajapathiraj College of Engineering, Vizianagaram	Associate Professor	07 <sup>th</sup> June 2001	26 <sup>th</sup> July 2006	5.2
VRS&YRN College of Engineering & Technology, Chirala, Prakasam District	Principal	27 <sup>th</sup> July 2006	30 <sup>th</sup> September 2007	1.1
EVM College of Engineering & Technology, Narasaraopet, Guntur District	Principal	1 <sup>st</sup> October 2007	18 <sup>th</sup> June 2009	1.9
DhaneKula Institute of Engineering & Technology, Ganguru, Penamaluru Mandalam, Krishna District, Vijayawada	Principal	19 <sup>th</sup> June 2009	Till Date	12



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Ganguru, Vijayawada-521 139, Phone: 0866-2583842/43,  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

**International - 4**

**National - 6**

## **Awards & Achievements:**

- Bagged Best Paper Award for the paper titled “Some Comparative Studies on DI Diesel Engine with Pungam Methyl Ester and Diesel Oil” in 19<sup>th</sup> National Conference on I.C Engines & Combustion at Department of Mechanical Engineering, Annamalai University under the auspices of “THE COMBUSTIONINSTITUTE” (Indian Section).
- Ratified as Principal by JNTUK, Kakinada.
- Received “TOP 30 ICONIC PRINCIPAL AWARD” under Golden Aim Awards for EXCELLANCE & LEADERSHIP IN EDUCATION on 8<sup>th</sup> April 2021 by DYNERGIC Business Solution.

**Dr. Ravi Kadiyala**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Dr Omni Srikanth	
<b>Designation</b>	Professor & Head	
<b>Email &amp; Phone No</b>	<a href="mailto:muralisrikanth11@gmail.com">muralisrikanth11@gmail.com</a> & 08662583842	
<b>Date of Joining</b>	02/07/2009	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Mechanical Engineering	
<b>Educational Background</b>	1. Ph.D.(ME) from JNTUH, Hyderabad 2. M.Tech (Production Engineering) from NIT, Warangal 3. B.Tech (ME) from Kakatiya Institute of Technology, Warangal 4. DAE (Automobile Engineering) from Govt. Polytechnic, Anantapur	
<b>Area of Specialization</b>	Production Engineering	
<b>Research Areas</b>	Computer Integrated Manufacturing, CAD, CAM, Advanced Manufacturing Engineering, Production & Manufacturing Engineering, Mechatronics , JIT Manufacturing, Automation	
<b>Experience</b>	24 Years	

Sl. No	Institute	Designation	Period
5	DIET, Ganguru	HOD & Professor	2016–till date
4	DIET, Ganguru	HOD & Associate Professor	2009-2016
3	ANITS, Visakhapatnam	Associate Professor	2004-2009
2	VSCE Khammam	Associate Professor	2002-2004
1	VSCE Khammam	Assistant Professor	1996-2002

List of Publications (International Journals) 10

National/International Conferences (National and International) 8

Professional Societies Memberships : MIE, MISTE, MIEANG, MISSE, MISHRAE

Positions held: HOD, Examination In-charge , T & P In-charge

Omni Srikanth



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### FACULTY PROFILE



<b>Name of the Faculty</b>	P Pratap Naidu
<b>Designation</b>	Associate Professor
<b>Email &amp; Phone No</b>	<a href="mailto:pratapnd8@gmail.com">pratapnd8@gmail.com</a> & 9502046821
<b>Date of Joining</b>	17/4/2021
<b>Nature of Association</b>	Regular
<b>Department</b>	Mechanical Engineering
<b>Educational Background</b>	1 PhD in Mechanical engineering From NIT Warangal, Telangana 2 MTech in Thermal engineering From NIT Rourkela, Orissa 3 BTech in Mechanical engineering From Madina Engineering college, Kadapa, AP
<b>Area of Specialization</b>	Thermal Engineering
<b>Research Areas</b>	Thermal and design analysis of glass fibre epoxy Polymer composites
<b>Experience</b>	10 years

Sl. No	Institute	Designation	Period
5	DIET, Ganguru	Associate professor	2021-till date
4	MITS Madanapalle	Senior Assistant professor	2019-2021
3	GITAM University Hyderabad	Assistant Professor	2012-2016
2	RGUKT (APIIT) Idupulapaya	Lecturer	2011-2012
1	Yogivemana university	Lecturer	2010-2011

#### List of Publications

International journals	4
National/International conferences	2
<b>Patents</b>	<b>1</b>

**Positions held:** fluid mechanics subject coordinator, GATE coordinator

Pratap Naidu



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the faculty</b>	Dr. B. K. C. Ganesh
<b>Designation</b>	Associate Professor
<b>Email &amp; Phone No</b>	gbadathala@gmail.com 9885425863
<b>Department</b>	Mechanical Engineering
<b>Educational Background</b>	1. Obtained Ph.D., From Andhra University in 2014. 2. M.E From BITS Pilani in 1998 3. B.Tech From Amravati University in 1996
<b>Research Areas</b>	Materials & Manufacturing Engineering.
<b>Experience</b>	20
<b>Date of Joining</b>	01-03-21



Sl.No	Institute	Designation	Period
10	DhaneKula Institute of Engineering & Technology, Vijayawada.	Associate Professor	March 2021 - Till Date
9	SV Engineering College, Tirupati	Professor	2019-2020
8	Sri Mittapalli Coll.of.Engineering, Guntur	Professor & Head	2016-2019
7	Sree Vidyanikethan Coll.of Engineering ,Tirupati	Professor	2013-2016
6	Sree Yogananda Institute of Technology, Tirupati	Professor & Head	2012-2013
5	NEC, Narsaraopet	Professor	2010-2012
4	Department of Mechanical Engineering, Andhra University COE, Visakhapatnam	Research Scholar	2008-2012
3	BEC, Bapatla	Associate Professor	2006-2008
2	NBKRIST, Vidyanagar, Nellore District	Assistant Professor	2000-2006
1	BITS PILANI	Lecturer	1997-2000

### Publications and Conferences Attended:

- B.K.C.Ganesh, Wei Sha, N. Ramanaih, A. Krishnaih "Effect of shotpeening on sliding wear and tensile behavior of titanium implant alloys", **Materials and Design** Volume 56, April 2014, p480-486. Elsevier Publications, DOI: <http://dx.doi.org/10.1016/j.matdes.2013.11.052>. Impact factor: 4.498, Citations:45

- B.K.C.Ganesh, Ramanaih.N “Dry Sliding Wear Behavior of Ti-6Al-4V Implant Alloy Subjected to Various Surface Treatments”, paper published in **Transactions of Indian Institute of metals, Springer-Verlag Publications, Volume 65, Issue 5 (2012), Page 425-434, October 2012. DOI: 10.1007/s12666-012-0147-4. Impact Factor:0.533, Citations :24**
- B.K.C.Ganesh, Ramanaih.N. “Effect of heat treatment on dry sliding wear of titanium-aluminum-vanadium (Ti-6Al-4V) implant alloy”, published in **Journal of Mechanical Engineering Research**, vol 4(2), pp 67-74 ,February 2012. **DOI:10.5897/JMER11.090. Citations:7**
- B.K.C.Ganesh., N.Ramanaih, N.Bhuvaneshwari, S.V.N.Pammi ,” **Effect of Hank’s Solution and Shot Blasting on the Tribological Behavior of Titanium Implant Alloys**” Published in International Journal of Materials and Biomaterials Applications 2012; 2(1): 5-11 ,URP Publications, july 2012.**Citations:4**
- B.K.C.Ganesh, Ramanaih.N “Effect of rapid quenching and aging on tensile behavior of CP Titanium”, Published in **Journal of Engineering Technology and Research**, Volume 3 (9),pp 279-283,September 2011. **Citations : 3.**
- B.K.C.Ganesh, Ramanaih.N “Effect of heat treatment on dry sliding wear of Ti-6Al-4V and Ti-6Al-7Nb implant alloys”, Paper published in **International Journal of Microstructures and Materials Properties, InderScience Publishers**, Volume 8, issue 3, 2013. **DOI: 10.1504/IJMMP.2013.055382. . Impact Factor: 0.133.**
- B.K.C.Ganesh, Ramanaih.N “A Study on Fatigue behavior of Ti-4Al-4V alloy in Medical applications” Proceedings of International Conference at **Velammal Engineering college, Chennai, 19- 21<sup>st</sup> march 2008, Tamilnadu.**
- B.K.C.Ganesh,Ramanaih.N “Comparison of Mechanical Behavior of Cp Titanium and Ti-6Al-4V alloy”, Proceedings of International conference on recent developments in **Mechanical engineering and Building sciences “ICAMB 09” at VIT Vellore, Dec’ 2009.**
- B.K.C.Ganesh ,Ramanaih.N, P.V.Chandrasekhar Rao “ Effect of heat treatment on Mechanical Behavior of Titanium Implants”, Proceedings of **Recent trends in Manufacturing technology, RTMT 2011,Anna university, Chennai.**
- B.K.C.Ganesh , N,Ramaniah. P.V.Chandrasekhar Rao, S.V.N.Pammi “Comparision of Dry sliding wear of Titanium Implants”, **Proceedings of ICAMB 2012,January 2012,VIT University, Vellore.**

### **Workshops & Faculty Development programmes Conducted under TEQIP,GOI,MHRD Fund**

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- A TWO day workshop **on Recent trends in Tribology** was Conducted as Coordinator On 24-25<sup>th</sup> November 2013 at Sree Vidyanikethan Engineering College, Tirupati, India.
- A TWO day workshop on **Application of Shotpeening for Biomaterial Applications** was conducted in on 19-20<sup>th</sup> December 2014. Experts from GE and Academia have participated in the workshop.
- A TWO day workshop on **Research Methodology and Technical paper writing** was conducted at Sree Vidyanikethan College of Engineering on 26-27 February 2016. A number of research scholars from JNT University, Sri Venkateswara University. Expert Resource persons from IITs have participated and delivered valuable inputs to participants.
- Established **Central Workshop at BITS Pilani, Hyderabad Campus** for a period of six months from July 2008 to Dec 2008.

### **Contribution to Science :**

- Working as Reviewer for Journal of Wear, Elsevier Publications
- Working as Reviewer for Ceramic Materials, Elsevier Publications.

- Working as a Reviewer for Materials research Innovations, Maney publications.
- Working as Reviewer for Jordan Journal for Mechanical and Industrial Engineering
- Working as Reviewer for British Journal of Physics, Science Domain Publications.U.K.
- Working as Reviewer for JESTEC Journal, Taylor University, Malaysia.
- Working as a Reviewer for Material Research Express, IOP Publications, UK

### **Invited book Chapter**

- Ganesh.B.K.C, S.Anand Kumar “Effect of Peening based Processes on tribological and mechanical behaviour of bio impant materials.” Handbook of Modern Coatings and Technology, Volume –III, Elsevier Publications, In Print, To be published by Dec2021.

### **Subjects taught for Graduate and Post Graduate students**

- Engineering Graphics
- Material Science & Metallurgy
- Manufacturing Processes
- Automation in Manufacturing
- Non Destructive Testing and Evaluation
- Machine Tool Engineering
- World Class Manufacturing

### **Achievements:**

1. Working as reviewer for Peer reviewed journals published by Elsevier, Springer and Inderscience.
2. Working as Motivational Speaker in the field of Positive Psychology, Research Methodology and Career planning.
3. Developed number of video sessions on the YouTube Under the Channel “BKC Ganesh Mech” on the above topics in addition to Engineering Drawing with CAD and Preparation Tips & Tricks for IELTS.
4. Google Scholar with H-Index of 7 and citations of 130 till date.
5. Working as Researcher in developing Biomaterials with superior wear resistance.

**B.K.C.Ganesh.**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Neelapu Satish

**Designation**

Associate Professor

**Email & Phone No**

neelapu.sateesh@gmail.com  
9701974953

**Department**

Mechanical Engineering



**Educational Background:** 1. Bachelor of Engineering in Mechanical engineering with 78.34%, AITAM, Srikakulam, Andhrapradesh.

2. Master of Technology in Thermo fluids with 8.32/10 CGPA (Mechanical and Aerospace Engineering Dept), Indian Institute of Technology Hyderabad, July 2012-July 2014

3. Doctor of Philosophy in Fluids and energy systems (Mechanical and Aerospace Engineering Dept), Indian Institute of Technology Hyderabad, July 2014-Feb 2020.

**Research Areas** CFD, Thermal management of batteries in electric vehicles, Heat pipes, Thermal design and Packaging, thermal modelling of storage systems, Fluid mechanics, Numerical Heat transfer in electronics packaging, cooling system of Nuclear reactors, Vibrational body's effect on enhancement of heat transfer in channel flows, Atmospheric turbulence, Design of Thermal storage systems, jet impingement studies, LES laden particle flows, Bubble column flows, Water evaporation from free surface, ANN.

**Experience**

00

**Date of Joining**

18-09-2020

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering and Technology	Associate Professor	2020 - till date

## List of Publications (International)

- N.Satish., K.Venkatasubbaiah., Conjugate heat transfer analysis of turbulent forced convection of moving plate in a channel flow, “Applied Thermal Engineering”.100, 987-998 (2016).
- N.Satish., K.Venkatasubbaiah., Numerical investigation of flow and heat transfer characteristics between turbulent double jet impingement and a moving plate, “ ASME Thermal Science and Engineering Applications ”, Vol. 11(5), pp: 051001:1-12, 2019.
- N. Satish, K Venkatasubbaiah, Numerical investigations of turbulent multiple jet impingement on a heated square block in a confined channel, Journal of Thermal Science and Engineering Progress, 100415, 2019.
- N. Satish, K Venkatasubbaiah, Conjugate heat transfer analysis of liquid metal turbulent flow through a horizontal channel by LES, Numerical Heat Transfer, Part A: Applications, June 2020, Taylor & Francis publisher.
- N. Satish, K Venkatasubbaiah, Effect of pulsation and acceleration of liquid metal turbulent flow through a horizontal channel by LES, ASME Journal of Nuclear Engineering and Radiation Science, 6(4), 041301:1-13, Oct 2020.
- N.Satish., K.Venkatasubbaiah., R.Harish., Effect of buoyancy on turbulent mixed convection flow through vertical and horizontal channel. Proceedings of IUTAM Symposium on Advances in Computation, Modeling and Control of Transitional and Turbulent flows, Dec15-18, 2014, Goa, India.
- N.Satish., K.Venkatasubbaiah., Effect of Prandtl number and Jet inclination on Flow and Heat Transfer of Double Jet impingement on Stationary and Moving Plate. Proceedings of 7th international and 45th national conference on Fluid Mechanics and Fluid powers, Dec10-12, 2018, IIT Bombay, Mumbai, India.

## Achievements/ Awards etc.,

- Silver medal in 2nd year engineering
- Gold medal in 3rd year engineering
- Topper in academics during 4th year engineering
- 1st prize for making car, for physically challenged people, in symposium conducted by AITAM in 2011.
- Awarded Scholarship from MHRD Government of India to pursue Master of technology during 2012-2014.
- Awarded Scholarship from MHRD Government of India to pursue PhD during 2014- 2019.
- Research excellence award in the year 2019 for the year 2018 in the dept. MAE, IIT Hyderabad.

**Neelapu Satish**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the faculty</b>	Mr. D Bala Nagesh
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	dukipati.balanagesh@gmail.com 9989129920
<b>Department</b>	Mechanical Engineering
<b>Educational Background</b>	1. M.Tech. From Andhra University, Visakhapatnam 2. B.E From University of Madras, Tamil Nadu
<b>Experience</b>	16
<b>Date of Joining</b>	17-07-2009



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2009-Till Date

**List of Publications (International Journals) 02**

**National/International Conferences (National and International) 03**

**Professional Societies Memberships : ISTE, ISHRAE**

**Achievements/ Awards etc.,**

- Ratified as an Assistant Professor by JNTUK in 2014

**D Bala Nagesh**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



**Name of the faculty**

M. Bharathi

**Designation**

Assistant Professor

**Email & Phone No**

[bharathimokara29@gmail.com](mailto:bharathimokara29@gmail.com)

**Department**

Mechanical Engineering

**Educational Background**

1. M TECH from M V G R College of Engineering
2. Gokul Institute of Engineering and technology

**Research Areas**

Machine Design

**Experience**

5Years

**Date of Joining**

04-01-2016

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2016-Till Date

**M S D AJETHA**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Mr. Putti Venkata Siva Teja

**Designation**

Assistant Professor

**Email & Phone No**

pvisteja1990@gmail.com  
9912484142

**Department**

Mechanical Engineering



**Educational Background**

1. Pursuing Ph.D., From Annamalai University, TN
2. M.E From Sathyabama University, Chennai
3. B.Tech From GITAM University, Visakhapatnam

**Research Areas**

Composite and Alloy Materials

**Experience**

07 Years

**Date of Joining**

17-05-2016

Sl. No	Institute	Designation	Period
3	DhaneKula Institute of Engineering & Technology	Assistant Professor	2016-Till Date
2	Gudlavalleru Engineering College	Assistant Professor	2015-2016
1	GVPR Engineers Limited	Graduate Engineer Trainee	2012-2013

## Book Chapters

- Published Book Chapter titled “Biohydrogen Production from Biomass” in Bioenergy Research: Revisiting Latest Development by Springer with ISBN: 978-981-33-4614-7
- Published Book Chapter titled “Drilling of glass fiber reinforced plastics (GFRPs): An experimental investigation and finite element study” in Woodhead Publishing Series in Composites Science and Engineering Hole-Making and Drilling Technology for Composites Advantages, Limitations and Potential. ISBN: 978-0-08-102397-6

## List of Publications (National and International Journals)

- Published a paper on “**Design & Analysis of an Artificial Ankle Joint Under Various Loading Conditions**” in International Research Journal of Engineering and Technology Volume: 08 Issue: 04 | Apr 2021, ISSN: 2395-0056.
- Published a paper on “**Empirical Modeling of Roughness Parameters in Drilling Composites- A Response Surface Approach**” in materials today proceedings Volume 16, Part 2, 2019, Pages 1117-1123. <https://doi.org/10.1016/j.matpr.2019.05.203>.
- Published a paper in Journal of Applied Mechanics and Materials on “**Multiple Response Optimization of Drilling a Particle Board Using Grey Relational Analysis**” at International Mechanical Engineering Congress conducted by NIT, Tiruchirappalli, which is published in Applied Mechanics and Materials Vols.592-594 (2014) pp 530-533.
- Published a paper on “**ANFIS modeling of delamination during drilling of Medium Density Fiber (MDF) board**” at 12<sup>th</sup> Global Congress on Manufacturing and Management conducted by VIT, Vellore. Procedia Engineering 97 ( 2014 ) 258 – 266.
- Published a paper on “**A Fuzzy Logic Model To Evaluate Thrust Force In The Drilling Of Medium Density Fibre Board**” at All India Manufacturing Technology, Design and Research Conference conducted by IIT Guwahati.
- Published a paper on “**A Review on Applications of Image Processing in Inspection of Cutting Tool Surfaces**” at First International Conference on Advances in Materials and Manufacturing Engineering conducted by Sri Sai Ram Engineering College.
- Published a paper on “**Finite Element Analysis in Drilling GFRP Composites**” at Indian Journal of Science and Technology Vol 8(15), DOI: 10.17485/ijst/2015/v8i15/59588.
- Published a paper on “**Analysis of Effect of Internal Structures on Tensile Strength of the FDM Parts**” in International Journal of Pure and Applied Mathematics. Volume 115 No. 6 2017, 123-131 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)

## Utility Patents

- Title of the invention “**Novel Osteoconductive material composition and coating thereof.**” Australian Official Journal Of Patents 29 October 2020 (ISSN 0819-1794) Patent number: 2020102595
- Title of the invention: “**Material and Method of Coating Conductive Oxides For Solid Oxide Cells Application**” International Classification: H01M0008124000, C23C0004110000, C23C0004134000, H01M0008022800, C23C0004020000 Publication Date : 21/02/2020
- Title of the invention: “**Composite Layered Protective Coat for Solid Oxide Fuel Cell Applications**” International classification :H01M8/00 Publication Date : 09/08/2019
- Title of the invention: “**Deposition of Solar Reflective Coat on the Outer Wall of Plastic Container for Enhanced Solar Water Disinfection Applications**” International classification :H02S20/00 Publication Date : 10/05/2019

## Design Patents

- Title of the invention: “**Spring Activated Pressure Tank for Water Purifier- Circular**” Journal No. 05/2021 Dated 29/01/2021
- Title of the invention: “**Mechanical Counter for pressure Cooker**” Journal No. 04/2021 Dated 22/01/2021
- Title of the invention: “**Aerosolid Tyre for Motorcycle**” Journal No. 45/2020 Dated : 06/11/2020
- Title of the invention: “**Airless Tyre for Motorcycle**” Journal No. 13/2021 Dated 26/03/2021

## **National/ International Conferences**

- Presented a paper on “**Effects of Heat Treatment on Mechanical Properties of Ti-6Al-4V alloy**” at International Conference on Materials, Manufacturing and Machining conducted by Bannari Amman Institute of Technology, Erode.
- Presented a paper on “**Applications and Features of Ti6Al4V Alloy**” at 8<sup>th</sup> International Conference Conducted by Sri Ganesh School of Business Management, Salem.
- Presented a paper on “**ANFIS modeling of delamination during drilling of Medium Density Fiber (MDF) board**” at 12<sup>th</sup> Global Congress on Manufacturing and Management conducted by VIT, Vellore.
- Presented a paper on “**A Review on Applications of Image Processing in Inspection of Cutting Tool Surfaces**” at First International Conference on Advances in Materials and Manufacturing Engineering conducted by Sri Sai Ram Engineering College.

## **Organized Workshops**

- Co-Convener of Students Development Programme On “**Solid Works**” organized by ASME, MEA and IE(I) student chapters during 14th – 19th March, 2016 in Gudlavalleru Engineering College.
- Organizing committee member for faculty development programme on “**Computational Fluid Dynamics**” organized by Department of Mechanical Engineering on 2nd – 7th January 2018 in Dhanekula Institute of Engineering and technology.
- Organizing committee member for faculty development programme on “**Mechatronics & Automation**” organized by Department of Mechanical Engineering on 26th – 28th August 2019 in Dhanekula Institute of Engineering and technology.

**Professional Societies Memberships:** L MISTE, ISEST, IAENG, IFERP, UAMAE

## **Achievements/ Awards etc.,**

- Got Best Researcher award for academic year 2019 by International Journal for Research Under Literal Access which is accredited by World Research Council.
- Gold Medal in Masters of Engineering.

**Putti Venkata Siva Teja**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

Name of the faculty

M. SIVA DURGA AJETHA



Designation

Assistant Professor

Email & Phone No

[ajethamotepalli@gmail.com](mailto:ajethamotepalli@gmail.com)

Department

Mechanical Engineering

Educational Background

1. M TECH from M V G R College of Engineering
2. Gokul Institute of Engineering and technology

Research Areas

Machine Design

Experience

5Years

Date of Joining

04-01-2016

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2016-Till Date

**M S D AJETHA**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



**Name of the faculty**

G PURNA CHANDRA RAO

**Designation**

Assistant Professor

**Email & Phone No**

[bindusarika333@gmail.com](mailto:bindusarika333@gmail.com)  
9849045789

**Department**

Mechanical Engineering

**Educational Background**

1. M TECH from NRI College of engineering
2. M.E from Nova college of engineering

**Research Areas**

Heat Exchangers

**Experience**

**Date of Joining**

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2017-Till Date

**G PURNA CHANDRA RAO**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



**Name of the faculty**

Shaik Mujeebur Rehman

**Designation**

Assistant Professor

**Email & Phone No**

[rehaman@gmail.com](mailto:rehaman@gmail.com)  
9849045789

**Department**

Mechanical Engineering

**Educational Background**

1. M TECH from AU College of engineering
2. JNTU K

**Research Areas**

MACHINE DESIGN

**Experience**

5

**Date of Joining**

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2017-Till Date

Papers published

3

**Shaik Mujeebur Rehman**



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Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

**FACULTY PROFILE**



**Name of the Faculty** Melam Ramagopal  
**Designation** Assistant Professor  
**Email & Phone No** [hosannalearningsource@gmail.com](mailto:hosannalearningsource@gmail.com) &

6300346023

**Department** Mechanical Engineering

**Educational Background**

1. M.Tech from V.R.Siddartha Engineering College, Affiliated to JNTU, Kakinada
2. B.Tech from Rajiv Gandhi University of Knowledge Technologies, Nuzvid

**Research Areas** NIL

**Experience** 4 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Assistant Professor	2019 – till date
2	DhaneKula Institute of Engineering and Technology	Lecturer	2015-2016, 2018-2019
3	Gudlavalleru Engineering College	Lecturer	2014-2015

**List of Publications (National and International Journals):**

1. “Strength improvement of welded joint by using random vibrations, ARPN journal of engineering & applied Sciences, 2016, ISSN : 1819-6608
2. “Effect of inbuilt cooling system in hot work rolls” IRJET, 2018 ISSN : 2395-0072

**National/International Conferences ((National and International):**

**2**

**Achievements / Awards etc: NIL**

**Melam Ramgopal**



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to JNTU, Kakinada)

Ganguru, Vijayawada-521131, Phone:0866-2583842/43

Email: [dietoffice2009@rediffmail.com](mailto:dietoffice2009@rediffmail.com) .URL:www.diet.ac.in

### FACUTY PROFILE

1. Name of the Faculty : NAGA SUDHA RANI BEHARA
2. Designation : Assistant Professor
3. E-mail & phone number : [nsrani@gmail.com](mailto:nsrani@gmail.com) &7989786319
4. Department : Mechanical Engineering



### 5. Educational Qualification : (from UG onwards)

S.NO.	QUALIFICATION	University/Institute	Specialization	Year of Completion	Class Obtained
1	B-Tech	V R SIDDHARTHA ENGINEERING COLLEGE ANU	Production Engineering	April-2008	First class with Distinction
2	M-Tech	DVR&HS NIC COLLEGE OF TECHNOLOGY JNTU-K	Machine Design	Nov-2012	First class with Distinction
3.	Ph.D.	Andhra University AU	Mechanical Vibrations	PURSUING	Enrolled in the 2018

### 6. Professional Experience : 07 Years

S.NO.	Institute/Organization	Position Held	Date Of Joining	Duration
1.	MSSIT	Lecturer	Sept 2008	2 Years
2.	DVR&HS MIC COLLEGE OF TECHNOLOGY	Asst. Professor	OCT 2011-MAY 2012	8 MONTHS
2.	Bapatla Women's Engg. college	Lecturer	01-01-2013	18 months
3.	Andhra Loyola Institute of Engg. & Technology	Asst. Professor	11-08-2014 to 15-10-2018	4 Years 2 months

4.	Dhanekula Institute of Engineering And Technology	Asst. Professor	14-11-2019 to till date	17 months
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### 7. Number of Publications :

S.NO	Status Of Journal	No. Of Publications
1.	International Journals	03
2.	National Journals	-
3.	International Conferences	04
4.	National Conferences	01

### 8. List of Publications :

#### International Journals: 03

S.No	Authors	Title Of The Research Paper	Name Of The Journal	Volume No.	Issue No.	Page No.	Year Of Publication	Impact Factor
1.	B.Susmitha; B.Naga Sudha Rani	Condition Monitoring of crusher in coal Handling Plant of Thermal Power station and Fault Diagnosis Using Expert System Algorithm	IJCMS	4	10	ISSN 2347-8527	Oct 2015	2.58
2.	NAGA SUDHA RANI B PANDU RANGA VUNDAVALLI	NEAR –OPTIMAL WALKING TRAJECTORY GENERATION OF A TWO-LEGGED ROBOT WITH SOFT SOLE ON STAIR CASDE USING PSO AND ABC	IJRAT IGI GLOBAL	3	2	IGI GLOBAL	JULY-DEC 2015	
3.	Naga Sudha Rani Behara	Application of Energy harvesting in the field of Mechanical Vibrations	IOP Conf. Series: Materials Science and Engineering journal IOP Publishing	1057	doi: 10.1088.	1757-899X/1057/1/012024	(2021) 012024	0.53

#### International Conferences:04

S.No	Authors	Title Of The Research Paper	Name Of The Proceedings	Page Nos	Date Of The Conference	Organized By
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1.	B.Naga Sudha Rani L.Sasirekha Lathan Dr.Pandu Ranga Vundavalli	Optimal walking of a biped robot on staircase with deformed sole using genetic algorithms"	ICMPC-2012	455-460	March 8-10	GRIET,HYD
2.	L.Sasirekha lathan B.Naga Sudha Rani Dr. Pandu Ranga Vundavalli	An Analytical approach For generating Dynamically Balanced Gaits For Obstacle crossing Biped Robot	ICAESM-2012	ISSN-978-81-909042-2-3	March30-31	IEEE
03	Naga Sudha Behara	Optimal walking of obstacle avoiding robot using blue tooth and voice recognition	ISME 2017		FEB 23-25 2017	NIT WARANGAL TELANGANA STATE
04	Naga Sudha Rani Behara et al	Application of Energy harvesting in the field of Mechanical Vibrations	International Conference on Research and Advances in Mechanical Engineering	ISBN 978-93-5416-854	10-11th Dec-2020.	VIT-HYD,TELANGANA

#### National Conferences:01

S.No	Authors	Title Of The Research Paper	Name Of The Proceedings	Page Nos	Date Of The Conference	Organized By
1.	B.NAGA SUDHA RANI M.MADHURI	Intelligent control of two link manipulator using inverse kinematics	Vignan mohostav		March 2008	Vignan institute of technology

#### 9. Membership in Professional organizations: - ISHRAE

#### 10. Other information (if any)

- Participated in **8 webinars,4 FDP'S,1 WORKSHOP and done 4 Coursera** courses during the lockdown period in the year 2020.
- Participated in HIGH IMPACT TEACHING SKILLS conducted by WIPRO Mission10x on April 10-11<sup>th</sup> 2012 .
- Participated in two Day National Seminar on “Applications Of Soft Computing Tools in Mechanical Engineering.
- Participated in MISSION 10X Faculty Training Programme conducted by WIPRO TECHNOLOGIES.
- Participated in FDP on ANSYS conducted at ALIET –VJA on 25-27 feb 2016.
- Participated in one day NBA ORIENTATION PROGRAMME at ALIET ON 06-06-2016.

- Participated in ONE WEEK FDP ON “RESEARCH PROBLEMS AND SOLVING TECHNIQUES IN MATERIALS AND MANUFACTURING ENGINEERING” at DYR&HS MIC COLLEGE OF TECHNOLOGY.
- Participated in TEACHER TRAINING PROGRAMME by BRITISH COUNCIL in association with **APSCHE** AT ALIET-VJA.
- Ratified by JNTU-KAKINADA as Asst.Professor in the month of Dec 2015.

Mrs.B.Naga Sudha Rani



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty** Mr. K PAVAN KUMAR  
**Designation** Assistant Professor  
**Email & Phone No** kpavan2030@gmail.com  
9573419566  
**Department** Mechanical Engineering



**Educational Background**  
1. M TECH from AMRITA University, Coimbatore  
2. B TECH from V R SIDDHARTHA, Vijayawada

**Research Area** Manufacturing Engineering

**Experience** 02

Sl. No	Institute	Designation	Period
2	DhaneKula Institute of Engineering & Technology	Assistant Professor	2019-Till Date
1	Lingayas Institute of Management & Technology	Assistant Professor	2017-2019

**K Pavan Kumar**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43. Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty:** OOHA BADATALA  
**Designation:** Assistant Professor  
**Email & Phone No:** [oohabadatala@gmail.com](mailto:oohabadatala@gmail.com)  
+91 8341727349  
**Department:** Mechanical Engineering



- **Educational Background:**
1. M.TECH from **D.M.S.S.V.H college of Engineering** Machilipatnam
  2. B.TECH from **D.M.S.S.V.H college of Engineering** Machilipatnam

**Research Area:** Machine Design

**Experience** 01

Sl. No	Institute	Designation	Period
2	Dhanekula Institute of Engineering & Technology	Assistant Professor	2020 -Till Date
1	D.M.S.S.V.H college of engineering Machilipatnam	Teaching staff	2017-2020

### Paper Publications:

- A paper on “Design & Analysis Of An Artificial Ankle Joint Under Various Loading Conditions” Vol 8 issue 4, April 2021, IRJET.
- A paper on “Investigation on vibrational behavior of laminated hybrid composites, 8 issue 2, February 2021, IRJET.

**Badatala ooha**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Mrs. Madala Phanitha

**Designation**

Assistant Professor

**Email & Phone No**

madalaphanitha@gmail.com  
9049079849

**Department**

Mechanical Engineering

**Educational Background**

1. M.E From Koneru Lakshmaiah University, Guntur
2. . B.Tech From Nagarjuna University, Guntur



**Experience**

05

**Date of Joining**

16-09-2020

Sl. No	Institute	Designation	Period
2	DhaneKula Institute of Engineering & Technology	Assistant Professor	2020-Till Date
1	Malla Reddy Engineering College	Assistant Professor	2011-2016

**Madala Phanitha**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



<b>Name of the faculty</b>	Mr. VENKATA L N MURTY J
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	chanti.narasimha@gmail.com 9951415269
<b>Department</b>	Mechanical Engineering
<b>Educational Background</b>	1. M.tech from JNTU-hyderabad 2. B.E from srkr engg college (Andhra University)
<b>Research Areas</b>	I C engines, Heat Transfer
<b>Experience</b>	04
<b>Date of Joining</b>	16-09-2020

Sl. No	Institute	Designation	Period
3	Dhanekula Institute of Engineering & Technology	Assistant Professor	17-09-2020-present date
2	Vishnu Institute of Technology	Assistant Professor	2014-2018
1	Oil country tubular limited	Graduate Engineer Trainee	2012-2012

### Book Chapters

NA

### List of Publications (National and International Journals)

**NA**

**Patents**

**NA**

**National/ International Conferences**

**NA**

**Achievements/ Awards etc.,**

**NA**

**VENKATA L N MURTY J**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Mr. Indupuri Satish

**Designation**

Assistant Professor

**Email & Phone No**

satishindupuri3110@gmail.com  
8985480208

**Department**

Mechanical Engineering



**Educational Background**

1. M.Tech From National Institute of Technology, Jamshedpur.
2. B.Tech From B V Chalamaiah Engineering college, Odalarevu.

**Research Areas**

Foundry Technology.

**Experience**

00

**Date of Joining**

19-10-2020.

## National/ International Conferences

- Presented a poster on “**Review On Waste Heat Recovery from Metal Casting and Scrap Pre-Heating Using Recovered Heat**” at National Conference on Advanced Material Processing Technology (AMPT-2019) conducted by National Institute of Technology, Jamshedpur.
- Presented a poster on “**Review On Cupola Furnace Slag: Its Properties and Utilization**” at National Conference on Advanced Material Processing Technology (AMPT-2019) conducted by National Institute of Technology, Jamshedpur.

**Indupuri Satish**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842  
/ 43. Email: dietoffice2009@rediffmail.com; URL:  
www.diet.ac.in

**FACULTY PROFILE**

**Name of the faculty** Mr. Ponnada Kranthi Kiran  
**Designation** Assistant Professor  
**Email & Phone No** kranthikiran099@gmail.com  
7702242272  
**Department** Mechanical Engineering



**Educational Background**  
1. M.Tech NIT Surathkal, Karnataka  
2. B.Tech at P.V.P Siddhartha Institute of Technology, Vijayawada

**Research Areas**  
Fatigue failure analysis, Macro and Meso scale simulation in  
mechanical behavior of materials

**Experience** 0

**Date of Joining** 18-09-2020

**Achievements/ Awards etc.**

- Secured rank of 12 in ECET-2014.

**Ponnada Kranthi Kiran**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Mr. Boyi Naga Durga Prasad

**Designation**

Assistant Professor

**Email & Phone No**

durgaprasadboyi@gmail.com  
9553960522

**Department**

Mechanical Engineering

**Educational Background**

1. M.Tech from IIT, Guwahati
2. B.Tech from RGUKT, Nuzvid

**Research Areas**

Nonlinear finite element methods, Computational mechanics

**Experience**

6 months

**Date of Joining**

28-09-2020



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2020-Till Date
2	A1 Global Institute of Engineering & Technology, Markapur	Assistant Professor	2019-2020

**Boyi Naga Durga Prasad**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

GUNJA BINDU SARIKA

**Designation**

Assistant Professor

**Email & Phone No**

[bindusarika333@gmail.com](mailto:bindusarika333@gmail.com)

9849045789

**Department**

Mechanical Engineering



**Educational Background**

1. M TECH from JNTUK-UCEV, Vizianagaram

2. M.E from V R SIDDHARTHA, Vijayawada

**Research Areas**

Heat Exchangers and CSP Technologies

**Experience**

**Date of Joining**

26-10-2020

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2020-Till Date

**Journals**

- Gunja Bindu Sarika, V. Mani Kumar, "Numerical analysis of shell and tube heat exchanger with continuous helical baffles by using Molten Salt and Thermal oils", an international journal of Emerging Technologies and Innovative Research, Volume 7, Issue 9, September 2020.

**Gunja Bindu Sarika**



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Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 /  
43. Email: dietoffice2009@rediffmail.com; URL:  
www.diet.ac.in

**FACULTY PROFILE**

**Name of the faculty**

Mr. ABBU VENKATESH

**Designation**

Assistant Professor

**Email & Phone No**

venkateshawesome@gmail.com  
9676481754

**Department**

Mechanical Engineering

**Specialization**

Machine Design

**Educational Background**

1. M. Tech from Acharya Nagarjuna University, Guntur.
2. B. Tech from Lakireddy Balireddy College of Engineering.

**Research Areas**

HVAC Design and Drafting, Computational Fluid Dynamics.

**Experience**

00

**Date of Joining**

02-11-2020

**Papers Of Publications**

Published a paper on Design of Maneuverable Ballistic Missile Configuration Integrated with Liquid-Fueled Ramjet Engine by the assistance of CFD Simulation, FEA Modal Analysis and Study State Thermal Analysis.

**FDPS Attended**

- One Week faculty development program on “**Recent Advances in Renewable Energy Technologies for Sustainable Development**” held from 25-09-2020 to 29-09-2020, through online mode, organized by the Department of Mechanical Engineering, NIT Andhra Pradesh.

- One Week faculty development program on “**ADVANCES IN ENGINE COMBUSTION AND EMISSION DIAGNOSTICS**” held from 05-10-2020 to 09-10-2020, through online mode, organized by the Department of Mechanical Engineering, NIT Andhra Pradesh.

- One Week faculty development program on “**Teaching and learning of advances in manufacturing technologies**”, organized by the department of mechanical engineering in association with the teaching learning center, National institute of technology Warangal, during 30<sup>th</sup> November -04<sup>th</sup> of November, 2020.



-One Week online Faculty Development Program on “**Digital Technologies in Design and Smart Manufacturing**” held from 07 Dec 2020 to 12 Dec 2020, through online mode, organized by Department of Mechanical Engineering, Sreenidhi Institute of Science and Technology, Hyderabad

- One Week faculty development program on "CFD" from 01-01-2021 to 08-01-2021 at L B S College of Engineering, Kasaragod funded by AICTE Training And Learning (ATAL) Academy.

**PROFESSIONAL MEMBERSHIPS:**

Having a life member fellowship from **International Association Of Engineers**.

**ABBU VENKATESH**



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Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43. Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty** TADANKI MANASA  
**Designation** Assistant Professor  
**Email & Phone No** [manasa.tadanki84@gmail.com](mailto:manasa.tadanki84@gmail.com)  
9553795350  
**Department** Mechanical Engineering



**Educational Background** ENGINEERING, Visakhapatnam  
1. M TECH from GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING, Visakhapatnam  
2. M.E from V R SIDDHARTHA, Vijayawada  
**Research Area** Composites

### Experience

**Date of Joining** 22-04-2021

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2021-Till Date

**Tadanki Manasa**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the faculty**

Mr. D S S Maharshi

**Designation**

Assistant Professor

**Email & Phone No**

dssmaharshi@gmail.com

**Department**

8008011104  
Mechanical Engineering



**Educational Background**

1. M.Tech From JNTUA College of Engineering, Anantapuram.
2. B.Tech From Bapatla Engineering College, Bapatla.

**Research Areas**

Product Design

**Experience**

00

**Date of Joining**

24-04-2021

**Achievements**

**Prathibha award** by Govt Of AP, in the year 2015.

**Journals**

“**Design and Analysis of Rocket Hardware Preparation Machine**” published in International Journal of Emerging Technology and Innovative Research, Volume 7, Issue 11, November 2020.

**D S S Maharshi**



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Kakinada)Ganguru,Vijayawada-521131.Phone:0866-  
2583842/43.Email:dietoffice2009@rediffmail.com;URL:www  
.diet.ac.in

## FACULTYPROFILE



**NameoftheFaculty** Dr.G.Vinay Kumar

**Designation** Professor

**Email** gaddam\_vinay@ymail.com

**Department** CivilEngineering

### Educational Background

1. Ph.D (Civil Engineering), Visvesvaraya Technological University Belagavi (incollaboration with Divecha Centre for Climate Change, Indian Institute of Science,Bangalore).
2. Diploma in Earth Sciences, University of Iceland
3. M.Tech (Remote Sensing and GIS) conducted by Snow and Avalanche Studies Establishment, DRDO and BharathairUniversity, Coimbatore, India

### Experience

Sl. No	Institute	Designation	Period
1	Divecha Centre for Climate Change, Indian Institute of Science, India.	Research fellow	2011-2015
2	ESSO-National Center for Polar Sciences and Ocean Research, India	Research Scientist B	2015-2019
3	Dhanekula institute of Engineering and Technology	Associate Professor	April-2019 to present

## Listof Publications (National and International Journals)

- Vinay Kumar Gaddam, Kulkarni, A.V. and Gupta, A.K. (2016). Estimation of glacial retreat and mass loss in Baspa basin, Western Himalaya. *Spatial Information Research*, 24(3), pp.257-266.
- Vinay Kumar Gaddam, Kulkarni, A.V. and Gupta, A.K. (2017a). Reconstruction of Specific mass balance for glaciers in Western Himalaya using Seasonal Sensitivity Characteristic (s). *Journal of Earth System Science*, 126(4), p.55.
- Vinay Kumar Gaddam, Kulkarni, A.V., Gupta, A.K. and Sharma, P (2017b). Mass balance estimation using geodetic method for glaciers in Baspa basin, Western Himalaya. *Current Science*, 113(3), pp.486-492.
- Vinay Kumar Gaddam, Kulkarni, A.V. and Gupta, A.K (2018a). Assessment of snow-glacier melt and rainfall contribution to stream runoff in Baspa Basin, Indian Himalaya. *Environmental Monitoring and Assessment*, 190: 154. <https://doi.org/10.1007/s10661-018-6520-y>
- Vinay Kumar Gaddam, Kulkarni, A.V. and Gupta, A.K (2019). Assessment of the Baspa basin glaciers mass budget using different remote sensing methods and modeling techniques, *Geocarto International*, 1010-6049, doi: 10.1080/10106049.2018.1516247
- Kulkarni, A.V., Vinay Kumar, G., Negi, H.S., Srinivasan, J. and Satheesh, S.K., 2013. The effect of black carbon on reflectance of snow in the accumulation area of glaciers in the Baspa basin, Himachal Pradesh, India. *The Cryosphere Discussions*, 7(2), pp.1359-1382.
- Negi, H.S., Datt, P., Thakur, N.K., Ganju, A., Bhatia, V.K. and Vinay Kumar Gaddam., 2017. Observed spatio-temporal changes of winter snow albedo over the north- west Himalaya. *International Journal of Climatology*, 37(5), pp.2304-2317.
- Vinay Kumar Gaddam, Parmanand Sharma, Lavkush K. Patel, ThambanMeloth, Ajit Singh, (2016). Analysis of spatio-temporal variations in snow cover over Western Himalaya, *Proc. SPIE 9877, Land Surface and Cryosphere Remote Sensing III*, 98772A; doi: 10.1117/12.2223633; <http://dx.doi.org/10.1117/12.2223633>
- Vinay Kumar Gaddam, Parmanand Sharma, Lavkush K. Patel, MelothThamban, Ajit Singh (2016). Spatio-temporal changes observed in supra-glacial debris cover in Chenab Basins, Western Himalaya, *Proc. SPIE 9878, Remote Sensing of the Oceans and Inland Waters: Techniques, Applications, and Challenges*, 98781F; doi: 10.1117/12.2227993; <http://dx.doi.org/10.1117/12.2227993>

- Bhanu pratap, Parmanand Sharma, Lavkushpatel, Ajit singh, Vinay Kumar Gaddam, ThambanMeloth. Reconciling high glacier surface melting in summer with air temperature in semi arid zone of Western Himalaya (accepted in WATER, MDPI)
- AjitT. Singh, Waliur Rahaman, Parmanand Sharma, Laluraj C.M., Lavkush Patel, BhanuPratap, Vinay Kumar Gaddam, MelothThamban, Hydrograph components and moisture sources at the Sutri Dhaka glacier, Chandra Basin, Western Himalaya (in review)
- Evaluation of supraglacial debris cover and the quantification of mass loss for debris covered glaciers (in review)analysis of rainfall and temperature conditions in Western Himalaya using Remote Sensing and Ancillary datasets (in review)

**National/InternationalConferences((NationalandInternational): 18**

**Faculty DevelopmentProgram: 06**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### FACULTY PROFILE

Name of the Faculty Dr.Ch.leelavathi

Designation Associate Professor

Email & Phone No [chagantileela@gmail.com](mailto:chagantileela@gmail.com) & 7981619695

Department Civil Engineering

Educational Background

1. Ph.D from "Sunrise University Alwar, New Delhi.
2. M.sc. From Osmania University College of Science, Hyderabad.
3. B.Sc, From Osmania University College of Science, Hyderabad.

Research Areas

Municipal solid waste Management An Integrated approach for sustainable practices of smart city in India.

Experience 12 Years ( 9 Years of Teaching and 3 years of Industrial Experience)



Sl. No	Institute	Designation	Period
3	DhaneKula Institute of Engineering & Technology	Assoct. Prof	2012 - till date
2	Vignan Institute of Engineering & Technology, Hyderabad	Asst. Prof	2011 - 2012
1	Mars Therapeutics & Chemicals	Analyst in Quality Control (QC)	2008 - 2011

List of Publications (National and International Journals):

- 1. Cross-linked Leucaena Seed Gum Matrix: An Affinity Chromatography Tool for Galactose-specific Lectins, Journal of Biochemistry and Molecular Biology
- Ambient Air Quality Forecasting and Assessment of Urban Vijayawada National Conference on Air Pollution and Remedial measures,
- Physicochemical characterization of ground water of Autonagar, Vijayawada. International Journal of Engineering Developments and Research. : ISSN 2321-9939.

## National/International Conferences ((National and International)

02

Achievements / Awards etc.,

1. Qualified NET-2000 from ICAR.

Workshops

2. Participated in NPTEL workshop on 15<sup>th</sup> February, 2016 organized by National Programme on Technology Enhanced Learning (IIT Madras) at GITAM University.

3. Participated in Innovative Teaching Methodologies by. Dr.R.Rajagopalan on 3<sup>rd</sup> October 2016 at RVR&JC College of Engineering and Technology, Guntur.

4. Applications of Differential Global Positioning System (DGPS) for Forest Resource Management and Planning. National Symposium "Environmental Problems and Solutions", Osmania University.

5. Geospatial Information Systems and Global Positioning System Applications in the Field of Environmental Impact Assessments.

### CERTIFICATIONS

1. Certified by National Institute of Environment and Engineering Research Institute (NEERI) Nagpur "Advanced Instrumental Analytical Techniques", during 13-15 September 2017

2. Certified by the British Council as a Teacher Trainer for a 10days and delivered English and Employability skills to learners as a part of the Andhra Pradesh Higher Education English communication skills project 2017-2018

3. Completed Faculty Development Programme (FDP 101X, 201X) conducted by IIT Bombay on Pedagogy for Online and Blended Teaching Learning Process. 2018-19.

Dr.Ch.Leelavathi



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty:** Thota Rajini Devi  
**Designation:** Assistant Professor  
**Email & PhoneNo:** [rajinidiet2013@gmail.com](mailto:rajinidiet2013@gmail.com)  
**Department :** Civil Engineering



**Educational Background :** B.Tech (KLCE-Acharya Nagarjuna University)  
M.Tech (MIST - JNTU HYDERABAD)  
(Ph.D.) (Acharya Nagarjuna University)

**Research Areas :** Structural Engineering

**Experience : 8years**

Sl.No	Institution	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	06.06.2013 to Till Date

### List of Publications (National and International Journals):

1. Experimental Studies on the Mechanical Properties of Composite Concrete in IJIRT, Volume 2 Issue 12 May 2016.
2. Experimental Studies on Mechanical Properties of Light Weight Expanded Clay Aggregates and Silica Fume in IRJET Vol - 6 Issue - 3 March 2019

### National/International Conferences ((National and International)

1. International Conference on Nano Robotics and Artificial Intelligence of Engineering Applications (ICRAI2020), on "Development of Normal Grade Concrete Using Waste Rubber".
2. International Conference on Advances in Engineering Research (IAETSD), on "The Experimental Investigation on Behavior of Micro Silica in Concrete".
3. International Conference on Electrical, Electronics engineering Trends, Communication, Optimization and Sciences (EEECOS) on "Experimental Investigation on "Ground Granulated Blast Furnace Slag in Concrete".

**T.Rajini Devi**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** Kishore Kumar Tadi  
**Designation** Asst Professor  
**Email & Phone No** [kishore.tadi@gmail.com](mailto:kishore.tadi@gmail.com) & 8019301323  
**Date of Joining** 04-11-2013  
**Nature of Association** Regular



**Department** Civil Engineering

**Educational Background**

1. Pursuing Ph.D From ANU, Guntur
2. M.E From AU, Visakhapatnam
3. B.Tech From ANU, Guntur

**Research Areas** Ground Improvement Techniques, Foundation Design, Flexible pavements.

**Experience** 5 Years

Sl. No	Institute	Designation	Period
2	Dhanekula Engineering College	Asso.Prof	2013 - till date
1	SVIET, Nandamuru	Asst. Prof	2012 - 2013

### List of Publications (National and International Journals)

1. T.Kishore kumar, CH Srivarma and V.Surya Teja "Stabilization of soil by using Agricultural waste"." *International Journal of Innovative Research in Technology*" (IJIRT) Volume 3 Issue1 June 2016.

### National/International Conferences ((National and International)

1. Participated in 6th Indian Young Geotechnical Conference 6IYGEC, NIT Tiruchirapalli, 10<sup>th</sup> & 11<sup>th</sup> March 2017.

### Achievements / Awards

1. Best Teacher award in civil Engineering Department, DhaneKula Institute of Engg&Tech for the Academic year 2015-16.


T. Kishore Kumar



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	K P Manjusha	
<b>Designation</b>	Assistant Professor	
<b>Email</b>	manjusdiet@gmail.com	
<b>Department</b>	Civil Engineering	
<b>Educational Background</b>	1. M. Tech From RVR&JC, Guntur 2. B. Tech From SSCET(JNTUK), Lankapalli	
<b>Research Areas</b>	Special Concrete, Functionally Graded Concrete	
<b>Experience</b>	6 Years 7months	

Sl. No	Institute	Designation	Period
1.	RVR & JC College of Engineering	Asst. Prof	Jan 2014-Nov 2014
2.	Dhanekula Engineering College	Asst. Prof	Nov 2014 - till date

### List of Publications (National and International Journals)

1. Kollipara Parvathi Manjusha "Analysis and Design of a Siphon Aqueduct", International Journal of Engineering Development and Research, Vol. 4 Issue 2 June 2016.
2. K.P Manjusha "Comparative study between bitumen roads and plastic bitumen Roads," International Research Journal of Engineering and Technology(IRJET) Volume: 06 Issue: 03 Mar2019.
3. K P Manjusha "An Experimental Study Of Polypropylene Fiber Reinforced Concrete", International Research Journal of Engineering and Technology(IRJET) Volume: 06 Issue: 03 Mar2019.

### National/International Conferences ((National and International):

1. NIL

### Faculty Development Program

1. Three-day Faculty development Program on "Recent Advances in Concrete Technology(ReACT)" , National Institute of Technology, Warangal, March - 2017.
2. Faculty development programme on Non Destructive Testing on Civil Engineering Structures, Mallareddy Engineering College , Maisammaguda, Secunderabad, July-2019.
3. Online Faculty Development Programme on "Advances in Building Designs: Pre Engineered Design Methodology and Limit State Design Applications".
4. Faculty Development Programme on "SMART MATERIALS IN CONSTRUCTION" during 25th June - 1st July 2020 in association with Student Chapter of American Concrete Institute .
5. Online Faculty Development Programme on Building Information Modeling organized by Andhra Pradesh State Skill Development Corporation (APSSDC).

**K. P.Manjusha**



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Email: dietoffice2009@rediffmail.com; URL: [www.diet.ac.in](http://www.diet.ac.in)

### FACULTY PROFILE



**Name of the Faculty** Kantamaneni Vamsi Krishna  
**Designation** Assistant Professor  
**Email** [vamsikantamaneni48@gmail.com](mailto:vamsikantamaneni48@gmail.com), [kvamsikrishna@diet.ac.in](mailto:kvamsikrishna@diet.ac.in)  
**Phone No** 9542697567, 9160232444  
**Date of Joining** 27.06.2015  
**Nature of Association** Regular  
**Department** Civil Engineering  
**Educational Background** 1. M.Tech From ANU, Guntur  
2. B. Tech From ANU, Guntur  
**Research Areas** Structures  
**Experience** 5 Year 10 months

Sl. No	Institute	Designation	Period
1.	DhaneKula Institute of Engineering & Technology	Asst.Prof	June 2015 - till date

#### List of Publications (National and International Journals)

1. Published paper on Analysis & Design of Reinforced Concrete Rectangular Shear Wall in IJIRT, Volume 2 Issue 12 May 2016
2. Published paper on Role of Parameters on Mechanical Properties of Fly Ash based M30 Geo-polymer Concrete & Silica Fume Concrete in IJCIET, Volume 8 Issue 6 June 2017.
3. Published paper on Analysis and Design of Box Culvert Bridge in IJRAR, Volume 6 Issue 1 March 2019.
4. Published paper on Seismic Analysis for Vertically Geometric Irregularity using E-Tabs in IRJET, Volume 6 Issue 3 March 2019.

National/International Conferences (National and International): NIL

Achievements / Awards etc.,: NIL

K. Vamsi Krishna

**K. Vamsi Krishna**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** MUSUNURU VINEELA  
**Designation** Assistant Professor  
**Email & Phone No** [vineela.diet@gmail.com](mailto:vineela.diet@gmail.com) & 7893182622  
**Date of Joining** 09-06-2016  
**Nature of Association** Regular  
**Department** Civil Engineering



**Educational Background:** 1. M.Tech in (SE&NDM) Structural Engineering & Natural Disaster Management From GITAM University, Vizag.  
2. B.Tech in Civil Engineering From VR Siddhartha, Nagarjuna University.  
3. PGDM in (EHS) Environmental, Health & Safety Management from APPC, Hyderabad.

**Research Areas:** Special Concretes and Structural Design  
**Experience:** 5 Years

Sl. No	Institute	Designation	Period
1	DVR & Dr. HS MIC College of Engineering & Technology	Assistant Professor	Jan 2016 - May 2016
2	DhaneKula Institute of Engineering & Technology	Assistant Professor	June 2016 - till date

### List of Publications (National and International Journals)

1. Published a paper on "Experimental Study on Glass Fiber Reinforced Concrete with Partial Replacement of Cement by Rice Husk Ash and Fine Aggregate by Copper Slag and Quarry Dust" in Volume 7, Issue III, March 2019 (IJRASET) International Journal For Research in Applied Science and Engineering Technology.

### National/International Conferences ((National and International)

1. Presented a Paper on Improvement of Sub Grade CBR Value with Addition of Tile Dust and Silica Fume at Varying Percentages in National Conference on Technological Innovations in Civil Engineering [NCTICE 2017]
2. Presented a Paper on Runway Design for an International Airport in National Conference on Technological Innovations in Civil Engineering [NCTICE 2017]

**Awards or Recognitions etc.,**

Ratified as Assistant Professor by JNTUK, on 13<sup>th</sup> MARCH 2017

**Professional Membership/Certification:**

1. Member in ISTE (Indian Society for Technical Education) from 2017 ID – LM 116971
2. Member in IGS (Indian Geotechnical Society) from 2018 ID – LLM 351

**Certification Courses:**

1. 1 GIS Training program on Arc GIS 2: Essential Work flows
2. 1 NPTEL, Online Certification in Advanced Concrete Technology
3. Hands on Training on ETABS
4. 2 Course era certification programs

**Seminar's/ Webinar's Attended: 26****Workshop's Attended : 1**

1. Participated in 1-Day workshop on NEERU PRAGATHI and IRRIGATION VISION DOCUMENT organized by Water Resources Development, Government of Andhra Pradesh, on 18<sup>th</sup> February 2017.

**FDP's Attended: 3 (Offline) -8(Online)**

1. Participated in 3-Day FDP on Advances in Structural Health Monitoring of Civil Infrastructure (ASHMCI) organized by NIT – Warangal during 22<sup>nd</sup> -24<sup>th</sup> March, 2017.
2. Participated in 5-Day FDP Workshop on “Effective Teaching Learning Practices For Design And Operation Of Waste Water Treatment Systems” organized by NIT – Warangal during 9<sup>th</sup> -13<sup>th</sup> April, 2018.
3. Participated in 1-week FDP on “DESIGN OF STRUCTURES – A PRACTICAL APPROACH” organized by GEC during 26<sup>th</sup> -30<sup>th</sup> November, 2018.

M.Vineela

**Signature**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



<b>Name of the Faculty</b>	GAVIRNENI PRIYANKA
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	priyankagavirneni178@gmail.com & 9542491599
<b>Department</b>	Civil Engineering
<b>Educational Background</b>	1. M.Tech From VR Siddhartha, JNTUK 2. B.Tech From VR Siddhartha, JNTUK
<b>Research Areas</b>	Special Concretes
<b>Experience</b>	3 Years 6 Months

Sl.No	Institution	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	Oct 2017-till date

### List of Publications (National and International Journals)

1. Published a paper on "Mechanical Properties Of Self Compacting Concrete With Glass Fibers" International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 11 , Nov -2017.
2. Published a paper on "Comparative Study on Partial Replacement of Cement with Quarry dust and Rice Husk ash" International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue:3 , March -2019.
3. Published a paper on "A Study on fly Mechanical properties of Geopolymer Concrete" International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue:3 , March -2019

### National/International Conferences ((National and International))

NIL

**Achievements / Awards etc., NIL**

Gavirneni Priyanka



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** K.N.V. Siva prasad

**Designation** Assistant Professor

**Email & Phone No** Sivanagendrakoya@gmail.com

**Department** Civil Engineering

**Educational Background**

1. M.Tech ( EE) From KL UNIVERSITY GUNTUR
2. B.TECH From JNTU KAKINADA
3. DIPLOMA From MRK Polytechnic, VEERAVASARAM

**Research Areas** Design of water and sewage treatment plants

**Experience** 11 months



Sl. No	Institute	Designation	Period
1	Dhanekula Engineering College	Ass.Prof	Nov2019- till date

### List of Publications (National and International Journals)

1. Koya Naga Venkata Siva Prasad , Naga Chaitanya Kavuri “Application of Biological Coagulation in Sedimentation Process” International Journal of Recent Technology and Technology ISSN: 2277-3878 VOLUME-7 ISSUE -6C2, APRIL 2019.

2. Suriseti Vamsi Harischandra Prasad, A.Aravindan, Koya Naga Venkata Siva Prasad “Sustainability of Gosthani River and Design of Sewage Treatment Plant for tanuku town, West Godavari District, Andhra Pradesh, India.” International Journal of Recent Technology and Technology ISSN: 2277-3878 VOLUME-7 ISSUE -6C2, APRIL 2019.

## **National/International Conferences ((National and International)**

Take an active Presentation on Application of biological coagulation in sedimentation process in 2nd International Conferences on Advances in Civil Engineering ( ICACE -2019). in KL UNIVERSITY

## **Achievements / Awards etc.,**

NIL

## **Memberships:**

- Institution of Engineers India AM 181767- 4
- Indian society of WATER RESOURCES LM19-7816
- Indian society of HYDRAULICS LM- 1443
- Indian water works Association SM- 2517
- International Society for Research and Development LM-4150905678
- Institute of Research Engineers & Doctors AM-101000581845
- International Association of Engineers M-21290
- Indian Environmental Network

**K.N.V.Siva prasad**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Meka Sai Ganesh
<b>Designation</b>	Associate Professor
<b>Email &amp; Phone No</b>	Saiganeshmeka1@gmail.com & 8125527560
<b>Department</b>	Civil Engineering
<b>Educational Background</b>	1. M. Tech From VRSEC, Kanuru. 2. B. Tech From DIET, Ganguru.



**Research Areas**

**Experience**

NIL

**List of Publications (National and International Journals)**

NIL

**National/International Conferences ((National and International)**

NIL

**Achievements / Awards etc.,**

NIL

**M. Sai Ganesh**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Narasimha Rao Veeravelli
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:vnrao130@gmail.com">vnrao130@gmail.com</a> & 9700744477
<b>Department</b>	CivilEngineering
<b>Educational Background</b>	1. M.Tech From JNUTH, 2. B.Tech From JNTUH,
<b>Research Areas</b>	Nil
<b>Experience</b>	6 Years



Sl. No	Institute	Designation	Period
4	Dhanekula Engineering College	Asst.Prof	2019 - till date
1	Khammam institute of tech & sciences	Asst prof	2013-2019

### List of Publications (National and International Journals)

### National/International Conferences ((National and International)

NIL

### Achievements / Awards etc.,

NIL

V.Narasimha Rao



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE



<b>Name of the Faculty</b>	YALAMANCHILI RAJASHREE
<b>Designation</b>	Assistant Professor
<b>Email &amp;Phone No</b>	rajashree2024@gmail.com, 7702439035
<b>Department</b>	Civil Engineering
<b>Educational Background</b>	1. M. Tech Environmental Engineering, Amity University, Noida 2. B.Tech, DhaneKula Institute of Engineering & Technology
<b>Research Area</b>	Treatment of Wastewater from Bulk Drug Industry aided with Zero Liquid Discharge (ZLD) System.
<b>Experience</b>	07 months of Industrial Experience

Sl.NO	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	Sep 2020 – till date
2	NATCO Pharma, Mekaguda	Trainee	Jan 2020 – May 2020
3	WAPCOS Ltd, Gurgaon	Trainee	May 2020 – June 2020
4	Dilip BuildCon Ltd,	Trainee	April 2017- May 2017

**List of Publications (National and International Journals) :** None

**National/International Conferences ((National and International):** None

**Achievements / Awards etc.,**

1. Achieved first place in constituency level elocution competition conducted by Gandhi Global Family in 2011.
2. Diploma in Building Drawing.
3. Certified in Lower grade drawing.

Yalamanchili Rajashree



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** Vijaya Mahathi Vemuri  
**Designation** Assistant Professor  
**Email & Phone No** [vijayamahathi.vemuri@gmail.com](mailto:vijayamahathi.vemuri@gmail.com) &  
8106751666  
**Department** Civil Engineering



**Educational Background**

1. M.E. From VNR, Ponnuru, Affiliated to JNTUK
2. B.Tech., From VRSEC, Kanuru, Affiliated to ANU

## Experience

7Years ( 5.5 Years of Industrial and 1.5 Years of Teaching)

Sl. No	Institute	Designation	Period
4	DhaneKula Engineering College	Asst. Prof	2020 - till date
3	Secmec consultants Pvt Ltd	Design Engineer	2017 - 2018
2	Saketh Infracon Pvt Ltd	Design Engineer	2013 - 2017
1	S.R.K Institute of Technology	Asst.Prof	2010 - 2011

Vijaya Mahathi Vemuri



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** : Babu Rao Kanapala  
**Designation** : Assistant Professor  
**Email** : baburao.kanapala@gmail.com  
**Department** : Civil Engineering



**Educational Background** : 1. M.Tech (IDM) from Indian Institute of Technology, Kharagpur  
2. B.Tech from Bapatla Engineering College, Bapatla

**Research Areas** : Structural Engineering

**Experience** : 7 years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	March 2021 – till date
2	Bapatla Engineering College	Assistant Professor	July 2014 – Oct 2020

**List of Publications (National and International Journals)** : Nil

**National/International Conferences ((National and International)** : 2

### Workshops

- 1) Participated in two-day workshop on “**Strengthening of Civil Infrastructure using Advanced Technologies – Challenges and Opportunities**” organized by IIT Hyderabad, during August 16<sup>th</sup> and 17<sup>th</sup> 2019.
- 2) Participated in one-day workshop on “**Repair, Rehabilitation and Retrofitting of Concrete Structures**” organized by the Department of Civil Engineering, Bapatla Engineering College, Bapatla, on 1<sup>st</sup> December, 2018.
- 3) Participated in one-day workshop on “**Structural Engineering Solutions using STAAD.Pro**” organized by V.R. Siddhartha Engineering College, Vijayawada, on 5<sup>th</sup> May, 2015.

### Conferences

- 4) Participated in “**2<sup>nd</sup> National Conference on Technologies Innovations in Civil Engineering (NCTICE-2019)**” held at Vignan University, vadlamudi, during 22<sup>nd</sup> and 23<sup>rd</sup> August, 2019
- 5) Joint Secretary, “**National Conference on Emerging Technologies in Civil Engineering**” organized by the Department of Civil Engineering, Bapatla Engineering College, during 6<sup>th</sup> and 7<sup>th</sup> March, 2020.

### **Webinars**

- 1) Participated in Webinar on “**Advanced Geophysical Investigations for Infrastructure Projects**” organized by Engineering Council of India on 18<sup>th</sup> September, 2020

### **Awards and Recognition**

- 1) Professional Structural Engineer. Recognized by Engineering Council of India(ECI), Regd. No PE/00001/20
- 2) Licensed Structural Engineer, AMRDA, Vijayawada, A.P.
- 3) Member, Construction Industry Development Council, A.P.

**Babu Rao Kanapala**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	N Pratyusha
<b>Designation</b>	Assistant Professor
<b>Email</b>	<a href="mailto:nibhanupudipratyusha@gmail.com">nibhanupudipratyusha@gmail.com</a>
<b>Department</b>	Civil Engineering
<b>Educational Background</b>	1. M. Tech From KL University 2. B. Tech From Bhimavaram Institute of Engineering & Technology
<b>Research Areas</b>	Construction technology and management
<b>Experience</b>	



Sl. No	Institute	Designation	Period
1.	Dhanekula Engineering College	Asst. Prof	April 2021 - till date

### List of Publications (National and International Journals)

- 1) P, Nibhanupudi., GB, Rahul. Comparative study on use of precast framed structure and precast load bearing wall structure, Materials Today: Proceedings, Volume 33, Part 1,2020, Pages 537-542, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.05.219>.

**National/International Conferences ((National and International): NIL**

**Faculty Development Program: NIL**

**N. Pratyusha**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

Name of the Faculty : **KADIYAM VENKATA KRISHNA**

Designation : Assistant Professor

Email : kvk.krishna000@gmail.com

Department : **CIVIL ENGINEERING**

Educational Background : **MTech (STRUCTURAL ENGINEERING) – IIT GUWAHATI**

**BTech (CIVIL ENGINEERING) – RGUKT NUZVID (APIIIT NUZVID)**



Research Areas : **RETROFITTING, BRIDGES.**

### Experience

Sl. No	Institute	Designation	Period
1	Spectrum Techno Consultants Pvt Ltd	Asst.Design Engineer	8months

List of Publications (National and International Journals)

National/International Conferences ((National and International):

Faculty Development Program

Signature



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## FACULTY PROFILE

**Name of the Faculty:** SUGALI VARTI CHINNA SWAMI NAIK

**Designation:** ASSISTANT PROFESSOR

**Email:** 18m723@nith.ac.in

**Department:** CIVIL ENGINEERING

**Educational Background:**

**M-Tech:** - NIT-HAMIRPUR, HIMACHAL PRADESH  
(ENVIRONMENTAL ENGINEERING), (2018-2020)

**B-Tech:** - IIIT- R.K VALLEY (CIVIL ENGINEERING), (2014-2018)

**PUC:** - IIIT-R. K VALLEY (M-Bi.P.C), (2012-2014)

**SSC:** - ZPH SCHOOL, LADDAGIRI, (2012)



**Research Areas:** DESIGN OF ELECTRO CHEMICAL REACTOR FOR CO<sub>2</sub> REDUCTION

**Experience:** 1 month

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering Technology	Assistant professor	2021-till date

**List of Publications (National and International Journals):** NIL

**National/International Conferences ((National and International):** NIL

**Faculty Development Program:** NIL

**Achievements / Awards etc., :** Qualified in GATE:2018,2019,2021( RANK:1143 )

**Signature**

*S.v.chinnaswamy Naik*



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)  
Ganguru, Vijayawada - 521131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** : Raju Gogam  
**Designation** : Assistant Professor  
**Email** : rajugogam11@gmail.com  
**Department** : Civil Engineering



**Educational Background** : 1. M.Tech (GTE) from V.R.Siddhartha Engineering College  
2. B.Tech from DhaneKula Institute of Engineering & Technology

**Research Areas** : Geotechnical Engineering

**Experience** : 2.5 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	March 2021 – till date
2	Vikas College of Engineering & Technology	Assistant Professor	July 2019 – March 2021
3	Lingayas Institute of Management & Technology	Assistant Professor	Nov 2018 – June 2019

**List of Publications (National and International Journals)** : Nil

**National/International Conferences ((National and International)** : Nil

### Faculty Development Program:

- 1) Participated in online FDP on “**Advances in Building Design: Pre Engineered Design Methodology and Limit State Design Applications**” organized by Civil Engineering Department, VRSEC under **AICTE-MARGDARSHAN Scheme** from 17<sup>th</sup> – 20<sup>th</sup> June 2020.
- 2) Participated in three day online FDP on “**Recent & Emerging Trends in Civil Engineering**” organized by Andhra Loyola Institute of Engineering & Technology from 28<sup>th</sup> – 30<sup>th</sup> May 2020.

**Raju Gogam**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty**                      **NANDAM JAGADEESH**

**Designation**                                **ASSISTANT PROFESSOR**

**Email**                                         **nandamjagadeesh@gmail.com**

**Department**                                **CIVIL ENGINEERING**

**Educational Background**                **M.TECH(Construction Technology and Management)**

**Research Areas**                         **Construction technologies, Green buildings**

**Experience**                                 **4.1 Y**



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Assistant Professor	3.02.2017 to 11.7.2019
2.	School of Planning and Architecture, Vijayawada	Assistant Professor	12.7.2019 to 6.12.2019
3.	JBR Architecture college ,Hyderabad	Assistant Professor	18.12.2019 to 30.4.2021
4.	DhaneKula Institute of Engineering and Technology	Assistant Professor	1.5.2021 to till date

### List of Publications (National and International Journals)

1. STUDY ON SMART CITY TO TRANSFORM 23<sup>rd</sup> WARD OF VIJAYAWADA MUNICIPAL CORPORATION TO SMART WARD Paper published in INTERNATIONAL JOURNAL OF CIVIL ENGINEERING & TECHNOLOGY (IJCIET-SCOPUS INDEX)
2. Paper published in INTERNATIONAL JOURNAL OF MANAGEMENT ,TECHNOLOGY AND ENGINEERING(COMPARASION BETWEEN CONVENTIONAL AND MONOLITHIC TECHNOLOGY)
3. Paper published in INTERNATIONAL JOURNAL OF MANAGEMENT ,TECHNOLOGY AND ENGINEERING(USAGE OF CONSTRUCTION AND DEMOLITION WASTE AS RECYCLED CEMENT IN CONCRETE)

### National/International Conferences ((National and International):

1. Participated in IGBC conference,Hyderabad 2014

### Faculty Development Program

1. Participated in two day workshop programme on high rise buildings and soil structure interaction at NIT WARANGAL ,march 2017

N. Jagadeesh.

Signature



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** N D Phanija

**Designation** Assistant Professor

**Email** [phanija25@gmail.com](mailto:phanija25@gmail.com)

**Department** Civil Engineering

**Educational Background**

1. M. Tech From VR Siddhartha, Vijayawada
2. B. Tech From VR Siddhartha, Vijayawada

**Research Areas** Geo-environmental engineering, Ground improvement techniques

### Experience

Sl. No	Institute	Designation	Period
1.	Dhanekula Engineering College	Asst. Prof	April 2021 - till date

### List of Publications (National and International Journals)

1. Phanija, N., Chavali, R.V.P. Solidification/stabilization of copper-contaminated soil using phosphogypsum. *Innov. Infrastruct. Solut.* 6, 145 (2021). <https://doi.org/10.1007/s41062-021-00497-x>

**National/International Conferences ((National and International): NIL**

### Faculty Development Program

1. Three-day Faculty development Program on "FORENSICS IN GEOTECHNICAL ENGINEERING", Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, May - 2019.

**N. Phanija**







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## FACULTY PROFILE



<b>Name of the Faculty</b>	Dr. I SAI RAM
<b>Designation</b>	Professor
<b>Email &amp; Phone No</b>	Inkollusiararam @gmail.com& 9290535464
<b>Date of Joining</b>	21.06.2010
<b>Nature of Association</b>	Regular
<b>Department</b>	Electrical and Electronics Engineering
<b>Educational Background</b>	1. Ph.D From JNTU, Kakinada 2. M.Tech From JNTU, Hyderabad 3. M.S From BITS, Pilani, 4. B.Tech From JNTU, Hyderabad
<b>Research Areas</b>	Power systems
<b>Experience</b>	22Years

S.No	Institute	Designation	Period
1	DhaneKula Institute Of Engineering & Technology, Ganguru	Professor & HOD	21-06-2010 to Till date
2	Guntur Engineering College, Guntur	Professor & HOD	07-06-2009 to 12-04-2010
3	P.V.P.Siddharatha Institue of Technology, Vijayawada	Associate Professor	15-11-2005 to 31-05-2009
4	Koneru Lakshamiah College of Engineering, Vijayawada	Sr Assistant Professor	07-12-2004 to 10-11-2005
5	Sri Vasavi Engg.College, Tadepalligudem	Assistant Professor	01-12-2003 to 1-12-2004
6	Sri Aditya Engg.College, Surampalem	Assistant Professor	01-01-2003 to 31-11- 2003
7	V.R.Siddartha Engg.College, Vijayawada	Lecturer	01-12- 1998 to 31-11-2002

## List of Publications (National and International Journals)

1. “Optimal Time-Shift of Renewable Energy Storage Systems in Smart Grid Environment”,  
Journal of Control & Instrumentation, Volume 9 , issue2, 2018, Pages 35–45(Scopus Indexed)
2. Optical setting of FACTS devices for voltage stability improvement using PSO adaptive GSA hybrid algorithm "International journal of Engineering science and Technology, an International journal, Volume-19(2016),1166-1176.( Elsevier),
3. Optical setting of multiple FACTS devices to improve voltage stability, a novel GSA"International journal of Circuits, systems and computers, Volume25,no:6, 2016, DOI:10.1142/S0218126616500584.(SCI)
4. A multi-Objective Hybrid Heuristic approach for Optimal setting of FACTS devices in Deregulated Power System "international journal of IOSR journal of electrical and electronics engineering,ISSN:2320-3331,Volume11,Issue 4 Ver.I(Jul.-Aug.(2016),PP 90-97.(Impact Factor: 1.419)
5. Comparison of FACTS devices performances used to improve voltage stability based on GA-GSA hybrid algorithm "International journal of hybrid information technology, Volume 2016.(Scopus Indexed)
6. A two stage hybrid optimization approach to improve transmission system performance using FACTS controllers under open access Environment "international journal of Grid & Distribution computing, Volume (2016).(Scopus Indexed)
7. “Overview of Shunt Active Filter used for Reduction of Harmonics in 3-Phase,3-Wire System”, International Journal of Engineering Research(IJER), Volume No.5, Issue No.6(June 2016), pp : 474-478. (Impact Factor: 1.632)
- 8.“Hybrid active power filter using fuzzy dividing frequency control method” International journal of advances in Engineering & Technology, Volume-2,Issue-1,pp 426-432. (Impact Factor: 0.675)
- 9.“Genetically optimized facts controllers for available transfer capability enhancement” International journal of computer applications, Volume19-No-4,pp 23-27, April 2011.
10. “Sag/swell migration using multi converter unified power quality conditioner” International journal of Advances in Engineering & Technology. Nov2011,ISSN:2231-1963(Impact Factor: 0.675)

## International Conferences ((IEEE))

1. “A Novel hybrid algorithm to enhance voltage stability using UPFC”IEEE International Conference at NIRMA UNIVERSITY,Ahmedabad.
- 2.“Improvement of Voltage stability by IPFC using GA-GSA Algorithm” IEEE International Conference at NIRMA UNIVERSITY,Ahmedabad.

## National Conferences ((IEEE))

1. “Various approaches for optimal Location of FACTS Devices in Deregulated Power Systems - A Critical survey,” “Recent Advancements in Electrical Engineering (RAEE’16)”, Faculty of Engineering, Christ University, Bangalore, September, 2016.

**Project Guidance:**

No. of projects guided at B.Tech. Level: 20

No. of projects guided at M.Tech. Level: 02

**Memberships in Professional bodies/ Academics / societies**

- [1]Life Member in Indian Society for Technical education ( LMISTEE)  
with membership No : LM69060
- [2]Member in Institute of Engineers (M.I.E) with membership No :  
**M-141255-2**
- [3]Senior Member in Indian society of Electrical & Electronics  
Engineers (SMISEEE) with membership No :  
**MISEEE201701701031014**

**FDPS/Workshops Attended:**

<b>S . NO</b>	<b>Type of Event</b>	<b>Total attended</b>
1	FACULTY DEVELOPMENT PROGRAMS	6
2	WORKSHOPS	4
3	WEBINARS	6
4	COURSERA COURSES	3

**Achievements / Awards:**

1. Received Jai Upadya puraskar for the Academic Year 2017-18
2. Received Jury member appreciation for the Academic Year 2017

**Dr SAI RAM INKOLLU**




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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Bindu Vadlamudi	
<b>Designation</b>	Assistant Professor	
<b>Email &amp; Phone No</b>	Bindu.vadlamudi@yahoo.com & 9966489555	
<b>Date of Joining</b>	03.06.2010	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Electrical & Electronics of Engineering	
<b>Educational Background</b>	1. M.Tech From Nova college of Engineering, jangareddygudem 2. B.Tech from ANU/VRSEC 3. Intermediate from BIE/Nalanda junior College Nill	
<b>Research Areas</b>	11 Years	
<b>Experience</b>		

Sl. No	Institute	Designation	Period
2	Dhanekula Engineering College	Asst.Prof	2010 - till date
1	SRK Engineering College	Asst.Prof	2008 - 2010

### List of Publications(National and International Journals)

1. Hybrid Active Power Filter Using Frequency Control Method". International Journal of Advances in Engineering & Technology January, 2012.
2. Integration of fuzzy logic controlled UPQC to micro grid with seamless reconnection and islanding mode Nov-2017
3. PQ Control-based Novel Passive Islanding Detection Method For Renewable Energy application, Advanced science letters.e-ISSN-6612,volume 06,june 2020

**National/International Conferences ((National and International)**

**NIL**

**Achievements /Awards etc., NIL**

**Bindu Vadlamudi**



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## FACULTY PROFILE

<b>Name of the Faculty</b>	Komali Veeranki
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	komaliveeranki@gmail.com & 7799006653
<b>Date of Joining</b>	06.06.2011
<b>Nature of Association</b>	Regular
<b>Department</b>	Electrical & Electronics Engineering
<b>Educational Background</b>	1. M.Tech from GVP, Vishakhapatnam 2. B.Tech from KLCE, Vaddeswaram
<b>Experience</b>	09 Years



Sl. No	Institute	Designation	Period
2	Dhanekula Engineering College	Asst.Prof	2011 - till date
1	Potti Sriramulu College of Engg	Asst.Prof	2008 to 2009

### List of Publications(National and International Journals):

1. "Stable operation of a Single phase cascaded H-Bridge multilevel Converter", IJAET, July 2012

### National/International Conferences ((National and International)

NIL

### Achievements /Awards etc.,

- Appreciation letter from IIT BOMBAY in the year of 2019-20.

**Komali Veeranki**




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## FACULTY PRPOFILE

Name of the Faculty	P.T.Krishna Sai	
Designation	Assistant Professor	
Email & Phone No	tsee051thandavakrishna@gmail.com & 9912200927	
Department	Electrical and Electronics Engineering.	
Educational Background	1. Pursuing Ph.D in Christ University, Bengaluru. 2. M.Tech From affiliation college of JNTU, Kakinada. 3. B.Tech From affiliation college of JNTU, Hyderabad.	
Research Areas	Renewable Energy Systems, Control Systems, Power Systems.	
Experience	10 Years	

Sl. No	Institute	Designation	Period
1	DhaneKula Engineering College	Asst.Prof	2012 - till date
2	Vijaya Institute of Technology for Women	Asst.Prof	2010 - 2012

### List of Publications (National and International Journals)

1. P.T.Krishna Sai, K.Murali,Dr.G.R.K.Murthy. "FLC and NN based alpha compensation of three phase controlled rectifier fed DC-motor drive." International Journal of Computer Science and Emerging Technology (E-ISSN: 2044-6004) Volume1, Issue 4, December 2010.
2. P.T.Krishna Sai, Mahammad Iliyas. "Power Quality Improvement by 11 level multilevel inverter with reduced number of switches." International Journal of engineering Research (ISSN: 2319-6890) (online), 2347-5013(print) VolumeNo.4, Issue No.8, pp: 470-474 01 August, 2015.
3. P.T.Krishna Sai, I.Sairam. "Overview of shunt active filter used for reduction of harmonics in 3-phase 3-wire system." International Journal of engineering Research (ISSN: 2319-6890) (online), 2347-5013(print) VolumeNo.5, Issue No.6, 2015.
4. Dr.J.Vara Prasad, P.T.Krishna Sai, "Static Voltage Stability of Reconfigurable Radial Distribution System Considering Voltage Dependent Load Models." International Information and Engineering Technology Association (IIETA), Mathematical modeling of engineering problems (MMEP)(ISSN:2369-0739)(print),2369-0747(online) <https://doi.org/10.18280/mmep.070316>. (Scopus - Indexed).
5. Dr.J.Vara Prasad, P.T.Krishna Sai, U.Kamal Kumar, "Future Search Algorithm for Optimal Integration of Distributed Generation and Electric Vehicle Fleets in Radial Distribution Networks Considering Techno-Environmental Aspects" Springer Nature Applied Sciences <https://doi.org/10.1007/s42452-021-04466-y>. (ESCI/Scopus - Indexed).

**National/International Conferences ((National and International): 02**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Conference</b>
i)	<b>Butterfly Optimization Algorithm Based Optimal Sizing and Integration of Photovoltaic System in Multi-Lateral Distribution Network for Interoperability</b>	<b>2nd International Conference on Communication and Intelligent Systems ICCIS 2020*, Jointly Organized in Virtual Format by GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR AND RAJASTHAN TECHNICAL UNIVERSITY, KOTA IN ASSOCIATION WITH BIRLA INSTITUTE OF APPLIED SCIENCES, UTTARAKHAND AND SOFT COMPUTING RESEARCH SOCIETY, DECEMBER 26-27, 2020.</b>
ii)	<b>A Novel Hybrid GMPPT Scheme based on P&amp;O-MM with Reduced Output Power Oscillations under PSC for PV System</b>	<b>International Online Conference on Smart Grid Energy Systems and Control (SGESC-2021<sup>#</sup>) to be held during March 19-21, 2021, at NIT Kurukshetra.</b>

**\* THE AFTER-CONFERENCE PROCEEDING OF THE ICCIS20 WILL BE PUBLISHED IN SCOPUS INDEXED SPRINGER BOOK SERIES, 'LECTURE NOTES IN NETWORKS AND SYSTEMS'.**

**# THE AFTER-CONFERENCE PROCEEDING OF THE SGESC-2021 WILL BE PUBLISHED IN SCOPUS INDEXED SPRINGER BOOK SERIES, 'LECTURE NOTES IN ELECTRICAL ENGINEERING BOOK SERIES'.**

**FDPS/Workshops Attended:**

<b>S . NO</b>	<b>Type of Event</b>	<b>Total Count</b>
1	FACULTY DEVELOPMENT PROGRAMS	15
2	WORKSHOPS	8
3	WEBINARS	6
4	COURSERA COURSES	4

**Achievements / Awards:**

- 1. Received Best Teacher Award for the Academic Year 2016-17**
- 2. Received Best Mentor Award for the Academic Year 2017-18,2018-19**

Thandava Krishna Sai P



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

Name of the Faculty	M.Sirisha
Designation	Assistant Professor
Email & Phone No	<a href="mailto:Moningi.sirisha@gmail.com">Moningi.sirisha@gmail.com</a> & 7207401570
Date of Joining	04.06.2012
Nature of Association	Regular
Department	Electrical & Electronics of Engineering
Educational Background	1. M.Tech From SRI SIVANI Institute of Technology. 2. B.Tech from SRI SIVANI College of Engineering 3. Intermediate from Sri Chaitanya junior College
Research Areas	Nil
Experience	11 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	2012 - till date
2	Sri Sivani Group of Institutions	Asst.Prof	2010 - 2012

### List of Publications(National and International Journals)

1. Sirisha M. " Voltage sag compensation using fuzzy control strategy fed DVR for DG Application" , International journal of Engineering & Technology, IJEEE , 2319-8885.

### National/International Conferences ((National and International)

NIL

### Achievements /Awardsetc.,

1. Received Best Mentor Award for the academic Year 2016-17,2018-19

Sirisha.M



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

**FACULTY PROFILE**

<b>Name of the Faculty</b>	Anil Kumar Chinta
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:anl9.chinta@gmail.com">anl9.chinta@gmail.com</a> & 9491346768
<b>Department</b>	Electrical and Electronics Engineering
<b>Educational Background</b>	1. Persuing (Ph.D, Annamalai University) 2. M.Tech from VIGNAN University, Guntur 3. B.Tech from Acharya Nagarjuna University, Guntur
<b>Research Areas</b>	NIL
<b>Experience</b>	8 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Assistant Professor	2013 - till date
2	Mentor Insight India Private Limited	Content Developer	28 <sup>th</sup> April 2010 – 29 <sup>th</sup> March 2011

**List of Publications (National and International Journals):**

“Control of Wind Energy System Driven by Permanent Magnet Synchronous Generator by Maximum Power Point Tracking Technique” in IJAREEIE, e-ISSN: 2278 - 8875, p-ISSN: 2320 - 3765 | www.ijareeie.com | Impact Factor: 7.122

**National/International Conferences ((National and International):** NIL

**Achievements / Awards etc:** “Topper Certificate” from VIGNAN University Guntur during M.Tech.

**Anil Kumar Chinta**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	T Venkateswara Rao
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:Venkat.thorlikonda@gmail.com">Venkat.thorlikonda@gmail.com</a> & 9494643296
<b>Date of Joining</b>	25.11.2013
<b>Nature of Association</b>	Regular
<b>Department</b>	Electrical & Electronics Engineering
<b>Educational Background</b>	1. M.Tech From GEC, Gudlavalleru 2. B.Tech From LBRCE, Mylavaram
<b>Research Areas</b>	NIL
<b>Experience</b>	7 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	2013 - till date
2	Sri Sarathi Institute of Engineering & Technology	Asst.Prof	2012 - 2013

### List of Publications(National and International Journals)

1. Power Quality Improvement in a PMBLDCM Drive Using Forward Buck Converter. International Journal of Scientific and Research Publications, Volume 2, Issue 11, November 2012 ISSN 2250-3153

### National/International Conferences ((National and International)

NIL

### Achievements /Awardsetc.,

NIL

T Venkateswara Rao




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## FACULTY PROFILE

<b>Name of the Faculty</b>	G. Sree Lakshmi	
<b>Designation</b>	Assistant Professor	
<b>Email &amp; Phone No</b>	garapatisreelakshmisiri@gmail.com & 9703317192	
<b>Date of Joining</b>	20.06.2016	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Electrical & Electronics of Engineering	
<b>Educational Background</b>	1. M.Tech From SASI Institute of Engineering & Technology, Tadepallygudem 2. B.Tech from USHA RAMA College of Engineering & Technology, Telaprolu 3. Intermediate from Narayana junior College	
<b>Research Areas</b>	Nil	
<b>Experience</b>	05 Years	

Sl. No	Institute	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	2016 - till date

### List of Publications(National and International Journals)

- Integration of fuzzy logic controlled UPQC to micro grid with seamless reconnection and islanding mode Nov-2017

### National/International Conferences ((National and International)

NIL

### Achievements /Awardsetc.,

NIL

**Sree Lakshmi Garapati**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Naga Swetha. Vallurupalli
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	Vallurupalli.swetha@gmail.com & 9959364441
<b>Date of Joining</b>	19.12.2016
<b>Nature of Association</b>	Regular
<b>Department</b>	Electrical & Electronics of Engineering
<b>Educational Background</b>	1. M.Tech From VITAM college of Engineering, Visakhapatnam. 2. B.Tech from Mother Teresa Institute of Science & Techology, Sathupally 3. Intermediate from surya junior College, Gudivada
<b>Research Areas</b>	Nil
<b>Experience</b>	5 Years



Sl. No	Institute	Designation	Period
3	Dhanekula Engineering College	Asst.Prof	2016 - till date
2	Power engineering Associates	Asst Managers	2012 - 2013
1	Servomax India Ltd	Asst.Engineer	2010 - 2011

### List of Publications (National and International Journals)

1. Naga Swetha V. "Implementation of Hybrid Fuzzy Using Canonical Switching Cell Converter Fed BLDC Motor Drive". *International Journal of Science Enolume No.04, Issue No.48, November 2015 published by IJSETR.*

### National/International Conferences ((National and International)

NIL

### Achievements / Awards etc.,

NIL

Naga Swetha.V



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

Name of the Faculty P.Deepthi

Designation Assistant Professor

Email & Phone No [Deepthi.p209@gmail.com](mailto:Deepthi.p209@gmail.com) & 8897744035

Department Electrical & Electronics of Engineering

Educational Background  
1. M.Tech from Krishnaveni Engineering college for women(JNTUK)  
2. B.Tech from VRS & YRM college of Engineering (JNTUK)  
3.Intermediate from narayana Junior College.

Research Areas Nil

Experience 11 Years



Sl. No	Institute	Designation	Period
3	Dhanekula Engineering College	Asst.Prof	2013 - till date
2	Usha Rama College of Engineering	Asst.Prof	2012-2013
1	Nimra College of Engineering	Asst.Prof	2010-2012

### List of Publications (National and International Journals)

1.P. Deepthi. " A Novel high performance of nine- level CHB type DSTATCOM with power quality improvement features". International Journal of Power system operation and energy management ISSN, 2319-8885, volume - 4, issue - 3, 2014.

### National/International Conferences ((National and International)

NIL

### Achievements / Awards etc.,

NIL

P.Deepthi



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** Dr.Gummadi LakshmiMadhumati

**Designation** Professor & Head

**Date of Joining** 15.9.2011

**Nature of Association** Regular

**Email & Phone No** [madhumati70@gmail.com](mailto:madhumati70@gmail.com) & 08662583842

**Department** Electronics and Communication Engineering

**Educational Background**

1. Ph.D.(ECE) from JNTUH, Hyderabad
2. M.Tech (DSCE) from JNTU, Hyderabad
3. B.E (Electronics) from Shivaji University, Kolhapur

**Area of Specialization** Digital Systems and Computer Electronics

**Research Areas** VLSI Design, Mixed signal VLSI design, Low Power VLSI Design, DSP Architectures and Image processing Architectures, Partial Reconfiguration, System on Chip

**Experience** 26 Years



Sl. No	Institute	Designation	Period
7	Dhanekula Institute of Engineering & Technology	Professor	2011-till date
6	V.R.Siddhartha Engineering College, Vijayawada	Professor	2011-2011
5	Prasad V Potluri Siddhartha Institute of Technology, Kanuru	Professor	2010-2011
4	Prasad V Potluri Siddhartha Institute of Technology, Kanuru	Associate Professor	2007-2010
3	Koneru Lakshmaiah College of Engineering, Greenfields,	Lecturer	2005-2007
2	V.R.Siddhartha Engineering College, Vijayawada	Lecturer	2002-2005
1	V.K.R & V.N.B Polytechnic, Gudivada	Associative lecturer	1993-2001

### List of Publications (National and International Journals)

1. "Design of CMOS Comparators for FLASH ADC," International Journal of Electronics Engineering (IJEE), Volume 01, Issue 01, 2009, pp. 53-57.
2. "Power and Delay Analysis of a 2-to-1 Multiplexer Implemented in Multiple Logic Styles for Multiplexer-Based Decoder in Flash ADC," International Journal of Recent Trends in Engineering (Electrical and Electronics), Volume 01, Issue 04, 2009, pp. 29-31.
3. "A 0.4V - to - 1.4V Inverter Based 5-bit Flash ADC in 0.18 $\mu$ m CMOS Technology for UWB Applications ," International Journal of Computer Science & Network Security, Volume 09, Issue 06, 2009, pp.255-261.
4. "Data Hiding Using EDGE Based Steganography," International Journal of Emerging Technology and Advanced Engineering (IJETAEE-2013), Vol. 2, No. 11, November 2012, pp. 285-290.
5. "Edge detection modeling through reconfigurable devices in image processing applications using XPS ," International Conference On Devices, Circuits And Systems - ICDCS 2014, Karunya University, Coimbatore, India.
6. "HDL Implementation & Performance Comparison of Various Filtering Techniques Using FPGA," International Journal of Applied Engineering Research, Vol. 9, No. 18, 2014, pp. 5085-5094.
7. "Real Time Delay Application for Digital Circuits with Peripheral Based Digital Clock Using FPGA," International Journal of Applied Engineering Research, Vol.9, No.18, 2014, pp. 5115-5123.
8. "Reconfigurable Edge detection Processor using Xilinx Platform Studio," International Conference on Devices, Circuits and Systems - ICDCS 2014 March 6-8, 2014, Karunya University, Coimbatore, Tamil Nadu, India, pp. 189-193.
9. "Reconfigurable SYSTEM-ON-CHIP design using FPGA." International Conference on Devices, Circuits and Systems - ICDCS 2014, March 6-8, 2014, Karunya University, Coimbatore, Tamil Nadu, India, pp. 70-75.
10. "FPGA Implementation of SIFT Algorithm Using Xilinx System Generator," International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS/E3COS)-2014, October 2014, DIET, Ganguru.
11. "FPGA Implementation of SIFT Algorithm Using Xilinx System Generator," International Journal of Emerging Trends in Electrical and Electronics (IJETEE - ISSN: 2320-9569), Vol.10, No.10, Oct. 2014, pp. 80-85.
12. "FPGA implementation of multi-bit flip-flop based on power optimization technique," International Journal of Applied Engineering Research, Vol.10, No.14, 2015, pp. 34042-34046.
13. "ASIC Implementation of Low Power NAND Flash Controller With E-MMC Interface," International Journal of Applied Engineering Research, ISSN: 0973-4562, Vol.10, No.12, 2015, pp. 28779-28793 .
14. "Novel Approach of FFT Using CORDIC Algorithm and Analyzed With Chip scope Pro," International Journal of Applied Engineering Research, ISSN: 0973-4562. © Research India Publications, Vol.10, No.10, 2015 , pp. 25851-25857.
15. "Biometric based industrial machine access control system using FPGA," Journal of Theoretical and Applied Information Technology ISSN: 1992-8645, E-ISSN: 1817-3195, Vol. 79, No.1, 10th September 2015, pp. 76-82 .
16. "Implementation and Verification of I<sup>2</sup>C Single Master Multiple Slave Bus Controller using System Verilog and UVM," International Journal of VLSI System Design and Communication Systems, Management and Research (IJVDCS), Vol.03, Special issue.08, pages. 1239-1243, October-2015.
17. "Dynamically reconfigurable smart traffic system for accident rescue operation," Journal

of Engineering and Applied Sciences ,Vol.11, No.9, 2016, PP. 1925-1930.

18."IOT based home automation using FPGA,"Journal of Engineering and Applied Sciences , Vol.11, No.9, 2016, PP. 1931-1937.

19."Wireless Secured Data Transmission using Cryptographic Techniques through FPGA," International Journal of Engineering and Technology (IJET), e-ISSN : 0975-4024, p-ISSN : 2319-8613 Vol. 8 No. 1, Feb-Mar 2016, pp. 332-338.

20."Zig Bee Based Wireless Data Transmission with LDPC codes using FPGA," International Journal of Engineering and Technology (IJET), e-ISSN: 0975-4024,p-ISSN : 2319-8613 Vol. 8 No 2 Apr-May 2016 pp. 653-659.

21. "Design of Substantial Delay Block using Voltage Scaled CMOS Inverter and Transmission Gate blend," 2016 International Conference on Microelectronics, Computing and Communications (MicroCom), IEEE Conference Publications: 978-1-4673-6621-2/16/\$31.00 ©2016 IEEE, Pages: 1- 6,DOI: 10.1109/MicroCom.2016.7522463

22."FPGA based wireless electronic security system with sensor interface through GSM," Journal of Theoretical and Applied Information Technology ISSN: 1992-8645,E-ISSN: 1817-3195, Vol.89, Issue.2, July 2016,pp. 489-494.

23."Design of Dynamically Reconfigurable Input/output Peripheral based Wireless System," Indian Journal of Science and Technology,ISSN (Print): 0974-6846 ,ISSN (Online) : 0974-5645, Vol. 9, Issue.30, August 2016, pp. 1-9.

24."Low Voltage and Power Efficient Double Tail Comparator with Reduced Delay Time, " International Journal & Magazine of Engineering, Technology, Management and Research, Vol.3, Issue.11, November 2016,ISSN No: 2348-4845, pp. 355-362.

25.FPGA implementation of partially reconfigurable DNA cryptography methods through wireless using ZIGBEE, ARPN Journal of Engineering and Applied Sciences, ISSN : 1819-6608, Vol. 11, Issue.21, November 2016 pp. 12514-12522.

26."Area-Power Efficient Shift Register Using Non-Overlap Delayed Pulsed Clock," International Journal For Technological Research In Engineering Volume 4, Issue. 4, December-2016 ISSN (Online): 2347 - 4718, pp.633-639.

27."FPGA Implementation of DES Algorithm Using DNA Cryptography," Journal of Theoretical and Applied Information Technology, Vol.95. No 10,ISSN: 1992-8645, E-ISSN: 1817-3195 2147, May 2017, pp.2147-2158.

28."Dynamically Evolvable Hardware-Software Co-Design Based Crypto System Through Partial Reconfiguration," Journal of Theoretical and Applied Information Technology, May 2017. Vol.95. No 10, ISSN: 1992-8645, E-ISSN: 1817-3195, pp. 2159 -2169.

29."Stochastic key generation mechanism in Cryptography applications through partial Reconfiguration," Journal of Advanced Research in Dynamical and Control Systems, Vol.9, No.12, September 2017, pp. 1566-1586.

30."PR based DNA cryptosystem design with symmetric and asymmetric cryptography techniques, " Journal of Advanced Research in Dynamical and Control Systems, SP Issue.18, January 2017, PP. 1773-1801.

31."Reconfigurable pseudo biotic key encryption mechanism for cryptography applications," International Journal of Engineering and Technology(UAE),Vol.7, No.15, January 2018, PP. 62-70.

32."FPGA based pseudo random sequence generator using XOR/XNOR for communication cryptography and VLSI testing applications,"International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8, No.4, February 2019, PP. 485-494.

33."Triple Notch Reconfigurable Parasitic Monopole Patch Antenna with Defected Ground Structures," International Journal of Microwave and Optical Technology, Vol.15, No.4, July 2020, PP. 318-324.

34. "An Efficient Denoising Architecture of MVD-RCA-SP-FIR filter for Real-time ECG signals," European Journal of Molecular & Clinical Medicine ,Volume 07, Issue 08, 2020, pp. 1-13, ISSN 2515-8260.

35. "An Efficient Denoising Hardware Architecture of CSA-FIR Filter for Real time ECG signals," European Journal of Molecular & Clinical Medicine ,Volume 07, Issue 10, 2020.

**Dr. Gummadi Lakshmi Madhumati**



**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**  
Approved by (AICTE Affiliated to JNTU Kakinada) Ganguru, Vijayawada –521  
131. Phone: 0866 – 2583842 / 43. Email: dietoffice2009@rediffmail.com;  
URL: www.diet.ac.in

### FACULTY PRPOFILE

**Name of the Faculty** Dr. M Vamshi Krishna  
**Designation** Professor  
**Date of Joining** 19-10-2020  
**Nature of Association** Regular  
**Email & Phone No** [profvamshi@gmail.com](mailto:profvamshi@gmail.com) & 9703818580



**Department** **Electronics and Communication Engineering**

**Educational Background:**  
1. M.Tech (Radar & Microwave, AUCOE(A), Andhra University, Visakhapatnam.  
2. B. Tech (ECE) from JITM, Biju Patnaik University of Technology (BPUT)

**Areas of Specialization** **Radar and Microwave Engineering,**  
**Research Areas** Applied Electromagnetics, Antenna Designing, Wireless Communication

**Total Experience** 13 Years

**Teaching/Research Experience** 11/2

Sl. No	Institute	Designation	Period (mm/year)
1	DhaneKula Institute of Engineering & Technology	Professor	10/2020 - till date
2	Centurion University	Associate Professor	08/2017 – 10/2020
3	GITAM University	Assistant Profesor	10/2014 – 08/2017
4	Centurion University	Assistant Profesor	05/2011- 10/2014
5	WIPRO Technologies	Software Developer	02/2010- 05/2011
6	RAGHU engineering College	Assistant Profesor	11/2007 – 07/2009

#### List of Publications (National and International Journals): 23

1. M Vamshi Krishna “Circular antenna array optimization using modified social group optimization algorithm”, April 2021, Soft Computing DOI: 10.1007/s00500-021-05778- 2 (SCI )
2. M Vamshi Krishna , "Design and Investigation of Hexagonal Shaped Wearable Antenna for Body Centric Wireless Communication", Solid State Technology Volume: 63 Issue: 6 Publication Year: 2020
3. M Vamshi Krishna , "Study on image processing using deep learning techniques", October 2020 Materials Today: Proceedings , Follow journal DOI: [10.1016/j.matpr.2020.09.536](https://doi.org/10.1016/j.matpr.2020.09.536)

4. Vamshi M Krishna, G S N Raju and S Mishra. Generation of Low Sidelobe Difference Pattern using Nature Inspired Metaheuristic Algorithms. International Journal of Computer Applications 143(3):29-35, June 2016.
5. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S “Non-Uniform Circular Array Synthesis using Cuckoo Search Optimization”, International Journal of Advanced Technology and Innovative Research, ISSN 2348-2370, Volume No.08, Issue No.05, May2016.
6. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S.,” “Null Positioning in Circular Arrays using Cuckoo Search Algorithm” ,International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885, Volume No.05, Issue No.11, May-2016.
7. Prabhat K. Patnaik, Dhruva C. Panda, M. Vamshi Krishna,” Different Fractal Antenna Structure Analysis using ANN”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.: 9 Issue:3 Page No.: 1787-1791 ,Mar 2020.
8. Shibashis Pradhan, Deepak Kumar Barik, Dr M Vamshi Krishna, Sujatarani Raut ,” Generation of Spreading Codes with Minimum Correlation using Sorting Genetic Algorithm-II”, IJITEE - International Journal of Innovative Technology and Exploring Engineering Vol.: 9 Issue: 1 , November 2019.
9. Murthy Cherukuri Kunja Bihari Swain, Satya Sopan Mahato, M Vamshi Krishna,” Situational Awareness Enhancement in Transmission Lines using NI Based PMU”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume 9,Issue 3, Pages 2987-2997,Publisher Blue Eyes Intelligence Engineering & Sciences Publication.
10. T.Sairam Vamsi, Dr. M.Vamsi Krishna, Dr. T.Sudheer Kumar, “Channel Estimation Techniques for OFDM and GFDM: A Review”, Test Engineering and Management ,Article Info Volume 83, Page Number: 17143 – 17149, Publication Issue: March - April 2020.
11. Akash Kumar Gupta, P S R Chowdary , M. Vamshi Krishna,”Trends in IoT Antenna Design-A Brief Review “, Article Info Volume 83 Page Number: 14198 - 14203 Publication Issue: May - June 2020, Test Engineering and Management.
12. M.Murali E.V.S.D.S.N.S.L.K.Srikala, M.Vamsi Krishna, GSN Raju,Element Failure Correction Techniques of Linear Array Antenna- A Short Review,Publication date 2020/5/19,Journal,Test Engineering and Management, Volume,83,Issue,may - june 2020,Pages 14182 – 14187,Publisher,Test Engineering and Management.
13. A.V.S Swathi , V.V.S.S.S Chakravarthy , M.Vamshi Krishna, ”Techniques of Optimizing Circular Array Using Novel Evolutionary Computing Tools “, Journal,Test Engineering and Management,Volume,83,Issue,may - june 2020,Pages 14182 – 14187,Publisher,Test Engineering and Management.
14. M Vamshi Krishna Murthy Cherukuri, Kunja Bihari Swain, Satya Sopan Mahato,”Transmission Line Fault Analysis Using Synchronized Phasor Measurements,”Journal,Test Engineering and Management,Volume,83,Issue,may - june 2020,Pages 14182 – 14187,Publisher,Test Engineering and Management.
15. D Ramesh Varma, M Murali, M Vamshi Krishna,”A Survey on Synthesis of Linear antenna arrays, circular antenna arrays, conformal arrays and Beamforming Techniques”,Publication date2020/1/31,Journal: Solid State Technology,Volume 63,Issue 1s Pages 1964-1975.
16. D.Ramesh Varma Dr.M.Murali Dr.M.Vamshi Krishna,” Sidelobe reduction in an Antenna Array using nature inspired Genetic Algorithm “,High Technology Letters Volume 26, Issue 8, 2020 ISSN NO : 1006-6748.

National/International Conferences ((National and International)

17. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S.,” Sidelobe Level Reduction in Linear Antenna Array synthesis Using Cuckoo Search & Accelerated Particle Swarm Algorithms”, Proceedings of Springer International Conference on Micro- Electronics, Electromagnetics and Telecommunications.
18. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S.,” Design of linear and circular arrays using natural search algorithms for generation of low sidelobe patterns”, Proceedings on IEEE International Conference on Electromagnetic Compatibility
19. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S.,” Synthesis of Optimal Sum and Difference Patterns using Cuckoo Search Algorithm”, 2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management, January 27-28, 2017.
20. Vamshi Krishna., M, Raju, G.S.N., and Mishra, S.,” Design of Linear and Circular Arrays Using Natural Search Algorithms for Generation of Low Side Lobe Patterns”, Proceedings of Springer International Conference on MicroElectronics, Electromagnetics and Telecommunications.
21. Srikala EVSDNSLK, M. Vamshi Krishna, GSN Raju,” Pattern Recovery In Linear Array Antenna Using Flower Pollination Algorithm”, 2019 IEEE International Conference on Intelligent Systems and Green Technology (ICISGT), 10.1109/ICISGT44072.2019.00027, 29-30 June 2019.
22. AK Gupta, AK Patnaik, S Suresh, PSR Chowdary, MV Krishna,”DGS-Based T-Shaped Patch Antenna for 5G Communication Applications”,Microelectronics, Electromagnetics and Telecommunications, Book: Microelectronics, Electromagnetics and Telecommunications, Pages 11-19,Publisher Springer, Singapore.
23. TS Vamsi, TS Kumar, MV Krishna ,” Impact Analysis of Black Hole, Flooding Attacks and Enhancements in MANET Using SHA-3 Keccak Algorithm Microelectronics, Electromagnetics and Telecommunications, Book: Microelectronics, Electromagnetics and Telecommunications, Pages 11-19,Publisher Springer, Singapore.

#### **Achievements / Awards etc.**

- Reviewer for prestigious IEEE Internet of Things Journal.
- Received Best Paper Award in International Conference on Analytical & Interdisciplinary Research (ICAIR-2021) (On-line), jointly organized by Sangam University India, BlueCrest University Liberia and NIIT Ghana at Sangam University Campus, Bhilwara-311001, Rajasthan (INDIA) during 05th - 06th Feb, 2021.
- TECHNICAL ADVISORY COMMITTEE for 6th International Conference on Micro-Electronics, Electromagnetics and Telecommunications. ICMEET – 2021,27-28 August, 2021,Organized by Bhubaneswar Engineering College, Bhubaneswar, Odisha, India

**Dr. M Vamshi Krishna**



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTUKakinada)

Ganguru, Vijayawada - 521 131.

Phone: 0866 - 2583842 / 43.

Email: [dietoffice2009@rediffmail.com](mailto:dietoffice2009@rediffmail.com) ;

URL: [www.diet.ac.in](http://www.diet.ac.in)

### FACULTY PROFILE

<b>Name of the Faculty</b>	Dr. P. Pavithra Roy	
<b>Designation</b>	Professor	
<b>Date of Joining</b>	01-02-2019	
<b>Nature of Association</b>	Regular	
<b>Email &amp; Phone No</b>	<a href="mailto:pavithra.rvk@gmail.com">pavithra.rvk@gmail.com</a> , <a href="mailto:drpavithraroy@diet.ac.in">drpavithraroy@diet.ac.in</a> & 8106323944	
<b>Department</b>	Electronics and Communication Engineering	
<b>Educational Background</b>	1. Ph.D. from Sri Venkateswara University, Tirupathi 2. M.Tech (DECS) from JNTU, Anantapur 3. B.Tech(ECE) from JNTU, Hyderabad	
<b>Areas of Specialization</b>	Wireless Communication	
<b>Research Areas</b>	Cognitive Radio, Spectrum Sensing Artificial Intelligence	
<b>Total Experience</b>	14.5 Years	
<b>Teaching/Research Experience</b>	10 Years/ 4.5	

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Prof	Feb 2019 - till date
2	Vemana Institute of Engineering and Technology	Asst. Prof	Oct 2010 -Dec 2017
3	Aeronautical Development Agency (ADA), Bangalore	Senior Research Fellow- B	Aug 2007- Aug 2010
4	GIT-INC, Bangalore	Design Engineer	Apr 2006- Jul 2007
5	KLCE	Asst. Prof	Nov 2005-Mar 2006
6	Gudlalleru Engineering College	Asst. Prof	Jul 2005-Oct 2005

### List of Publications (International Journals):

1. **Pavithra Roy P.**, "An Enhanced Probabilistic Based Hybrid Neural Network for Spectrum Sensing In Cognitive Radio Networks" International Journal of Advanced Science and Technology Vol. 29, No. 4, (2020), pp. 922-930
2. **Pavithra Roy P.**, "Spectrum Sensing in Cognitive Radio Networks using Particle Swarm Optimization Algorithm" International Journal of Advanced Science and Technology Vol. 29, No. 4, (2020), pp. 931-939
3. **Pavithra Roy P.**, "Cognitive Radio Network for Robust Spectrum sensing Using Neural Networks" International Journal of Advanced Science and Technology Vol. 29, No. 4, (2020), pp. 959-968
4. **Pavithra Roy P.**, "Gravitational Search Algorithm Based Probabilistic Neural Network for Spectrum Sensing in Cognitive Radio Networks" International Journal of Advanced Science and Technology Vol. 29, No. 4, (2020), pp. 969-980
5. Dr **P.Pavithra Roy**, M.Jyothsna Sai Lakshmi, P.Bhavani, V.Gangadhar, S. Supriya, "Automatic Billing Trolley" International Research Journal of Engineering and Technology (IRJET) Vol.07, No.07, July 2020. e-ISSN: 2395-0056
6. Dr **P.Pavithra Roy**, Phani Veeranki , Sri Lakshmi Pittu, Hanisha Uppalapati, Sri Krishna Teja Sanikommu, "Multi Purpose Smart Agriculture System" International Research Journal of Engineering and Technology (IRJET) Vol.07, No.07, July 2020, e-ISSN: 2395-0056
7. **Pavithra Roy P.**, and Muralidhar M., "Hybrid Neural Network Training Algorithm for Spectrum Sensing In Cognitive Radio Networks", International Journal of Mobile Network Design and Innovation, Inder Science Publishers, Vol. 6, No 3, pp. 174-184,2015.
8. **Pavithra Roy P.**, and Muralidhar M., " Spectrum Sensing using Probabilistic Neural Networks in Cognitive Radio Network", International Journal of Computer Science & Communication Networks, Vol 5(2),pp.120-127, 2015.
9. **Pavithra Roy P** and Muralidhar M., "Channel State Prediction in a Cognitive Radio Network using Neural Network Levenberg-Marquardt Algorithm" International Journal of Wireless Communications and Network Technologies, pp. 24-29, 4(2), 2015.
10. **Pavithra Roy P.**, and Muralidhar M., "Throughput Maximization in Cognitive Radio Networks using Levenberg-Marquardt Algorithm", International Journal of Advanced Research in Computer and Communication Engg, pp. 315-319, Vol. 4, Issue 2, 2015.
11. **Pavithra Roy P.**, and M. Muralidhar., "Hidden Markov Model based Channel state prediction in cognitive radio networks", International Journal of Engineering Research & Technology, pp.391-394, Vol. 4, Issue 02, February-2015.

### **National/International Conferences ((National and International):**

- 1 **Pavithra Roy P.,** "Optimal Relay Node selection Using multi-objective based Crow Search Optimization Algorithm for multi user cooperative communication Network", International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2020), 28-29 December,2020, Organized by Jawaharlal Nehru Technological University, Kakinada, AP
- 2 **Pavithra Roy P.,** "An Enhanced Probabilistic Based Hybrid Neural Network for Spectrum Sensing in Cognitive Radio Networks", Green Power Technology in Power Grid: Issues, Challenges and Control (ICGPTPG-2019), 19th- 21<sup>st</sup> Dec 2019, Organized by Sri Venkateswara University College of Engineering, Tirupati, AP
- 3 **Pavithra Roy P.,** and Muralidhar M., "Robust Spectrum sensing in cognitive radio neural networks" 5th First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES-2018), Nov 30- Dec01,2018 Organized by Gudlavalleru Engineering College, Gudlavalleru, AP.

### **Achievements / Awards etc.**

1. Received Best paper Award for the paper "An Enhanced Probabilistic Based Hybrid Neural Network for Spectrum Sensing in Cognitive Radio Networks", Green Power Technology in Power Grid: Issues, Challenges and Control (ICGPTPG-2019), 19th- 21<sup>st</sup> Dec 2019, Organized by Sri Venkateswara University College of Engineering, Tirupati, AP.



**Dr. P. Pavithra Roy**

## CURRICULUM VITAE

### Dr. Kandavalli Michael Angelo

Associate Professor, ECE,  
Dhanekula Institute of  
Engg., & Technology,  
Ganguru,  
Krishna District.

Email: [michael.kandavalli@gmail.com](mailto:michael.kandavalli@gmail.com),  
Phone: +91-8712370640

Google Scholar: <https://scholar.google.co.in/citations?user=k3gO6j0AAAAJ&hl=en>

Orcid ID: <https://orcid.org/0000-0003-0659-616X>

### ACADEMIA

Degree	Specialization	Institution/University	Year	Class/ Percentage
Ph.D. Full-Time Regular	Image Processing	Annamalai University, (State Government), Chidambaram.	2020	-
M.Tech	Digital Electronics and Communication Systems	Godavari Institute of Engineering & Technology (JNTU, Kakinada)	2014	Distinction/ 75.14%
B.Tech	Electronics and Communication Engineering	Godavari Institute of Engineering & Technology (JNTU, Kakinada)	2012	First Class/ 64.36%
Higher Secondary	MPC	Gowtham Junior College, Vijayawada	2008	93.01
Secondary	-	Apollo E.M. School, Koyyalagudem	2006	83

### Fields of Research Interest

*Image Processing:* Object Detection, Segmentation, Dynamic and Stationary Objects Tracking, Medical Image Processing.

### Present Position

1. **Associate Professor** Department of Electronics and Communication Engineering,  
Dhanekula Institute of Engineering & Technology, Vijayawada  
(Sep 2020 – till date)

### Past Research/Teaching Experience

2. **Assistant Professor** Institute of Electronics and Communication Engineering, Saveetha  
School of Engineering, SIMATS, Thandalam, Chennai  
(June 2019-April 2020)

3. **Research Scholar** Full-Time Research Scholar, Annamalai University – State  
University (Dec 2015 to June 2019).

**4. Assistant Professor** Department of ECE, Srinivasa Institute of Technology, Poonamalle, Chennai- 600056 (Dec 2014 to Dec 2015).

Total Experience: **6.8 years.**

#### Membership of Professional/Technical Bodies

1. Associate Member of ‘**The Institution of Engineers**’ (India) - AM1738448.
2. Life Member in **ISTE** -LM110532.
3. **Franklin** Membership- NM88872.
4. Life Member in **IAENG** -141941.
5. Life Member in **IAESTD** - IAETSD1400122.

#### Details of Publications

Number of Patents	International -1 Granted; Indian: Applied Stage
Number of Publications	SCI :2, ESCI-WoS:1, SCOPUS: 8

1. Sivagami, A., S. Jayakumar, and Michael Angelo Kandavalli. "Structural health monitoring using smart sensors." AIP Conference Proceedings. Vol. 2281. No. 1. AIP Publishing LLC, 2020. (**SCOPUS**)
2. Kandavalli Michael Angelo, S.Abraham Lincon, “Design and Implementation of shape and texture based Image Segmentation on morphological gradient approach”, *Journal of Computational and Theoretical Nanoscience* , Vol.17(5), 2020, (**SCOPUS, UGC Indexed, SJR-0.22, H-43, Q2**).
3. A. Sivagami, Kandavalli Michael Angelo, “Performance Exploration of QoE Based Robust Routing Protocol for Wireless Multimedia Sensor Networks”, *International Journal of Grid and Distributed Computing*, Vol.13(1), 2020, (**ESCI-WoS**).
4. Kandavalli Michael Angelo, S.Abraham Lincon, “Design and Implementation of colour texture-based multiple object detection using morphological gradient approach”, *Concurrency Computational Practice Experience: John Wiley & Sons*, Vol.31(14). (**SCI, SCOPUS, UGC Indexed, IF:1.114, H60, Q2**).
5. A. Sivagami , Kandavalli, Michael Angelo, and M. Saya Nandini Devi , Salt and Pepper Noise Diminishing In Brain Tumor Mri Images And Its Performance Analysis”, *Journal of Critical Reviews 2020*, Vol.7(13).(**Scopus**).
6. Kandavalli Michael Angelo, S.Abraham Lincon, “A Hybrid Enhanced Fractal Texture Analysis with Layout Descriptor approach for Image Segmentation”, *Journal of Web Engineering, Rinton Press*, Vol.17(6), pp.3339-3347, May 2018. (**SCI, SCOPUS, UGC Indexed, IF:0.68, H11, Q3**).
7. Kandavalli, Michael Angelo, C. R. Yuvaraj, and M. Saya Nandini Devi. "Performance Evaluation of Various Filtering Techniques for Retinal Fundus Images." *Indian Journal of Public Health Research & Development*, Vol.10. (11), 2019. (**SCOPUS, UGC, SJR-0.22 Q4**)
8. Kandavalli Michael Angelo, S.Abraham Lincon, “Implementation of enhanced fractal texture analysis with layout descriptor for image segmentation”, *Research review*

*International Journal of Multidisciplinary*, Vol.03, No.11, pp.655-658. (UGC JOURNAL NUMBER-44945)

9. Kandavalli Michael Angelo, "A Novel approach on Object Detection and tracking using adaptive background subtraction method", IEEE Sponsored Proceedings of Second International Conference on Computing Methodologies and Communication, 2018 (**Scopus Indexed**)
10. Michael Angelo Kandavalli, S. Abraham Lincon," Analysis of Recent Shape, Texture and Colour Based Image Segmentation Techniques", in PJBT, 2(14), 2017, pp99-101. (**Scopus Indexed**, SJR-0.22, H-7, Q4)
11. K Michael Angelo, P Soundarya, "Multiple Cell Upsets Correction for OLS Codes" in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) Vol. 3, Issue 10, Oct 2014,pp.12512-12520.
12. Kandavalli Michael Angelo, Katakala Karthik, "Arm Based Remote Surveillance and Motion Detection System by Using MJPEG Algorithm Multiple Cell Upsets Correction for OLS Codes" in International Journal of Engineering Research and Applications (IJERA) Vol. 4, Issue 4, April 2014, pp.13-16.

#### **Achievements / Awards etc.**

1. Received Australian grant Innovation patent on 15th July 2020, patent number: 2020101070
2. Awarded University meritorious research studentship (URS) for 2017-18.
3. Indian Innovation patent got published on 30 October 2020, patent number: 202041045449

#### **Subjects of Interests/Handled**

- Digital Image Processing.
- Analog Communications.
- Random Variables and Stochastic Process.
- Digital Electronics.

#### **Personal Details**

Date of Birth: 30, August,1991.  
Father's Name: Dr. K. Soundaryam.  
Languages Known: Telugu, English and Hindi.  
Nationality & Religion: Indian, Christian  
Category: BC-C  
Marital Status: Single.

#### **Declaration**

I am confident that I shall strive and succeed in the position applied to the satisfaction of my superiors and justify the assignments entrusted on me. The above said information is true and authentic to best my knowledge.

Date: 30-04-2021

Place: Ganguru

(Dr.K. Michael Angelo)



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Dr M Venkateswara Rao
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	11-02-2020
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	mvenkatesh8692@gmail.com & 9441241642
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. Phd in Metamaterial Microwave Antennas 2. M. Tech (Microwave and Communication Engineering) from PVPSIT, JNTU KAKINADA 3. B. Tech (ECE) from PPDCE, JNTU KAKINADA
<b>Areas of Specialization</b>	Microwave antennas, Microstrip antennas and communications
<b>Research Areas</b>	Antennas, Metamaterials, Metamaterial Absorbers, Biomedical antennas, Vehicular communication, Frequency selective surfaces, Artificial Magnetic conductors
<b>Teaching/Research Experience</b>	01/03.5 Years -Total 4.5 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	11-02-2020 - till date
2	Koneru Lakshmaiah Education Foundation(Deemed to be University)	Research Assistant	01-07-2016 - 26-10-2019

## List of Publications (National and International Journals):

### SCI

- [1] *Venkateswara Rao*, M., Madhav, B. T., (2019). CSRR-loaded T-shaped MIMO antenna for 5G cellular networks and vehicular communications. *International Journal of RF and Microwave Computer-Aided Engineering*, 29(8), e21799.
- [2] *Rao, M. V.*, Madhav, B. T. P., (2018). Metamaterial inspired quad band circularly polarized antenna for WLAN/ISM/Bluetooth/WiMAX and satellite communication applications. *AEU-International Journal of Electronics and Communications*, 97, 229-241.
- [3] *Venkateswara Rao*, Manikonda, et al. "Circularly polarized flexible antenna on liquid crystal polymer substrate material with metamaterial loading." *Microwave and Optical Technology Letters*.
- [4] Madhav, B. T. P., *Rao, M. V.*, (2018). Conformal Band Notched Circular Monopole Antenna Loaded with Split Ring Resonator. *Wireless Personal Communications*, 103(3), 1965-1976.
- [5] Prudhvi Nadh, B., Madhav, B. T. P., & *Venkateswara Rao, M.* (2019). Circular ring structured ultra-wideband antenna for wearable applications. *International Journal of RF and Microwave Computer-Aided Engineering*, 29(4), e21580
- [6] Madhav, B. T. P., *Venkateswara Rao, M.*, (2018). Asymmetric ground structured circularly polarized antenna for ISM and WLAN band applications. *Progress In Electromagnetics Research*, 76, 167-175.
- [7] Deepak, Bandhakavi Srikanth, Madhav B T P, *M Venkateswararao* et al. "Design and analysis of hetero triangle linked hybrid web fractal antenna for wide band applications." *Progress In Electromagnetics Research* 83 (2018): 147-159.
- [8] Prudhvi Nadh, B., Madhav, B. T. P., Siva Kumar, M., Anilkumar, T., *Venkateswara Rao, M.*, & Kishore, P. V. V. (2020). Windmill-shaped antenna with artificial magnetic conductor-backed structure for wearable medical applications. *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields*.
- [9] Tilak, G. B. G., Kotamraju, S. K., Madhav, B. T. P., Sri Kavya, K. C., & *Venkateswara Rao, M.* (2020). Dual sensed high gain heart shaped monopole antenna with planar artificial magnetic conductor. *Journal of Engineering Science and Technology*, 15(3), 1952–1971.
- [10] Anilkumar, T., Madhav, B. T. P., *Venkateswara Rao, M.*, & Prudhvi Nadh, B. (2020). Bandwidth reconfigurable antenna on a liquid crystal polymer substrate for automotive communication applications. *AEU - International Journal of Electronics and Communications*, 117.
- [11] Vinitha , M Sivakumar, B T P Madhav, *M Venkateswararao* [2020] Srr Based Tri-Mode Resoanant Microstrip Bandpass Filter For Wlan Applications. *Journal of Engineering Science and Technology*, ,Article in Press
- [12] Tilak, G. B., Kotamraju, S. K., Madhav, B. T., Kavya, K. C., & *Rao, M. V.* (2020). AMC backed

circularly polarized dual band antenna for Wi-Fi and WLAN applications. Journal of Electrical Engineering, 71(5), 298-307.

## PATENTS:

[1] Enhancement of Quality of service in wireless Sensor Network by Redundant Sensors Controlling

Application Number- 202041051968 , Application Ref Number- 202041051968, Filing Date- 28/11/2020 .

## SCOPUS/E-SCI

- [13] *Venkateswara Rao, M.*, Madhav, B. T. P., Naveen, T., Sai Prashanth, N., & Niharika, B. (2019). Met material loaded rectangular monopole antenna with ultra-wideband applications. International Journal of Recent Technology and Engineering, 8(1), 1573–1576.
- [14] Madhav, B. T. P., *Venkateswara Rao, M.*,(2018). Compact metamaterial inspired periwinkle shaped fractal antenna for multiband applications. International Journal of Engineering and Technology(UAE), 7(1.1), 507–512. <https://doi.org/10.14419/ijet.v7i1.1.10157>
- [15] Madhav, B. T. P., Thirumalarao, K., *Rao, M. V.*,(2018). Metamaterial inspire multiband monopole antenna with defected ground structure. International Journal of Engineering and Technology(UAE), 7(1.5 Special Issue 5), 90–96. <https://doi.org/10.14419/ijet.v7i1.5.9128>
- [16] Priyadarshini, B., Madhav, B. T. P., *Venkateswara Rao, M.* (2019). A compact semi square split ring resonator slotted flag shaped mimo antenna for band notched uwb applications. International Journal of Recent Technology and Engineering, 8(1), 3011–3018.
- [17] Kishore, M. P., Madhav, B. T. P., & Rao, *M. V.* (2019). A CPW-fed elliptically curved antenna design for multiband operation with metamaterial loading. International Journal of Innovative Technology and Exploring Engineering, 8(7), 120–125.
- [18] Sanam, N., Madhav, B. T. P., *Venkateswara Rao, M.*(2019). A flag-like MIMO antenna design for wireless and IoT applications. International Journal of Recent Technology and Engineering, 8(1), 3023–3029.
- [19] Naik, D. K., Madhav, B. T. P., Krishna, J., *Venkateswara Rao, M.*,(2019). CSRR loaded miniaturized 5G antenna for vehicular communication appliance. International Journal of Innovative Technology and Exploring Engineering, 8(7), 786–791.
- [20] Raghavaendra Rao, P., Madhav, B. T. P., Deepthi, C. H., *Venkateswararao, M.*,(2019). Design and analysis of multi-band met material antenna for wireless and IOT applications. International Journal of Recent Technology and Engineering, 8(1), 334–340.
- [21] Anilkumar, T., Madhav, B. T. P., Hawanika, Y. S., *Venkateswara Rao, M.*, & Prudhvi Nadh, B. (2019). Flexible liquid crystal polymer based conformal fractal antenna for Internet of Vehicles (IoV) applications. International Journal of Microwave and Optical Technology, 14(6), 423–430.
- [22] Saravanan, R. A., Madhav, B. T. P., *Venkateswararao, M.*,(2019). Frequency and pattern reconfigured multi band cpw antenna for wimax and x-band applications. International Journal of Innovative Technology and Exploring Engineering, 8(6), 1202–1208.
- [23] Sai Sivakumar, B., Pardha Saradhi, P., Madhav, B. T. P., *Venkateswara Rao, M.*, & Kesava Sai, G. (2019). Meta-material inspired monopole antenna for LTE/bluetooth/Wi-max subsystems. International

Journal of Recent Technology and Engineering, 8(1), 3019–3022.

- [24] Pokkunuri, P., Madhav, B. T. P., Sai, G. K., *Venkateswararao, M.*, (2019). Metamaterial inspired reconfigurable fractal monopole antenna for multiband applications. International Journal of Intelligent Engineering and Systems, 12(2), 53–61. <https://doi.org/10.22266/ijies2019.0430.06>
- [25] Kishore, M. P., Madhav, B. T. P., & *Rao, M. V.* (2019). Metamaterial loaded elliptical ring structured mimo antenna. International Journal of Engineering and Advanced Technology, 8(6), 1798–1801. <https://doi.org/10.35940/ijeat.F8457.088619>
- [26] Madhav, B. T. P., Babu, M. A., Kumar, P. V. S. P., *Rao, M. V.*, (2018). Cylindrical Structured Multiple-Input Multiple-Output Dielectric Resonator Antenna. In Lecture Notes in Electrical Engineering (Vol. 471, pp. 589–597). Springer Verlag. [https://doi.org/10.1007/978-981-10-7329-8\\_60](https://doi.org/10.1007/978-981-10-7329-8_60)
- [27] Saleem Akram, P., Madhav, B. T. P., Jeevana Sravya, G., Sudhakar, V., Lakshmi Sirisha, G., Mounika, C., & *Venkateswara Rao, M.* (2018). Design and analysis of square shaped serrated patch antenna for ultra-wideband applications with single rejection band. International Journal of Engineering and Technology(UAE), 7(1.1), 525–529. <https://doi.org/10.14419/ijet.v7i1.1.10160>
- [28] Ajay Babu, M., Madhav, B. T. P., Bhargavi, G., Sai Krishna, V., Hemanth Kumar Reddy, Y., Kalyan, G. V. S., & *Venkateswara Rao, M.* (2018). Design and analysis of stepped reconfigurable rectangular patch antenna for LTE, vehicular and ultra wideband applications. International Journal of Engineering and Technology(UAE), 7(1.1), 548–553. <https://doi.org/10.14419/ijet.v7i1.1.10164>
- [29] Vasujadevi, M., Madhav, B. T. P., Shiva Skandan, A., Rajeswari, P., Arjun Rao, K., Khyathi Reddy, K., & *Vekateswara Rao, M.* (2018). Maple leaf shaped array antenna for multiband applications. International Journal of Engineering and Technology(UAE), 7(1.1), 494–499. <https://doi.org/10.14419/ijet.v7i1.1.10153>
- [30] Ramakrishna, T. V., Madhav, B. T. P., *Venkateswara Rao, M.*, Babu Rao, A., Sunaina, A., Avinash, A., & Shivani, B. (2018). SRR loaded half -mode substrate integrated waveguide monopole slot antenna for multiband applications. International Journal of Engineering and Technology(UAE), 7(1.1 Special Issue 1), 560–564. <https://doi.org/10.14419/ijet.v7i1.1.10166>
- [31] Madhav, B. T. P., Reddy, V. S., Reddy, D. R., Sankar, K. R., Ramanujan, E. V. S. H., Prakash, V. V. S., & *Rao, M. V.* (2018). Tree shaped fractal antenna with multiband characteristics. International Journal of Engineering and Technology(UAE), 7(1.1 Special Issue 1), 333–338. <https://doi.org/10.14419/ijet.v7i1.1.9847>
- [32] Sujatha, M., Madhav, B. T. P., Prakhya, V., Akhila, B., Gowtham, N., Mozammil, S., & *Rao, M. V.* (2018). Tristrip monopole antenna with split ring resonators for ism band biomedical applications. Indian Journal of Public Health Research and Development, 9(6), 301–305. <https://doi.org/10.5958/0976-5506.2018.00568.5>
- [33] Madhav, B. T. P., Khan, H., Sri Harsha, B., Sai Kumar, P., Lavanya, M., Veena, K., & *Venkateshwara Rao, M.* (2018). X-Slotted circularly polarized antenna with parasitic patches. International Journal of Engineering and Technology(UAE), 7(1.1), 534–538. <https://doi.org/10.14419/ijet.v7i1.1.10162>
- [34] Madhav, B. T. P., Subbareddy, V., *Venkateswara Rao, M.*, (2017). A high gain metamaterial inspired vivaldi antenna for ultrawide band applications. Journal of Advanced Research in Dynamical and Control Systems, 9(Special Issue 14), 2078–2086
- [35] Madhav, B. T. P., Sai Santosh, T., *Venkateswara Rao, M.*, Sai Manikanta, S., Srinivas, K. B. V., & Hanumath Sastry, J. (2017). A novel ultra wideband mimo antenna with wimax band notch

characteristics. Journal of Advanced Research in Dynamical and Control Systems, 9(Special Issue 14), 2094–2103.

[36] Subbareddy, V., Madhav, B. T. P., Prathyusha, S., Gopi Janardhan, G., Kalpanath, N., & **Venkateswara Rao, M.** (2017). A printed staircase serrated CPW antenna for UWB applications. ARPN Journal of Engineering and Applied Sciences, 12(15), 4483–4488.

[37] Pardhasaradhi, P., Madhav, B. T. P., Vineel, M., Meghanadh Sai, K., Sharmada, M. R., Rahul, M., & **Venkateshwara Rao, M.** (2017). Bow-tie slot antenna for WLAN/WiMAX communication systems. Journal of Advanced Research in Dynamical and Control Systems, 9(Special Issue 14), 1840–1849.

[38] Prakash, B. L., Madhav, B. T. P., Lokesh, T., Sri, Y. R., Aditya, N. V. D. S., & **Rao, M. V.** (2017). Metamaterial inspired tri-band antenna with SRR and Shorting STUB. ARPN Journal of Engineering and Applied Sciences, 12(21), 6197–6205.

[39] Madhav, B. T. P., Reddy, M. V. K. C., **Rao, M. V.**, Krishna, C. M., Raj, P. C., & Jaya, G. (2017). Quad band filtenna using split ring resonators to notch unwanted frequencies in medical application bands. Journal of Theoretical and Applied Information Technology, 95(9), 2070–2077.

[40] Tilak, G. B. G., Kotamraju, S. K., Madhav, B. T. P., Sri Kavya, C., & **Venkateswara Rao, M.** (2019). Broken heart shaped monopole antenna for WiMAX applications. International Journal of Recent Technology and Engineering, 8(2), 2333–2337.

[41] Anilkumar, T., Madhav, B. T. P., Venkata Abhiram, R., Nikhil Sai Radhesh, K., Harish, J., & **Venkateswara Rao, M.** (2021). Analysis of CPW-Fed Modified Z-Shaped Reconfigurable Antenna for Automotive Communications. In Lecture Notes in Electrical Engineering (Vol. 655, pp. 709–717). Springer. [https://doi.org/10.1007/978-981-15-3828-5\\_74](https://doi.org/10.1007/978-981-15-3828-5_74)

[42] Lakshmi, M. L. S. N. S., Madhav, B. T. P., Khan, H., **Venkateswara Rao, M.**, & Madhumati, G. L. (2020). Triple notch reconfigurable parasitic monopole patch antenna with defected ground structures. International Journal of Microwave and Optical Technology, 15(4), 318–324

Total Publications	SCI Indexed	Scopus INDEXED	UGC Indexed
60	12	30	18

**Scopus ID:** <https://www.scopus.com/authid/detail.uri?authorId=57210294053>

**ORCID ID:** <http://orcid.org/0000-0002-8766-9123>

#### Achievements / Awards etc.,

1. Gate Qualified : March 2013.
2. Conducted One day program on RF antenna Design in Ramachandra college Eluru
3. Conducted One day program on Antenna Design using HFSS in Andhra Loyola college Vijayawada
4. Won best paper award in ATMS 2019 held at Chennai



M Venkateswara Rao




# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	N. Umakanth	
<b>Designation</b>	Assistant Professor	
<b>Date of Joining</b>	10-04-2021	
<b>Nature of Association</b>	Regular	
<b>Email &amp; Phone No</b>	nandivadaumakanth@gmail.com & 8019909824	
<b>Department</b>	Electronics and Communication Engineering	
<b>Educational Background</b>	1. PhD from K L University 2. M.Tech from Andhra University, Visakhapatnam 3. B.Tech (ECE) from JNTU, Kakinada	
<b>Areas of Specialization</b>	Satellite communication and remote sensing	
<b>Research Areas</b>	Satellite communication and remote sensing, Digital Image Processing	
<b>Experience</b>	0 Years	

### List of Publications (National and International Journals):

1. **Umakanth, N.**, Satyanarayana, G. C., Naveena, N., Srinivas, D., and Bhaskar Rao, V. D Statistical and dynamical based thunderstorm prediction over southeast India. Journal of earth system science, 2021, Article in Press. [Springer, Science Citation Index, Journal]
2. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Prashant Kumar and Rao, M. C Impact of convection and stability parameters on lightning activity over Andhra Pradesh, India. ACTA GEOPHYSICA, 2020, Article in Press. [Springer, Science Citation Index,Journal]
3. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., M. TanoojKumar & Babu, N. R. Analysis of various thermodynamic instability parameters and their association with the rainfall during thunderstorm events over Anakapalle (Visakhapatnam district), India. ACTA GEOPHYSICA, 2020, Article in Press. [Springer, Science Citation Index,Journal]
4. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. Long-term analysis of thunderstorm-related parameters over Visakhapatnam and Machilipatnam, India. ACTA GEOPHYSICA, 2020, Article in Press. [Springer, Science Citation Index,Journal]

5. Satyanarayana, G. C., Naidu, CV, Bhaskar Rao, DV, **Umakanth, N.**, Naveena, N. Medium-range forecasts of extreme rainfall events during the Indian summer monsoon. *Mausam*, 71 (July 2020). 10. (2020).
6. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. (2020, May). Factors influencing lightning flashes and convective systems over Srilanka. In *AIP Conference Proceedings* (Vol. 2220, No. 1, p. 140062). AIP Publishing LLC. [Web of Science, Scopus Indexed Journal]
7. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. (2020, May). Analysis of lightning flashes over Bangladesh. In *AIP Conference Proceedings* (Vol. 2220, No. 1, p. 140041). AIP Publishing LLC. [Web of Science, Scopus Indexed Journal]
8. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. (2020, May). Climatological analysis of lightning flashes over Kerala. In *AIP Conference Proceedings* (Vol. 2220, No. 1, p. 140040). AIP Publishing LLC. [Web of Science, Scopus Indexed Journal]
9. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. Satellite based interpretation of stability parameters on convective systems over India and Srilanka. *Asian journal of atmospheric environment*, 2020, Article in Press. [Web of Science, Scopus Indexed Journal]
10. Naveena, N., Satyanarayana, G. C., Dharma Raju, A., Sivashankar rao, K., umakanth, N., Spatial and statistical characteristics of heat waves impacting India. *AIMS Environmental Science*, 8(2), 117-134, March (2021). [Web of Science, Scopus Indexed Journal]
11. G. Ch. Satyanarayana, **N. Umakanth**, K. S. Ramesh, S. M. Basha, N. Naveena, A. Dharma Raju and K. Siva Sankar "Periodicities of winter monsoon rainfall over Rayalaseema using Maximum Entropy Method" In *Solid state technology*, vol. 63, no. 2, 2020. [Scopus Indexed Journal]
12. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. (2020, May). A study of thunderstorm features over Srikakulam region on 26<sup>th</sup> April, 2020, In *Journal of Critical Reviews*. [Scopus Indexed Journal]
13. **Umakanth, N.**, Satyanarayana, G. C., Simon, B., Rao, M. C., & Babu, N. R. (2019, December). INFLUENCE OF CONVECTIVE WEATHER RELATED PARAMETERS ON RAINFALL OVER VIRAJPET REGION ON 26 APRIL 2013, In *Journal of Critical Reviews*. [Scopus Indexed Journal]
14. **Umakanth, N.**, Satyanarayana, G. Ch., Simon, B., Rao, M. C. and Babu, N. R. (2020). Influence of Pressure Level based Parameters on Lightning and Rainfall over Nepal. *International Journal on Emerging Technologies*, 11(2): 571-576. [Scopus Indexed Journal]
15. **Umakanth, N.**, Satyanarayana, G. Ch., Simon, B., Rao, M. C., Babu, N. R., Nveen. R, Satyanarayana. T. Manikya Rao. Gand Seshu Kumar. M (2020). Severe Thunderstorm Event over Hindol Region on 22nd April, 2012. *Test Engineering & Management*, 83:917-922. [Scopus Indexed Journal].
16. **Umakanth, N.**, Satyanarayana, G. Ch., Simon, B., Rao, M. C., Babu, N. R., and Satyanarayana. T. (2019). Impact of Atmospheric Stability Indices on Convective Systems Over India and Srilanka. *International Journal of Recent Technology and Engineering (IJRTE)*, 8(4), 3142 - 3146. [Scopus Indexed Journal]
17. **Umakanth, N.**, Satyanarayana, G. Ch., Ch. Lakshmi Harika, Ch. Shweta, N. Akhil Chowdary. (2019). Satellite and AWS Based Scrutiny of Heat Wave over A.P. *International Journal of Recent Technology and Engineering (IJRTE)*, 8(4), 4719 -4722. [Scopus Indexed Journal]
18. **Umakanth, N.**, Satyanarayana, G. Ch., D. Puneet Kumar, L. Ram Gopal, K. Kranthi Mahesh. (2019). Thunderstorms over A.P using INSAT- 3D Satellite Data. *International Journal of Recent Technology and Engineering (IJRTE)*, 8(4), 4591 -4594. [Scopus Indexed Journal]
19. **Umakanth, N.**, Satyanarayana, G. Ch., I. V. S. S. K. Kiran, V. Kartheek Sai, D. Mercy. (2019). ANN and ARMA based thunderstorm prediction over Andhra Pradesh using INSAT 3D

Satellite. International Journal of Recent Technology and Engineering (IJRTE), 8(4), 4723 -4726. [Scopus Indexed Journal]

20. **UmaKanth, N.**, Satyanarayana, G. C., Simon, B., & Rao, M. C. (2019). Some Climatological Aspects of Convective Systems at Five Major Cities of West Bengal, India. *Earth Science India*, 12(2). [Google Scholar Indexed Journal]
21. **UmaKanth, N.**, Satyanarayana, G. C., & Rao, D. B. (2019) Analysis and Prediction of Thunderstorms over Andhra Pradesh using INSAT 3D and MODIS Satellite Data. Vayumandal, Journal. [Google Scholar Indexed Journal]
22. Rao, M. C., R. V. S. S. N. Ravikumar, M. Seshu Kumar, **N. Umakanth**, SkShahenoorBasha, and B. RanjitKumar. "Effect of ZrO<sub>2</sub> nanofiller on ionic conductivity studies of PVP- CH<sub>3</sub>COONa. 3H<sub>2</sub>O polymer electrolyte films." In *AIP Conference Proceedings*, vol. 1992, no. 1, p. 030011. AIP Publishing LLC, 2018.

#### **National/International Conferences ((National and International):**

1. I attended a School on **Computational Meteorology** sponsored by **Science and Engineering Research Board, Govt.of.India** which was held at K L university during October 23<sup>rd</sup> – November 15<sup>th</sup> 2017.
2. I attended a SMART training programme on INSAT – 3DR satellite products which was held at **SAC, ISRO Ahmedabad Bhopal campus** during February 14<sup>th</sup> – February 17<sup>th</sup> 2017.
3. I attended a training programme on Monsoon School on **Urban Floods** which was held at **IISC Bangalore** during January 02<sup>nd</sup> – 07<sup>th</sup> July 2018.
4. I attended an training programme on **Recent Advances in Observations and Data Assimilation Techniques for Severe Weather Forecasting** Which was held at **SV university** during March 23<sup>rd</sup> – March 24<sup>th</sup> 2017.
5. **N. Umakanth**, G. Ch. Satyanarayana, D. V. Bhaskar Rao and L Malleswara Rao "Analysis and Prediction of Thunderstorms over Andhra Pradesh" TROPMET-2019 to be held at AU, Visakhapatnam, on December 11-14, 2019.
6. G. Ch. Satyanarayana, N. Naveena, **N. Umakanth**, D. V. Bhaskar Rao and L. Malleswra Rao "Extreme Rainfall events over the India during Monsoon - 2018" Annual Monsoon-20018 workshop and Prof. D. R. Sikka Memorial National Symposium on role of weather & climate observations and forecasting on increasing agricultural productivity & risk management organized by Indian meteorological society, Pune chapter, Pune on March 28-30, 2019.
7. **N. Umakanth**, G. Ch. Satyanarayana, N. Naveena and D. V. Rao. "Stability Indices Based Thunderstorm Prediction Over A.P Using INSAT- 3D & 3DR Data" International Conference on Thunderstrm& Lighting in Tropics to be held at Bhubaneswar, Odisha on 17-19 January 2019.
8. G. Ch. Satyanarayana, N. Naveena, **N. Umakanth**, D. Srinivas and D. V. Bhaskar Rao "Heat waves over India during the 20th and 21st century" TROPMET-2018 to be held at BHU, Varanasion on October 24-27, 2018.
9. N. Naveena, G. Ch. Satyanarayana, **N. Umakanth** and D. V. Bhaskar Rao "Frequencies of heat waves over India in the global warming era" TROPMET-2018 to be held at BHU, Varanasion on October 24-27, 2018.
10. R. H. Lucy Supriya, G. Ch. Satyanarayana, D. V. Bhaskar Rao, **N. Umakanth** and N. Naveena "Changes in the northeast monsoon rainfall over South Peninsular India in the recent three decades" TROPMET-2018 to be held at BHU, Varanasion on October 24-27, 2018.
11. **N. Umakanth**, G. Ch. Satyanarayana, N. Naveena and D. V. Rao. " Stability Indices Based Thunderstorm Prediction over Andhra Pradesh " in FIGA 2nd Triennial

Congress On Geosciences For Sustainable Development Goals held at CSIR NGRI, Hyderabad, Telangana on 13-16 October 2019.

12. I attended an workshop on Thunderstorm and lightning: Prediction, Detection & Awareness which was organized by **APSDMA** held at vijayawada, during December 18<sup>th</sup> – December 19<sup>th</sup> 2019.
13. **N. Umakanth**, G. Ch. Satyanarayana, D. V. Bhaskar Rao " Mesoscale convective systems over India using Satellite Data" TROPMET-2016 to be held at SOA University, Bhubaneswar, on December 18-21, 2016.
14. **N. Umakanth**, G. Ch. Satyanarayana, N. Naveena and D. V. Bhaskar Rao " Power Spectrum Analysis of Pre-monsoon Season Rainfall over Andhra Pradesh and Telangana" at Conference on advances in applied sciences and mathematics (NCASM-2020) to be held at Chitkara university, Punjab, on September 24-25, 2020.
15. **N. Umakanth**, G. Ch. Satyanarayana, D. V. Bhaskar Rao and L Malleswara Rao " Prediction of thunderstorms over southeast India using empirical methods" TROPMET-2020 to be held at NESAC, Mizoram, on December 11-14, 2019.
16. **N. Umakanth**, G. Ch. Satyanarayana, M. C. Rao and N. R. Babu " Factors influencing lightning flashes and convective systems over Srilanka" **International Conference on condensed matter and applied physics (ICC2019)** to be held at Govt. Engineering College, Bikaner, Rajasthan, on October 14-15, 2019.

#### **Achievements / Awards etc.,**

1. I was awarded CSIR SRF fellowship during 2018-2020.
2. I was awarded Gold Medal during my M.Tech study (2014 – 2016)
3. I was a NCC C Certificate holder.

*N. Umakanth*

**N.Umakanth**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** Dr B Prudhvi Nadh

**Designation** Assistant Professor

**Date of Joining** 20-04-2021

**Nature of Association** Regular

**Email & Phone No** Prudhvi273835@gmail.com & 8500540659

**Department** Electronics and Communication Engineering

**Educational Background**  
1. Phd in Wearable Microwave Antennas from KLU  
2. M. Tech (Communication Systems) from SRKR, AU, Visakhapatnam  
3. B. Tech (ECE) from VCET, JNTU Hyderabad

**Areas of Specialization** Microwave antennas, On-Body antennas, MEMS.

**Research Areas** Wearable Antennas, Biomedical antennas, Vehicular communication, Frequency selective surfaces, Artificial Magnetic conductors, MEMS Switches

**Experience** 04 Years



S.No	Institute	Designation	Period
1	Koneru Lakshmaiah Education Foundation (Deemed to be University)	CSIR-SRF	1-04-2019 -31-03-2021
2	Koneru Lakshmaiah Education Foundation (Deemed to be University)	Project Assistant	20-03-2017 - 20-03-2019

## List of Publications (International Journals):

### SCI

1. **Prudhvi Nadh, B.**, Madhav, B. T. P., Siva Kumar, M., Venkateswara Rao, M., & Anilkumar, T. Circular ring structured ultra-wideband antenna for wearable applications. *International Journal of RF and Microwave Computer-Aided Engineering*, e21580.
2. **Prudhvi Nadh, B.**, Madhav, B. T. P., Siva Kumar, M., Venkateswara Rao, M., & Anilkumar, T. (2018). Asymmetric Ground Structured Circularly Polarized Antenna for ISM and WLAN Band Applications. *Progress In Electromagnetics Research*, 76, 167-175.
3. **Prudhvi Nadh, B.**, Madhav, B. T. P., & Kumar, M. S. (2019). Design and analysis of dual band implantable DGS antenna for medical applications. *Sādhanā*, 44(6), 131.
4. **Prudhvi Nadh, B.**, Madhav, B. T. P., Siva Kumar, M., Anilkumar, T., Venkateswara Rao, M., & Kishore, P. V. V. (2020). Windmill-shaped antenna with artificial magnetic conductor-backed structure for wearable medical applications. *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields*, e2757.
5. Madhav, B. T., Rajiya, S., **Nadh, B. Prudhvi.**, & Kumar, M. S. (2018). Frequency reconfigurable monopole antenna with DGS for ISM band applications. *Journal of Electrical Engineering*, 69(4), 293-299.
6. Anilkumar, T., Madhav, B. T. P., Rao, M. V., & **Nadh, B. Prudhvi.** (2020). Bandwidth Reconfigurable Antenna on a Liquid Crystal Polymer substrate for Automotive Communication Applications. *AEU-International Journal of Electronics and Communications*, 153096.
7. Venkateswara Rao, M., Madhav, B. T. P., Anilkumar, T., & **Prudhvinadh, B.** (2020). Circularly polarized flexible antenna on liquid crystal polymer substrate material with metamaterial loading. *Microwave and Optical Technology Letters*.
8. Rao, M. V., Madhav, B. T. P., Anilkumar, T., & **Nadh, B. Prudhvi.** (2018). Metamaterial inspired quad band circularly polarized antenna for WLAN/ISM/Bluetooth/WiMAX and satellite communication applications. *AEU-International Journal of Electronics and Communications*, 97, 229-241.
9. Prasad, G. R., Madhav, B. T. P., Pardhasaradhi, P., Devi, Y. U., **Nadh, B. Prudhvi.**, Anilkumar, T., & Rao, M. V. (2021). Concentric Ring Structured Reconfigurable Antenna using MEMS Switches for Wireless Communication Applications. *Wireless Personal Communications*, 1-22.

### SCOPUS

1. Gundu, R.P., Saradhi, P.P., Madhav, B.T.P., **Nadh, B.P.** Frequency reconfigurable lungs-shaped microstrip antenna using pin diodes and annular ring. “*International Journal of Innovative Technology and Exploring Engineering*”, 2019.

2. Sai Ram, C., Ramesh, N.V.K., Madhav, B.T.P., **Prudhvi Nadh, B.** Split ring loaded slotted patch antenna for wimax and X-band applications. *“International Journal of Innovative Technology and Exploring Engineering”*,2019
3. Shaik, A., Madhav, B.T.P., Moorthy, S., **Nadh, B.P.** Design of a bandpass filter antenna with improved bandwidth response using DGS. *“International Journal of Recent Technology and Engineering”*.2019
4. Mohan Reddy, S.S., Manjusha, A., Kumari, K.A., Madhav, B.T.P., **Nadh, B.P.** Circular ring loaded flower shaped antenna for triple band applications. *“International Journal of Engineering and Advanced Technology”*,2019.
5. Sree, C.S., **Prudhvi Nadh, B.**, Madhav, B.T.P. A new monopole antenna design for ISM band coverage. *“International Journal of Recent Technology and Engineering”*,2019
6. Deepthi, C.H., Rama Krishna, T.V., Madhav, B.T.P., **Prudhvi Nadh, B.** Planar monopole antenna with compact EBG for wireless body area network (WBAN) applications. *“International Journal of Recent Technology and Engineering”*,2019.
7. Dharani, K., Rajesh, V., Madhav, B.T.P., **Prudhvi Nadh, B.** Reconfigurable monopole antenna for WLAN/ bluetooth/ ISM/GPS/ LTE applications. *“International Journal of Recent Technology and Engineering”*,2019.
8. Najumunnisa, M.D., Khan, H., Madhav, B.T.P., **Nadh, B.P.**, Inthiyaz, S. 4 X 4 element MIMO antenna with notch band characteristics for WLAN applications. *“ARPN Journal of Engineering and Applied Sciences”*,2019
9. Anilkumar, T., Madhav, B.T.P., Hawanika, Y.S., Venkateswara Rao, M., **Prudhvi Nadh, B.** Flexible liquid crystal polymer based conformal fractal antenna for Internet of Vehicles (IoV) applications. *“International Journal of Microwave and Optical Technology”*,2019.
10. Kolusu, S.S.R., Modala, A.B., Madhav, B.T.P., **Nadh, B.P.** Concentric circular ring loaded triple band antenna for wireless applications. *“International Journal of Intelligent Engineering and Systems”*,2019.
11. Teja Babu, K., Syam Sundar, P., Madhav, B.T.P., **Prudhvi Nadh, B.**, Kotamraju, S.K. Dual notch UWB monopole antenna with u-shaped slots. *“ARPN Journal of Engineering and Applied Sciences”*,2019.
12. Madhav, B. T. P., Monika, M., Kumar, B. S., & **Prudhvinadh, B.** (2019). Dual band reconfigurable compact circular slot antenna for WiMAX and X-band applications. *Radioelectronics and Communications Systems*, 62(9), 474-485(Scopus).
13. Madhav, B. T. P., **Nadh, P.B.**, Kumar, A., Pardhasaradhi, P., Rao, M. C., & Lakshman, P. (2020). Frequency Reconfigurable Split Ring Antenna for LTE And WiMAX

Applications. *International Journal of Electronics and Telecommunications*, 66(2), 255-260(Scopus).

14. **Prudhvi Nadh B**, Reddy, S. M., Rao, P. M, Madhav, B. T. P., & Kumari, K. A. (2018). Design and Analysis of Compact Circular Half-Ring Monopole Antenna with DGS. In *Smart Computing and Informatics* (pp. 221-231). Springer, Singapore.
15. **Prudhvi Nadh B**, Reddy, S. M., Rao, P. M., Madhav, B. T. P. (2018). Design and Analysis of Circular Notch Band DGS Monopole Antenna. In *Proceedings of 2nd International Conference on Micro-Electronics, Electromagnetics and Telecommunications* (pp. 409-417). Springer, Singapore.
16. Reddy, S. M., Madhav, B. T. P., Kumari, K. A., **B Prudhvi** , Praveen, M. V. S., Hemachand, M., & Mounika, E. (2018). Arc-Shaped Monopole Liquid-Crystal Polymer Antenna for Triple-Band Applications. In *Microelectronics, Electromagnetics and Telecommunications* (pp. 797-806). Springer, Singapore.
17. Reddy, S. M., Sanjay, B., Kumari, K. A., Madhav, B. T. P., & **Nadh, B. Prudhvi**. (2021, February). MIMO Dual Sensing Antenna with Notch Characteristics. In *Journal of Physics: Conference Series* (Vol. 1804, No. 1, p. 012194). IOP Publishing.
18. Madhav, B. T. P., Vani, J., Priyanka, R. R., **Nadh, B. P.**, & Rao, M. C. (2021, February). Concentric Ring Loaded Monopole Antenna with AMC Backed for Wearable Applications. In *Journal of Physics: Conference Series* (Vol. 1804, No. 1, p. 012191). IOP Publishing.

<b>Total Publications</b>	<b>SCI Indexed</b>	<b>Scopus INDEXED</b>
27	9	18

**Scopus ID:** <https://www.scopus.com/authid/detail.uri?authorId=57209266692>

**ORCID ID:** <https://orcid.org/0000-0002-0279-1198>

#### **Achievements / Awards etc.,**

1. Awarded with **Senior Research Fellow** from Council of Scientific and Industrial Research (CSIR) and funded with Fellowship of **Rs:10,14,400/- Govt. of India**, from April 2019-21.
2. **Gate Qualified** : **March 2014.**
3. **Won best paper award in ATMS 2019 held at Chennai.**

**Dr B Prudhvi Nadh**




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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Koneru Ramakoteswara Rao	
<b>Designation</b>	Associate Professor	
<b>Date of Joining</b>	1.12.2012	
<b>Nature of Association</b>	Regular	
<b>Email &amp; Phone No</b>	koneru_rama1@yahoo.com & 08662583842	
<b>Department</b>	Electronics and Communication Engineering	
<b>Educational Background</b>	1. M.Tech (DSCE) From JNTUA, Ananthapur 2. B.Tech (ECE) From Nagarjuna University, Guntur	
<b>Area of Specialization</b>	Digital Systems and Computer Electronics	
<b>Research Areas</b>	VLSI Design	
<b>Experience</b>	29 Years	

Sl. No	Institute	Designation	Period
5	DhaneKula Institute of Engineering & Technology	Associate Professor	2012-till date
4	DVR & HS MIC College of Technology, Kanchikacherla	Associate Professor	2007-2012
3	K.L.College of Engineering, Vijayawada	Assistant Professor	2002-2007
2	V.K.R. &V. N. B. Polytechnic, Gudivada, Krishna Dist	Associative Lecturer	1993-2001
1	Sri Krishnaveni Degree College, Vijayawada, Krishna Dist	Lecturer	1991-1993

<b>List of Publications (National and International Journals)</b>	9
<b>National/International Conferences (National and International)</b>	NIL
<b>Achievements / Awards etc.,</b>	NIL

Koneru Ramakoteswara Rao



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Lakshmi Sowjanya Koneru
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	7.6.2010
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	Sowjanya5710@gmail.com & 8885516969
<b>Department</b>	Electronics & Communication Engineering
<b>Educational Background</b>	1. M. Tech (VLSI System Design) from VNRVJIET, Hyderabad. 2. B. Tech (ECE) from NIET, Hyderabad. 3. Diploma in ECE from K.E.S Polytechnic for Women, Vijayawada.
<b>Area of Specialization</b>	VLSI System Design
<b>Research Areas</b>	NIL
<b>Experience</b>	11 Years



Sl. No	Institute	Designation	Period
2	Dhanekula Institute of Engineering & Technology	Asst.Prof	2010 - till date
1	K. L. College of Engineering	Lecturer	2006 - 2007

### List of Publications (National and International Journals)

- 1) Low Power and Area Efficient Fused Floating Point FFT Architecture, International journal of scientific engineering and technology, ISSN 2319-8885 Vol.04, Issue.25, July-2015, Pages:4738-4740
- 2) Implementation of RISC processor using Radix-4 and Radix-8 Booth Encoded Multi-Modulus Multipliers, IJMETMR, ISSN/ISBN. 2348-4845.

K.L. Sowjanya

# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated to JNTUK Kakinada)

Programmes Accredited by NBA: B.Tech in CE, MEC, EEE & ECE

NAAC Accredited & An ISO 9001-2015 Certified Institution

Ganguru, Vijayawada – 521 139. Phone: 8333924842/43, 9441675588, Mob: 9491017088

Email: diet.principal@gmail.com, principal@diet.ac.in, Website: www.diet.ac.in

## Faculty Profile

**Name of faculty** Mr. Chandra Sekhar Savalam  
**Designation** Assistant Professor  
**Department** Electronics and Communication Engineering



**Date of Joining** 01.11.2012

**Nature of Association** Regular

**Email** [csekhar.savalam@gmail.com](mailto:csekhar.savalam@gmail.com), [css@diet.ac.in](mailto:css@diet.ac.in)

**Phone Number** +91 94404 64408

**Educational Background** Pursuing Ph.D. (VLSI Design), JNTUK University, Kakinada

M.Tech (VLSI SD), JNTUK University, Kakinada

B.Tech (ECE), JNTUH University, Hyderabad

**Total Experience** 14 Years

**Industrial Experience** -

**Teaching Experience** 14 Years

**Area of Specialization** VLSI Design

**Research Areas** VLSI Design, Error Correcting Codes, FPGA Design and Signal Processing.

<b>Experience:</b>			
<b>S.No</b>	<b>Institute/Industry</b>	<b>Designation</b>	<b>Period</b>
1.	Dhanekula Institute of Engineering & Technology	Asst.Professor	1.11.2012–till date
2.	MVR College of Engineering and technology, Paritala. Vijayawada.	Asst.Professor	08-07-2010 to 17-10-2012
3.	Raja Mahendra College of Engineering and Technology, Hyderabad.	Asst.Professor	07-11-2007 to 13-10-2009
4.	Anwarul uloom College of Engineering and Technology, Vikarabad.	Asst.Professor	05-06-2006 to 31-10-2007

## List of Publications (National and International Journals)

- Korapati Prasanti, S. Kalpana, **Chandra Sekhar Savalam**, "Protection of Cultivated Fields during Heavy Rains and Air" *Journal of Green Engineering*, Volume-10, Issue-12, December 2020, Page No. 13311-13320. (Scopus Indexed)

- 2 **Chandrasekhar Savalam** , Shaheda Sultana, MD.Tarunam Jahan , N.Durga Prasad , P.Komali,  
**“Design and Implementation of Reverse Carry Propagate Adder(RCPA) on FPGA”**  
 International Journal of Innovative Engineering and Management Research (IJIEMR), Vol 09  
 Issue07, July 2020.
- 3 **S.Chandra Sekhar**, Prasanti Korapati,**“Design and Analysis of Gray to Binary converter  
 using Quantum Dot Cellular Automata(QCA)”** Test Engineering and Management, March-  
 April 2020 ISSN: 0193-4120 Page No. 13018 – 13023
- 4 **S.Chandra Sekhar**, Prasanti Korapati, AS Haranadh,**“ Design and Implementation of High  
 performance and low power Mixed logic line Decoders”** International Journal of Innovative  
 Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue- 6S4, April  
 2019. (Scopus Indexed)
- 5 D.Yamini , **S.Chandra Sekhar**, **“10T SRAM-VDD pre-charge using read port for low switching  
 power and low RBL leakage”** International Journal of Scientific Development and Research  
 (IJS DR), *Volume 5 Issue 15 May 2018. e-ISSN: 2348-6848, p-I ISSN: 2348-795X.*
- 6 P Divya, **S.Chandra Sekhar**, **“Carry skip adder (CSKA) high-speed operating under wide  
 range of supply logic at different levels”** International Journal of Scientific Development and  
 Research (IJS DR), *Volume 3 Issue 4 April 2018. ISSN: 2455-2631.*
- 7 CH. Harika, **S.Chandra Shekhar**, **“Systematic Error Correcting Codes Implementation for  
 Matching of Data Encoded”** International Journal of Professional Engineering Studies  
 (IJPRES), *Volume VIII Issue 2 ,January 2017.*
- 8 T.Sikhamani, **Chandrasekhar Savalam**, **“Design of Fault Tolerant Parallel FFT’s Using Error  
 Correction Codes and Parseval Checks”** International Journal & Magazine of Engineering,  
 Technology, Management and Research (IJMETMR) ,*Volume 4 Issue 5 May 2017. ISSN No:  
 2348-4845.*
- 9 G.Janani , **S.Chandra Sekhar**, **“Direct Design of Reversible Combinational and Sequential  
 Circuits Using PSDRM Expressions”** International Journal of Research in Engineering and  
 Science (IJRES), Volume 3 Issue 11, November. 2015. ISSN (Online): 2320-9364, ISSN (Print):  
 2320-9356.
- 10 **S.Chandra Sekhar**, J.Lakshmi Prasanna, **“128 Bit Parallel Prefix Tree Structure  
 Comparator”** International Journal of Research in Engineering and Science (IJRES), Volume 3  
 Issue 10, October. 2015. ISSN (Online): 2320-9364, ISSN (Print): 2320-9356.
- 11 **Chandrasekhar Savalam**, Prasanti Korapati, **“Implementation and Design of AES S-Box on  
 FPGA”** International Journal of Research in Engineering and Science (IJRES), Volume 3 Issue 1,  
 Jan. 2015. ISSN (Online): 2320-9364, ISSN (Print): 2320-9356.

## National/International Conferences (National and International)

1. Korapati Prasanti, Kalpana Seelam, Ch Jayalakshmi, **Chandra Sekhar Savalam** **“Preventive  
 system for forests property using wireless communication”** in IEEE 2019 5th International  
 Conference on Advanced Computing & Communication Systems (ICACCS), JCT Institutions  
 Engineering and polytechnic, Pichanur, COIMBATORE, TAMIL NADU, INDIA
2. K Prasanti, S Kalpana, **Chandra Sekhar Savalam** **“A Novel Feature of Increased Safety  
 During Car Crashes”** in IEEE 2<sup>nd</sup> International Conference on Inventive Systems and Control  
 (ICISC 2018) organized during 19<sup>th</sup> and 20<sup>th</sup> January, 2018, JCT Institutions Engineering and  
 polytechnic, Pichanur, COIMBATORE, TAMIL NADU, INDIA
3. K Prasanti , Ch JayaLakshmi , **S.Chandra Sekhar** **“A prototype controlling of barrage gates  
 using Arduino under flood conditions”** in (IET&IEEE) 3<sup>rd</sup> International conference on  
 Electrical, Electronics, Engineering Trends, Communication, Optimization and  
 Sciences(EEECOS-2016) organized by SASI Institute of Technology & Engineering,  
 Tadepalligudem, Westgodavari District, Andhrapradesh, India, During 1<sup>st</sup> to 2<sup>nd</sup> ,June 2016.
- 4 Ch.Jaya Lakshmi ,K.Prasanti, **S.Chandra Sekhar** **“Performance Analysis of Image Fusion for  
 Different Wavelet Families”** in (IEEE) March 2016 International Conference on Innovations  
 in information Embedded and Communication Systems (ICIIECS'16) organized during March  
 2016, Karpagam College of Engineering, Coimbatore, COIMBATORE, TAMIL NADU, INDIA.

## List of Workshops/Seminars/Guest lectures/FDPs/Webinars- Attended

- 1 Actively participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Lab on Chip"** from **2021-1-18** to **2021-1-22** at **S.R. M INSTITUTE OF SCIENCE AND TECHNOLOGY**.
- 2 Actively participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Sensors Technology"** from **2021-1-4** to **2021-1-8** at **S.R. M INSTITUTE OF SCIENCE AND TECHNOLOGY**.
- 3 Actively participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Micro-electromechanical Systems"** from **2020-11-23** to **2020-11-27** at **SARDAR PATEL COLLEGE OF ENGINEERING**.
- 4 Actively participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Internet of Things (IoT)"** from **2020-11-14** to **2020-11-18** at **Indian Institute of Technology Goa (IIT Goa)**.
- 5 Actively participated in AICTE sponsored short term training program on **"Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms"** Phase-I, Organised by Department of Electronics and Instrumentation Engineering from 26<sup>th</sup> October to 31<sup>st</sup> October, 2020.
- 6 Attended "A 3-Day Online Certification Program on **Designing FPGA's Using the Vivado Design Suite**" held from 8<sup>th</sup> June to 10<sup>th</sup> June 2020, by sandeepani school of Embedded System Design, Bangalore in association with CoreEL Technologies and Xilinx.
- 7 Attended "A One Week National Level Online Faculty Development Program on **Innovation to Academics**" organized by the Ramachandra College of Engineering, Eluru, in association with National Science & Technology Entrepreneurship Development Board (NSTEDB) Conducted from 11-05-2020 to 16-05-2020.
- 8 Attended "A 4-Day Online FDP on **Data Science and Machine Learning using Python**" organized by the Department of Electronics and Computer Engineering, K L University held on 20th-23rd April 2020.
- 9 Attended a Webinar on **"Challenges and Importance of e-Waste management"**, organized by the IEEE Communications Society Students chapter, Department of Electronics and Communication Engineering, Sreenidhi Institute of Science and Technology, Hyderabad in association with IEEE product Safety Engineering Society, India through Online.
- 10 Participated in the International Webinar on **"Nano-Structured thin films for Multifunctional Applications"** organised by the Departments of Chemistry, Physics & Electronics, on 11th June 2020.
- 11 Attended **"A Webinar on Artificial Intelligence & Machine Learning-Challenges, Opportunities and Emerging Applications"** organized by the Department of Electronics and Computer Engineering, K L University held on 30th April 2020.
- 12 Attended **"A Webinar on Machine Learning Techniques for detection and classification"** organized by the Department of Electronics and Computer Engineering, K L University held on 25th April 2020.
- 13 Attended **"A Webinar on Examination reforms to complement OBE requirements"** organized by the Department of Electronics and Computer Engineering, K L University held on 24th April 2020.
- 14 Attended the Webinar on **"Variable Frequency Drives – Cutting Edge Technology"** organized by Department of Electronics and Communication Engineering, Easwari Engineering College on 14th May, 2020.
- 15 Attended an International Webinar on **Microfabrication Technology** organized by the Dept. of Computer Science and Engineering, JIS College of Engineering, Kalyani, Nadia, West Bengal, India, on the 9<sup>th</sup> of July 2020.
- 16 Attended an International Webinar on **Time Series Analysis, Modeling and Forecasting** organized by the Dept. of Computer Science and Engineering, JIS College of Engineering, Kalyani, Nadia, West Bengal, India, on the 4<sup>th</sup> of July 2020.
- 17 Participated in the Webinar on **"Ensuring Quality Assurance In Higher Education – Role Of Industry & Professional Bodies"** organized by Internal Quality Assurance Cell (IQAC) and Department of Computer Science & Engineering under **AICTE MARGDARSHAN** on 1st June, 2020.

- 18 Attended an International Webinar on **Block Level Design Using IP Integrator in Xilinx Vivado** held on 26<sup>th</sup> of June 2020 in association with CoreEL Technologies and Xilinx.
- 19 Attended the Webinar series” **The vision and Goals with core values of IEEE, Technology Entrepreneurship Development, Role of IEEE 802 standards family during COVID-19 and post COVID-19 era,**” organised by IEEE student branch, Department of Electronics and Communication Acropolis Institute of Technology and research, Indore during 18-05-2020 to 20-05-2020.
- 20 Attended a One Week INUP hands-on training workshop on “**Nano Fabrication Technologies**” Held at **IIT Bombay**, Mumbai during October 22<sup>nd</sup> to 26<sup>th</sup> 2018.
- 21 Attended a One Day National Convention on “**Research Trends in Wireless Communication Technologies**” organized by Dept.of ECE, PVPSIT, in association with **National Instruments India** on 29<sup>th</sup> July 2017.
- 22 Attended a Five Day Workshop on “**VLSI Design**” organized by **APSSDC (Andhra Pradesh State Skill Development Corporation) Department of Skill development, Entrepreneurship & Innovation, Government of Andhra Pradesh** during 15<sup>th</sup> to 19<sup>th</sup> Nov 2016 at Dept. of ECE, SRK Institute of Technology, Enekepadu, Vijayawada.
- 23 Attended a Five day Workshop on “**Recent Advancements in VLSI Technology and Design Using EDA Tools**” organized by Dept.of ECE, UCEK(A), JNTUK, KAKINADA during 20<sup>th</sup> to 24<sup>th</sup> July 2016.
- 24 Attended a Three day Workshop on “**Custom IC Design and ASIC Implementation Using Cadence EDA Tools**” organized by Dhanekula Institute of Engineering &Technology, Ganguru on 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> of August 2016.
- 25 Participated One Week Faculty Development Program (FDP) on “**Outcome Based Education (OBE)**” jointly organized by Electronics &ICT Academy, NIT Waranghal & Dhanekula Institute of Engineering and Technology, Vijayawada, during 06-06-2016 to 11-06-2016. And I Was awarded **A<sup>+</sup>** (A-Plus) Grade in the Test conducted.
- 26 Attended Two day Faculty Development Program (FDP) on “**Analog system Design using ASLK Pro**” Organized by Dhanekula Institute of Engineering and Technology, Ganguru during 16<sup>th</sup> to 17<sup>th</sup> February 2016.
- 27 Attended a Two day Workshop on “**Signal and Image processing Applications on Xilinx FPGAs**” organized by Dept.of ECE,VR Siddhartha Engineering College, Vijayawada during 26<sup>th</sup> to 27<sup>th</sup> February, 2015.
- 28 Attended a Two day Workshop on “**Advanced in VLSI Technology(NW-AVLSI 2013)**” organized by Dept.of ECE,UCEK(A),JNTUK,KAKINADA during 26<sup>th</sup> to 27<sup>th</sup> April, 2013.
- 29 Attended One day Faculty Development Program (FDP) on “**LATEX**” Organized by Dhanekula Institute of Engineering and Technology, Ganguru on 4<sup>th</sup> may, 2013.
- 30 Attended a Three day Workshop on “**DSP Processors**” organized by Dept.of ECE, mallareddy College of Engineering and Technology,Hakimpet,Secunderabad during 28<sup>th</sup> to 30<sup>th</sup> August 2008.
- 31 Attended a Three day Workshop on “**Digital Design And Verification Using Verilog**” organized by Dhanekula Institute of Engineering&Technology, Ganguru during 12<sup>th</sup> to 14<sup>th</sup> February 2013.
- 32 Attended a One day Faculty Development Program (FDP) on “**JNTUK Centre of Excellence for e-resources Development & Deployment(CoEeRD )**” organized by JNTUK CoEeRD and Globarena technologies Pvt.Ltd on 28<sup>th</sup> August 2014.
- 33 Attended Three day Faculty Development Program (FDP) webinar on “ **Networking Simulation using NetSim Software**” Organized by DELLSOFT Technologies Pvt.Ltd during 15<sup>th</sup> to 17<sup>th</sup> June, 2016.
- 34 Attended Three One Faculty Development Program (FDP) webinar on “**Circuit Simulation and PCB Design**” Organized by DELLSOFT Technologies Pvt.Ltd during 14<sup>th</sup> June, 2016.

## List of Certification Courses Done

### NPTEL/Swayam

- 1 NPTEL Online Certification: **Digital Circuits** (77%), Got ELITE Certification, Jul-Oct 2018, IIT Kharagpur. (12-week Course. No of Credits recommended by NPTEL:3)


2 NPTEL Online Certification: **Switching Circuits and Logic Design** (84%), Got ELITE Certification, Jul-Oct 2019, IIT Kharagpur. (12-week Course. No of Credits recommended by NPTEL:3)

### **Coursera Certifications**

	Name of the Course	Percentage
3	VLSI CAD-I: Logic	85
4	VLSI CAD-II: Layout	83
5	Developing FPGA accelerated cloud applications with SDAccel: Theory	98
6	Developing FPGA accelerated cloud applications with SDAccel: Practice	100
7	FPGA Computing systems: Background knowledge and introductory material	99
8	Introduction to OpenCL on FPGAs	100
9	Sensors and Sensors Circuit Design	91
10	Wireless communication for everybody	100
11	Introduction to programming with MATLAB	99
12	Introduction to communication science	100
13	Electric power systems	98
14	AI for everyone	100
15	Programming for everybody (getting started with Python)	98
16	Introduction to HTML	100

### **Achievements / Awards etc.,**

1. UGC NET Qualified in ELECTRONIC SCIENCE: December 2014
2. UGC NET Qualified in ELECTRONIC SCIENCE: June 2014
3. GATE Qualified: 2012
4. GATE Qualified: 2009



(Chandra Sekhar Savalam)



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Mythri Myneni
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	3.6.2013
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	mythri.ece07@gmail.com & 9010312269
<b>Department</b>	Electronics & Communication Engineering
<b>Educational Background</b>	1. M.Tech(VLSI Design) From SATHYABAMA UNIVERSITY. 2. B.E From IECW,ANNA UNIVERSITY.
<b>Area of Specialization</b>	VLSI Design
<b>Research Areas</b>	
<b>Experience</b>	10.5 Years



Sl. No	Institute	Designation	Period
3	Dhanekula Institute of Engineering & Technology	Asst.Prof	2013 - till date
2	MIC Engineering College	Asst.Prof	2011 - 2013
1	Mamallan Institute of Engineering & Technology	Lecturer	2010 - 2011

### List of Publications (National and International Journals)

1. "Testing of Memory Using Franklin Method" paper published in an International Journal IJRET (ISSN:2319-1163) in December 2012 publication.
2. An Enhanced Logarithmic Number System Adder/Subtractor for Low power DSP applications T.R.S. Chandran#1 , M. Mythri#2 , #1 M.Tech (VLSI Design), DhaneKula Institute of Engineering and Technology, Ganguru, Vijayawada. #2 M-Tech(VLSI Design), Assistant Professor, DhaneKula Institute of Engineering and Technology,, Ganguru,Vijayawada. International Journal of Research & Development in Science and Technology Volume 1, Issue2 , June 2015, PP 19-25 ISSN 2350-4751 (Print) & ISSN 2350-4751(Online).

3. IMPLEMENTATION OF AN ERROR DETECTION SYSTEM USING CONCURRENT BIST  
1 . Mantrala Praneetha, 2 . M.Mytri 1 . PG Scholar, VLSI, Dhanekula Institute of Engineering & Technology, 2 . Assistant Professor, ECE, Dhanekula Institute of Engineering & Technology, Ganguru, Vijayawada in International Journal of Engineering In Advanced Research Science and Technology ISSN:2278-2566, Volume3 Issue-2.
4. “FFT Implementation of Multi-Precision Based Dynamic Voltage Scaling Multiplier with Operands Scheduler” in International Journal & Magazine of Engineering, Technology, Management and Research , ISSN No:2320 - 3706(Print) ISSN No:2348 - 4845(Online)

**National/International Conferences ((National and International))**

1. “Testing of RAM using Pattern Sensitivity Method” selected in National conference in Karpagam College Of Engineering on 1<sup>st</sup> October 2010.

**Achievements / Awards etc.,**

NIL

**Mythri Myneni**



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Vijayawada – 521 139. Phone: 0866 – 2583842 / 43. Email: [dietoffice2009@rediffmail.com](mailto:dietoffice2009@rediffmail.com);

URL: [www.diet.ac.in](http://www.diet.ac.in)

### FACULTY PROFILE

<b>Name of the Faculty</b>	RamaKrishna Payyavula
<b>Designation</b>	Assistant Professor
<b>Date of joining</b>	3-6-2013
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	prk.2418@gmail.com & 9491241800
<b>Department</b>	Electronics & Communication Engineering
<b>Educational Background</b>	M.Tech From Sana Engineering College, Kodad B.Tech From Anurag Engineering College, Kodad
<b>Area of Specialization Experience</b>	Embedded Systems & VLSI Design 10 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst. Prof	2013 - till date
2	Amrita Sai Institute of Science & Technology	Asst. Prof	2011-2013

#### List Of Publications:

1. **P.RamaKrishna** and Ch.Mohan Sai Kumar “Smart Driving with Drowsiness Detection and Alert system”  
*A Journal of Composition Theory* Volume No: XIII Issue No: I JANUARY 2020 ISSN NO: 0731-6755
2. P.Vani, V.Santhosh Kumar and **P.RamaKrishna** “A Novel Fuzzy Filter for Random Impulse Noise Removal in a Color Video” *International Journal & Magazine of Engineering, Technology, Management and Research.* Volume No: 2 (2015), Issue No: 7 (July) ISSN No: 2348-4845
3. A.Mahesh and **P.RamaKrishna** “An Efficient Low Power Current Comparison Based Domino Logic”  
*International Journal of Research & Development in Science and Technology.* Volume 1, Issue2 , May 2015, PP 26-32 ISSN 2350-4751 (Print) & ISSN 2350-4751(Online)

#### Short Term Training Programs Attended:

1. A 6-Day AICTE Sponsored STTP on **Mixed Signal Design Approaches for Artificial Intelligence Processors** during 28/12/2020 to 03/01/2021 Organized by Lakireddy Bali Reddy College of Engineering
2. A 6-Day STTP on Fundamentals of **Radar Signal Processing-2** during 12/08/2020 to 17/08/2020 Organized by RISE Krishna Sai Prakasam Group of Institutions in association with IETE

### **Faculty Development Programs Attended:**

1. A 2-Week AICTE approved Faculty Development Program on **Pedagogy for Online and Blended Teaching-Learning Process**, during 30/10/2018 to 13/12/2018 Organized by IIT Bombay
2. A 2-Week AICTE approved Faculty Development Program on **Foundation Program in ICT for Education**, during 13/09/2018 to 18/10/2018 Organized by IIT Bombay
3. A 5-Day Faculty Improvement Program on **VLSI Design** during 15/11/2016 to 19/11/2016 at SRK Institute of Technology, Organized by APSSDC.
4. A 3-Day Faculty Development Program on **Custom IC Design and ASIC Implementation Using Cadence EDA Tools**, during 03/08/2016 to 05/08/2016 Organized by Dhanekula Institute of Engineering & Technology in Technical Collaboration with ENTUPLE Technologies
5. A 2-Day Faculty Development Program on **Analog System Design using ASLK Pro**, during 16/02/2016 to 17/02/2016 Organized by Dhanekula Institute of Engineering & Technology in association with EdGate Technologies Pvt Ltd
6. A 2-Day Faculty Development Program on **Advanced Digital Signal Processing & Applications**, during 12/09/2015 to 13/09/2015 Organized by VR Siddhartha Engineering College Sponsored by SAGTE and TEQIP II

### **Workshops Attended:**

1. A 1-Day Workshop on **GNU/LINUX** organized by Dhanekula Institute of Engineering & Technology

### **Coursera Certification Courses Attended:**

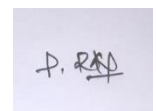
1. Wireless Communications for Everybody
2. Sensors and Sensor Circuit Design
3. AI for Everyone

### **Technical E-Quiz's Attended:**

1. Participated in A National Level Technical E-Quiz on **Signals and Systems** Organized by Yogananda Institute of technology and Science on 14/07/2020 got 95%

### **Professional Memberships:**

1. Have life time membership in **Indian Society for Technical Education**, ISTE
2. Have life time membership in **Indian Society of Systems for Science & Engineering**, ISSE



**RamaKrishna Payyavula**

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** PAPANA KRISHNA REDDY  
**Designation** Assistant Professor  
**Email & Phone No** Krishna.papana@gmail.com & 9030859963  
krishna@diet.ac.in  
**Department** Electronics & Communication Engineering



### Educational Background

1. B.Tech From JNTUK
2. M.TECH from SRM University, Chennai.

### Research Areas

Communications, VLSI, ES

### Experience

9 Years

Sl. No	Institute	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	2013 - till date
2	Paladugu Parvathi Devi Engineering college	Asst.Prof	2011-2013

### List of Publications (National and International Journals)

1. P.Santhi, Mr.P.Krishna Reddy "Establishing Low Latency ETI Encoder for Low Power Applications". **International Journal of Scientific engineering & Technology Research** ISSN 2319-8885/Vol.03/IssueNo.39/November-2014.
2. Sri Dhanushya.K, P.Krishna Reddy "Reduction of static Power by using Biasing and Body Biasing Techniques". **International Journal of Scientific engineering & Technology Research** ISSN 2319-8885/vol. 05/Issue.06, March-2016.
3. P.Krishna Reddy, G.Vijaya Kumar "Design of 16-Bit using Modified Gate Diffusion Input Logic". **International Journal of Professional Engineering Studies (IJPRES) Volume VIII/Issue3/Mar2017.**
4. K.Sneha,P.Krishna Reddy "Implementation of triple bit error correcting BCH DECODER with high decoding efficiency for emerging memories **IRJET** (e-ISSN: 2395-0056,p-ISSN2395-0072)

5. P.Krishna Reddy,G.Mounika “GATA: GPS-Arduino Based Tracking, Alarm and Message Alert System for Protection of Wildlife Animals In **IJAEM**. (2395-5252)
6. P.Krishna Reddy, K.Dileep kumar “Drunk and Drive detection & Prevention system using Alcoholic and Tilt detector along with GSM in **IRJET** (e-ISSN: 2395-0056,p-ISSN2395-0072)
7. M.Ramya Harika, P.Krishna Reddy “PEPE The handwash Promoting Robot in **JCR** (ISSN- 2394-5125)  
**SCOPUS INDEXED JOURNAL**

**National/International Conferences ((National and International): NIL**

**Achievements / Awards : Academic & Non-Academic**

1. Ratified as Assistant Professor by JNTUK in 2014 from DIET.
- 2.Got Appreciation for service rendered during Krishna Pushkaralu-2016 as a Pushkar Sevak by Commissioner of Police, Vijayawada.

*P. Krishna Reddy*

**P. KRISHNA REDDY**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

**FACULTY PROFILE**

<b>Name of the Faculty</b>	Naga Prasanthi Yerneni
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:nagaprasanthi@diet.ac.in">nagaprasanthi@diet.ac.in</a> & 9441786778
<b>Department</b>	Electronics and communications Engineering
<b>Educational Background</b>	Registered PhD Program in KL Deemed University on Jan 2021 M.Tech From JNTU, Kakinada affiliated college with <b>79.64%</b> B. Tech From JNTU, Kakinada affiliated college with <b>70.14%</b> Intermediate with 89% SSC with 86.6%
<b>Specialization</b>	Embedded Systems
<b>Experience</b>	8 Years
<b>Industrial Experience</b>	Nil



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Asst.Prof	2013 - till date
2	QIS Institute of technology, Ongole	Asst.Prof	2012 - 2013

**Area of Research:** Signal Processing Via Deep Learning

**Subjects Taught:**

- Switching Theory and Logic Design
- Pulse and Digital Circuits
- Linear IC Application
- Linear and Digital IC applications
- Microprocessors and Micro controllers
- Professional Ethics and Human Recourses
- Computer Organization and Architecture
- Electronic Switching systems
- Embedded systems.

### **Laboratories Handled:**

- Linear IC Applications lab
- Pulse and digital circuits lab
- Microprocessors and Micro controller lab
- Digital Signal Processing Lab
- Digital Communications Lab

### **List of Publications**

- Journals: An efficient tree structure 32-Bit Brent -Kung Adder for Reducing time delay and memory utilization " Journal of semiconductor devices and circuits Volume 5, issue 3. 2019-20
- Journals: "Implementation of 1\*5 router architecture for speed critical applications" journal of advanced in dynamical and control systems, Vol .9, No. 3, 2017

### **National/International Conferences**

- Attended INTERNATIONAL CONFERENCE on Allied Electrical and Communication Systems 8-10 December 2016.

### **Faculty Development Programs:**

- Attended STTP on **APPLIED MACHINE LEARNING ALGORITHMS AND APPLICATIONS** (PHASE-III) from 14<sup>th</sup> to 19<sup>th</sup> December 2020 organized by Annamacharya institute of Technology and Sciences: Tirupati
- Attended FDP on **APPLIED MACHINE LEARNING AND DEEP LEARNING** from 15<sup>th</sup> June to 20<sup>th</sup> June 2020 Organized by APSSDC
- Conducted a Faculty development program on ASLK kits which are sponsored by Texas Instruments in 2017 at our ECE Department, Dhanekula institute of Engineering and technology.
- Attended FDP for three days on **Custom IC design and ASIC Implementation** using cadence EDA Tools from on 3rd ,4th and 5th August 2016.
- Attended FDP for two days on **Analog system design using ASLK Pro** from 16th and 17th Feb. 2016.

### **Attended Workshops:**

- Attended Embedded workshop conducted in Dhanekula Institute of Engineering and Technology for the academic year 2014-15
- Attended Advanced Trends in Embedded Systems, ATES – 2014 ON 28<sup>TH</sup> Feb – 1<sup>st</sup> March 2014, Conducted by PVPSIT, Kanuru, Vijayawada.

**Achievements / Awards:**

- Received certificate of Appreciation as **BEST MENTOR** for the academic year 2017-18 from Department of ECE.

**Certification courses:**

- AI For Everyone
- Introduction to Electronics
- Introduction to the Internet of Things and Embedded Systems

**Projects handled:**

- Gesture Control Wireless Car Using Flex Sensors for the academic year 2019-20
- Women protection system using smart security devices for the academic year 2019-20
- RFID Based School Bus Tracking and Security SYSTEM for the academic year 2017-18
- Unmanned quadcopter for the academic year 2014-15



**Place:** Ganguru

Naga Prasanthi Yerneni

**Date:** 30.05.2021



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Parise Veera Swamy
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	12.8.2013
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	veera2u@gmail.com & 9948036036
<b>Department</b>	Electronics & Communication Engineering
<b>Educational Background</b>	1. Registered PhD Program in KL Deemed University on Aug 2020 2. M.Tech From SSCET, Lankapalli 3. B.Tech From ANU, Guntur
<b>Area of Specialization</b>	Digital Systems and Computer Electronics
<b>Experience</b>	9.2 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst. Prof	2013 - till
2	VKR & VNB Engineering College	Asst. Prof	2011-2013

### List of Publications (National and International Journals)

1. P Veera Swamy and M Hari Krishnam Raju "Design and analysis of DS-CDMA Rake receiver simulator for wireless communications" *INCER journal VOI-03 issue-7 july 2013.*

**Parise Veera Swamy**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Sivannarayana Amallapudi
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	3.9.2013
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	asn.488@gmail.com & 9490241040
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M. Tech From KLU, Guntur 2. B. Tech from Nalanda Institute of Engg & Tech., JNTUK
<b>Area of Specialization</b>	VLSI Design
<b>Research Areas</b>	VLSI low power Design and VLSI Signal Processing
<b>Experience</b>	8.3 Yrs



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst. Prof	2013 - Till date

### List of Publications (International Journals)

1. A. Sivannarayana "Design and Modeling of Modulo Multipliers using RNS", International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278 – 3075, Volume-3, Issue-2, July 2013.
2. AVV Hanuman Sai Krishna and A. Sivannarayana "FFT Design using Reliable Multiplier with Adoptive Hold Logic", International Journal & Magazine of Engineering, Technology, Management and Research, ISSN NO: 2348 – 4845, Volume-2, Issue NO- 10, October 2015.
3. V. Nandini and A. Sivannarayana, "FIR Filter Implementation using Novel Modulo  $2^n - 2^k - 1$  Adder for RNS", International Journal & Magazine of Engineering, Technology, Management and Research, ISSN NO: 2348 – 4845, Volume No – 3, Issue No- 10, October 2016.

**A. Sivannarayana**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	I.Pavani Prapurna
<b>Designation</b>	Assistant Professor
<b>Date of joining</b>	01.07.2014
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	<a href="mailto:pavaniinapanuri@gmail.com">pavaniinapanuri@gmail.com</a> & 8297938333
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M.Tech From Vardhaman College of Engineering (JNTUH), Shamshabad. 2. B.Tech From SBIT ( JNTUH), Khammam.
<b>Research Areas</b>	-
<b>Total Experience</b>	12 Years
<b>Teaching/ Research Experience</b>	12 Years/-



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst.Prof	July 2014 - till date
2	Malla Reddy Engineering College for Women	Asst.Prof	2011 - 2014
3	Vardhaman College of Engineering	Asst.Prof	2009 - 2011

### List of Publications (National and International Journals)

- Published a paper in International Research Journal of Engineering and Technology (IRJET) with paper entitled "Speech and Face Recognition Based Locker Security System",2020.

### National/International Conferences ((National and International)

- Published a paper in the NATIONAL CONFERENCE on SPCOM-14 with paper entitled “Spatial Domain Invisible Watermarking for Color Images Based on Spread Spectrum”.
- Published a paper in the NATIONAL CONFERENCE with paper entitled “Design of Embedded Web Server for ECG Measurement in Medical Applications”,2014.
- Published a paper in the NATIONAL CONFERENCE on SPCOM-10 with paper entitled “Spread Spectrum Based Spatial Domain Invisible Watermarking Algorithm for Still Images”

#### **Achievements / Awards etc.,**

- A certificate of Appreciation in NATIONAL level E-QUIZ on “Fundamentals Of Electronics” conducted by NSRIT in association with MHRDs INNOVATION CELL.
- A certificate of Appreciation in Online Quiz on “Fundamentals of VLSI Design” conducted by Dept.of ECE, Shadan Women’s college of Engineering and Technology, Hyderabad, 2020.
- A certificate of Achievement in Faculty Skill Test on “Digital Electronics” conducted by Dept. of ECE,DIET.
- Organized in Faculty Development Program on “Analog Systems Design Using ASLK PRO” in Dept.of ECE of DIET,2016.
- Ratified as Asst. Professor by JNTUK and JNTUH.
- Qualified in Faculty Eligibility Test Conducted By JNTUH.

**I.PAVANI PRAPURNA**



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Ramakrishna Yarlagadda
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	1.12.2016
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	<a href="mailto:Yarlagadaramakrishna119@gmail.com">Yarlagadaramakrishna119@gmail.com</a> & 9052988244
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M.Tech From JNTUK, Kakinada 2. B.Tech From JNTUK, Kakinada
<b>Area of Specialization</b>	VLSI Design
<b>Research Areas</b>	Low Power VLSI
<b>Experience</b>	4 Year 5 Months



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst. Prof	Dec 2016 - till date

### List of Publications (National and International Journals)

1. Published a paper titled “**Low Power Efficient MAC Unit using Proposed Carry Select Adder**” proceedings of International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR – Oct, 2015), Vol. No. 02, Issue No. 10, Page no. 1185 – 1191, ISSN: 2348-4845.

**Ramakrishna Yarlagadda**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	R. MAHALAXMI
<b>Designation</b>	Asst. Professor
<b>Email &amp; Phone No</b>	mahalaxmi.engg@gmail.com & 9912471212
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M. Tech from JNTU Hyderabad 2. B. Tech from JNTU Hyderabad
<b>Research Areas</b>	-
<b>Experience</b>	12



Sl. No	Institute	Designation	Period
3	Dhanekula Engineering College	Asst.Prof	2016 - till date
2	Mallareddy Engineering College for women	Asst.Prof	2011 - 2016
1	Vardhaman engineering college	Asst.Prof	2008 - 2010

### List of Publications (National and International Journals)

1. Published the research paper titled "CLAA, CSLA and PPA based Shift and Add Multiplier for General Purpose Processor" in INTERNATIONAL JOURNAL OF RESEACH AND APPLICATIONS (Quarterly Peer-Reviewed Multidisciplinary Journal) Volume1-Issue4 ,2014 ISSN (Online) 2349- 0020.

### National/International Conferences ((National and International)

1. "Implementation of SMS4 Cipher Based on Twisted BDDS-Box Architecture" National Conference on (SPCOM-SD 2014), volume 1 January 2014, pp 95-98.

Achievements / Awards etc., NIL

R. Mahalaxmi



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	N.Nagaraju
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	02-12-2019
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	nagaraj.neela@diet.ac.in & 9849121568
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M.Tech (Systems and Signal Processing) from JNTU, Hyderabad 2. B.Tech (ECE) from Achraya Nagarjuna University, Guntur
<b>Areas of Specialization</b>	Signal Processing
<b>Research Areas</b>	Speech Processing, Digital Image Processing
<b>Experience</b>	12 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology, Ganguru	Assistant Professor	02-12-2019 - till date
2	Institute of Aeronautical Engineering, Hyderabad	Assistant Professor	12-07-2011 - 26-12-2019
3	YPR College of Engineering & Technology, Medak	Assistant Professor	15-07-2008 - 11-07-2011

### List of Publications (National and International Journals):

1. Md Ashfaq, P Varsha, K Bala, N Nagaraju, "B-Lines Detection in-vivo lung using Morphological image processing", *International Research Journal of Engineering and Technology* Volume: 7 Issue: 6 Pages: 6237-6244, 6/2020.
2. N. Paparao, N. Nagaraju, M. Lakshmi Raviteja, Anandbabu Gopatoti "Processing Algorithm and Data Acquisition for Laser Range Sensor" *International Journal of Innovative Technology and Exploring Engineering* Volume: 8 Issue: 3 Pages: 53-57, January 2019.

3. N.Nagaraju, A.Sunil kumar, "Traffic Sign Recognition for Advanced Driver Assistant Using Image Recognition Technique" *Global Journal of Advanced Engineering Technologies* Volume: 6 Issue: 3 Pages: 153-156, 8/2017.
4. N Nagaraju, " Voice Recognition using Improved Relative Spectral Algorithm", *International Research Journal of Engineering and Technology* Volume: 4 Issue: 5 Pages: 1626-1631, 5/2017.
5. N NagaRaju, M Varalakshmi, " Design of Speech Controlled Pick and Place Robot with Wireless Zigbee Technology", *International Journal of Scientific Engineering and Technology Research* Volume:3 Issue:20 Pages:4062-4066, 2014.
6. N NagaRaju, P Divya Reddy, "Energy Efficient Home Automation System using ZIGBEE and GPRS" *International Journal of Scientific Engineering and Technology Research* Volume: 3 Issue: 23 Pages: 4603-4606, 2014.
7. Ch Santhosh Kumar, TVB Phani Kumar, N NagRaju, "Microwave stepped impedance LPF design at 1.2GHz" *International Journal of Innovative Research in Science Engineering and Technology* Volume: 2 Issue: 11 Pages: 6371-6377, 2013.
8. N Nagaraju, T Satyasavitri, Ch A Swamy, "Image Registration using SIFT", *International Journal of Scientific Engineering and Technology* Volume: 2 Issue: 7 Pages: 675-680, 2013.

#### **National/International Conferences ((National and International):**

1. N Nagaraju, L Shruthi, MSD Hari, "Automation of Railway Crossing Gates Using LabVIEW" *International Conference on Communications and Cyber Physical Engineering 2018* Pages: 359-366 Publisher: Springer, Singapore, 2019.
2. Reddy, D.L, Paramkusam, A.V, Nagaraju, N, "Wireless sensor networks algorithms to improve energy efficiency" *International Conference on Intelligent Sustainable Systems, ICISS 2017* Pages: 1164-1166, 2018.

#### **Achievements / Awards etc.,**

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. UGC NET Qualified        | : December 2015.                  |
| 2. FDPs Attended            | : 16                              |
| 3. STTPs Attended           | : 03 (AICTE Sponsored)            |
| 4. Coursera Courses         | : 06                              |
| 5. NPTEL Courses            | : 01                              |
| 6. Professional Memberships | : ISTE (LM122183), IAENG (158024) |


**N.Nagaraju**



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada) Ganguru,  
Vijayawada – 521 131. Phone: 0866 – 2583842 / 43. Email:  
dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### FACULTY PRPROFILE

<b>Name of the Faculty</b>	Mr. Mohammed Abdul Aziz	
<b>Designation</b>	Assistant Professor	
<b>Date of Joining</b>	02-12-2019	
<b>Nature of Association</b>	Regular	
<b>Email &amp; Phone No</b>	<a href="mailto:abdulspract@gmail.com">abdulspract@gmail.com</a> & +91-8639560776	
<b>Department</b>	Electronics and Communication Engineering	
<b>Educational Background</b>	1. M.Tech (ES) from KL University, Vaddeswaram 2. B. Tech (ECE) from Nimra Institute of Science & Technology, Ibrahimpnam Affiliated to JNTUK.	
<b>Areas of Specialization</b>	Embedded Systems	
<b>Research Areas</b>	IoT using Microcontrollers and sensors	
<b>Total Experience</b>	7 Years	
<b>Teaching/Research Experience</b>	7 Years Teaching Experience	

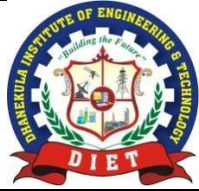
Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	02.12.2019 – Till date
2	Ramachandra College of Engineering & Technology, Eluru	Assistant Professor	20.10.2014 to 31.11.2019
3	Sri Vani Group of Institutions, Chevuturu	Assistant Professor	10.06.2013 to 16.10.2014

#### List of Publications (National and International Journals):

1. Md.Abdul Aziz, R.Naga Lakshman Rao, P.Sravan Sai, “Kidney stone detection in computed tomography images using K-means segmentation algorithm”, In *Suraj Punj Journal For Multidisciplinary Research-ISSN NO:2394-2886 Vol. 09, Page No:645, Issue 3, 2019.*
2. Md.Abdul Aziz, A.Sai Kumar, G. Gopi Chandh, “Shape Based Organ Detection Using Image Processing”, In *Suraj Punj Journal For Multidisciplinary Research-ISSN NO:2394-2886 Vol. 09, Page No:828, Issue 3, 2019.*

3. Md.Abdul Aziz, K.Sreenivasa Ravi, B.Venkata Ramana, "Pilgrims Tracking and Identification Using RFID Technology" In *Advances in Electrical Engineering Systems (AEES)* Vol. 1, No. 2, 2012, ISSN 2167-633X.
4. Md.Abdul Aziz, K.Sreenivasa Ravi, B.Venkata Ramana, "RFID BASED MOBILE ROBOT IN INDUSTRIES USING ZIGBEE", *Advances in Intelligent Transportation Systems (AITS)* Vol. 1, No. 2, 2012, ISSN 2167-6399.
5. Md.Abdul Aziz, K.Jyothi Kameswari, "Web-Server based Student Attendance System using RFID Technology", *International Journal of Engineering Trends and Technology (IJETT)* - Volume 4 Issue 5- May 2013.
6. Md.Abdul Azziz, Ch.Pavan Kumar, P.Yaswanth Kumar "RFID Based Security and Access Control System using ARDUINO", In *IJMTST Volume: 2 | Issue: 04 | April 2016 | ISSN: 2455-3778*.
7. Md.Abddul Aziz, Ch.Manideep "Multibank Account with Single Pin Access Smart Card", *International Journal of Applied Sciences, Engineering and Management* ISSN 2320-3439 Vol. 05, No. 02, March 2016, pp. 53 – 56.

**Md. Abdul Aziz**




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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43. Email: dietoffice2009@rediffmail.com; URL: [www.diet.ac.in](http://www.diet.ac.in)

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	VenkataSeshagiri Rao Kosaraju		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining</b>	02-12-2019		
<b>Nature of Association</b>	Regular		
<b>Email &amp; Phone No</b>	Venkatkosaraju90@gmail.com&9490879071		
<b>Department</b>	Electronics and Communication Engineering		
<b>Educational Background</b>	1. M.Tech(Communication Systems) from S.R.M University, Chennai 2. B.Tech (ECE) from Kakinada Institute of Engineering & Technology, Kakinada Affiliated to JNTUK.		
<b>Areas of Specialization</b>	Communication Systems		
<b>Research Areas</b>			
<b>Experience</b>	5 Years		
<b>Sl. No</b>		<b>Designation</b>	<b>Period</b>
1	DhaneKula Institute of Engineering and Technology, Ganguru	Assistant Professor	02.12.2019 - till date
2	DVR & Dr.HS MIC College of Technology, kanchikacherla	Assistant Professor	04.01.2016 to 29.11.2019
3			

**List of Publications (National and International Journals):**

**K.V.Seshagiri Rao**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** K. Siva Nagendra

**Designation** Assistant Professor

**Date of Joining** 14-02-2020

**Nature of Association** Regular

**Email & Phone No** siva.evergreenec@gmail.com & 9014574245

**Department** Electronics and Communication Engineering

**Educational Background**  
1. M.Tech (VLSI & Embedded Systems) from GMRIT, Rajam  
2. B.Tech (ECE) from STIET, Garividi

**Areas of Specialization** Digital VLSI Design

**Research Areas** Digital VLSI Design, Architecture Optimization, Approximate computing.

**Experience** 10 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	14-02-2020 - till date
2	Aditya college of Engineering, Surampalem	Assistant Professor	09-06-2014 - 12-02-2020
3	St.Theresa Institute of Engineering & Technology, Garividi	Assistant Professor	01-12-2009 - 31-12-2011

### List of Publications (National and International Journals):

1. Mr.Kunapareddy S Nagendra , Mr.D.Suresh "Improved Fused Floating Point Add-Subtract Unit", International Journal of Research in Computer and Communication Technology, Vol 2, Issue 9, pages 786-792, September -2013.
2. T.Veerababu , K.Siva Nagendra "VLSI Architecture Area Efficient FFT Or IFFT Processor Using Vedic Multiplexing", International Journal of Research in computer and communication Technology , Vol 6, Issue- 8, pages 269-271, August - 2017.

3. K. V. S. Kumar , K. Siva Nagendra “Assertion based Verification of AXI Protocol using UVM”, International Journal of Research in Engineering, Science and Management Volume-2, Issue-1, pages 560-563, January-2019.

**Achievements / Awards etc.,**

- |   |                          |           |
|---|--------------------------|-----------|
| 1. Microprocessor and Microcontroller             | (NPTEL Certification)    | APR-2018. |
| 2. Digital Circuits                               | (NPTEL Certification)    | OCT-2018. |
| 3. Analog Circuits                                | (NPTEL Certification)    | APR-2019. |
| 4. Basic Electric Circuits                        | (NPTEL Certification)    | DEC-2019. |
| 5. Hardware Description Languages for FPGA Design | (Coursera Certification) | MAY-2020. |
| 6. AI for Everyone                                | (Coursera Certification) | JUN-2020  |



**K.Siva Nagendra**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** Mallela Rani

**Designation** Assistant Professor

**Date of Joining** 16-09-2020

**Nature of Association** Regular

**Email & Phone No** rani573.mallela@gmail.com & 8106021257

**Department** Electronics and Communication Engineering

**Educational Background**  
1. M.Tech (Digital Electronics and Communication Systems) from SPMVV, Tirupati.  
2. B.Tech (ECE) from IIIT-RGUKT, NUZVIDU

**Areas of Specialization** Digital Electronics and Communication Systems

**Experience** 2 Years 1 month



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology, Ganguru	Assistant Professor	16-09-2020 - till date
2	Malla Reddy College Of Engineering , Hyderabad	Assistant Professor	02-03-2019 – 16-09-2020

### List of Publications (National and International Journals):

1. M. Rani “Superior Reversible Data Hiding With Dual Encryption Scheme”, International Journal of Technical Innovation In modern Enginnering & Science, Vol 4, Issue 6, June-2018.
2. K. Manikanta, M. Rani “Talking without Talking: A solution to Noisy Communication” ICTIMES - International Conference On Electronics And Communication (ICLTEC-2019), Proceedings on International Conference on Electronics and Communication (ICLTEC-2019). ISBN 978-93-88808-62-0

  
M.RANI



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** Ch.Lakshmi Bhargavi

**Designation** Assistant Professor

**Date of Joining** 18-09-2020

**Nature of Association** Regular

**Email & Phone No** chembeti.lakshmi bhargavi@gmail.com &  
9059192821

**Department** Electronics and Communication Engineering

**Educational Background** 1. M.Tech (Communication and Signal Processing) from JNTUK ,Kakinada  
2. B.Tech (ECE) from SMCE,Thummalapalem

**Areas of Specialization** Communications and Signal Processing

**Experience** 7 months



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	18-09-2020 - till date

*Ch.Lakshmi Bhargavi*

**CH. LAKSHMI BHARGAVI**



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## FACULTY PRPOFILE

<b>Name of the Faculty</b>	SIVA KRISHNA BUCHI
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	23-09-2020
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	<a href="mailto:bskrishna111@gmail.com">bskrishna111@gmail.com</a> & 8639186645
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1. M.Tech (VLSI&ES) from JNTUK, KAKINADA. 2. B.Tech (ECE) from NRIIT , GUNTUR
<b>Areas of Specialization</b>	VLSI & EMBEDDED SYSTEMS
<b>Experience</b>	7 months



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology, Ganguru.	Assistant Professor	23-09-2020 - till date

List of Publications (National and International Journals): NIL

B.Siva Krishna

B.SIVA KRISHNA



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	KRISHNA SALADI
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	26-10-2020
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	15789krishna@gmail.com & 6303252385
<b>Department</b>	Electronics and Communication Engineering
<b>Educational Background</b>	1.Ph.D (Pursuing ),JNTU Kakinada 2. M.Tech (VLSI & Embedded Systems) from RVCE,Bangalore 3. B.Tech (ECE) from AIET, Vizag
<b>Areas of Specialization</b>	Digital VLSI Design
<b>Research Areas</b>	Digital VLSI Design, Arithmetic circuits
<b>Experience</b>	08 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	26-10-2020 - till date
2	Aditya Engineering College, Surampalem	Assistant Professor	01-06-2016- 23-10-2020
3	Vignan University	Assistant Professor	02-07-2012 - 19-07-2014
4	Lovely Professional University	Assistant professor	21-07-2011-27-04-2012
5	NITW	Adhoc Faculty	13-07-2010-15-12-2011
6	APS College of Engineering	Lecturer	18-08-2009-14-06-2010

### List of Publications (National & International Journals):

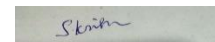
1. Sambaiah, P., Venkatareddy, V., Krishna, S., & Polaiiah, G. (2014). A Tuned Resistive Feedback CMOS Low Noise Amplifier for Multiband Applications. International Journal of Applied Engineering Research, 9(19), 6413-6421.

### List of Publications (National & International Conferences):

1. N. V. Satyanarayana, Krishna Saladi, R. Bharath Kumar "Review on Compressors based Approximate Multipliers Design" 5th International Conference on Computing Methodologies and Communication (ICCMC 2021), 08-10, April 2021
2. Krishna saladi and Leela Kumari B, "Adiabatic Logic-Based Area and Energy-Efficient Full Adder Design" International conference on Intelligent Computing in Control and Communication (ICCC 2020), August 7-8, 2020
3. Yamini Devi Ykuntam , Katta Pavani and Krishna Saladi , "Design and analysis of High speed wallace tree multiplier using parallel prefix adders for VLSI circuit designs" Eleventh International Conference on Computing, Communication and Networking Technologies (ICCNT 2020), July 1-3
4. Venkatareddy vemireddy, Sambaiah pelluri and krishna saladi, "Low Power Reactive Feedback CMOS Low Noise Amplifier", 2014 Communication and Signal Processing Conference (ICCSP), Chennai.
5. Krishna saladi and B S Kariyapaa "Design and Implementation of Compression Algorithms Using MIL-1553B bus" at NACTECIT-2009

### Achievements / Awards etc.,

- |                      |              |
|----------------------|--------------|
| 1. UGC NET Qualified | : April 2014 |
| 2. GATE Qualified    | :2013        |
| 3. GATE Qualified    | :2007        |



**Krishna Saladi**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** M.VARALAKSHMAMMA

**Designation** Assistant Professor

**Date of Joining** 16-04-2021

**Nature of Association** Regular

**Email & Phone No** [varalaxmi.39@gmail.com](mailto:varalaxmi.39@gmail.com) & 9959999636

**Department** Electronics and Communication Engineering

**Educational Background**  
1. PhD pursuing from SriVenkateswara University, Tirupati  
2. M.Tech from G.Pulla Reddy Engineering College, Kurnool  
3. B.Tech (ECE) from Kottam College of Engineering, Kurnool

**Areas of Specialization** Digital Image Processing, VLSI

**Research Areas** Digital Image Processing , Image inpainting, Image de-fencing

**Experience** 0 Years



### List of Publications (National and International Journals):

1. K.Raju, M.Varalakshamma, "Adaptive FIR Filter based on Distributed Arithmetic" in the International Journal of Scientific Engineering and Technology Research (IJSETR), Vol.03 , Issue 26, pp.5195-5200, September-2014.
2. M.Varalakshamma, T.Venkateswarlu, "Removal of Fence from Digital Images" International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), Volume 5, Issue No.2., pp.31-33, Feb 2018. ISSN: 2394-6849.
3. M.Varalakshamma, T.Venkateswarlu, "Image De-fencing using Wavelet Based Inpainting Technique" International Journal of imaging and robotics (IJIR), Volume 18, Issue No.4., pp.49-63, July 2018-Aug 2018. ISSN: 2231-525X
4. M.Varalakshamma, T.Venkateswarlu, "Segmentation of objects using thresholding technique" International Journal of Electronics Engineering (IJEE), Volume 11, Issue No.1., pp.622-629, Jan 2019-June 2019. ISSN:0973-7383

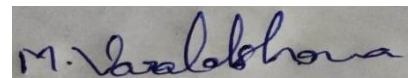
5. M.Varalakshamma, T.Venkateswarlu, "Detection and Restoration of Image from Multi-Color Fence Occlusions" Pattern Recognition and Image Analysis, Vol. 29, No. 3, pp. 533–545,2019. ISSN 1054-6618
6. M.Varalakshamma, T.Venkateswarlu, "Segmentation of Railings and Bars from RGB-Depth Images " International Journal of Information Technology and Electrical Engineering (ITEE), Volume 8, Issue No.5., pp.120-126, October 2019. ISSN: 2306-708X
7. M.Varalakshamma, T.Venkateswarlu, "Restoration of Noisy and Noiseless Fence Occlusion Images" Pattern Recognition and Image Analysis, Vol. 30, Issue No. 3., pp. 428–439, Feb. 2020. ISSN 1054-6618

**National/International Conferences ((National and International):**

1. M.Varalakshamma, and T.Venkateswarlu, "**Removal of Fence from Digital Images**", *2nd International Conference on Emerging Trends in Engineering, Science and Technologies (ICETEST-18)* 16<sup>th</sup> to 17<sup>th</sup> February, 2018, Balaji institute of technology, Warangal, Telangana.
2. M.Varalakshamma, and T.Venkateswarlu, "**Segmentation of the Fence Using Graph Cut Segmentation Technique**", *8<sup>th</sup> International Conference on Innovations in Electronics & Communication Engineering (ICIECE-2019)* 2<sup>nd</sup> to 3<sup>rd</sup> August, 2019, Guru Nanak Institutions, Hyderabad, Telangana.
3. M.Varalakshamma, and T.Venkateswarlu, "**Restoring RGBD Images from Occlusions**" *International Conference on Computing Communication and Electrical Technologies (ICCCET-2019)* 29th-30th August 2019, G.Narayanamma Institute of Technology and Science for Women, Hyderabad, Telangana.
4. Faculty Development Programme on "L-Band Data Processing for Remote Sensing Applications and Numerical Weather Prediction" during 14<sup>th</sup>-25<sup>th</sup>, November, 2016 at Sri Venkateswara university college of Engineering, Tirupathi.
5. Attended a Two Day Workshop on "Research Methodology & Technical Paper Writing", during the period 26<sup>th</sup> - 27<sup>th</sup> Feb, 2016, under TEQIP-II at Sri Vidyanikethan Engineering College, Tirupati, A.P.
6. Attended a Two Day Workshop on "Research Methodology & Technical Paper Writing", during the period 26<sup>th</sup> - 27<sup>th</sup> Feb, 2016, under TEQIP-II at Sri Vidyanikethan Engineering College, Tirupati, A.P.
7. Attended 104<sup>th</sup> "Indian Science Congress" held at S.V.University Tirupathi from January 3<sup>rd</sup> to 7<sup>th</sup> 2017.
8. Attended a Three Day Workshop on "Signal & Image processing", during the period 2<sup>nd</sup> - 4<sup>th</sup> March, 2017, under TEQIP-II(1.2.1) at Sri Venkateswara university college of Engineering, Tirupathi.

**Achievements / Awards etc.,**

1. Qualified for Assistant Professor in **UGC NET**, June 2015, Nov 2016.
2. Qualified in **GATE**(EC 2013).



**M.VARALAKSHMAMMA**



**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**  
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Ganguru, Vijayawada – 521 139. Phone: 0866 – 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

**FACULTY PROFILE FILE**

**Name of the Faculty** VUNDI SUBBA RAJU  
**Designation** Assistant Professor  
**Date of Joining** 1.6.2012  
**Nature of Association** Regular  
**Email & Phone No** vsvnraju@gmail.com & 9666222531  
**Department** Electronics & Communication Engineering

**Educational Background** 1. B.Tech From JNTU UK  
2. M.TECH From JNTUK

**Area of Specialization** VLSI Design  
**Research Areas** Low power VLSI Design, IOT, Embedded Systems

**Experience** 11 Years



Sl. No	Institute	Designation	Period
2	Dhanekula Institute of Engineering & Technology	Asst.Prof	2012 - till date
1	Anurag Engineering College	Asst.Prof	2009-2010

**List of Publications (National and International Journals)**

1. Rameem Sultana , Mr. V. Subba Raju “FPGA Implementation of 32-Bit Partially Parallel Encoder Architecture for Long Polar Codes.” International Journal of Research p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 18 December 2016
2. V. Subba Raju, M. Chaitanya Kiran “An Adaptive randomized Pattern matching algorithm for Assured Detection in high complex data bases.” International Journal of Applied Research & Studies IJARS/Vol.I/ Issue I/ Jun-Aug, 2012/125

**Seminars / Workshops**

1. Attended Two day National level workshop on Recent advances in signal processing held at LBRCE, Mylavaram during 9,10<sup>th</sup> May 2011.
2. Attended one day workshop ARM based Embedded Systems held at IETE Vijayawada Center on 6<sup>th</sup> Aug 2012.
3. Attended Five days Training Program on Instructional Design & Delivery held at DIET, Ganguru during 29<sup>th</sup> Oct to 2<sup>nd</sup> Nov 2012.

4. Attended Three Days VLSI work shop on Digital Design & Verification using Verilog held at DIET,Ganguru during 12<sup>th</sup> to 14<sup>th</sup> Feb 2013.
5. Attended One Day Workshop on GNU/Linux held DIET,Ganguru on Sep20th 2013.
6. Attended Two Day Workshop on Embedded System /design using TI MSP430 Microcontroller Development tools held at PVPSIT, Kanuru during Feb 2<sup>nd</sup> to 3<sup>rd</sup> 2015.
7. Attended Two Day Workshop on Introduction to Robotics held at Vignan University, Guntur during Feb 26<sup>th</sup> to 27<sup>th</sup> 2015.
8. Attended one day Workshop on Introduction to IOT held at VRSEC, Kanuru organized by TEQIP II on Sep 25<sup>th</sup> 2016.
9. Attended 32<sup>nd</sup> National Convention & National Seminar on Intelligent System for More Connected World: IOT Organized by APSSDC during Oct 24<sup>th</sup> –25<sup>th</sup> 2016.

**FDP`s:**

1. Attended Faculty development Program on Outcome Based Education held at DIET, Ganguru Organized by E&ICT, NIT, Warangal during Jun 6<sup>th</sup> – 11<sup>th</sup> 2016.
2. Attended Two week FDP on Digital VLSI Circuit Design organized by NIT, Warangal from Jun 3<sup>rd</sup> -12<sup>th</sup> 2017.
3. Attended One week workshop on Internet of Things Organized by NIT, Warangal at DIET, Ganguru, 2017.

**Other Participations / Achievements:**

1. Received felicitation from LION`s Club International for NSS coordinator Works
2. Received Appreciation certificate from D.Gautam Sawang IPS,Vijayawada for offering sincere and dedicated service during Krishna Pushkaralu 2016

**V.SUBBA RAJU**



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Tulasidasu M
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	19.2.2015
<b>Nature of Association</b>	Regular
<b>Email &amp; Phone No</b>	<a href="mailto:tulasidas952@gmail.com">tulasidas952@gmail.com</a> & 9494203446.
<b>Department</b>	Electronics and Communication Engineering.
<b>Educational Background</b>	1. M.Tech (CESP) From VRSEC, Vijayawada. 2. B.E(ECE) From Sir C R Reddy college of Engineering, Eluru.
<b>Area of Specialization</b>	Communication and Signal Processing
<b>Research Areas</b>	Image processing & signal processing.
<b>Experience</b>	6 Years



Sl. No	Institute	Designation	Period
2	DhaneKula Institute of Engineering & Technology	Asst.Prof	2015- till date
1	SRK college of engg and technology.	Asst.Prof	2011 - 2012

**List of Publications (National and International Journals)** NIL

**National/International Conferences ((National and International)**

1. Tulasidasu M, B.Lakshmi sirisha,K.Rasool Reddy "Steganography based secret image sharing using block division technique."( 978-1-5090-0076-0/15 \$31.00 © 2015 IEEE DOI 10.1109/CICN.2015.227).
2. Tulasidasu M, B.Mounika, B.Lakshmi Manasa "ANewFrameWork ToEnhanceThe Image QualityUsing Gradient Domain Guided Image Filtering."( Proceedings of the International Conference on Contemporary Engineering and Technology 2017 March 31 - 1 April 2017, Vijayawada , India ISBN 978-81-904760-9-6).
3. Tulasidasu M, ,M .BhagyaSri, M.Nirmala "Multi -Level Local Extrema Method On Medical Image Merging" ( Proceedings of the International Conference on Contemporary Engineering and Technology 2017 March 31 - 1 April 2017, Vijayawada , India ISBN 978-81-904760-9-6).

**Achievements / Awards etc.,**

NIL

**Tulasidasu M**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Gowtham kumar Akula
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	29.11..2012
<b>Nature of association</b>	Regular
<b>Email &amp; Phone No</b>	Gowthamraja.674@gmail.com & 9491737913
<b>Department</b>	Electronics & Communication Engineering
<b>Educational Background</b>	1. M.Tech from K L University 2. B.Tech from Nagarjuna University
<b>Area of Specialization</b>	Communications & Radar Systems
<b>Research Areas</b>	
<b>Experience</b>	8.5 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Asst.Prof	201 - till date

### List of Publications (National and International Journals)

1. Analysis of the effect of substrate thickness on a rhombus shaped slot triangular Patch Antenna for WLAN application in IJERA(International Journal of Engineering Research and Applications)
2. A Pentagon shaped slot antenna with three circle stack patch for Wireless Applications in IJERA(International Journal of Engineering Research and Applications)
3. A Compact Triangular and Circular Serrated Rectangular slot Patch Antenna for X-band Applications in IJEAT (International Journal of Engineering and Advanced Technology).
4. A Compact Microstrip Patch Antenna with Triangular Snipped Slot for Wireless Applications in IJAER (International Journal of Applied Engineering and Research).

5.Improving the Tracking Performance by Adaptive Sensing and Processing Schemes in scientific national conference RAISE [Role of RADARS in Atmospheric and Ionospheric Studies]

**National/International Conferences ((National and International))**

NIL

**Achievements / Awards etc.,**

NIL

A Gowtham kumar



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	K. Sushma Rani
<b>Designation</b>	Assistant Professor
<b>Date of Joining</b>	4.2.2016
<b>Nature of association</b>	Regular
<b>Email &amp; Phone No</b>	<a href="mailto:Sushmaa252@gmail.com">Sushmaa252@gmail.com</a> & 9440630822
<b>Department</b>	Electronics & Communication Engineerir
<b>Educational Background</b>	1. M.Tech from JNTUK 2. B.Tech from JNTUK
<b>Area of Specialization</b>	MW & Communication Engineering
<b>Research Areas</b>	
<b>Experience</b>	4 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Asst.Prof	2016 - till date

### List of Publications (National and International Journals)

1. K.Sushma rani ,B.Samuyelu "A Novel Adaptive Noise Cancellers for Corrupted Electro Cardiac Signals" IJRECE Vol-2, Issue-5, July-Aug, 2014

### National/International Conferences ((National and International)

NIL

### Achievements / Awards etc.,

NIL

**Sushma Rani K**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Dr Suresh Sundaradasu
<b>Designation</b>	Professor & HOD
<b>Email &amp; Phone No</b>	<a href="mailto:suresh.hod@gmail.com">suresh.hod@gmail.com</a> & 8978789079
<b>Department</b>	Computer Science and Engineering
<b>Educational Background</b>	1. Ph.D (C.S.E.)From ANU, Guntur 2. M.Tech (I.T.) From AAIDU, UGC-AICTE Validated, Allahabad, UP 3. B.Tech (C.S.E.) From JNTU, Hyderabad, A.P
<b>Research Areas</b>	Image Processing
<b>Experience</b>	18 Years



Sl. No	Institute	Designation	Period
5.	Dhanekula Institute of Engg. & Tech.	Professor & HOD	2017- Till Date
4	MVR College of Engg. & Tech.	Professor & Dean	2016-2017
3	Lingaya's Institute of management and Technology	Asso. Prof	2014 - 2015
2	Nimra College of Engg. & Tech.	Assoc. Prof.	2004 - 2014
1	Akula Gopayya Engg. College	Asst. Professor	2001 - 2004

### List of Publications (National and International Journals)

- [1] Big Data Analytics and SAS Tool, “**International Journal of Advance Computational Engineering and Networking**” Volume-4, Issue-11, Feb-2017 (2320-2106), Pages from 51-55. Indexed- Google Scholar.
- [2] Invariant Shape Retrieval by Computer Vision: Shape Google ,”**International Journal for Development Computer Science and Technology**” Issue V-4, sw-27,Jan-2016 (2320-7884), Pages from 51-59.
- [3] A Review on Edge Detection Algorithms, “**International Journal of Mechanical Engineering & Computer Applications** “Vol-4 ,Jan-Feb 2016 (2320-6349). Page nos:7-11.



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

- [4] A Study of Edge Detection by Various Methods and enhancing the data processing by using MATLAB, "**International Journal of Computer Science & Mechatronics**" Vol-1, Issue-Jan - 2016 (2455-1910). Pages 1 to10.
- [5] A Comparative Study on Shape Recognition, "**International Journal of Science Engineering and Advanced Technology**" Vol-4 Issue-1, Jan-2016(2321-6905) ,pages from 57-65.
- [6]. Hierarchical Strip Cuts : A Translation , rotation, Scale and Reflector Invariant descriptor for Brisk Shape retrieval, **International Journal of Research in Computer Science & Engineering** ", Vol-5, Issue-6 ,Dec-2015 (2321-5585) ,Page no :4024-4043.
- [7] Hybrid Stenography Using Multimedia (Image, audio, video) Concepts Based on Invariant Substitution Techniques, "**International Journal for development of Computers Science & Technology**" Vol-1 issue-Iv,june-july 2013 (2320-7884) ,pages from 100-103.
- [8] A Comprehensive Image Segmentation Approach for Image Registration," International Journal of Computer Trends and Technology " Vol-3 Issue-4 -2012 (2231-2803), pages from 587-591.

## PROJECT GUIDED

UG Level - B.Tech

Supervised 34 Projects

PG Level - M.Tech

Supervised 10 Projects

## National/International Conferences ((National and International)

- [1] Big Data Analytics and SAS Tool "**International Conference on knowledge , Information , Technology and Sciences**" ICKITS-2016, kkr&ksr Institute of Technology and sciences, Guntur, India. Nov 11&12-2016.

## Extracurricular Activities

- [1] Acts as Exam superintend for NICL online examination –Mumbai twice.
- [2] Worked as Editorial board member for Techno Splash Magazine over a period of one year from Feb-2009.
- [3] Acts as a coordinator for perceptions-13 , techno paper presentation event, Nimra College of engineering and Technology, Jupudi, India
- [4] Member in BOS for Computer Science in AG & SG Siddhartha College of Arts & Science (Autonomous), Vuyyuru on 17/04/2019.



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

- [5] Member in BOS for Computer Science in AG & SG Siddhartha College of Arts & Science (Autonomous), Vuyyuru on 16/10/2019.

## Memberships in Professional bodies/ Academics / societies

- [1] Life member ISC (Indian Science Congress)

## FDPs

- [1] Attend FDP on "IOT and Analytics" organized by E&ICT, NIT Warangal - at Dept. of CSE , DhaneKula Institute of Engineering & Technology from 21-10-2017 to 26-10-2017.
- [2] Attend FDP on "AWS Technical Essentials " organized by AWS, APSSDC - at Dept. of CSE , DhaneKula Institute of Engineering & Technology from 12-10-2017 to 13-10-2017.

## STTPs

- [1] Acts as Principal Investigator - 1 for BIG Ideas on Big Data - Proposed Rs 5,00,000 - DhaneKula Institute of Engineering & Technology - AICTE - 1 week Training Program

## GUEST LECTURES

- [1] Guest lecture on "Object Oriented Programming" at International Business School, Acharya Nagarjuna University, Guntur - Dated 14/09/2017.
- [2] Guest lecture on "OOps Concepts - Java" at International Business School, Acharya Nagarjuna University, Guntur - Dated 27/12/2017.

## REFERENCES

Dr. R.Siva Ram Prasad, Coordinator, International Business School, Acharya Nagarjuna University, Guntur, Guntur Dst, A.P., India. Ph.No. +91 9849856589

Dr. Ch. Aruna, Professor, CSE Dept.,  
KITS EngineeringCollege, Guntur, Guntur Dst, A.P., India. Ph.No. +91 9866485761

**Dr S Suresh**

FACULTY PRPOFILE		
<b>Name of the Faculty</b>	Dr.ADAPA SRINIVASA RAO	
<b>Designation</b>	Professor	
<b>Email &amp; Phone No</b>	<a href="mailto:asr.unguturu@gmail.com">asr.unguturu@gmail.com</a> & 9490172383	
<b>Date of Joining</b>	10 -04 -2017	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Computer Science and Engineering	
<b>Educational Background</b>	1. Awarded Ph.D From JNTUK, Kakinada	
	2. M.Tech., From JNTU, Hyderabad Campus	
	3. B.Tech., From JNTU, Kakinada Campus	
<b>Research Areas</b>	Distributed Data Mining	
<b>Experience</b>	27 Years	

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Professor	2017 - till date
2	Akula sreeramulu college of Engg., Tanuku	Assoc.Prof	2012-2017
3	Sir C.R.Reddy college of Engg.,Eluru	Assoc.Prof	2007 – 2012
4	Akula sreeramulu college of Engg., Tanuku	Assoc.Prof	2004 – 2007
5	Sir C.R.Reddy polytechnic,Eluru	Assoc.Lecturer	1994 -2004

## **Publications: 05**

**International Journals : 3 scopus indexed, 1 UGC indexed, 1 Web of Science indexed.**

- A.Srinivasa Rao, Dr.ch.Divakar, Dr.A.Govardhan, “Rank Based Document Clustering and Summarization Approach in the Distributed P2P Network” *Journal of Theoretical and Applied Information Technology (JATIT)*,No.2, Vol.78, 2015.
- A.Srinivasa Rao, Dr.ch.Divakar, Dr.A.Govardhan, “Medical Document Clustering and Summarization Approach in the Distributed P2P Overlays” *International Journal of Applied Engineering Research (IJAER)* ,No.12, Vol.10, 2015.
- A.Srinivasa Rao, Dr.ch.Divakar, Dr.A.Govardhan, “Inter and Intra Feature Based Document Clustering and Summarization Approach in the Distributed P2P Overlays” *International Journal of Emerging Technology and Advanced Engineering (IJETAE)* ,No.6, Vol.5, 2015.
- A.Srinivasa Rao, Dr.ch.Divakar, Dr.A.Govardhan, “An Efficient Approach for Fault Tolerant Grid Computing in Distributed Data Mining”, *International Journal of Advanced Research in Computer Science (IJARCS)* ,No.6, Vol.2, 2011.
- Prabhakar Kandukuri, Gouse Mohammad,and Adapa Srinivasa Rao, “Mobile agent based key update in wireless sensor networks” *International journal of Grid and Distributed Computing*, Vol.14, No.1,2021

## **Patents published : 02**

**1.Title :** “An Automated Framework For Software Redesign Of Component Based Serial Code To Parallel Code For GPU Processor”.

Patent Number: 202141005860

**2.Title :** Secure Human Authentication System With Three Level Multi Model Biometric Fusion Using Neural Networks.

Patent Number : 202141016077

## **FDPs / WORKSHOPS / CONFERENCES:**

- Attended 6- Day FIP on “IoT and Analytics” from 21-26 ,October 2017 conducted at Dhanekula Institute of Engineering and Technology, Vijayawada.
- Attended 2- Day FDP on “AWS” from 12-13, October 2017 conducted at Dhanekula Institute of Engineering and Technology, Vijayawada.
- Attended 2- Day International Conference on Recent Advancement in Computer Science and Communication Technology during 6-7, April 2018 conducted at Dhanekula Institute of Engineering and Technology, Vijayawada.

- Attended 3-Day workshop on OOAD with UML using IBM Rational Rose during 25- 27,september 2008 at C. R. Reddy College of Engineering,Eluru.
- Attended 1- Day workshop on Systems Integration on 20<sup>th</sup> Feb 2009.
- IUCEE Engineering Education Reseach certification Program during Oct-Dec, 2018.
- Attended 5- Day online FDP on LaTeX during 20-24,july
- 2020.
- Attended 3- Day online FDP on “OBE” during 14-16, August 2020.



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PROFILE	
Name of the Faculty	Dr. MYNENI TANOJ KUMAR
Designation	Professor
E-mail & Phone No.	mtanoj@gmail.com 9492488477
Date of Joining	06-02-2019
Nature of Association	Regular
Department	Computer Science and Engineering
Educational Background	1. <b>Ph.D in Computer science and Engineering</b> , from Krishna University, Machilipatnam 2. <b>M.Tech in Computer Science and Engineering</b> , from JNTUK, Kakinada
Research Areas	Cloud Computing, Internet of Things
Experience	19 Years



S.No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Professor & Incharge-Exams	2019 - Till date
2	Koneru Lakshmaiah Education Foundation	Associate Professor	2016 - 2019
3	Andhra Loyola Institute of Engineering and Technology	Assistant Professor & HOD	2010 - 2016
4	Andhra Loyola College	Lecturer & HOD	2000 - 2008

### List of Publications ( National and International Journals)

- [1] **M.Tanoj Kumar** et al.," Analysis of various thermodynamic instability parameters and their association with the rainfall during thunderstorm events over Anakapalle (Visakhapatnam district), India", Acta Geophysica (2020) 68:1549–1564.
- [2] **M.Tanoj Kumar** et al.," Optimized and secured data collection and recovery for IoT applications", International Journal of Engineering and Technology,7(2.7), (2018), 433-435.
- [3] **M.Tanoj Kumar** et al.," An efficient smart car parking system based on IoT concept", International Journal of Mechanical Engineering and Technology, ISSN: 0976-6340, 9(1), (2018), 881-886.
- [4] **M.Tanoj Kumar** et al. "Cloud storage optimization approach using compressive sensing", International Journal of Engineering Research and Development, ISSN: 2278-800X,14(2), (2017), 21-26.
- [5] **M.Tanoj Kumar** et al. " Optimized and secured storage approach for IoT based applications.", International Journal of Mechanical Engineering and Technology, ISSN: 0976-6340, 8(12), (2017), 699-702.
- [6] **M.Tanoj Kumar** et al, "Compressive Sensing Based Simultaneous Data Compression and Convergent Encryption for Secure Deduplication", International Journal of Computer science and Information Security, ISSN: 1947-5500, 15(9), (2017), 147 -149.
- [7] **M.Tanoj Kumar** et al, "Alternative Approaches for Deduplication in Cloud Storage Environment", International Journal of Computational Intelligence Research, ISSN: 0974-1259,13(11), (2017), 2357-2363.
- [8] **M.Tanoj Kumar**, "Cloud based mobile storage augmentation design with data de-duplication", International Journal of Research studies in computer science and Engineering, ISSN: 2349-4840, 2(3), (2015), 13-15.



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

[9] **M.Tanooj Kumar** et al., "Optimized storage approaches in cloud environment", International Journal of Engineering Sciences and Research Technology, ISSN: 2277-9655, 3(12), (2014), 601-605.

[10] **M.Tanooj Kumar** et al., "Survey on Inverted index Compression over structured data", International Journal of Advanced Research in Computer Science, ISSN: 0976-5697, 6(3), (2015), 57-61.

[11] **M.Tanooj Kumar** et al., "A Cloud computing solution for EHR Maintenance in PHCC", International Journal of Computer Science and Information Technology, ISSN: 0975-9, 5(2), (2014), 2369 – 2372.

[12] **M.Tanooj Kumar** et al., " Vehicle Tracking with pollution checkup validity", International journal of Information Technology, Engineering & Sciences, 2(1),(2012),97-100.

[13] **M.Tanooj Kumar** et al."Measurement of AC & DC voltages using IBM compatible Personal Computer", A Journal of Lab Experiments, 5(4),(2005),289-293.

### List of Publications ( National and International Conferences)

1. Title of the Paper :  
**Backup power system for computing application**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
3rd International conference on condensed matter and applied physics (ICC-2019)	American Institute of Physics	Govt. Engineering College, Bikaner, Rajasthan	14th & 15th October, 2019

2. Title of the Paper :  
**A Hybrid approach for enhancing security in Internet of Things (IoT)**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
International Conference on "Intelligent Sustainable Systems"	IEEE	SCAD IT, Palladam	21 <sup>st</sup> & 22 <sup>nd</sup> FEBRUARY 2019

3. Title of the Paper :  
**Grid Power Energy System for IoT Applications**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
International Conference on "Renewable Energy Research and Education"	UGC	Government College, Rajamahendravaram	9 <sup>th</sup> & 10 <sup>th</sup> FEBRUARY 2018



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

4. Title of the Paper :

**Design and Implementation of Storage optimization techniques on HDFS**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
National conference on "Advancements in Embedded systems and sensor networks "	DST	K.L.University, Vaddeswaram	22 <sup>nd</sup> & 23 <sup>rd</sup> MAY 2015

5. Title of the Paper :

**Privacy Enhanced Electronic Health Records in Cloud using AES algorithm**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
National seminar on "Information and Communication Technologies "	UGC	Andhra Loyola College, Vijayawada	11 <sup>th</sup> & 12 <sup>th</sup> AUG-2014

6. Title of the Paper :

**Advances in wireless networks and mobile computing**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
National seminar on "Information and Communication Technologies "	UGC	Andhra Loyola College, Vijayawada	11th & 12th AUG-2014

7. Title of the Paper :

**Survey and comparison of Hierarchical Key Distribution schemes for secure dynamic group communication.**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
National Seminar on "INTRUSION DETECTION USING DATA MINING"	AICTE	Gudlavalleru Engineering College, Gudlavalleru	25th & 26th FEB 2010

### Projects -Guided

- Post-Graduation(P.G.): M.Tech - 03
- Under-Graduation(U.G.)- B.Tech - 12

### Memberships in Professional bodies / Academics / Societies

- Associate Member IETE (The Institution of Electronics and Telecommunication Engineers)
- Life Member IAENG (International Association of Engineers)

(Dr.M.Tanooj Kumar)




# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE																		
Name of the Faculty	Dr. PRABHAKAR KANDUKURI																	
Designation	Professor																	
Email & Phone No	prabhakarcs@diet.ac.in deanresearch@diet.ac.in 9705795005																	
Date of Joining	16 September 2020																	
Nature of Association	Regular																	
Department	Computer Science & Engineering																	
Educational Background	<ul style="list-style-type: none"> <li>➤ <b>Ph.D. (Doctor of philosophy)</b> in <i>Computer Science &amp; Engineering with Specialization in Software Engineering</i>, JNT University Anantapur, Anathapuramu.</li> <li>➤ <b>M. Tech. (Master of Technology)</b> in <i>Computer Science &amp; Engineering</i>, JNTUACE(A), Anantapur, JNT University Anantapur, Anathapuramu.</li> <li>➤ <b>B. Tech. (Bachelor of Technology)</b> in <i>Computer Science &amp; Engineering</i> in RVR &amp; JC College of Engg. (Autonomous), Guntur, A.N. University Guntur.</li> <li>➤ <b>D.CM.E. (Diploma)</b> in <i>Computer Engineering</i> in Pratap Polytechnic, Chirala, State Board of Technical Education and Training, Hyderabad.</li> </ul>																	
Research Areas	Software Engineering, Machine Learning.																	
Experience	14																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S. No</th> <th style="width: 35%;">Institute</th> <th style="width: 30%;">Designation</th> <th style="width: 25%;">Period</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>DhaneKula Institute of Engineering &amp; Technology</td> <td>Professor and R&amp;D Coordinator</td> <td>16 Sep. 2020 to Till</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>Vardhaman College of Engineering(A)</td> <td>Associate Professor</td> <td>14 Oct. 2014 to 09 Sept. 2020</td> </tr> <tr> <td style="text-align: center;">3.</td> <td>SSN Engineering College</td> <td>Assistant Professor</td> <td>12 July 2007 to 16 Oct. 2014</td> </tr> </tbody> </table>			S. No	Institute	Designation	Period	1.	DhaneKula Institute of Engineering & Technology	Professor and R&D Coordinator	16 Sep. 2020 to Till	2.	Vardhaman College of Engineering(A)	Associate Professor	14 Oct. 2014 to 09 Sept. 2020	3.	SSN Engineering College	Assistant Professor	12 July 2007 to 16 Oct. 2014
S. No	Institute	Designation	Period															
1.	DhaneKula Institute of Engineering & Technology	Professor and R&D Coordinator	16 Sep. 2020 to Till															
2.	Vardhaman College of Engineering(A)	Associate Professor	14 Oct. 2014 to 09 Sept. 2020															
3.	SSN Engineering College	Assistant Professor	12 July 2007 to 16 Oct. 2014															



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## List of Publications (International Journals/Conferences):

1. **Prabhakar Kandukuri et al, "Multivariate Economic Analysis of the Government Policies and COVID'19 on Financial Sector"** International Journal of Computer Applications in Technology, **Inderscience Enterprises** Ltd., (Accepted).
2. **Prabhakar Kandukuri et al, "Mobile Agent Based Key Update In Wireless Sensor Networks"**, International Journal of Grid and Distributed Computing, Vol. 14, No. 1, (2020), pp. 497-512, ISSN: 2005-4262 IJGDC, Copyright ©2021SERSC.  
<http://sersc.org/journals/index.php/IJGDC/article/view/35885/19839> **Web of Science (ESC)**
3. **Prabhakar Kandukuri et al, "Machine Learning Algorithm Based Prediction of Heart Stroke Chances Based on Data Provided"**, International Journal of Advanced Research in Engineering and Technology (IJARET). Volume 11, Issue 12, December 2020, pp.2006-2019, Article ID: IJARET\_11\_12\_190, ISSN Print: 0976-6480 and ISSN Online: 0976-6499, DOI: 10.34218/IJARET.11.12.2020.190  
[http://www.iaeme.com/MasterAdmin/Journal\\_uploads/IJARET/VOLUME\\_11\\_ISSUE\\_12/IJARET\\_11\\_12\\_190.pdf](http://www.iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_12/IJARET_11_12_190.pdf) . **(Scopus)**.
4. **Prabhakar Kandukuri et al, "Detection of Position Falsification Attack in VANETs using ACO"**, International Journal of Control and Automation, Vol 12 No 6 (2019): Vol 12 No 6 (2019). **(Scopus)**.
5. **Prabhakar Kandukuri et al, "Dynamic Data Analysis and Decision Making on Twitter Data"**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, November, 2019. **(Scopus)**.
6. **Prabhakar Kandukuri et al, "Project Based Learning through MOOCS"**, IEEE 6th International Conference on MOOCs, Innovation and Technology in Education – MITE2018, Nov 29-30, Hyderabad, India, 2018. **IEEE (Scopus)**.
7. **Prabhakar Kandukuri, "Software Modernization through Model Transformations"**, International Conference on Artificial Intelligence & Cognitive Computing, AICC-18., 02-03, Feb 2018, Hyderabad, India, 2018. **Springer (Scopus)**.
8. **Prabhakar K. A. Ananda Rao, K. Venugopala Rao, "A Model-Driven Approach to Regression Testing of Reusable Software"**, International Conference on Artificial Intelligence & Cognitive Computing, AICC-18., 02-03, PP: 62, Feb 2018, Hyderabad, India, 2018.**Springer (Scopus)**.
9. **Prabhakar Kandukuri, A. Ananda Rao, K. Venugopala Rao "An Approach to Regression Testing based on Grounded Theory Specifications"**, International Journal of Computer Sciences and Engineering, Vol.-6, Issue-6, pp:352-361, June 2018 E-ISSN: 2347-2693.
10. **Prabhakar Kandukuri, A. Ananda Rao, K. Venugopala Rao "A Model-Driven Approach to Regression Testing for Software Modernization"**, International Journal of Scientific Research in Computer Science Applications and Management Studies, Volume 7, Issue 3, pp: May 2018.



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

11. **Prabhakar K.**, A. Ananda Rao, K. Venugopala Rao, “Cost-Effective Model-Based Regression Testing”, “IAENG– World Congress on Engineering”, Vol. I-WCE 2017, pp241-246, July 5-7, 2017, London, U.K., 2017. **IAENG-Engg. Letters (Scopus)**.
12. **K. Prabhakar** et al, “Rate Based Pacing with Various TCP Variants“, International Journal of Trend in Research and Development, Jun 2, 2016.
13. **K. Prabhakar** et al, “Dynamic Component Safety Analysis: A Regression-Based Code Coverage Approach”, International Journal of Electronics Communication and Computer Engineering Volume 4, Issue (6) NCRTCST-2013, ISSN 2249–071X.
14. **K. Prabhakar** et al, “Detecting Unsafe Component Loadings using Static Techniques”, International Journal of Information and Computation Technology. ISSN 0974-2239 Volume 3, Number 10 (2013), pp. 1009-1014.
15. **K. Prabhakar** et al, “MARTE Genetic Algorithm for Uncovering Scenarios Leading to Data Races in Concurrent Systems”, International Journal of Information and Computation Technology. ISSN 0974-2239 Volume 3, Number 3 (2013), pp. 201-210.
16. **K. Prabhakar** et al, “Non-Linear Data Perturbation Method for Privacy-Preserving Data Mining” International Journal of Management, Information Technology and Engineering, ISSN(P): Applied For; ISSN(E):2348-0513; Impact Factor(JCC):0.4512.
17. **K. Prabhakar** et al, “A Queuing Theory Implementation of Time Slicing Based Multiprocessor Scheduling” Paper Published in International Conference on Emerging Technology Trends in Cloud Computing (ICETT-2011), Kerala-India-MAR 2011.

## Books Published:

1. **Artificial Intelligence & Cognitive Computing**, 2018. **Springer-Book Chapter**: “Software Modernization through Model Transformations”.
2. **Regression Testing: A Model Driven Approach**, Lambert Academic Publishing –ISBN 978-620-0-65650-6

## Patents:

1. **Dr. PRABHAKAR KANDUKURI**, “IOT SENSORS BASED MULTI-FUNCTIONAL AND INTELLIGENT WALK GUIDING STICK FOR VISUAL DISABLED PERSON“, Field Of Invention: BIO-MEDICAL ENGINEERING, Application No: 201941051603, Publication Number: 51/2019, Publication Date: 20/12/2019.
2. **Dr. PRABHAKAR KANDUKURI**, “GENERIC, MAPPABLE AND AUTOMATICALLY CONFIGURABLE SINIFICATION SOFTWARE”, Application No.202041010555 A, INDIA, Date of filing of Application: 12/03/2020, Publication Date: 20/03/2020
3. **Dr. PRABHAKAR KANDUKURI**, Secure Human Authentication System with Three Level Multi Model Biometric Fusion Using Artificial Neural Networks, Application Number: 202141016077, Field Of Invention : Computer Science, Date of Filing: 05/04/2021, Publication Date (U/S 11A): 16/04/2021



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## Academic Achievements:

- **3<sup>rd</sup> Rank** in **Ph.D.** Entrance Exam. (out of 250 Aprox.).
- **293 Score** in GATE (out of 7,77,134 Aprox.).
- **209<sup>th</sup> Rank** in **PGCET** (out of 15,000 Aprox.).
- **244<sup>th</sup> Rank** in **ECET** (out of 25,000 Aprox.).
- **Conducted 3** Faculty Development Programs.

## Academic Projects Carried out: 03

- **Ph.D.** : Model Based Techniques for Cost Effective Regression Testing.
- **M.Tech.** : Time Slicing Based Multiprocessor Scheduling.
- **B.Tech.** : Tele Job Information System.
- **D.CM.E.** : College Information System.

## Projects Guided:

- **Post-Graduation (P.G) : 12(+2 are in progress)**
  - **M.C.A.** : **05** and **M. Tech.** : **07+2**
- **Under-Graduation (U.G): 40 (+2 are in progress)**
  - **B.Tech.** : **40+2** (20 mini projects and 20 major projects completed ).

## Key Skills:

- Software Engineering (CASE-Tools): Visual Paradigm, Rational Rose, Selenium, Unified Functional Testing (UFT/QTP) Tool.
- Programming Language Skills : C, C++, JAVA and Python.
- Scripting Skills : JS, CSS, PHP, HTML, and XML.
- Database Skills : MySQL Server.

## Courses Taught at Post Graduate Level (M. Tech.):

- Software Testing and Quality Assurance.
- Software Requirements and Estimation.
- Scripting Languages/Web Technologies.
- Advanced Data Structures and Algorithms.
- Knowledge Representation and Reasoning.

## Courses Taught at Graduate Level (B. Tech.):

- C-Language and Data Structures.
- Advanced Data Structures.
- Advanced Data Structures and Algorithms.
- Principles of Programming Languages.
- Object Oriented Programming Through JAVA.
- Web-Technologies.
- Software Architecture
- Computer Organization.
- Advanced Computer Architecture.
- Database Management Systems.
- Operating Systems.
- Information Security.
- Electronic Commerce.
- Software Testing Methodologies.



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## Roles and Responsibilities:

- **Director EISC** (Entrepreneurship, Innovation and Start-Ups Centre), at DhaneKula Institute of Engineering and Technology, From **December 2020 to Till date.**
- **Coordinator Research & Development** at DhaneKula Institute of Engineering and Technology, From **September 2020 to Till date.**
- **Handling academic classes, Labs, Projects and Student councilor** for 20 students at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **Coordinator for NAAC-Criteria-7** at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **Worked for NBA at Tire-I and Tire-II Levels** at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **In-charge for College Website** at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **Coordinator for B. Tech. Projects** at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **In-charge for III Year B. Tech. CSE**, at Vardhaman College of Engineering, Shamshabad, Hyderabad.
- **Coordinator for M. Tech. (Master of Technology -Software Engineering)** a P.G. Course at Vardhaman College of Engineering during 2013-2016, Shamshabad, Hyderabad.
- **Coordinator of ELAN'10**, A State level Symposium conducted by SSN Engineering College-2010, Ongole.
- **Coordinator for B. Tech. Projects** in SSN Engg. College and Guided Ten Projects.
- Student member of **National Service Scheme (NSS)** student chapter in RVR & JC College of Engg., Guntur.

## Social Activities:

- Appointed as a **Presiding Officer** for ZPTC/MPTC Elections by District Election Authority, Andhra Pradesh, May-2014 General Elections.
- Participated in **TSUNAMI-Relief Camp** at Nizampatnam Harbour organized by NSS of RVR & JC College of Engg., Guntur, in 8<sup>th</sup> & 9<sup>th</sup> Jan 2005.



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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## Research Projects:

- **IOT incubator Cell for Agricultural Applications.** under A Scheme for promotion of Innovation, Rural Industry and Entrepreneurship (ASPIRE), India, (Regn No:AP/2019/0237208), DhaneKula Institute of Engineering and Technology, Vijayawada Budget: **125.25 L**

## Consultancy Projects:

- **MoU Signed with U-Lab Systems, USA,** and Received Projects on Health Care Domain.

## Professional Memberships:

- **ACM**
- **IEEE**
- **IAENG**

(Prof. K. Prabhakar)

Signature



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		<b>FACULTY PROFILE</b>		
<b>Name of the Faculty</b>		Dr.M.ARUNA SAFALI		
<b>Designation</b>		Associate Professor		
<b>Email &amp; Phone No</b>		<a href="mailto:arunasafali.m@gmail.com">arunasafali.m@gmail.com</a>		
		8501887997		
<b>Date of Joining</b>		01-04-2021		
<b>Nature of Association</b>		Regular		
<b>Department</b>		Computer Science & Engineering		
<b>Educational Background</b>		1. Awarded Ph.D (CSE) from Acharya Nagarjuna University, Guntur.		
		2. M.Tech (CSE) from JNTU Kakinada.		
<b>Research Areas</b>		scientific cognition of learning using Deep learning, Domain Sensitive large scale framework using NLP, Internet of Things and Sentiment Analysis		
<b>Experience</b>		12 years		
	<b>S.No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	<b>3</b>	Dhanekula Institute Of Engineering & Technology	Assoc.Professor	01-04-2021 to Till Date
	<b>2</b>	NRI Institute of Technology	Assoc.Professor	01-06-2012 to 31-03-2021
	<b>1</b>	Nimra Institute of Science and Technology	Asst.Professor	02-07-2009 to 03-04-2012



## List of Publications (National and International Journals)

1. Dr. M. Aruna Safali, S. Nandini, K. Chamundeswari , V. Pavan Kumar, P. Bhavya Sri “Enhanced Crop Yielding Technique using Machine Learning”, Science, Technology and Development, ISSN : 0950-0707, Volume IX Issue III, MARCH 2020, pp-327-333.(UGC CARE)
2. Dr. M. Aruna Safali, G. Mani SriLakshmi, T. Hema Lekha Sri Naga Sai, J. Gopi, V. Hemanth. “Advanced Machine Learning Algorithm to Predict the Heart Disease”, Journal of Information and Computational Science, ISSN: 1548-7741, Volume 10 Issue 3, March– 2020,pp-622-627. (UGC CARE)
3. M.Aruna Safali, G.Sai Chaitanya Kumar Dr.. K.B.S Sastry,” Amalgamative Sentiment Analysis Framework on Social Networking Site” in IICDE Conference at Sir CR Reddy College of Engineering. IOP Conf. Series: Journal of Physics: Conf. Series 1228 (2019) 012010 IOP , doi:10.1088/1742-6596/1228/1/012010 (Scopus).

4. M.Aruna Safali, Dr. Ch.Suneetha “Ensemble Feature Analysis Classifier For Sentiment Analysis Using Convolutional Neural Networks”In IICDE Conference At Sir Cr Reddy College Of Engineering. IOP Conf. Series: Journal of Physics: Conf. Series 1228 (2019) 012009, doi:10.1088/1742-6596/1228/1/012009 (**Scopus Hi-indexed**).
5. M.Aruna Safali , Dr. Ch.Suneetha ”Ensemble Text Mining For Sentiment Analysis Using Deep Learning Based Stacked Auto Encoder ”Journal Of Adv Research In Dynamical & Control Systems, Vol.10,07-Special Issue, July-2018, Page No’s- 1827-1834.(**Scopus**).
6. M.Aruna Safali, Dr. Ch.Suneetha ”Ensemble Text Mining Using NLP And Ai Techniques ”International Journal Of Research In Electronics And Computer Engineering (IJRECE Vol. 6 Issue2apr.-June2018),ISSN(Online):2348-2281ISSN (Print):2393-9028 (UGC).
7. M. Aruna Safali, Dr. Ch. Suneetha “Survey On Comparative Analysis Of Sentiment Analysis Techniques” International Journal Of Research Volume Viii, Issue V, May/2019 pp- 2017-23 ISSN No:2236-6124(UGC).
8. M. Aruna Safali , Dr. Ch. Suneetha” Comparative Analysis Of Sentiment Analysis Techniques “ International Journal Of Management, Technology And Engineering Volume Ix, Issue V, May/2019 Page No’s 1997-2004 ISSN No : 2249-7455(UGC).
9. M. Aruna Safali, Dr. Ch. Suneetha “Comparison Of Ensemble Sentiment Analysis Using Convolutional Neural Networks” International Journal For Research In Engineering Application & Management (IJREAM) ISSN: 2454- 9150 Vol-05, Issue-02, May 2019 Page No’s 31-33 (UGC).
10. A. Sanjana, M.Aruna Safali” Implicit Map-Reduce Groups with Multi Task allocation Schedule” International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS)/February 2018/Volume-6/Issue-2/8001-8005ISSN2321-5461.
11. M Aruna Safali, Dr. Ch.Suneetha “ScalableTwo-PhaseTop-Down Specialization Approach For Data Anonymization Using Map Reduce On Big Data For Data Anonymization Using “International journal of emerging trends In Technology And Sciences (ISSN: 2348 – 0246 (Online)), Volume-07, Issue-02, June-2016.
12. M. Kavitha Lakshmi,, M.Aruna Safali, Sep2015,” Adaptive Correlation Based Cluster Using Suffix Tree Formation”, International Journal Of AppliedSciences, Engineering And Management ISSN 2320 – 3439, Vol. 04, No. 02, Pp. 10 –18.
13. R.Anuradha,M.Aruna safali,Sep2014,”A New Approach For Providing Privacy Preserving Data Publishing ”International Journal Of Computer Science Information And Engg., Technologies ISSN 2277-4408 II 01072014-013.

### **National/International Conferences**

1. Dr.M.ArunaSafali, Dr. Deena Babu Mandru, Dr.N.Raghavendra Sai, Dr.G.Sai Chaitanya Kumar “Assessing Deep Neural Network and Shallow for Network Intrusion Detection Systems in Cyber Security” 5<sup>th</sup> International Conference on Computing Methodologies and Communication (ICCM20221) **SPRINGER** (Accepted).
2. Dr.M.Aruna Safali, April 2021 “Recognition for lateral faces using Neural Networks” Recent Challenges in Engineering Science and Technology, Turkish journal of Computer and Mathematics Education ISSN 1309-4653, Vol.12 No.3(2021), Pp.5589-5595.(**Scopus**)
3. K.Parish Venkata Kumar, Sai Chaitanya Kumar, M.Aruna,May-2015 ”Mining Online Customer

Reviews For Product Feature-Based Ranking”, International Journal Of Advanced Research In Computer Science Volume 6, No.3.

4. Optimization Of Horizontal Aggregation In SQL By Using K-Means Clustering” In International Conference On Global Research In NRI It On 20th Feb.2013.
5. Attended National Conference On Advance Information Technology- Aitcsa- 2012 On 29<sup>th</sup> & 28<sup>th</sup> Dec-2012

### **FDP's/Workshops**

1. One Week Short Term Training Program on “Web Development with Python Django Framework ” organized by Department of CSE, Ramachandra College of Engineering, Eluru from 16th November 2020 to 20th November 2020.
2. Two Week Online Faculty Development Program (FDP) on “Professional Morals, Work Ethics & Accountability for Teachers in Technical Education” organized by VRSEC during 19th - 31st October, 2020.
3. One week FDP on “High Quality Medical Diagnosis using Data Science for Societal Benefits” in VRSEC, During 21<sup>st</sup> to 25<sup>th</sup> September 2020.
4. A 3-Day Online Faculty Development Program on "Data science behind Natural Language Processing" in LBRCE, during 8<sup>th</sup> to 10<sup>th</sup> June 2020.
5. One week National Level Online FDP on "Internet Of Things and Artificial Intelligence" in KL Deemed to be University, During 1<sup>st</sup> to 6<sup>th</sup> June 2020.
6. Online Course Certification in COURSERA on "Python Basics" During May 2020.
7. Four week Online Course Certification in COURSERA on “Neural Networks and Deep Learning” During May 2020.
8. Five week Online Course Certification in COURSERA on “Machine Learning With Big Data” During April 2020.
9. One Week FDP On “Deep Learning With Ai Applications” In NRI It ,Vijayawada During 25<sup>th</sup>-30<sup>th</sup> November 2019.
10. Two Day FDP On “Innovative Teaching Methodologies” In NRI It , Vijayawada During 3<sup>rd</sup> And 4<sup>th</sup> October 2019.
11. Participated In Iccide-2017 During 14th And 15th July In L.B.R.C.E, Vijayawada.
12. One Day National Level Workshop In “The Art Of Publishing, Writing Thesis And Project Proposal”23<sup>rd</sup> April 2016 In KLU Deemed to be University.
13. IVRRIRR-2014 In RVR&JC College Of Engineering On 2nd &3<sup>rd</sup> May-2014.
14. “Big Data Analytics National Workshop” In RVR&JC College Of Engineering On 17th &18<sup>th</sup> April-2013.
15. “Android and Mobile Applications Development “On 19<sup>th</sup>&20<sup>th</sup> July2013.

## **Achievements / Awards/Honors'**

1. YOUNG SCIENTIST AWARD-2020 by Andhra Pradesh Akademi of Sciences (APAS), Amaravati, AP.
2. Fellow Member in Andhra Pradesh Akademi of Sciences (APAS).
3. Fellow Member in International Institute of Organized Research (I2OR)
4. Scientific Committee Member for (ICRCEST) International Conference on Recent Challenges in Engineering Science and Technology-2021 on 09<sup>th</sup> - 10<sup>th</sup> April 2021.
5. Advisory National Committee Member for (ICREGT) 1st International Conference on Renewable Energy and Green Technology–2020 SRM IST in association with IFERP held on 09<sup>th</sup> - 10<sup>th</sup> October 2020.

## **Patents**

1. “Architecture for Autonomous Sterilized Thermal Sensing System for Virus Scanning During Epidemics“, Application Number-202041012415 A.
2. “Smart Eyewear with Reading Assistive Book Reading”  
Application Number- 201941049771 A.

## **Memberships**

1. Editorial Member in International Journal for Development of Computer Science and Technology (<http://ijdcst.com/Editorialboard.aspx>).
2. Reviewer in Advances in Science, Technology and Engineering Systems Journal (ASTESJ) Scopus (ISSN: 2415-6698): ID: AJR05405.
3. Reviewer in “Journal of Big Data” indexed in Springer.
4. Professional Member in "INSTITUTE FOR ENGINEERING REASEACH AND PUBLICATION" (IFERP).
5. Lifetime Member in "INTERNATIONAL ASSOCIATION OF EMGINEERS"(IAENG).
6. Associate Member in "INSTITUTE OF RESEARCH ENGINEERS"(IRED).
7. Member in "COMPUTER SCIENCE TEACHERS ASSOCIATION"(CSTA).
8. Member in “Internet Society” (ISOC)- 2227439
9. Senior Member in “International Economics Development and Research Center”.

(Dr.M.Aruna Safali)

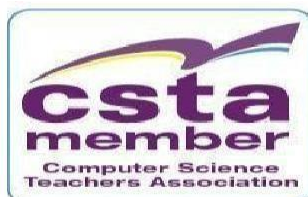


# Dr.Sreenivas Velagapudi

Dno:25-24, Yanamalakuduru, Penamaluru Mandal Vijayawada, AP, India.

Ph:+919985772888

Email:velagapudisreenivas@gmail.com



To train and develop young and mature computer professionals in the area of recent trends in computer engineering and to achieve a position of national leadership in the study of computer engineering by actively being involved in teaching, training and research, and rendering professional services to the society at large.

## Education:

<b>Ph.D in Computer Science &amp;Engineering</b> Sarvepalli Radhakrishnan University, INDIA.	<b>2021</b>
<b>M.S in Software Engineering</b> University of Hertfordshire, Hatfield, U.K.	<b>2008</b>
<b>B.Tech in Computer Science &amp;Engineering</b> Pondicherry University, INDIA.	<b>2005</b>
<b>Board of Intermediate( M.P.C)</b>	<b>2001</b>

## **Consulting and Coaching Career:**

<b>Educational Consultant / Skills Trainer</b> Oasis Educational Consultants, Vijayawada, INDIA.	<b>2009- Present</b>
<b>External Relations Coordinator</b> University of Hertfordshire, Hatfield, U.K	<b>2007-Present</b>
<b>Out Source Contractor</b> IBM, Hyderabad, India.	<b>2013-Present</b>

### **Professional Experience:**

<b>Full Time Research Scholar for Ph.D</b> Sarvepalli Radhakrishnan University, Bhopal	<b>2017-2021</b>
<b>Professor of CSE</b> TKR College of Engineering and Technology,Hyd	<b>2016-2017</b>
<b>Associate Professor &amp; HOD of CSE</b> MITS, Kodad, India	<b>2015-2016</b>
<b>Assistant Professor of Computing Department</b> Adama University, Adama, Ethiopia.	<b>2013-2015</b>
<b>Assistant Professor of CSE</b> K.L.University, Vijayawada, INDIA.	<b>2011-2013</b>
<b>Assistant Professor of IT</b> V.R.Siddhartha Engineering College, Vijayawada, INDIA.	<b>2009-2011</b>
<b>Teaching Assistant of CSE</b> University of Hertfordshire, Hatfield, Hertfordshire, U.K.	<b>2007-2008</b>
<b>Lecturer of CSE</b> Regency Institute of Technology, Yanam, INDIA.	<b>2005-2006</b>

### **Thesis Title in Ph.D:**

“DEEP LEARNING ALGORITHMS FOR FACIAL EMOTION RECOGNITION OF STREAMING VIDEO IMAGE SYSTEMS” under the guidance of Dr.Varsha Namdeo, Professor of CSE,SRK University.

### **Ratification:**

Ratified as a **Assistant Professor** by JNTU Hyderabad in 2016. Faculty Registration ID:8583-160314-145126

### **Research Projects Applied:**

Applied **DST** project “**Establishing and Providing Science lab and Sports facilities in Government Schools in Rural Areas**” Submitted to NCSTC with Programme name **CHILDREN CENTRIC OUTREACH PROGRAMME.**

### **Funding Information:**

Received financial support/AID \$3600 as funding for my Thesis Research Paper publication under the part of **ENIGMA-ITN** project that has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska–Curie Grant Agreement No 722028.

### **Research Projects Under Process:**

Planned to submit the Research project proposals to University Grant Commission (UGC), Hyderabad.

## **Patents: 02**

Patent Published: "**System and Method for Strengthening Security for Cloud Data**" with application number 201641003361 to Intellectual Property of India.

Patent Published: **System and Method to Recognize Human Emotions with Multi Scale Features from Video Sequences**" with Application Number: **202021027187** to Intellectual Property of India on 17-07-2020.

**Google Scholar Citations value is 103 as on 2020**

**H-index- 6, i10- index- 4**

## **AWARDS:**

Received "**InSc Research Excellence Award 2019**" from Institute of Scholars, Banglore in 2019

## **NPTEL CERTIFICATIONS:**

Received Certificate from NPTEL for the Course **Cloud Computing**

### **Administrative Experience:**

Working knowledge on NAAC and NBA Accreditations for last 8 years

Outcome Based Education (OBE) Practitioner

Worked as Entrepreneur Develop Cell (E-Cell) Coordinator.

## **Text Books Published: 02**

<b>Sl. No.</b>	<b>Name of the Text Book</b>	<b>Year of publication</b>	<b>ISBN</b>
1	Effective Implementation of Software Process Models and Best Practices  (LAP LAMBERT Academic Publishing GmbH & Co. KG-Germany)	2012	978-3-8484-3343-8
2	Internet Protocol Networks (LAP LAMBERT Academic Publishing GmbH & Co. KG-Germany)	2012	978-3-8484-1187-0

## **Research Papers Published: 24**

[1] Velagapudi Sreenivas, "Modified DBN Based Human Emotion Recognition with Multi Scale Features from Video Sequences", **Software: Practice and Experience**, ISSN no: 1097-024X, with Impact Factor: 1.786 Indexed in **Scopus, web of science, SCIE**.

[2] Velagapudi Sreenivas, "Group based emotion recognition from video sequence with hybrid optimization based recurrent fuzzy neural network", **Journal of Bigdata, Springer**, Aug 2020, with Impact Factor: 2.501, Indexed in **Scopus**.

[3] V.Sreenivas "A Innovative Design of Cloud Based Secured Online Banking Card Transaction". International Journal of Creative Research Thoughts(IJCRT) ISSN: 2320-2882, Volume 6, Issue 1, pp 101-113, Feb 2018, Indexed by Google Scholar, ResearcherID Thomson Reuters, Mendeley : reference manager, Academia.edu, arXiv.org, Research Gate, CiteSeerX, DocStoc, ISSUU, Scribd.

- [4] V.Sreenivas "A Panoramic Design Of Cloud Computing Implementation Elastic Utility Computing Architecture" International Journal of Modern Trends in Engineering and Research(IJMTER) ISSN:2349-9745,Volume 5,Issue 2,PP 79-84 Feb 2018,Indexed by by Google Scholar, ResearcherID Thomson Reuters, Scribd.
- [5] V.Sreenivas "F-FMRI Image Mining And Classification Using Edge Detection Techniques Of Brain Tumour". International Journal of Creative Research Thoughts(IJCRT) ISSN: 2320-2882,Volume 6,Issue 1,pp 114-122, Feb 2018,Indexed by Google Scholar, ResearcherID Thomson Reuters, Mendeley : reference manager, Academia.edu, arXiv.org, Research Gate, CiteSeerX, DocStoc, ISSUU, Scribd
- [6] V.Sreenivas "Student's Academic Performance Using Classification Algorithm In Weka" International Journal of Modern Trends in Engineering and Research(IJMTER) ISSN:2349-9745,Volume 5,Issue 3,PP 46-52 Feb 2018,Indexed by by Google Scholar, ResearcherID Thomson Reuters, Scribd
- [7] V.Sreenivas "Cloud Computing Based HPC: A Framework for Ethiopian Universities", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE),2014, pp. 4125-4130,May 2014, ISSN: 2320-9801,Impact Factor: 1.386, Indexed by Google Scholar, INDEXCOPERNICUS, DOAJ, Science Central, Directory of research Journal Indexing
- [8] V.Sreenivas "Performance Evaluation of Encryption Techniques and Uploading of Encrypted Data in Cloud", **IEEE** 2013,Computing, Communications and Networking Technologies (ICCCNT),2013, pp. 1-6, 2013, ISBN:978-1-4799-3925-1,DigitalObjectIdentifier 10.1109/ICCCNT.2013.6726514,indexed by **SCOPUS**
- [9] V.Sreenivas "Data security in cloud using RSA",**IEEE** 2013,Computing, Communications and Networking Technologies (ICCCNT),2013, pp. 1-6, 2013, ISBN:978-1-4799-3925-1, Digital Object Identifier : 10.1109/ICCCNT.2013.6726471 indexed by **SCOPUS**
- [10] V.Sreenivas "Enhancing the Security for Information with Virtual Data Centers in Cloud", **Springer**-Verlag Berlin Heidelberg 2012,Future Wireless Networks and Information Systems, LNEE 143, pp. 277–282, 2012,indexed by **SCOPUS**.
- [11] V.Sreenivas "A Cloud Model to Implement SaaS", Advanced Materials Research, vols: 341,342, PP NO : 499-503, Sep 2011, indexed by **SCOPUS**
- [12] V.Sreenivas "Efficient Use of Cloud Computing in Medical Science", American Journal of Computational Mathematics, Vol:2, PP NO : 240-243 Sep 2012, **Impact Factor : 0.4**
- [13] V.Sreenivas "Cloud Automorphic Scheme", International Journal of Computational Mathematical Ideas, ISSN: 0974-8652, Vol:3, Issue:2, PP NO:99- 104, 2011, **Impact Factor: 1.62**
- [14] V.Sreenivas "Cloud Bootstraple Encryption Schemes", International Journal of Cloud Computing Technological Ideas(IJCCTI), ISSN:0974-8656, Vol:2, Issue:1,PP No: 100,105,2012
- [15] V.Sreenivas "A Novel Approach for Link/Path Protection in Dual-Link Failures", International Journal of Modern Engineering Research (IJMER), ISSN: 2249-6645, Vol:2,Issue:1, PP NO: 384-389,Feb 2012.

[16] V.Sreenivas "An Approach for Implementing Dual Link Failure Resiliency through Backup Link Mutual Exclusion", International Journal of Advanced Research in Computer Science, ISSN: 0976-5697, Vol:3, Issue: 3, PP No: 123-128, May 2012

[17] V.Sreenivas "Creating Active Smart Refuge Operations for Complex Feeble Threats", International Journal of Cloud Computing Technological Ideas(IJCCTI), ISSN:0974-8656, Vol:2,Issue:1, PP NO:106-109, Sep 2012.

[18] V.Sreenivas "Password Authentication System (PAS) for Cloud Environment", International Journal of Advanced Computer Science and Information Technology, ISSN : 2320-0235,Vol: 2, Issue: 1, PP No: 29-33, April 2013.

[19] V.Sreenivas "Cloud Services Portability for Secure Migration", International Journal of Computer Trends and Technology(IJCTT), ISSN: 2231-2803, Vol:4, Issue:4, PP NO: 546-549, April 2013

[20] V.Sreenivas "Dataware House as a Service(DwaaS)", International Journal of Advance and Innovative Research (IJAIR), ISSN: 2278-7884, Vol:2, Issue: 4, PP NO: 788-792, April 2013.

[21] V.Sreenivas "Effective Use Of HTML 5 for Developing Offline Web Applications" International Journal of Advance and Innovative Research (IJAIR), ISSN: 2278-7884, Vol:2,Issue: 4, PP NO: 1288-1292, April 2013.

[22] V.Sreenivas "Optimizing Aggregation Query Processing", International Journal of Advance and Innovative Research (IJAIR), ISSN: 2278-7884, Vol:2, Issue: 4, PP NO: 1208-1212, April 2013

[23] V.Sreenivas "Learning Structure in Cloud(Implementing SaaS)", International Journal of Advance and Innovative Research (IJAIR), ISSN: 2278-7884, Vol:2, Issue: 4, PP NO: 332,335, April 2013

[24] V.Sreenivas "Tosca Enabling Cloud Portability", International Journal of Advance Research in Computer Engineering & Technology (IJARCET), ISSN :2278-1323, Vol:2,Issue:3, PP NO: 974-978, March 2013

### **Professional Development:**

#### **Attended Seminars, Conferences, Workshops and Faculty Development Programmes: 16**

- [1] Presented a paper "**A Panoramic Study on Human Facial Emotion Recognition using Machine Learning Techniques**", International Conference on Electrical, Electronics, Computer Science and Information Technology (ICEECSIT-2020), July 2020, ID: AR-CSIT-VISAK-140720-2423.
- [2] Presented a paper, "**Panoramic View of Hybrid Optimization on Recurrent Fuzzy Neural Network in Group Based Emotion Recognition Video System**", 1st International Conference on Recent Trends in Engineering & Science, August 2020, ISBN: 978-81-937313-2-1.
- [3] Participated One Week Faculty Development Programme(FDP) on "**OUTCOME BASED EDUCATION**" by E&ICT Academy, NIT Warangal at TKRCET Hyderabad from 13-11-2017 to 18-11-2017.

- [4] Participated One Day **Faculty Knowledge Program** on 22-07-2017 in IBS(ICFAI Business School) Hyderabad
- [5] Presented a Paper " Load Balancing Techniques: Major Challenge in Cloud Computing A Systematic Review" in IEEE International Conference on Electronics and Communication Systems (ICECS'14) held during 13-2-2014 to 14-2-2014 at Karpagam College of Engineering, Coimbatore, Tamilnadu, India.
- [6] Presented a Paper in "Performance Evaluation of Encryption Techniques and Uploading of Encrypted Data in Cloud" IEEE 4 International Conference on Computing Communications and Network Technologies (ICCCNT) held during 4-7-2013 to 6-7-2013 at Vivekananda Engineering College for Women, Tamilnadu, India.
- [7] A Two Day National Workshop on Recent Research Trends in Computer Science and Information Technology held during 21-06-2013 to 22-06-2013 at JNTU College of Engineering Vijayanagaram, India.
- [8] A Four Day AICTE Sponsored National Workshop on "Research Methodology" to Enhance the Research Skills held during 15-05-2013 to 18-05-2013 at K L University.
- [9] A Three Day National level Workshop on "Wireless Sensor Networks Vis-à-vis Sensor Web Enablement" held from 23-05-2013 to 25-05-2013 Organized by AICTE and SNRG at K L University.
- [10] A One Week Faculty Development Programme on "NETWORK SECURITY AND COMPUTER FORENSICS" Sponsored by TEQIP –II S.C 1.2 held during April 30 to May 4 2013 at V.R.Siddartha Engineering College, India.
- [11] A Two Day Workshop on "BIG DATA" held at R.V.R and J.C Engineering College in April 2013 during 17-04-2013 to 18-04-2013.
- [12] A One Day Workshop on "SENSOR NETWORKS" held at K.L.University on 25-03-2013.
- [13] International Conferences on ELECTRICAL,ELECTRONICS AND COMPUTER SCIENCE(ICEECS 2012) Conducted by IRD INDIA held at Tirupati on 14-10-2012.
- [14] Faculty Development Programme on "Instructional Design and Delivery Systems" Conducted by National Institute of Technical Teachers Training and Research, Chennai from 14-05-2012 to 18-05-2012.
- [15] A Two Day International Conference on "New Frontiers in Treating and Preventing Diabetic Retinopathy-a Nano Technology Initiative" Organized by C R Rao Advanced Institute of Mathematics, Statistics and Computer Science Sponsored by Department of Science and Technology, Govt of India during 30-31 January 2013.
- [16] National Conference on Information Technology and its applications-2K11 held at S.V. University from 25-11-2011 to 27-11-2011.

### **Professional Memberships and Associations:**

Serial Number	Name of the Award/ Recognition
1	International Association of Engineers (Hong Kong) Member Number: 118676
2	Member of International Association of Computer Science and Information Technology (IACSIT) ( Singapore) Member NO.: 80343874
3	Associate Member of Computer Society of India
4	Member of The Society of Digital Information and Wireless Communications. ID: 4056

5	Member of Computer Science Teachers Association (CSTA) Member ID: 7984691
6	Associate Editor of International Journal of Computational Mathematical Ideas
7	Associate Editor of International Journal of Cloud Computing Technological Ideas
8	Associate Editor of International Journal of Artificial Intelligence Ideas
9	Reviewer of SCIKNOW Publications in Journals of Advances in Security Engineering, Open journal of Information Engineering, Open journal of Artificial Intelligence and Open journal of Software Engineering.
10	Editorial & Review Board Member of The International Journal of Computer Science & Application . ISSN Number : 2278-1080
11	Editorial & Review Board Member of International Journal Of Advance and Innovative Research (IJAIR). ISSN: 2278-7844
12	Editorial & Review Board Member of International Journal of Computer Science and Management Science (IJCSMR). ISSN Number :2278-733X
13	Editorial & Review Board Member of International Journal of Engineering Research (IJER). ISSN: 2319-6890
14	Editorial & Review Board Member of Peak Journal of Scientific Research and Essays (PJSRE)
15	Editorial Board Member of International Journal of Computer Science and Business Informatics (IJCSBI)
16	Editorial Board Member of International Journal of Research in Engineering and Technology (IJRET).ISSN:2319-1163.Reviewer ID:20130553
17	Editorial Board Member of International Journal of Creative Research Thoughts(IJCRT) ISSN: 2320-2882 Reviewer ID:112439

### **Subjects Handled**

S.No	UG(B.Tech) Level Teaching Subjects	PG(M.Tech) Level Teaching Subjects
1	Cloud Computing	Cloud Computing
2	Java Programming	Advanced Java Programming
3	Software Engineering	Advance Software Project Management
4	Big Data and Hadoop	Big Data Analytics
5	Computer Graphics	Research Methodology
6	Machine Learning,	Machine Learning,
7	Artificial Intelligence	Deep Learning with Python

## **Professional Experience:**

12/16 to 04/18

**Professor**

TKRCET, Hyderabad

My Responsibilities are Working as a Professor and coordinator for UG and PG Projects and coordinator for Entrepreneur cell(E-Cell).My duties include all Academic and Research Activities .Actively Participating in all activities according to the Department.

02/16 to 12/16

**Associate Professor**

MITS, Kodad

My Responsibilities are managing the Department in all activities and to provide effective instruction in Computer Information Science disciplines and designing the curriculum. My duties include providing assistance in course planning, development; coordination and delivery (including class room teaching) where necessary undertake classroom teaching in Computer Science & Engineering and Information Technology – including related disciplines.

09/13 to 02/15

**Assistant Professor**

Adama University, Ethiopia

My Responsibilities are to provide effective instruction in Computer Information Science disciplines and designing the curriculum. My part is an important role in assisting with the development and administration of system-wide and directorate-specific policies, and are viewed as active participant in academic and extra-curricular events at the College as well as within the student community.

My Duties are using a Practical, applied approach, teach course that are in line with course and program goals to meet the needs and aspirations of the students and Community. Developing and Utilizing the Various Educational technology resources to ensure that effective and innovative instructional Methodologies are employed

Applying Strategies to ensure that effective student learning is achieved within a environment, providing continuous feedback on student progress through a variety of assessment tools including tests, projects, assignments and other evaluation instruments

05/11 to 09/13

**Assistant Professor**

K.L.University, INDIA

My duties include providing assistance in course planning, development; coordination and delivery (including class room teaching) where necessary undertake classroom teaching in Computer Science & Engineering and Information Technology – including related disciplines. A leading role in the academic direction of programs including teaching, research academic assessment and academic administration. Offering academic counseling and career advice to students. Carrying out any other tasks assigned by the concerned heads of centre, department or section.

12/09 – 12/11

**Assistant Professor**

V.R.Siddhartha College, India

My main responsibilities include Teach assigned courses to students according to the college policies. Working with the head of the department to maintain research programs; the main duties are writing articles for publication and attend the educational workshops for professional developments. Identifying and obtaining the

funds for the research programs. My Duties are teaching the undergraduate students and teaching Computer Science and Engineering subjects like Java Programming, Software Engineering, Computer graphics, Multimedia, Internet Programming, and Visual Programming etc. Carry out the Research Programs, Conducting and Evaluating the Internal Exams and Examination papers

**Professional Experience continues.....**

12/07 – 12/08

**Teaching Assistant**

University of Hertfordshire, U.K

My main duties include teaching to the undergraduate students and providing information about the publications and research programs in university. Assisting in developing the curriculum plan and course materials; providing career guidance to students when needed, giving support to the students who are active in research programs. My duties include all the administration work assigned by head of the department. Encourage the students to participate in cultural and sport activities

08/05 - 06/06

**Lecturer**

Regency Institute of Technology, Yanam

My main duties include support undergraduate learning through a variety of activities including direct teaching, one-to-one and small-group activities, tutoring, conducting problem-solving sessions, delivering practical/lab sessions, overseeing and encouraging the use of college learning resources including printed, audio-visual and computer-based equipment, and such other learning support methods and materials as may be developed. Teaching the assigned courses, preparing related material and keeping a file for each course. Supervising and counseling students on theoretical and practical activities. Offering assistance to low achievers. Keeping records of the students academic results, activities and attendance.

**Interests:** keeping abreast of latest Technologies in Computer Science and Engineering domain

**References:**


- 1) Dr.Varsha Namdeo, Professor of CSE, SRK University, Bhopal, India  
Email: varsha\_namdeo@yahoo.com
- 2) Dr.T.Venkateswara Rao , Head and Professor of ECE  
C.R.Reddy College of Engineering, Eluru, A.P, India  
Email: tumati01@gmail.com
- 3) Dr.Raja Tumati  
Senior Management Lecturer Dept of Tourism and Management Studies  
Oman Tourism College Muscat, Oman  
Email: raja .tumati@otc.edu.om



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PROFILE		
<b>Name of the Faculty</b>	P.V.Hari Prasad	
<b>Designation</b>	Associate Professor	
<b>Email &amp; Phone No</b>	p.venkatahariprasad@gmail.com 9885269952	
<b>Date of Joining</b>	01-06-2013	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Computer Science & Engineering	
<b>Educational Background</b>	(Ph.D.) CSE Registered at ANU , 2012	(Thesis Writing Phase)
	M.Tech. CST from AU in 2001	
	B.Tech. CSE from AU in 1998	
<b>Research Areas</b>	Network Security , Cloud Computing	
<b>Experience</b>	21 Years	

### List of Publications (National and International Journals)

1. A paper entitled “Stipulated Ranking Technique for Image Search Engines” in International Journal of Computer Science and Information Technologies, Vol. 5 (4) , 2014, 5720-5723
2. A Paper entitled “Dynamic Authentication For Dos Attacks Using Snort Rule” in IJESR/May 2015/ Vol-5/Issue-5/370-375.
3. A Paper entitled “Attribute Based Encryption - A Cryptographic Frame Work in a Shared Medium among Multiple Clients” in IJMTST/November 2016/Volume-2/Issue-1/225-229.
4. A Paper entitled “Homomorphic Encryption Technique on Minimizing Overhead of CCP-ABE” in IJMTST/February 2017/Volume-3/Issue-2/75-82.
5. A Paper entitled “An Effective Attribute Based Ciphering Method in Cloud Computing” in IJRRECS/June 2017/Volume-5/Issue-6/7151-7155.
6. A Paper entitled “Pattern Based Homomorphic Encryption Technique for Minimizing Computation and Communication Overhead” in IJR/September 2017/Volume 04/Issue 10/846-853.




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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842/

43. Email: dietoffice2009@rediffmail.com; URL:

www.diet.ac.in

FACULTY PRPOFILE			
<b>Name of the Faculty</b>		Ragini Mokkaapati	
<b>Designation</b>		Asst.Professor	
<b>Email &amp; Phone No</b>			
<b>Date of Joining</b>		01-02-2010	
<b>Nature of Association</b>		Regular	
<b>Department</b>		Computer Science & Engineering	
<b>Educational Background</b>		M.Sc, M.Tech	
<b>Research Areas</b>		Machine Learning, IOT	
<b>Experience</b>		12 years	
S.No	Institute	Designation	Period
1	DhaneKula Institute Of Engineering & Technology	Asst.Professor	01-010-2010 to Till Date
2	Montessori Mahila P.G Kalasala	Asst.Professor	01.06.2007 to 29.08.2008

### Publications:

1. M.Ragini, "Classification of Fruits and Vegetables with its Nutrients", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, p-ISSN: 2395- 0072 ,Volume7 ,Issue 6, June 2020.
2. M.Ragini, "Enhanced Lung Cancer Detection Using OpenCV", International Journal of Science , Engineering and Management SSN (Online) 2456 -1304 Volume3 ,Issue 4, April 2018.
3. M.Ragini, "Smart Campus", Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Volume 6, Issue 3, March 2019.
4. M. Ragini, " A Rigorous 2 Layer Epidemic Model for Malware Propagation in Large Scale Networks" , International Journal of Advanced Technology & Innovative Research ISSN:2348 2370 Vol-8 Issue- 11, September- 2016
5. M. Ragini, " Privacy Preserving of Publication Users Using Tuple Grouping Methods",International Journal of Engineering and Science Research ISSN : 2277- 2685,May 2015,Vol:5,PP:363-369
- 6.M. Ragini, " Explication Search Results from Huge Amount of Published Data", International

Journal of Science Engineering and Advance Technology SSN:2321- 6905,Vol- 2,Issue- 9,2014,PP:40 3-406

7. M. Ragini, " Detection of Blood vessels in Breast Using Matched Filters", International Journal of Computer Science & Information Technology IJCSIT, ISSN-2044-6004, VOL-3, FEB 2012, PAGE:32-37

#### **Conference**

1. M.Ragini, "Enhanced Lung Cancer Detection Using OpenCV", International Journal of Science , Engineering and Management,IFERP - Conference 2017,Vijayawada.
2. M.Ragini, ""Ranking and Suggesting Popular item sets in Mobile Stores Using Modified Apriori Algorithm", International Journal of Engineering IRNET-Conference 2012, Vizag.

#### **Participation:**

1. Participated in three day FDP on Outcome based education ;Importance of outcomes, Assessment and Evaluation for accreditation under AICTE margadarshan organized by Department of CSE ,VRSEC from 14.08.2020 to 16.08.2020
2. Participated in five day Faculty development program on AWS cloud computing organized by APSSDC from 22.06.2020 to 26.02.2020.
3. Participated in one week faculty development program on cyber security organized by Dept of CSE JNTUK university college of Engineering Vizianagaram in association with UCEV CSI student branch(Region-V) and Supraja Technologies from 11.06.2020 to 16.06.2020
4. Participated in 2 days Faculty training Program on BLOCK CHAIN in collaboration with TCS services organized by Department of IT,VRSEC during 13th and 14<sup>th</sup> September 2019
5. Participated in 1 week FDP on Python & R Programming in association with EICT, NIT, Warangal from 26-12-16 to 31-12-16. (One week)
6. Participated in 3Days FDP on Big Data analytics and Computer Forensics from 02-05-16 to 04-05-16. (3 days).
7. Participated in 1 week FDP on Cyber Security by JNTUK College Of Engineering,Vizianagaram from 11-06-2020 to 16-06-2020. (One week)
8. Participated in 5 day FDP on AWS Cloud Computing by APSSDC from 22-07-2020 to 26-07-2020

#### **Memberships:**

1. Acting as an IFERP member

#### **Achievements / Awards etc**

1. Ratified from JNTUK, Kakinada in the year 2017.



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Ms. P. Sunitha
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:Sunithamadhavi.patchala@gmail.com">Sunithamadhavi.patchala@gmail.com</a> & 8008225443
<b>Date of Joining</b>	11/10/2010
<b>Nature of Association</b>	Regular
<b>Department</b>	Computer Science & Engineering
<b>Educational Background</b>	B. Tech, M. Tech, (PhD)
<b>Research Areas</b>	Network Security /Cloud Computing
<b>Experience</b>	14 Years 3 Months



Sl. No	Period		Organization / Institution	Position Held
	From	From		
1	Oct,2010	Till Date	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor
2	June,10	Oct,2010	Usha Rama,Tela Prolu	Assistant Professor
3	Nov, 2008	Jun, 2010	GMMM,Nandigama	Assistant Professor
4	Nov,2005	Oct, 2007	JITS,Karimnagar	Assistant Professor

### List of Publications (National and International Journals)

1. “An optimized call routing technique using session initiation protocol” Oriental Journal of Computer Science &Technology(OJCST) (ISSN 0974-6471),volume 01,Number 01, page 59- 64, June 2008.
2. “ A Multiuser communication through ambient devices using H.323 protocol “Oriental Journal of Computer Science &Technology(OJCST)(ISSN 0974-6471),volume 01,Number 01, page 75-80, June 2008
3. “ A Comprehensive Archiving Technique of Web Data for Effective offline Browsing “International Journal of Computer Engineering and Information Technology(IJCEIT)( ISSN 0974-2034), Volume 01,Number 01,page 210-217, Nov 2008-Jan 2009.
4. “ Investigations on the Effect of Various Parameters on the Offline Browsing Efficiency of a Web Archiving System Using Breadth First Search Algorithm, International Journal of Computer Science and Information Technologic(IJCSIT)s, Vol.3(6),2012,5497- 5500(ISSN:0975-9646),December,2012.
5. “Design and Analysis of a Multithreaded Web Archiving System for Offline Browsing Using Graph Searching Algorithms “International Journal of Computer Science And Technology(IJCST), Vol. 3, Iss ue 4, Oct - Dec 2012(ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print).



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

6. "Effective Usage Of Randomized Multicast Distributes Node Location In Wireless Sensor Networks (Wsn) "International Journal of Research in Computer Science & Engineering, Vol-4, Issue-3, May -June, 2014, ISSN: 2321-5593 (Online), ISSN: 2321-032X(Print)
7. " Fuzzy and GE based Intelligent Traffic Control Syatem for High Speed Networks" International Journal of Engineering & Science Research, ISSN 2277- 2685 , April 2015/ Vol-5/Issue- 4/173-178
8. "Ensuring Semantic Security in Keyword Search using Searchable PublicKey Ciphertexts with Hidden Structures ", International Journal of Science Engineering and Advance Technology, Vol.4,Issue8, August 2016
9. " Effective Management Of daas Issues In Federated Cloud Environment Using Saml And Qr-Code" International Journal of Pure and Applied Mathematics Volume 115 No. 8 2017, 553- 558 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)
10. "Roles And Activities Based Implementation Of Idaas Services In Smaller Enterprises And Business Organizations"International Journal of Pure and Applied Mathematics Volume 115 No. 8 2017 , 553-558 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)
11. "Implementation Of Hashed Skyline Algorithm For Better Indexing And Querying Of Data InData Pre-Processing"International Journal of pure Applied Mathematics Volume 115 No. 8 2017, 335-340 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)
12. " A Secure Multi-Variate Routing Framework For Wireless Sensor Network" (IJITR) International Journal Of Innovative Technology And Research Volume No.5, Issue No.3, April – May 2017, 6517-6519.
13. "Performance Analysis of Map Reduce Framework Using Hashed Skyline Algorithm"Journal of ical and Pharmaceutical Sciences ISSN: 0974-2115
14. "Encryption: Multi Keyword Search over Outsourced Cloud Data Using N-Gram " International Journal of Research(IJR), Volume 05 Issue 07 March 2018 , e-ISSN: 2348-6848 p-ISSN: 2348-795X
15. " SAML based context aware IDM a fine-grained proxy re-encryption approach to improve the privacy of users identity data in cloud environment " International Journal of Engineering & Technology (UAE), 7 (2.7) (2018) 108-113 (**SCOPUS INDEXED**) .
16. " A Security on Multi Keyword Search over Outsourced Cloud Data Using N-Gram "International Journal of Research(IJR), Volume 05 Issue 07 March 2018 , e-ISSN: 2348-6848 p-ISSN: 2348-795X
17. " An improved security and privacy management system for data in multi-cloud environments using a hybrid approach" Evolutionary Intelligence(Springer Nature),2021, Special Issue(**FREE SCOPUS/ESCI**)

## List of Papers Published in International Conferences

NIL

## List of Papers Published in National Conferences

S. No.	Name Of The Event	Date Of The Event	Name Of The Organized Body
1	National Conference RACS 2016) from	March 28 <sup>th</sup> -29 <sup>th</sup> 2016	VR Siddhartha Engineering College, KANURU, VIJAYAWADA.

## Achievements / Awards etc

NIL

# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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An ISO 9001-2015 Certified Institution  
GANGURU, VIJAYAWADA-521139



Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	SANDEEP KOTTE
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:kottesandeeep@gmail.com">kottesandeeep@gmail.com</a> & 9160113333
<b>Date of Joining</b>	01-06-2011
<b>Nature of Association</b>	Regular
<b>Department</b>	Computer Science and Engineering
<b>Educational Background</b>	1. Pursuing Ph.D From ANU, Guntur 2. M.S From Alpen Adria University of Klagenfurt, Austria 3. B.Tech From JNTU, Hyderabad
<b>Research Areas</b>	Software Reliability, Software Engineering
<b>Experience</b>	11 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology	Assistant Professor	2011 - till date
2	Transportation Informatics Group, Institute for Intelligent System Technology	Research Assistant	2009 - 2011

### List of Publications (National and International Journals)

1. K. Sandeep, R. Satya Prasad "A Comparative Study of Analyzing Software Reliability with Order Statistics Approach Using ANOM", International Journal of Emerging Trends in Engineering Research ISSN: 2347-3983, Volume-8 Issue-9, September 2020. (SCOPUS)
2. K. Sandeep, R. Satya Prasad "Analyzing software reliability with order statistics approach using ANOM", Journal of Xidian University ISSN: 1001-2400, Volume-14 Issue-7, July 2020. (SCOPUS)

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An ISO 9001-2015 Certified Institution  
GANGURU, VIJAYAWADA-521139

**Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.**  
**Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in**

3. K. Sandeep, R. Satya Prasad "Model Prediction using Correlation in ContrastWith QQ-Plot", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-9, July 2019. (**SCOPUS**)
4. K. Sandeep, R. Satya Prasad "Analysis of Theoretical sampling distributed using combined LPETM and ANOM subgrouping", Journal of Advanced Research in Dynamical and Control Systems (**SCOPUS**) ISSN: 1943-023X, Volume 11 Issue 1, Pages-467-471, May-2019.
5. K. Sandeep "Self-Driving Cars using CNN", Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162 Volume 6 Issue 3- March 2019.
6. K. Sandeep "Automated tool to convert handwritten text image into text", Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162 Volume 6 Issue 3- March 2019.
7. K Sandeep "Promoting Device-to-Device Communication in Cellular Networks by Hashing Techniques" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-2 | Issue-3, April 2018.
8. K. Sandeep "Capturing semantic signals from probabilistic Knowledge base to enrich the short texts", International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS) ISSN: 2321-5461 Volume 5 Issue 6- June 2017.
9. K. Sandeep, "A Novel Approach to Detect and Rectify Skin Distortion Based On A Single Fingerprint Image", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 23 Issue 5 – SEPTEMBER 2016.
10. K. Sandeep, "Characters Recognition of Automobile License Plates On The Digital Image", International Journal of Engineering & Science Research, Vol-5, Issue-5, May 2015, Pages: 302-309, ISSN 2277-2685.
11. K. Sandeep, "Gender-Driven Emotion Recognition System Using Speech Signals For Human Computer Intelligent Interaction", International Journal of Innovative Research in Computer Science & Technology (IJIRCST), ISSN: 2347-5552, Volume-3, Issue-3, May 2015.
12. K. Sandeep, " Discover Allotment Using Virtual Machines", International Journal for Development of Computer Science & Technology (IJDCST), Oct 2014, Issue- V-2, I-7, SW-07, ISSN-2320-7884 (Online), ISSN-2321-0257 .

# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

13. K. Sandeep, "Node Security Mechanisms for Secure Embedded Systems", International Journal of Information & Computation Technology (IJICT), volume. 3, Number 9, pp. 734-736, ISSN 0974-2239, March 2013
14. K. Sandeep, " Extraction Of Visual And Acoustic Features Of The Driver For Real-Time Driver Monitoring," International Journal of Advances in Engineering & Technology (IJAET), vol. 3, Issue 1, pp. 322-333, ISSN 2231-1963, March 2012  
<http://www.archives-ijaet.org/media/3717-IJAET0703732-EXTRACTION-OF-VISUAL.pdf>
15. K. Sandeep, " Secured Auditing of Outsourced Data using Linear Programming in Cloud," (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 3 (4), 2012, 4785 - 4789, ISSN:0975-9646, August 2012.  
<http://www.ijcsit.com/docs/Volume%203/vol3Issue4/ijcsit2012030445.pdf>

## National/International Conferences ((National and International)

1. K. Sandeep, "Extraction of Visual and Acoustic Features of the Program for Monitoring the Driver Ergonomics in Extended Application to Driver Assistance Systems" in 3rd Lakeside International Conference 2010 held at Villach, Austria.
2. K. Sandeep, "Development of a prototype based on the Nintendo Wiimote to enhance standard projector-based presentations with white board functionality", IEEE International Conference on Human Computer Interactions (ICHCI), 23rd & 24th August 2013
3. K. Sandeep, " Smart Doorbell based on Standard Low-Cost Affordable Components", IEEE International Conference on Human Computer Interactions (ICHCI), 23rd & 24th August 2013.

## Achievements / Awards etc

1. Got 1<sup>st</sup> Rank in ANURCET-2015 Ph.D Entrance Exam conducted by Acharya Nagarjuna University, Guntur
2. Letter of **appreciation from IIT Bombay**, for spreading awareness and holding software training workshops at DhaneKula Institute of Engineering & Technology, making an **outstanding contribution of using ICT based teaching and learning methodology for students of DIET**, Andhra Pradesh for AY 2018-19.
3. Certificate of Appreciation for being the **Best Teacher** at Dept. of CSE, DhaneKula Institute of Engineering & Technology for AY 2018-19.

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

4. Certificate of Appreciation for being the **Best Student Mentor** at Dept. of CSE, DhaneKula Institute of Engineering & Technology for AY 2018-19.
5. Certificate of Appreciation for being the **Best Student Mentor** at Dept. of CSE, DhaneKula Institute of Engineering & Technology for AY 2017-18.

## Certification Courses completed/ FDPs attended.

1. Participated in a **'6-day Online Faculty Development Program on Machine Learning and IoT Technologies for environmental Issues'** from 26<sup>th</sup> to 31<sup>st</sup> October 2020 organized by Dept of CSE, PVPSIT, Vijayawada.
2. Participated in the **'5-day online training programme on Effective Teaching learning Strategies in Technical Education.'** Organized by VRSEC in collaboration with AICTE margdharshan from June 22<sup>nd</sup> to 26<sup>th</sup>, 2020.
3. Participated in a **'5-day Online Faculty Development Program on Blockchain Technologies'** organized by Dept of CSE & IT in association with CSI, Gudlavalluru Engineering College from 9<sup>th</sup> June to 13<sup>th</sup> June 2020.
4. Participated in a **'5-day Online Faculty Development Program on Machine Learning'** from 1<sup>st</sup> June to 5<sup>th</sup> June 2020 organized by Dept of CSE, LBRCE Mylavaram.
5. Participated in a **'5-day Online Faculty Development Program on Artificial Intelligence'** from 22<sup>nd</sup> May to 26<sup>th</sup> May 2020 organized by Dept of CSE & IT, BVRIT Hyderabad in association with NYCI & Brainovision Solutions India Pvt.
6. Participated in **'One day Workshop on R'** held at DhaneKula Institute of Engineering & Technology, Vijayawada on 09<sup>th</sup> November 2019. This training was organized by the Teaching Learning Center ICT, at IIT Bombay.
7. Certificate of Appreciation for participating in **Internship Day held at AICTE Headquarters**, New Delhi on 25<sup>th</sup> August 2019.
8. Successfully completed 12 weeks NPTEL online certification course **"Joy of Computing using Python"** and obtained **Elite+Silver** Grade, Jan to Apr 2019
9. **Workshop Coordinator** for the blended mode workshop on Moodle **Learning Management conducted by IITBombay** at DhaneKula Institute of Engineering & Technology on March 15<sup>th</sup>, 2019 under the National Mission on Education through ICT, MHRD, New Delhi.

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

10. Participated one day Coordinators' Workshop on the "**Moodle Learning Management System**" held at Indian Institute of Technology Bombay, on 1 March 2019.
11. Successfully completed 10 weeks IITBombay online MOOCs "**Pedagogy for Online and Blended Teaching-Learning Process- FDP201x**", JAN-2019
12. Successfully completed 6 weeks IITBombay online MOOCs "**Foundation Program in ICT for Education- FDP101x**", OCT-2018.
13. Participated one day seminar on "**Digitization vs Digital Based Analysis**" in collaboration with TCS under AICTE Margdarshan held on 31<sup>st</sup> October 2018 organized by the Dept. of CSE, VRSEC.
14. Convener of the **International Conference on Recent Advances in Computer Science and Communication Technology (ICRCST-18)** held at DhaneKula Institute of Engineering & Technology on 6<sup>th</sup> & 7<sup>th</sup> April 2018.
15. Participated in one week Faculty Development Programme(FDP) on "**IOT & Analytics**" organized by the E&ICT Academy, NIT Warangal at the Dept. of CSE, DhaneKula Institute of Engineering & Technology from 21<sup>st</sup> to 26<sup>th</sup> October 2017.
16. Participated in two-day Faculty Improvement Program on **AWS Technical Essentials** which was jointly conducted by AWS and APSSDC from 12<sup>th</sup> & 13<sup>th</sup> October 2017.
17. Participated in three-day Faculty Development Programme (FDP) on "**Big Data Analytics & Computer Forensics**" at the Dept. of CSE, DhaneKula Institute of Engineering & Technology on 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> May 2016.
18. Successfully completed the training in **IBM SEED Program** at DhaneKula Institute of Engineering & Technology from 8<sup>th</sup> to 10<sup>th</sup> October 2015.
19. Participated in the **Entrepreneurship Awareness Programme** organized by the centre for Entrepreneurship Development held on 20<sup>th</sup> & 21<sup>st</sup> June 2014, at DhaneKula Institute of Engineering & Technology

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## PG Projects Guided: 4

S. No	Name of the Student	Project Title	Year of Passed
1	E.Navya Sree	Capturing semantic signals from probabilistic knowledge base to enrich the short texts	2017
2	Angadala Bharghavi	A novel approach to detect and rectify skin distortion based on a single fingerprint image	2016
3	Rajasekhar Junjunuri	Characters recognition of automobile license plates on the digital image	2015
4	M.Ratna Kumari	Discover allotment using virtual machines	2014

## UG Projects Guided: 10

### Professional Memberships:

S. No	Name of the Society	Membership No
1	Computer Society of India, CSI	F8000579
2	The Indian Society for Technical Education, ISTE	LM-121089
3	International Association of Engineers, IAENG	M-211322
4	International Computer Science and Engineering Society, ICSES	M-2450


Sandeep Kotte



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

		FACULTY PRPROFILE		
<b>Name of the Faculty</b>		L.N.B.Jyotsna		
<b>Designation</b>		Assistant Professor		
<b>Email &amp; Phone No</b>		ljyotsna2002@gmail.com		
<b>Date of Joining</b>		03/6/2011		
<b>Nature of Association</b>		Regular		
<b>Department</b>		Computer Science and Engineering		
<b>Educational Background</b>		D.E.C.E		
		A.M.I.E		
		M.Tech		
<b>Research Areas</b>				
<b>Experience</b>		9Years 11 months		
	<b>Sno</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2011-tilldate

### List of Publications (National and International Journals)

1. **L.N.B.Jyotsna**, "Utilization of Timestamp Records For An Hospital Centralization With Consideration of Emergency Cases", ICCSE April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5
2. L.Anusha, **L.N.B.Jyotsna** "MAXIMUM UTILITY SETS USING DATA STREAMS", IJESR/May 2015/ Vol-5/Issue-5/380-384
3. A. SHAIK , **L.N.B. JYOTSNA** "Efficient and Persistent Profile Matching in the Proximity Mobile Social Networks", E-ISSN: 2347-2693, Volume-2, Issue-7, July 2014,PP:71-74
4. T.Lavanya, L.N.B Jyotsna "AN EFFICIENT MANNET P2P HYBRID TOPOLOGY FOR SUPPORTING", IJRRECS/August 2017/Volume-5/Issue-8/7432-7437
5. P SIRI CHANDANAAN, L.N.B Jyotsna "EFFICIENT CLASSIFICATION MODEL FOR PLANT DISEASE" JETIR Volume 6 Issue 3 , March-2019.
6. K Akansha L.N.B Jyotsna "SMART IRRIGATION AND DRAINING SYSTEM USING IOT "IRJET Volume: 07 Issue: 03| Mar2020.

### National/International Conferences ((National and International)

1. Phani Kishore Rompicharla, Voddi Swathi, Lanke Naga Baby Jyotsna, Kanakollu Naga Sai Deepika, " Utilization of Timestamp Records for a Hospital Centralization With Consideration of Emergency Cases", International Conference on Computer Science and Engineering - April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5.

**Achievements / Awards etcNIL**




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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842/

43. Email: dietoffice2009@rediffmail.com; URL:

www.diet.ac.in

FACULTY PRPOFILE				
<b>Name of the Faculty</b>	Swathi Voddi			
<b>Designation</b>	Asst.Professor			
<b>Email &amp; Phone No</b>	<a href="mailto:Potluri.swathi@gmail.com">Potluri.swathi@gmail.com</a> 9985304787			
<b>Date of Joining</b>	04-06-2011			
<b>Nature of Association</b>	Regular			
<b>Department</b>	Computer Science & Engineering			
<b>Educational Background</b>	B.Tech, M.Tech			
<b>Research Areas</b>	Machine Learning,IOT			
<b>Experience</b>	13 years			
	<b>S.No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	1	DhaneKula Institute Of Engineering & Technology	Asst.Professor	04-06-2011 to Till Date
	2	RK College Of Engineering	Asst.Professor	10-10-2010 to24-05-2011
	3	Nimra College Of Engineering & technology	Asst.Professor	20-01-2007 to 23-09-2010

### List of Publications (National and International Journals)

1. Mrs.V.Swathi<sup>1\*</sup> , M.Anusha<sup>1</sup>, K.Sonika<sup>2</sup>, B.T.R.Adithya<sup>3</sup>, E.Jasmine<sup>4</sup> "HOSTILE TO RIGGING VOTING SYSTEM USING FINGER PRINT" IRJET Volume: 07 Issue: 03 | Mar 2020(e-ISSN: 2395-0056, p-ISSN: 2395-0072)
2. <sup>1</sup>V. Swathi, <sup>2</sup>A. Sri Harsha, <sup>3</sup>J. Sri Sai Jyothsna, <sup>4</sup>N. Vinay, <sup>5</sup>S. Sai Dutt "Pragmatic Revival Of Documents In Cloud Computing Utilizing Attributebased Encryption " JETIR March 2019, Volume 6, Issue 3 (ISSN-2349-5162).
3. <sup>1</sup>Swathi Voddi ,<sup>2</sup>Phani Sri Koritala,<sup>3</sup>Priya Darshini Muchu "Anticipating Advertisement Visibility using Prospective Representation" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-2 | Issue-3, April 2018, pp.1348-1350.
4. Trumani Durga Hemanth Kumar<sup>1</sup> , Praneetha Surapaneni<sup>2</sup>, Swathi Voddi<sup>3</sup> "ABE: Enhanced efficient user Revocation Mechanism" IJDCST @ Dec-2017, Issue- V-5, I- 8, SW-11.
5. Sundeep Uppaleti<sup>1</sup>, INB.Jyotsna<sup>2</sup>, Swathi Voddi<sup>3</sup> , "File Sharing System in P2P with Access Availability for Soial Networks using Node Storage and Meeting Frequency ", IJDCST @ Dec-2017, Issue- V-5, I-8, SW-12.

6. Swathi Voddi<sup>1</sup>, Santhi Chavala<sup>2</sup>, Prof.S.V.Achutha Rao<sup>3</sup>, " A Secure Online Application Safeguarding Data with Steganography based Watermarking", IJCTT – volume 18 Number 1 Dec 2014.

### **National/International Conferences ((National and International))**

1. Attended one day National Conference on Computing & Information Technology in Association with International Journal for Modern Trends in Science and technology has presented a paper on "Analytics On Congruity Of Earth Movers Coverage" Organized by Andhra Loyola Institute Of Engineering and Technology, Vijayawada.
2. Phani Kishore Rompicharla, Voddi Swathi, Lanke Naga Baby Jyotsna, Kanakollu Naga Sai Deepika, " Utilization of Timestamp Records for a Hospital Centralization With Consideration of Emergency Cases", International Conference on Computer Science and Engineering - April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5.

### **Memberships:**

1. Acting as a life member in IAENG
2. Acting as an IFERP member

### **Participation:**

1. Participated in five day Faculty Development Program on Wearable devices conducted by AICTE Training And Learning (Atal) Academy from 1-2-2021 to 5-2-2021.
2. Participated in five day Faculty Development Program on EMERGING TECHNOLOGIES IN HEALTHCARE: IOT,AI, COMPUTATIONAL NEUROSCIENCE, WEARABLE TECHNOLOGIES conducted by AICTE Training And Learning (Atal) Academy from 18-01-2021 to 22-01-2021.
3. Participated and completed one and half week Faculty Development Programme on 'THE JOY OF COMPUTING USING PYTHON' conducted by NPTEL-AICTE from JUL-OCT 2019.
4. Participated and completed half week Faculty Development Programme on 'PYTHON FOR DATASCIENCE' conducted by NPTEL-AICTE from JUL-OCT 2019.
5. Participated in 'One day Workshop on R' held at Dhanekula Institute Of Engineering and Technology, Vijayawada on 9<sup>th</sup> Nov,2019.
6. Participated in five day Faculty Development Program on a course Artificial Intelligence held at VVIT, Nambur conducted by Dr.Rao Vemuri, University Of California, Davis from 23<sup>rd</sup> Sept'19 to 27<sup>th</sup> Sept'19 .
7. Participated in One day workshop on 'Moodle Learning Management System' held on 15 March 2019 at the Dhanekula Institute Of Engineering and Technology, Vijayawada.
8. Participated in six day Faculty Development Program on "Challenges and Security Issues in Big Data, Cloud and Mobile Computing " organized by Department of Information Technology, V.R. Siddhartha Engineering College, Vijayawada from 18<sup>th</sup>-20<sup>th</sup> & 24<sup>th</sup>-26<sup>th</sup> Mar 2017.
9. Participated in Three-day Faculty Development Program on "BIG DATA ANALYTICS AND COMPUTER FORENSICS" held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> May 2016 organized by Department of Computer science & Engineering, Dhanekula Institute of Engineering and Technology, Vijayawada.
10. Participated in Five-day Faculty Development Program on "Python and R Programming" held on 26<sup>th</sup> -31<sup>st</sup> December 2016,organized by Electronics & ICT Academy in Dhanekula Institute of Engineering and Technology, Vijayawada.
11. Participated in three day hands on session on "IBM SEED Program" held on 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> October,2015 organized by IBM Software group in Dhanekula Institute Of Engineering & Technology, Vijayawada.
12. Participated in two day workshop on "Cloud Computing with Microsoft Azure" held on 28<sup>th</sup> and 29<sup>th</sup> April,2015 organized by Department of Computer Science & Engineering, Bapatla Engineering College , Bapatla.
13. Participated in one day workshop on "LATEX" organized by Department Of Computer Science & Engineering in Dhanekula Institute of Engineering & Technology.

### **Certifications:**

1. Completed NPTEL online certification course on 'The Joy Of Computing Using Python' with a consolidate score of 84% from JUL-OCT 2019.
2. Completed NPTEL online certification course on Python For Data Science' with a consolidate score of 65% from JUL-OCT 2019.

**Organized:**

1. Acted as Coordinator for three day Hands on session on "IBM SEED Program" organized by Department Of Computer Science & Engineering in Dhanekula Institute of Engineering & Technology, Vijayawada
2. Acting as a Purchase committee coordinator and canteen committee coordinator.

**Achievements / Awards etc**

1. Ratified from JNTUK, Kakinada in the year 2014.



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

<b>Name of the Faculty</b>	Phani Kishore Rompicharla
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	phani.rompicharla@gmail.com & 9490716662
<b>Date of Joining</b>	28/10/2011
<b>Nature of Association</b>	Regular
<b>Department</b>	Computer Science and Engineering
<b>Educational Background</b>	1. M.Tech From JNTU, Kakinada 2. B.Tech From JNTU, Hyderabad
<b>Research Areas</b>	Network Security, Artificial Intelligence and Opinion Mining
<b>Experience</b>	08 Years



Sl. No	Institute	Designation	Period
1	Sri Vasavi Engineering College	Asst. Prof	July 2008 - Oct 2010
2	DhaneKula Institute of Engineering & Technology	Asst. Prof	28 <sup>th</sup> Oct 2011 - till date

### List of Publications (National / International Journals)

NIL

### National/International Conferences ((National and International)

1. Published “**Ranking and Suggesting Popular Itemsets in Mobile Stores Using Modified Apriori Algorithm**” in International Conference on Computer Science and Engineering - April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5.



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2. Published **“Utilization of Timestamp Records For An Hospital Centralization With Consideration of Emergency Cases”** in International Conference on Computer Science and Engineering - April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5.
3. Published **“A Heuristic AO Star Approach for Decision Tree Induction”** in International Conference on Computer Science and Engineering - April 28th, 2012 – Vizag - ISBN: 978-93-81693-57-5.
4. Published **“Node Security Mechanisms for Secure Embedded Systems”** in Innovative Trends in Information Technologies and Computing Sciences for Competitive World Order on 2nd-3rd March 2013 at Jawaharlal Nehru University, New Delhi.
5. Published **“INFORMATION SECURITY USING HUMAN VISUAL SYSTEM MODELIN STAGNOGRAPY APPLICATIONS”** in International Journal of Research in Computer Science & Engineering IJRCSE Vol 4, Issue 4, July-Aug,2014 with ISSN: 2321-5585 (Online) & ISSN: 2321-0338(Print).
6. Published **“PRIVACY PRESERVING COMPLEMENTED COLLABORATIVE TAGGING BY USING FUZZY LINGUISTIC MULTI AGENT MODEL FOR INFORMATION GATHERING ON THE WEB”** in 7<sup>th</sup> international conference on Cloud Computing Computer Science and Advances in Information Technology ICCCCIT 2015 with ISBN: 978-93-85225-35-2, 21<sup>st</sup> June, 2015, Vizag.
7. Published **“CYNICAL EMAIL PERCEPTION”** in A Two Day National Conference on ‘Recent Trends in Cyber Security’ sponsored by Department of Science & Technology on March 28<sup>th</sup> and 23<sup>th</sup> 2016, conducted by Dept. of CSE, VRSEC, Vijayawada.

## Achievements / Awards etc

1. SUN CERTIFIED JAVA PROGRAMER (5.0) with **75%**.

Phani Kishore Rompicharla



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FACULTY PRPOFILE			
<b>Name of the Faculty</b>	Buragadda Swathi		
<b>Designation</b>	Asssitant Professor		
<b>Email &amp; Phone No</b>	buragaddaswathi@gmail.com & 9703003796		
<b>Date of Joining</b>	01-June-2013		
<b>Nature of Association</b>	Regular		
<b>Department</b>	Computer Science and Engineering		
<b>Educational Background</b>	1. M.Tech from , JNTUK		
	2. B.Tech from JNTUK		
<b>Research Areas</b>	Machine Learning		
<b>Experience</b>	10 Years		
Sl. No	Institution	Designation	Period
1	Dhanekula Engineering College	Asst.Prof	2013-till
2	NRI institute of engineering and technology	Asst.Prof	2011-2013
3	Sri vasavi college of engineering	Asst.Prof	2010-2011



### List of Publications (National and International Journals)

1. Published a paper in IRJET(Volume-7,Issue 3,March2020) on the topic “Gender and Age prediction Using Deep Learning “
2. Published a paper in JETIR((volume-6,Issue 3, March 2019) on the topic “ smart Garbage Monitoring system using IOT”
3. Published a paper in JETIR((volume-6,Issue 3, March 2019) on the topic “ an efficient approach for passworsd sharing using blaock chain technolohy Monitoring system using IOT”
4. Published a paper in IJR((volume-5,Issue 7 , March 2018) on the topic “ A secure enhancement on cloud using AIBE”
5. Published a paper in IJTR((volume-5,Issue 3, April-May 2017) on the topic “ A secure Multi-Variate Routing Framework for wireless sensor Network”
6. Published a paper in IJCSM((volume-3,Issue 4, April-May 2017) on the topic “Cloud based Administration inSaaS with Customized Calibration in Securty Aspects”
7. Published a paper in IJDCST (volume-3,Issue 1,Dec 2013) On the topic "secure transaction on wireless sensor networks with accurate mobile hops"



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8. Published a paper in IJGIP(volume 2,issue 2,may 2012) on the topic "A Framework For Mining Evolving User Profile on Web Usage"
9. Published a paper in IJGIP(volume 2,issue 2,may 2012) on the topic "Improving Semantic Web Service Composition Performance Using Apriori Algorithim"
10. Published a paper in AJCSIT(volume 2,issue ,June2012) on the topic "A REVIEW ON STEGANOGRAPHY USING IMAGES"

## National/International Conferences ((National and International)

NIL

## Achievements / Awards

NIL

Swathi.B




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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE				
<b>Name of the Faculty</b>	M. Hima Jyothi			
<b>Designation</b>	Asst.Professor			
<b>Email &amp; Phone No</b>	himajagutta@gmail.com 9000800892			
<b>Date of Joining</b>	17-06-2013			
<b>Nature of Association</b>	Regular			
<b>Department</b>	Computer Science & Engineering			
<b>Educational Background</b>	B.Tech, M.Tech			
<b>Research Areas</b>				
<b>Experience</b>	7years 10 months			
	<b>S.No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	1	DhaneKula Institute Of Engineering & Technology	Asst.Professor	17-06-2013 to Tilldate

### List of Publications (National and International Journals)

1. Mrs.M.Hima Jyothi, D.Sasi Pavan, V.Prathyusha, CH.Sowmya, K.Sai Varsha , " IOT BASED SMART PARKING SYSTEM " 2019 JETIR March 2019, Volume 6, Issue 3 www.jetir.org (ISSN-2349-5162)
2. Dittakavi.Hemasri Saranya,Guttikonda.Nikhitha,Hima Jyothi.Madala "A NOVEL APPROACH FOR USING DATA REDUCTION TECHNIQUES AND IMPROVE EFFECTIVE BUG TRIAGE" IJDCST/Feb-March,-2018, Issue- Volume-6, Issue-2, SW- 07, ISSN-2320-7884 (Online) ISSN-2321-0257 (Print).
3. Annapareddy.Aarija Reddy,Madala.Anil Swamy,Hima Jyothi.Madala "BUG DIMENSION: A SURVEY ON EFFECTIVE BUG TRIAGE WITH DATA REDUCTION TECHNIQUES" IJDCST/Feb-March,-2018, Issue- V-6, I-2, SW-08 ISSN- 2320-7884 (Online) ISSN-2321-0257 (Print).
4. Hima Jyothi Madala, Dr. G.V.S.N.R.V.Prasad "A New Decision Tree Classifier For Mining Huge Dataset" International Journal of Emerging Trends in Engineering and Development, Issue 2,Vol.6 (September 2012), ISSN 2249-6149.
5. Vemuri Purnima\*1 , Madala HimaJyothi "SECURED PROFILE MATCHING IN SOCIAL NETWORKS USING MACHINE LEARNING" IJESR/June 2015/ Vol-5/Issue-6/591-598 ISSN2277-2685.

### National/International Conferences ((National and International)

1. Attended one day National Conference on Computing & Information Technology in Association with International Journal for Modern Trends in Science & Technology has presented a technical paper entitled"Analytics on Congruity of Earth Movers Coverage".

### Achievements

- o Working as ISO Coordinator in CSE Dept, DIET.
- o Working as NBA Coordinator.




# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 /

43. Email: dietoffice2009@rediffmail.com; URL:

www.diet.ac.in

		FACULTY PROFILE		
<b>Name of the Faculty</b>		Naga Sindhu Sunkara		
<b>Designation</b>		Assistant Professor		
<b>Email &amp; Phone No</b>		<a href="mailto:nagasindhu545@gmail.com">nagasindhu545@gmail.com</a> 9949726789		
<b>Date of Joining</b>		01-07-2014		
<b>Nature of Association</b>		Regular		
<b>Department</b>		Computer Science & Engineering		
<b>Educational Background</b>		Registered for PhD at Acharya Nagarjuna University (ANU) in September 2020 under the guidance of Dr. R.Satya Prasad, Professor, Dept of CSE.		
		M.Tech in Computer Science & Engineering, vignan University, 2011		
		B.Tech in Computer Science & Engineering, Nova College of Engineering & Technology, 2009.		
<b>Research Areas</b>		Artificial Intelligence , Machine Learning, Networks		
<b>Experience</b>		Years Months		
	<b>Sl. No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	1	Dhanekula Institute of Engg &tech	Assist Prof	2014-till date
	2	Bapatla Engg College	Assist Prof	2011-2014

### List of Publications (National and International Journals)

1. Naga sindhu S, "Benefits and Barriers of adopting Cloud Computing", IJMSET, Volume 1, Issue 6, 2014, pp 117-123.
2. Sunkara Naga Sindhu, "IMAGE RETRIEVAL BY USING DIGITAL IMAGE PROCESSING AND GA", IJESR, May 2015, Vol-5, Issue-5, 322-327
3. S.Naga Sindhu, " BOAT SHRINKING ALERT SYSTEM USING IOT", IRJET, Volume 07, Issue 03, March 2020.

## **Certification's / Fdp's**

- Completed NPTEL online certification course on 'Software Engineering' with a consolidate score of 57% from JUL-OCT 2019.
- Successfully Completed Coursera Certification on 'Programming for Everybody (Getting Started with Python)'.
- Participated in One-week Faculty Development Program on "ICT TOOLS" in association with STP-IIT Bombay during 11-16 MAY,2020 organized by department of Information Technology, Sree Vidhyanikethan Engineering College.
- Participated in Five-day Faculty Development Program on "Cyber Security" organised by department of Computer Science and Engineering, in association with Supraja Technologies held from 2nd june to 6th, 2020.
- Attended Faculty Development Program on " APPLIED MACHINE LEARNING & DEEP LEARNING" held from June 15th,2020 to June 20th, 2020 ,by APSSDC.
- Attended Faculty Development Program on "MACHINE LEARNING" Organised by department of Computer Science from 07-06-2020 to 09-06-2020.
- Participated in Five-day Faculty Development Program on "Python and R Programming" organized by Electronics & ICT Academy in Dhanekula Institute of Engineering and Technology, Vijayawada from 26- 12-2016 to 31-12-2016.
- Attended Faculty Improvement Program (FIP) on Cloud Computing , organized by APSSDC (Andhra Pradesh State Skill Development Corporation) conducted at VVIT, Nambur from 22<sup>nd</sup> to 25<sup>th</sup> Sep 2016.
- Attended Faculty Development Program on "Outcome Based Education" jointly organized by Electronics & ICT Academy, NIT, Warangal & Dhanekula Institute of Engineering and Technology, Vijayawada, during 06-06-2016 to 11-06-2016.
- Participated in Three-day Faculty Development Program on "BIG DATA ANALYTICS AND COMPUTER FORENSICS" held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> May 2016 organized by Department of Computer science & Engineering, Dhanekula Institute of Engineering and Technology, Vijayawada.
- Attended Faculty Development programme on "PROFESSIONAL CORE OF IT", organized by Department of Information Technology, Prasad V. Potluri Siddhartha Engineering College, Vijayawada, from 21-01-2016 to 23-01-2016.
- Participated in Two-day workshop on "Software Testing Methodologies" held on 11<sup>th</sup> and 12<sup>th</sup> August 2014, organized by Department of Information Technology, V.R. Siddhartha Engineering College, Vijayawada.




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Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE					
<b>Name of the Faculty</b>		N.Srilakshmi			
<b>Designation</b>		Assistant professor			
<b>Email &amp; Phone No</b>		9652034969 <a href="mailto:srilakshmi@diet.ac.in">srilakshmi@diet.ac.in</a>			
<b>Date of Joining</b>		1/07/2014			
<b>Nature of Association</b>		Regular			
<b>Department</b>		CSE			
<b>Educational Background</b>		M.Tech. in Computer science from VRSEC			
		B.Tech. in Information Technology (Nova College of Engg & Tech for women)			
<b>Research Areas</b>		Data Mining, Network Security			
<b>Experience</b>		7			
	<b>Sl. No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>	
	1	Dhanekula Institute of Eng&Tech	Assistant prof	2014-Till Date	

### List of Publications (National and International Journals)

1. Mrs.N.Srilakshmi “WIRELESS DIGITAL NOTICE BOARD”, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 03 | Mar 2020.
2. Mrs.N.Srilakshmi “AN IMPROVED IP TRACEBACK MECHANISM FOR NETWORK SECURITY”, International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 08 | Aug-2013.

## **Participation:**

1. Participated in Five-day Faculty Development Program on "Python and R Programming" organized by E& ICT Academy in Dhanekula Institute of Engineering & Technology Vijayawada from 26-12-2016 to 31-12-2016.
2. Participated in Three-day Faculty Development Program on "BIG DATA ANALYTICS AND COMPUTER FORENSICS" held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> May 2016 organized by Department of Computer science & Engineering, Dhanekula Institute of Engineering and Technology, Vijayawada.
3. Participated in Two-day Faculty Development Program on "AWS Technical Essentials" held on 12-10-2017 to 13-10-2017 jointly conducted by AWS and APSSDC, Vijayawada.
4. Participated in Five-day Faculty Development Program on "DATA ANALYSIS USING OPEN SOURCE STATISTICAL PACKAGE USING R" held on 27-11-2017 to 2-12-2017 organized by Department of Information Technology, VRSEC, Vijayawada.
5. Participated in one-week Faculty Development Program on "DATA SCIENCES" held on 12-11-2018 to 16-11-2018 organized by Department of Computer science & Engineering, VRSEC, Vijayawada
6. Participated in One-day workshop on "R" held on 9<sup>th</sup> NOV 2019 conducted by IIT Bombay and organized by Department of Computer science & Engineering, Dhanekula Institute of Engineering and Technology, Vijayawada.
7. Participated in "Joy Of Computing using Python" NPTEL Certification course in Nov 2019 and completed FDP Course.
8. Completed "Python Programming For Everybody" Course era Certification course in Nov 2020 and completed FDP Course.
9. Participated in one-week Faculty Development Program on "ICT TOOLS" held on 11-05-2020 to 16-05-2020 organized by Department of Computer science & Engineering, Sri Vidyanekeethan Engineering college in association with STP-IIT Bombay, Vijayawada
10. Participated in 60 contact hours and completed Faculty Development Program on "AI and Deep Learning" held on 1st July 2020 to 28th July 2020 organized by APSSDC.
11. Participated in 24 contact hours and completed Faculty Development Program on "Applied ML and Deep Learning" held on 15 June 2020 to 20 June 2020 organized by APSSDC.
12. Participated in Webinar conducted by IFERP on topic of "AI getting used in impact of covid-19" held on 14 June 2020
13. Participated in Webinar conducted by IFERP on topic of "Knowledge sharing on A-Z of Journal publication" held on 15 June 2020.
14. Participated in Webinar conducted by IFERP on topic of "Research Article Writing And Publishing On Good Impact Journal" held on 13 June 2020.
15. Participated in Webinar conducted by IFERP on topic of "Virtual Interactive Classroom For Teachers And The Challenging Technologies In Post-Covid Era" held on 05 June 2020.

## **National/International Conferences ((National and International))**

**NIL**

## **Achievements / Awards etc**

**NIL**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

Name of the Faculty: V.V.R.MANOJ

Designation: Assistant Professor

Email & Phone No: [Manoj.professorcse@gmail.com](mailto:Manoj.professorcse@gmail.com) & 8374970121



Date of Joining Department 02-07-2014  
Computer Science and Engineering

Nature of Association Regular

Educational Background

1. Pursuing Ph.D From VIT-AP, Inavolu, Amaravati
2. M.B.A (H.R.M) From ANUCDE, Guntur
3. M.Tech (CSE) From JNTU, Kakinada
4. B.Tech (CSE) From ANU, Guntur

Research Areas Software Engineering & Reliability, Computer Networks & Security, E-commerce Etc

Experience 10 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Engineering College	Asst.Prof	2014 - till date
2	MIC Engineering College	Asst.Prof	2013 - 2014
3	Vijaya Inst.Of Engg. & Tech	Asst.Prof	2012 - 2013
4	Nalanda institute of Engineering & Technology	Asst.Prof	2009-2010

### List of Publications (National and International Journals):

- ❖ V.V.R.Manoj” Bus Indication for Blind People using RFID & Raspberry Pi” **International Research Journal of Engineering and Technology (IRJET)**, Volume: 07 Issue: 03 , e-ISSN: 2395-0056, p-ISSN: 2395-0072, Mar 2020.
- ❖ V.V.R.Manoj “Efficient Key Word Aware Representative Travel Route Recommendation ” **Journal of Emerging Technologies and Innovative Research (JETIR)**, Volume- NO.6, Issue-3, ISSN: 2349-5162, March 2019
- ❖ V.V.R.Manoj “A survey on Machine Learning Techniques For Bankruptcy Prediction ” **Int. J. of trend in scientific research in Computer science Applications and management studies (IJSRCSAMS)**, Volume- NO.7, Issue-4, ISSN: 2319-1953, July 2018



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

- ❖ V.V.R.Manoj “outlier Detection Reverse Nearest Neighbor for unsupervised Data” **Int. J. of trend in scientific research and Development (IJTSRD)**, Volume- NO.2, Issue-3, ISSN: 2456-6470, March-April 2018
- ❖ V.V.R.Manoj “Enhanced Face Recognition based on PCA and SVM” **Int. J. of Computer Applications (IJCA)**, Volume 117- NO.2, ISBN: 973-93-80886-46-3, May 2015.
- ❖ V.V.R.Manoj “Extensible And Privacy Distribution Phi In Cloud Computing Using Hierarchical Attribute-Based Encryption”, **Int. J. of Engineering & Science Research (IJESR)**, Vol-5/Issue-5/316- 321, ISSN 2277-2685, May 2015.
- ❖ V.V.R.Manoj “Privacy- Process Public Auditing & Documents Purity for Secure Cloud Storage”. **Int. J. for Advanced Research in Computer Science and Software Engineering(IJARCSSE)**, Volume 4(10), ISSN: 2277 128X, October 2014
- ❖ V.V.R.Manoj et al. “A Novel Interval Type-2 Fuzzy Software Effort Estimation Using Takagi-Sugeno Fuzzy Controller”. **Int. J. Modern Engineering Research. (IJMER)**, Vol 2 (5), 3245-3247, ISSN: 2249-6645, SEP-OCT 2012.

## PROFESSIONAL MEMBERSHIPS:

S. No	Name of the Society
1.	The Indian Society for Technical Education, ISTE Life Member (Membership Number <b>LM11690</b> ).
2.	International Association of Engineers, IAENG Life Member (Membership Number <b>188412</b> ).
3.	Institute For Engineering Research and Publication, IFERP Member (Membership Number <b>16450398</b> ).

## Certification Courses completed/ Faculty Development Programs (F.D.P s) attended:

- ❖ Completed Two weeks APSSDC online FDP on “Entrepreneurship” ,Sponsored by DST from 15-03-2021 to 27-03-2021
- ❖ Completed **IIC(Institutions innovation Council)** 12 online sessions by MHRD Innovation cell on Entrepreneurship, innovation during Covi-19 national wide lockdown 28<sup>th</sup> April to 22<sup>nd</sup> may 2020
- ❖ Completed 5 day FDP on **AI(Artificial Intelligence)** from 22<sup>nd</sup> may to 26<sup>th</sup> may conducted by BVRIT, HYD
- ❖ Participated in **IPR(Intellectual Property Rights) Workshop** Conducted on 11<sup>th</sup> & 12<sup>th</sup> April 2020
- ❖ Successfully completed 04 **Coursera** Certification programs During March 2020 to May 2020



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- ❖ Successfully completed 10 weeks **IIT Bombay** online MOOCs "**Pedagogy for Online and Blended Teaching-Learning Process- FDP201x**", JAN-2019
- ❖ Successfully completed 6 weeks IITBombay online MOOCs "**Foundation Program in ICT for Education- FDP101x**", OCT-2018
- ❖ Participated in Six days Faculty Development Programe(FDP) on "**IOT & Analytics**" organized by NIT Warangal at DhaneKula Inst Of Engg. & Tech from 21<sup>st</sup> to 26<sup>th</sup> October 2017
- ❖ Participated in i2E(International institute of Entrepreneurship Development) Entrepreneurship boot camp held on 8<sup>th</sup> August 2017
- ❖ Participated in Six days Faculty Development Programe(FDP) on "**Machine Learning**" organized by NIT Warangal at Vignan's Lara ,Vadlamudi,Guntur From 29<sup>th</sup>April to 04<sup>th</sup> May 2017
- ❖ Participated in Six days Faculty Development Programe(FDP) on "**Python & R-programming**" organized by NIT Warangal at DhaneKula Inst Of Engg. & Tech from 26<sup>th</sup> to 31<sup>st</sup> December 2016.
- ❖ Participated in three day Faculty Development Programe(FDP) on "**Advancements In Cloud Computing services And Its Applications**" at Andhra Loyola Institute Of Engineering And Technology From 17<sup>th</sup> to 19<sup>th</sup> Nov 2016
- ❖ Participated in three day Faculty Development Programe(FDP) on "**Big Data Analytics And Computer Forensics**" organized by NIT Warangal at DhaneKula Inst Of Engg. & Tech from 2<sup>nd</sup> to 4<sup>th</sup> may 2016.
- ❖ Participated in IBM Three Day workshop on "**Rational Software**" at DhaneKula Inst of Engg. & Tech from 8<sup>th</sup> to 10 October 2015
- ❖ Attended 2-Day workshop on "**Entrepreneurship 101 Mobile Application Development**" conducted by K.L.University, Vijayawada on 9<sup>th</sup> January 2015.
- ❖ Participated in the **Entrepreneurship Awareness Programme** organized by the centre for Entrepreneurship Development held on 20<sup>th</sup> & 21<sup>st</sup> June 2014, at DhaneKula Institute of Engineering & Technology

## PG Projects Guided: 02

S. No	Name of the Student	Project Title	Year of Passed
1	Mrs.J.Jhansi	Extensible And Privacy Distribution Phi In Cloud Computing Using Hierarchical Attribute Based Encryption	2015
2	Mr.K.Nagendra Nath	Privacy Process Public Auditing & Documents Purity For Secure Cloud Storage	2014

## UG Projects Guided: 10



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Achievements / Awards etc

- Identified as “**Best Mentor**” for the Academic Year 2018-19 at DhaneKula Institute of Engineering & Technology
- Awarded With“ **Best Teacher**” at DhaneKula Institute of Engineering & Technology for AY 2017-18
- **Ratified** by JNTUK in the year 2014 As Assistant professor

V.V.R.MANOJ




## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada – 521 131. Phone: 0866 – 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

		<b>FACULTY PRPOFILE</b>			
<b>Name of the Faculty</b>		Kodali Sandhya Rani			
<b>Designation</b>		Asst.Professor			
<b>Email &amp; Phone No</b>		kodalisandhyarani@gmail.com 9885420222			
<b>Date of Joining</b>		02/07/2014			
<b>Nature of Association</b>		Regular			
<b>Department</b>		Computer Science & Engineering			
<b>Educational Background</b>		B.Tech, M.Tech			
<b>Research Areas</b>		Data Mining, Software Engineering			
<b>Experience</b>		8 years			
	<b>S.No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>	
	1	Dhanekula Institute Of Engineering & Technology	Asst.Professor	02-07-2014 to Till Date	
	2	Sarojini Institute of Engineering & Technology	Asst.Professor	Nov 2012 to Oct 2013	

### Paper Publications

- Potential Role of Social Networks In Health Care Information Exchange, International Journal of Computer Applications 58(7): 38-42vol 1.9 - 2012.
- Classification of Vertebral Column using Naïve Bayes Technique, International Journal of Advance Research in Computer Science and Software Engineering volume 58(7) : 38-42 , 9298-3514
- Effective Service Oriented Architecture for Interoperability of e-Services, Journal of Global Research in Computer Science SSN:2277 B128X, Volume-4,Issue 8,August- 2014.
- An Effective global face name matching framework using error correcting graph matching algorithm, Volume 6, No.8, August 2015, journal of global search in computer science, ISSN-2229- 371X
- IOT Based Accident Alert and Real Time Vehicle Tracking Using GSM & GPS, 2019 JETIR ,March 2019, Volume 6, Issue 3 (ISSN-2349-5162)
- E- Bus Pass, 2019 JETIR March 2019, Volume 6, Issue 3, (ISSN-2349-5162)
- Classification And Prediction For Hospital Admissions Through Emergency Department , IRJET e-ISSN: 2395-0056 Volume: 07 Issue: 03 | Mar 2020

## **Certification / Training / Computer Skills acquired**

- Participated in One week workshop on 'Data Structures' organized by LBRCE from 8th Dec to 12th Dec,2014.
- Participated in IBM SEED Program , 3 Day workshop organized by Dhanekula Institute of Engineering & technology from 08/10/2015 to 10/10/2015.
- Participated in 10days Faculty Development Program on 'Data Warehousing & Business Intelligence' jointly organized by Electronics & ICT Academy NIT, Warangal and Department of Information Technology, VRSEC during on 20-04-2016 to30-04-2016.
- Participated in Three day Faculty Development Program on 'Big Data Analytics & Computer Forensics' organized by Department of Computer Science & Engineering on 2-05-2016 to 4-05-2016.
- Participated in one week Faculty Development Program on 'Python & R Programming' organized by Electronics & ICT Academy NIT, Warangal and Department of CSE, Dhanekula Institute of Engineering & Technology from 26-12-2016 to 31-12-2016.
- Participated in 'AWS Technical Essential ', 2 Day workshop organized by AWS and APSSDC from 12/10/2017 to 13/10/2017.
- Participated in one week Faculty Development Program on 'IOT and Analytics'' organized by Electronics & ICT Academy NIT, Warangal and Department of CSE, Dhanekula Institute of Engineering & Technology from 21-10-2017 to 26-10-2017
- IUCEE - International Engineering Educators Certification Program, July 2018- Jan 2019
- NPTEL Online Certification - Software Engineering - July 2019 - Oct 2019
- COURSERA - Data Visualization
- COURSERA IBM - What is Data Science
- COURSERA - Programming for Everybody
- COURSERA - Python Data structures
- COURSERA Google - Technical Support Fundamentals
- COURSERA - Introduction To The Internet Of Things And Embedded Systems
- Faculty Development program on "APPLIED MACHINE LEARNING & DEEP LEARNING" - Organized by APSSDC from June 15 -20 2020
- "RESEARCH INSIGHT ZONES IN MACHINE LEARNING" - Organized by SRI VASAVI ENGINEERING COLLEGE - June 25-27 2020
- Faculty Development program on "AI AND DEEP LEARNING" Organized by APSSDC from June 15 -20 2020 from July 1 to July 28, 2020




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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PROFILE				
<b>Name of the Faculty</b>		P JAGADEESWARA RAO		
<b>Designation</b>		ASSISTANT PROFESSOR		
<b>Email &amp; Phone No</b>		<a href="mailto:jagadeesh@diet.ac.in">jagadeesh@diet.ac.in</a> <a href="mailto:pjagadeeswararao@gmail.com">pjagadeeswararao@gmail.com</a> , 9505044460 8074140462		
<b>Date of Joining</b>		25-02-2015		
<b>Nature of Association</b>		Ratified by JNTUK, Kakinada		
<b>Department</b>		Computer Science & Engineering		
<b>Educational Background</b>		M. Tech – SRM University - CSE		
		B. Tech – PVPSIT - CSE		
<b>Research Areas</b>		Data mining, Cloud Computing, Big Data		
<b>Experience</b>		7 Years 10 Months		
	<b>Sl. No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
	1	Dhanekula Institute of Engg. & Tech.	Asst. Prof	25/02/15 – Till Date
	2	Nimra Institute of Science & Tech.	Asst. Prof	01/06/14-23/2/15
	3	Hasvita Institute of Science & Tech.	Asst. Prof	25/6/13 – 30/5/14

### List of Publications (National and International Journals): 03

- Published the paper titled as “An IoT based Automated Toll Collection System using RFID” in the International Research Journal of Engineering and Technology (IRJET), Vol-07, Issue-03 March 2020 ISSN: 2395-0072.
- Published the paper titled as “Real Time or Near Real Time Persisting Daily Healthcare Data into HDFS and Elastic Search Index Inside a Big Data Platform” in the International Journal of Research (IJR), Vol-05, Issue-07 March 2018 ISSN: 2348-6848.
- Published the paper titled as “Managing Performance Overhead of Virtual Machines on Shared Resources in IaaS Cloud Computing” in the Research Journal of Engineering and Technology (RJET) organized under JNTU Anantapur during MAY 2014.

### National/International Conferences ((National and International): 03

- Published the paper titled as “Implementation of Visual and Quantum Cryptography techniques for Secure Information Flow in Content Delivery Networks” in the National Conference on “Recent Trends in Cyber Security” organized by VR Siddhartha Engineering College during March 2016.



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

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- Published the paper titled as “Machine Learning Approach for Identifying Disease-Treatment Relation in Short Text.” in the International Conference on Innovations in Communication, Information and Computing ICICIC’13” held at Sasurie College of Engineering, Tirupur during Jan 2013.
- Published the paper titled as “A Method for Automatic Image Registration through Histogram based Image Segmentation.” in the International Conference on Information & Engineering Sciences ICIES’13” organized by International Multidisciplinary Research Foundation (IMRF), Vijayawada during Feb 2013.

## Certification and FDP Programs:

- Two-Day Online Industry Led Training on Amazon Web Services (AWS) Presented by Mr. Sridhar Rajendran, Manager-IT, Cloud Architect/AWS Trainer, Virtusa Software Services, Pvt. Ltd. on 4th & 5th June 2020.
- Successfully completed 60 Contact Hours Faculty Development Program on AI and Deep Learning Held from 1st July 2020 to 28th July 2020 organized by 360 DigiTMG association with APSSDC.
- Coursera online certification course on “Python Data Structures” on 14<sup>th</sup> April 2020.
- Coursera online certification course on “Programming for Everybody (Getting Started with Python)” on 11<sup>th</sup> April 2020.
- FDP (FDP201x) on Pedagogy for Online and Blended Teaching-Learning Process by IIT Bombay, from Oct 2018 to Dec 2018.
- FDP (FDP201x) on Foundation Program in ICT for Education by IIT Bombay, from Sep 2018 to Oct 2018.
- FDP on “Data Science and Big Data Analytics” organized by the E & ICT Academy, NIT Warangal, at DVR & Dr. HS MIC College of Technology, from 13th to 18th Nov 2017.
- FDP on “IoT and Analytics” organized by the E & ICT Academy, NIT Warangal, at DhaneKula Inst. of Engg. & Technology, Vijayawada from 21st to 26th Oct 2017.
- A Two-day workshop on “Outcomes-Based Education” conducted by BMS College of Engg, IUCEE and Inpods at Dr. D. Y. Patil Institute of Engg. And Tech, Pimpri, Pune on 9th & 10th Jan 2016.
- One Week National Workshop on “21st Century Teaching Methodologies”, held from 24th to 28th Oct. 2016, organized by College of Engg, JNTUK Kakinada.
- IBM DB2 Certified Associate program.
- Cisco Certified Network Associate program.
- Information Security and Ethical Hacking Professional program.

## Professional Memberships:

- Life Membership in Indian Society for Technical Education (ISTE), Membership No. LM 116988.

**P Jagadeeswara Rao**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

## FACULTY PROFILE

<b>Name of the Faculty</b>	Mrs. Ch. Padmini
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:getmini2004@gmail.com">getmini2004@gmail.com</a> & 9985485376
<b>Date of Joining</b>	10/03/2016
<b>Nature of Association</b>	Regular
<b>Department</b>	Computer Science & Engineering
<b>Educational Background</b>	B. Tech, M. Tech, (PhD)
<b>Research Areas</b>	Data Mining, Sentiment Analysis & Opinion Mining
<b>Experience</b>	15 Years 2 Months



Sl. No	Period		Organization / Institution	Position Held
	From	From		
1	MARCH 2016	Till Date	DhaneKula Institute of Engineering & Technology, Ganguru.	Assistant Professor
2	JULY, 2010	NOV, 2015	Vignan's University, Vadlamudi	Assistant Professor
3	JUNE, 2005	OCT, 2008	Vignan Engineering College, Vadlamudi	Assistant Professor

## List of Publications (National and International Journals)

1. "SMART LICENSE PLATE" JETIR (Volume 6, Issue 3, March 2019) (ISSN-2349-5162).
2. "Analysing Different Stock Options in Decision Making" in International Journal of Trend in Scientific Research and Development (IJTSRD) Page: 1351 - 1355, April 2018 ISSN No: 2456 - 6470.
3. "Performing Keyword Cover Search using Keyword Nearest Neighbor Expansion Algorithm" International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) Volume 23 Issue 5 pp - 41 - 44, SEPTEMBER 2016 ISSN: 0976-1353.
4. "Empowering Rural Women through Mobile Technology" IJCST Vol. 4, Issue Spl - 4, pp - 302 - 304 Oct - Dec 2013 ISSN: 0976-8491 (Online) | ISSN: 2229-4333 (Print).
5. "A Cross Platform Based System for Supervising the Factors of A Geographical Area through Wireless Sensor Network" IJCST Vol. 4, Issue Spl - 4, pp - 275 - 276, Oct - Dec 2013 ISSN: 0976-8491 (Online) | ISSN: 2229-4333 (Print).
6. "A new Approach for Automatic Discovery of Association Orders between Name and Aliases from the Web using Anchor Texts-based Co-occurrences" International Journal on Recent and Innovation Trends in Computing and Communication Volume: 1, Issue: 10, pp - 795 - 799 October 2013, ISSN: 2321-8169.



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7. “Scalable and Secure Sharing of Personal Health Records in Cloud Computing using Attribute-based Encryption”, International Journal on Recent and Innovation Trends in Computing and Communication, Volume: 1 Issue: 8, pp - 679 – 681, Aug 2013, ISSN 2321 – 8169.
8. “Outlier Detection for Dynamic Data Streams Using Weighted K-means”, International Journal of Engineering Science and Technology, Vol. 3 No.10, pp – 7485 to 7490, October 2011, ISSN: 0975-5462.

## List of Papers Published in International Conferences

S. No.	Name Of The Event	Date Of The Event	Name Of The Organized Body
1	International Conference on Women Empowerment - 2014	March 07 – 08, 2014	International Multidisciplinary Research Foundation (IMRF).

## List of Papers Published in National Conferences

S. No.	Name of The Event	Date of The Event	Name of The Organized Body
1	National Conference NTRIT-14	19 <sup>TH</sup> -20 <sup>TH</sup> September, 2014	Vignan’s Foundation for Science, Technology and Research University, Vadlamudi.
2	National Conference NCRRCISIT 2013	27 <sup>th</sup> - 28 <sup>th</sup> December 2013	Sir C. R. R. College of Engineering, ELURU-534007.

## Achievements / Awards etc

1. In Gate 2007 secured All India Rank of 1783 in Information Technology.
2. In Gate 2013 secured All India Rank of 15167 in Computer Science & Engineering.

**Padmini Chattu**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	M. Ravikanth
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:ravikanthmishra@gmail.com">ravikanthmishra@gmail.com</a> & 89856 75752
<b>Date of Joining</b>	01 - 04 - 2016
<b>Nature of Association</b>	Regular
<b>Department</b>	CSE
<b>Educational Background</b>	B.Tech., M.Tech.,
<b>Research Areas</b>	Data Science, Data Mining
<b>Experience</b>	11 Years 2 months



S. No	Institute	Designation	Period
1.	Dhanekula Institute of Engineering & Technology, Vijayawada	Assistant Professor	01-04-2016 to till date
2.	Sri Vasavi Engineering College, Tadepalligudem	Assistant Professor	12-12-2008 to 31-03-2016

### List of Publications (National and International Journals)

- “PARALLEL MULTITHREADED APRIORI ALGORITHM FOR VERTICAL ASSOCIATION RULE MINING”, **M. Ravikanth**, G. Loshma, IJARCCCE, Vol. 2, Issue 12, December 2013, ISSN (Print) : 2319-5940, ISSN (Online) : 2278-1021.
- “Student Library Attendance using Face Recognition”, **M. Ravikanth**, D. Brahmeswara Rao, A. Dinesh Chowdary International Journal of Trend in Scientific Research and Development (IJTSRD), ISSN No: 2456 - 6470, Volume - 2, Issue - 3, Mar-Apr 2018, Page: 1238.
- “Library Attendance For Students With Face Recognition”, **M. Ravikanth**, B. Hitesh, K. Bala Krishna, IJARIE-ISSN(O)-2395-4396, Vol-4 Issue-2 2018.
- "ANALYZING HUMAN BEHAVIOR FOR FINANCIAL FRAUD DETECTION", **Ravikanth Mishra**, S.Lavanya, V.Sai Likitha, B.Bhavya Sree, K.Mukesh Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Volume 6, Issue 3, March 2019.
- “KID'S TRACKER USING WEARABLE FOR CHILD SAFETY”, **M.Ravikanth**, P.Sai Samyuktha, B.Nithin, V.Sai Manoj, U.Rajini Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Volume 6, Issue 3, March 2019.



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Certification Courses completed/ FDPs attended

1. Successfully completed 12 weeks NPTEL online certification course "Programming in Java" and obtained Elite+Silver Grade, Jul- Dec, 2019 equivalent to one and half week FDP.
2. Successfully completed 12 weeks NPTEL online certification course "Joy of Computing using Python" and obtained Elite+Silver Grade, Jan to Apr 2019 equivalent to one and half week FDP.
3. Participated one day Coordinators' Workshop on the "Moodle Learning Management System" held at Indian Institute of Technology Bombay, on 1<sup>st</sup> March 2019.
4. Successfully completed 10 weeks IITBombay online MOOCs "Pedagogy for Online and Blended Teaching-Learning Process- FDP201x", JAN-2019.
5. Successfully completed 6 weeks IITBombay online MOOCs "Foundation Program in ICT for Education- FDP101x", OCT-2018.
6. Participated one day seminar on "Digitization vs Digital Based Analysis" in collaboration with TCS under AICTE Margdarshan held on 31st October, 2018 organized by the Dept. of CSE, VRSEC.
7. Participated in one week Faculty Development Programme(FDP) on "IOT & Analytics" organized by the E&ICT Academy, NIT Warangal at the Dept. of CSE, DhaneKula Institute of Engineering & Technology from 21st to 26th October 2017.
8. Participated in two day Faculty Improvement Program on AWS Technical Essentials which was jointly conducted by AWS and APSSDC from 12th & 13th October 2017.
9. Participated in three day Faculty Development Programme (FDP) on "Big Data Analytics & Computer Forensics" at the Dept. of CSE, DhaneKula Institute of Engineering & Technology on 2nd, 3rd & 4th May 2016.
10. Participated in six day Faculty Improvement Programme (FIP) on "Data Structures and Algorithms" at the Dept. of CSE, Madanapalle Institute of Engineering & Technology conducted by APSSDC from 28th May to 2nd June, 2018.
11. Successfully completed Algorithmic Toolbox an online non-credit course authorized by University of California San Diego and National Research University Higher School of Economics and offered through Coursera.
12. Participated in one week Faculty Development Programme (FDP) on "Python & R Programming" organized by the E&ICT Academy, NIT Warangal at the Dept. of CSE, DhaneKula Institute of Engineering & Technology from 21<sup>st</sup> December to 31<sup>st</sup> December 2016.
13. Participated in two day Entrepreneurship awareness program on "Exploring Entrepreneurship opportunities in Andhra Pradesh, Organized by Center for Entrepreneurship Development, JNTUK, Kakinada held on 20<sup>th</sup> and 21<sup>st</sup> June 2014 at DhaneKula Institute of Engineering & Technology, Vijayawada.



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

14. Participated in one week Faculty Development Programme (FDP) on “Outcome Based Education” organized by the E&ICT Academy, NIT Warangal at the Dept. of CSE, DhaneKula Institute of Engineering & Technology from 06<sup>th</sup> June to 11<sup>th</sup> June 2016.
15. Participated in two day Entrepreneurship awareness program on “Exploring Entrepreneurship opportunities in Andhra Pradesh, Organized by Center for Entrepreneurship Development, JNTUK, Kakinada held on 20<sup>th</sup> and 21<sup>st</sup> June 2014 at DhaneKula Institute of Engineering & Technology, Vijayawada.

## Resource persons in Workshops/Guest Lectures/Seminars Organized:

1. Resource person for one day workshop on R Programming in Association with IITBombay at DhaneKula Institute of Engineering & Technology on 12<sup>th</sup> October, 2019 under the National Mission on Education through ICT, MHRD, New Delhi.
2. Resource person for one day workshop on Moodle Learning Management System in Association with IITBombay at DhaneKula Institute of Engineering & Technology on March 15<sup>th</sup>, 2019 under the National Mission on Education through ICT, MHRD, New Delhi.

## Appreciations

1. Appreciation Certificate from NPTEL – SWAYAM as Top Performing Mentor in recognition of role as mentor for the NPTEL Online Certification Course The Joy of Computing using Python, Jul-Dec, 2019 as 33 mentees successfully passed out of 50 and 18 mentees got Elite+Sliver Grade.
2. Appreciation Letter from Director of Academics & Planning, JNTUA, Ananthapuramu, for delivering Two day Seminar on “Hadoop & Big Data” for research scholars in JNTUA College of Engineering, Ananthapuramu, Anathapur from 18-03-17 to 19-03-17.

## Professional Memberships:

S. No	Name of the Professional Society	Membership No
1.	Computer Society of India(CSI) (Life Membership Card)	L1503248
2.	Indian Society for Technical Education(ISTE) (Life Membership Card)	LM 116984

Date:


M. Ravikanth



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE		
<b>Name of the Faculty</b>	G.Venkata Ramana	
<b>Designation</b>	Assistant Professor	
<b>Email &amp; Phone No</b>	ramanacse28@gmail.com 9490990404	 Color photo
<b>Date of Joining</b>	20-02-2017	
<b>Nature of Association</b>	Regular	
<b>Department</b>	Computer Science & Engineering	
<b>Educational Background</b>	M.Tech, B.tech	
<b>Research Areas</b>	Image Processing	
<b>Experience</b>	1year	
<b>Sl. No</b>	<b>Institute</b>	<b>Designation</b>
1	Dhanekula Engineering College	Asst.Professor
		Till Date

**List of Publications (National and International Journals)**

"Efficient Stenography Using System Synthesized Images" International Journal of Scientific Engineering Technology and research Vol-5, Issue.18,July-2016

**National/International Conferences ((National and International)**

NIL

**Achievements / Awards etc**                      NIL

**G.V.Ramana**



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PROFILE	
Name of the Faculty	PRANEETHA SURAPANENI
Designation	Assistant Professor
E-mail & Phone No.	kilarupraneetha@gmail.com 9966404893
Date of Joining	30-01-2020
Nature of Association	Regular
Department	CSE
Educational Background	1.M.Tech(CSE) from V.R. Siddhartha Engineering College
	2.B.Tech(IT) from V.R. Siddhartha Engineering College
Experience	9 Years



S.No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology	Assistant Professor	2020 - Till date
2	SRK Institute of Technology	Assistant Professor	2019 - 2020
3	DhaneKula Institute of Engineering and Technology	Assistant Professor	2011 - 2018

### List of Publications ( National and International Journals)

1. **S. Praneetha** "Detection of Blood vessels in Breast Using Matched Filters", IJCSIT, ISSN-2044-6004, VOL-3, FEB 2012, PAGE: 32-37.
2. **S. Praneetha** "An Efficient Querying Model For Ambiguous Data Object", IJRRECS, ISSN 2321-5461, Volume-5, Issue-6, June 2017, PAGE:7156-7159.
3. **S. Praneetha** "Anonymous ABE: Enhanced efficient user Revocation Mechanism", IJDCST, ISSN-2320-7884, Volume-5, Issue-8, December 2017, PAGE: 45-49.
4. **S. Praneetha**, "A Novel Technique for Weed Detection using Textural Similarities", International Journal of Research, ISSN: 2348-6848, Volume-05, Issue-7, March 2018, PAGE: 1301-1307.



## DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated by JNTU, Kakinada)

Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### List of Publications ( National and International Conferences)

1. Title of the Paper :

**Dynamic Health Supporting System Using Smart Intelligence**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
International Conference on Advances in Computer Science, Engineering and Technology	SCOPUS	Kalasalingam Academy of Research and Education, Tamil Nadu	February 2018

2. Title of the Paper :

**Solid Waste Management in Smart cities using IOT**

Name of the Seminar	Name of the Sponsoring Agency	Organized By	Period
International Conference on Advances in Computer Science, Engineering and Technology	SCOPUS	Kalasalingam Academy of Research and Education, Tamil Nadu	February 2018

### Memberships in Professional bodies / Academics / Societies

- Life Member ISTE (The Indian Society For Technical Education)

### Certifications:

- Oracle Certified Associate, Java SE 8 Programmer


(Praneetha Surapaneni)



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE		
Name of the Faculty	S.V. Phani Kumar	
Designation	Assistant Professor	
Email & Phone No	<a href="mailto:siginamsettyphani@gmail.com">siginamsettyphani@gmail.com</a> , 8125636250	
Date of Joining	12-10-2020	
Nature of Association	Regular	
Department	Computer Science & Engineering	
Educational Background	M.Tech, Computer Science	
Research Areas	Machine Learning, Data Science.	
Experience	1 year in IT	

S. No	Institute	Designation	Period
1.	Tychee Innovations	Technical Trainee	1 year
2.			
3.			
4.			

## List of Publications (National and International Journals) : 1

Machine Learning Classifiers and Along with TPOT Classifier (Automl) to Predict the Readmission Patterns of Diabetic Patients .

## National/International Conferences ((National and International)

## Achievements / Awards etc

S.Phani

Signature



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPROFILE			
Name of the Faculty	GUDAPATI MANEESHA		
Designation	ASSISTANT PROFESSOR		
Email & Phone No	maneesha.gudapati@gmail.com 9491752762		
Date of Joining	14-10-2020		
Nature of Association	Regular		
Department	Computer Science and Engineering		
Educational Background	MTech ,CSE		
Research Areas	Cloud Computing		
Experience	2 years 8months		
<b>S. No</b>	<b>Institute</b>	<b>Designation</b>	<b>Period</b>
1.	SRK institute of Technology, Enikepadu	Asst.Professor	8months
2.	Andhra Loyola Institute of Engg. & Tech., Vijayawada	Asst. Professor	2 years
3.			
4.			

## List of Publications (National and International Journals)

### National/International Conferences ((National and International)

“Introducing Cloud in Remote Sensing and Instance Creation Using Openstack” in Vol. 14, proceedings of 3<sup>rd</sup> ICETCSE-2016, Special Issue International Journal of Computer Science and Information Security (IJCSIS), ISSN 1947-5500, Oct 17-18, 2016.

### Achievements / Awards etc

1: Qualified in APSET-2018

Signature




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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

FACULTY PRPOFILE																	
<b>Name of the Faculty</b>	Madhuri Nallamothu																
<b>Designation</b>	Asst.Professor																
<b>Email &amp; Phone No</b>	<a href="mailto:nallamothu.madhuri@gmail.com">nallamothu.madhuri@gmail.com</a> 7702499978																
																	
<b>Date of Joining</b>	01-04-2021																
<b>Nature of Association</b>	Regular																
<b>Department</b>	Computer Science & Engineering																
<b>Educational Background</b>	B.Tech, M.Tech																
<b>Research Areas</b>																	
<b>Experience</b>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S.No</th> <th style="width: 40%;">Institute</th> <th style="width: 30%;">Designation</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>DhaneKula Institute Of Engineering &amp; Technology</td> <td>Asst.Professor</td> <td></td> </tr> <tr> <td style="text-align: center;">2</td> <td>Prasad.V.Potluri Enggineering College</td> <td>Asst.Professor</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S.No	Institute	Designation		1	DhaneKula Institute Of Engineering & Technology	Asst.Professor		2	Prasad.V.Potluri Enggineering College	Asst.Professor					
S.No	Institute	Designation															
1	DhaneKula Institute Of Engineering & Technology	Asst.Professor															
2	Prasad.V.Potluri Enggineering College	Asst.Professor															

### List of Publications (National and International Journals)

1. Madhuri Nallamothu,,Mrs D.N.V.S.L.S.Indira “ collaborating Filtering and Random Forest Classification Algorithm for PROBE Attacks Detection in a Network” ,IJETT –Volume 3,issue 4 2012.
2. Presented a Paper “ Restoring Digitized Painting using Image Processing Technique” in AICTE SPONSORED NATIONAL SEMINAR on “ARITIFICIAL INTELLIGENCE APPLICATIONS IN IMAGE PROCESSING”.inGEC,Gudlavlleru.
3. Madhuri Nallamothu, Venkata Sunitha Takkalapati,Haritha Akkineni, “Data integrity checking protocol for Secured Storage Sevcies with Data Dynamics and Public Verifiability in cloud computing” ,IJARCSS 3 (6),903-910 ,2013.

## **National/International Conferences ((National and International)**

1. Attended a CDAC workshop in 2009.

## **Achievements / Awards etc**

**NIL**

# PUCHALAPALLI SUMA PRIYA

[puchalapallisumapriya75@gmail.com](mailto:puchalapallisumapriya75@gmail.com)

+91-9701517934

## CAREER OBJECTIVE

To be associated with an organization, to give my best for overall benefit and growth of the organization, that helps me to gain some experience and knowledge.

## TECHNICAL SKILLS

Programming languages : Python  
Data Base : MYSQL  
Others : HTML

## TECHNICAL SUMMARY

### Python: -

- Good knowledge in Functions and Recursion
- Good knowledge in oops concepts like constructor chaining and method chaining.
- Basic knowledge in data structures
- Good knowledge in Decorators, Exception handling and File handling.

### MYSQL: -

- Good knowledge of writing SQL queries.
- Exposure to constraints (PK, FK, NOTNULL, UNQ, CHECK).
- Good knowledge about **RDBMS** concepts such as Tables and Normalization.
- Good understanding of SQL concepts like Grouping, Sub queries, Functions etc.
- Good knowledge in joins, DML, DDL.

## ACADEMIC PROJECTS

### B. TECH

**Project Title:** Website design for SOET

**Role:** Team member

**Description:** The main objective of this website is providing the details of university and students information. This system is proposed an effective information about university and students.

### M.TECH

**Project Title:** Improving efficiency of quality correlation in query using spark

**Role:** Self

**Description:** The main objective of this project is using the spark distributed computing platform to improve query of quality correlations efficiency. And finally, reduce the preprocessing time and search time during the process of Q2C for service composition.

## Educational Qualification:

Degree	Year	University	School/College	Percentage
MTech	2019	JNTU Anantapur	Jawaharlal Nehru Technological University	8.1
B. Tech	2017	Sri Padmavathi Mahila Visvavidyalayam	Padmavathi Mahila University	64.3
Intermediate	2013	Board of Intermediate Education Andhra Pradesh	Krishna Chaitanya junior college	79.80
SSC	2011	Sri Netaji (MSR) Pilot High School	Secondary School Certificate Board of Andhra Pradesh	79.80

## STRENGTH

- Adaptability
- Team Worker
- Self-Motivated

## HOBBIES AND INTERESTS

- Reading Novels
- Playing Carrom
- Listening music

## PERSONAL PROFILE

Name : PUCHALAPALLI SUMAPRIYA  
Father's Name : P. RAVIKUMAR  
Mother's Name : P. SUNANDHA  
Address : Sambunipalem(V), Allur(M), Nellore(D), Andhra Pradesh  
Gender : Female  
Date of birth : 25<sup>th</sup> October 1996  
Language Proficiency : English, Telugu

## DECLARATION

*I hereby declare that all the information mentioned above is true to the best of my knowledge.*

**P SUMAPRIYA**

**Date: 11<sup>th</sup> January 2021**

**Place: Bengaluru**



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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

Name of the Faculty	YEMINENI ASHOK
Designation	Assistant professor
Email & Phone No	<a href="mailto:diet.yashok@gmail.com">diet.yashok@gmail.com</a> , 9700620303
Date of Joining	13-09-2014
Nature of Association	Regular
Department	Computer Science and Engineering



### Educational Background

2012-2014	M.Tech.(C.S.E) from CHALAPATHI INSTITUTE OF TECHNOLOGY, LAM,GUNTUR with Distinction	ENGINEERING AND
2007-2011	Bachelor's Technology in Computer Science and engineering, JNTK University with First Class	
2005-2007	Intermediate, Board of Intermediate Education with First Class	
2004-2005	Secondary School Education with First Class	

### Total Experience of 3 years

- Working as Assistant Professor in DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY, GANGURU, VIJAYAWADA in the Department of Computer Science and Engineering since 12<sup>th</sup> September, 2014.

#### Working Duties as:

- Working as INCHARGE for the EXAM SECTION at DhaneKula Institute Of Engineering & Technology..
- Worked as in charge for the Exam section of Department of Computer Science in DhaneKula Institute Of Engineering & Technology.

### Certification / Training / Computer Skills acquired:

- Attended National level workshop on "computer vision and pattern reorganization using MAT LAB".
- Attended FACULTY DEVELOPMENT PROGRAM on **AWS Initials**.
- Attended FACULTY DEVELOPMENT PROGRAM on **Cloud Computing**.

### Publications

#### International Journals

- Published A paper international Journal of Science Engineering and Advance Technology on "Data Protection as a service in Cloud " Vol 2, No 8 (2014) ,August

**Yemineni Ashok**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	MEKHALA SRI DEVI SAMEERA
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:Mekala.sameera@gmail.com">Mekala.sameera@gmail.com</a> & 9160113333
<b>Department</b>	Computer Science and Engineering
<b>Date of Joining</b>	24-03-2015
<b>Nature of Association</b>	Regular
<b>Educational Background</b>	1. Pursuing Ph.D(CSE) From ANU, Guntur 2. M.Tech CSE From JNTUK, Kakinada 3. B.Tech CSE From ANU, Guntur
<b>Research Areas</b>	Software Reliability, Software Engineering
<b>Experience</b>	2.11 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2015 - till date

### List of Publications (National and International Journals)

1. M Sri Devi Sameera, " Gender-Driven Emotion Recognition System Using Speech Signals For Human Computer Intelligent Interaction", International Journal of Innovative Research in Computer Science & Technology (IJIRCST), ISSN: 2347-5552, Volume-3, Issue-3, May 2015.

**M. Sri Devi Sameera**

## K DURGACHARAN

Door No:2-119, Ambathakar colony,  
Chanubanda, Chanubanda(Md),  
Krishna(Dt) , Andhra Pradesh,  
PinCode : 521 214



Email : [durgacharankondabathula@gmail.com](mailto:durgacharankondabathula@gmail.com)  
Mobile : +91 9010821720

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### Career Objective:

To join and work with an organization, which is progressive and which gives me chances to enhance and apply my skills by constant enrichment of my knowledge towards the growth of the organization.

### Work Experience:

- ❖ I had 4 years teaching Experience as an **Assistant Professor** in VR Siddhartha Engineering College, Vijayawada. Since July, 2014.
- ❖ 2 years of Experience as **Teaching Assistant** in IIIT Nuzvid.
- ❖ Duties and Responsibilities handled in VRSEC as
  - ❖ 2 years of Teaching experience on **Cloud computing, Internet of Things** subjects.
  - ❖ Worked as an organizer for the **Project Expo 2015, 2016 & 2017** in VRSEC @ IT Department.
  - ❖ I design the **Cyber Security** syllabus for the academic year 2016-2017.
  - ❖ I coordinate the **Entrepreneur Development wing** as a Department Coordinator in VRSEC.
  - ❖ Served as **IQAC Coordinator (Internal Quality and Assurance Cell)** in VRSEC@IT.
  - ❖ As an editor I prepared the Department **Annual Report**.
- ❖ I attended and served as coordinator for many FDPs. Notable are
  - ❖ Startups and Entrepreneurship Orientation Workshop in JNTUK, Kakinada.
  - ❖ APSSDC Cloud computing FDP in VVIT, Vijayawada.
  - ❖ FDP on Machine learning in VRSEC, Vijayawada.
  - ❖ Digital India Initiatives Effective Utilization of Cloud Technology, E-Governance and IT Infrastructure in AU, Vizag.
  - ❖ Context Aware Computing in Cloud Environment in TCE, Madurai.

## Achievements and Volunteer participation:

- ❖ Qualified in **GATE 2012** (Computer Science).
- ❖ Received **I, II & II prizes** in **National level paper presentation** at VRSEC, MTIST & SVIST Colleges respectively while studying B.Tech.
- ❖ Selected for **Triglobal IT Solutions** in campus placements.
- ❖ Participated in **Tiranga Unity Blood Donation camp** conducted by **Indian Red Cross society**, Feb, 2009.
- ❖ Served as volunteer in Krishna **PUSHAKARAS-2016** in Vijayawada.

## Skill Set

- ❖ IT & Computer Systems Support, Digital Forensics, Data Analysis, Internet Governance.
- ❖ Ability to produce forensically sound Images of Digital Media.
- ❖ Experience of Wiping the data and recovering the data before wiping.
- ❖ Knowledge and work experience of Different Operating systems (LINUX, UNIX, Mac, Android, Windows)
- ❖ Knowledge of TCP/IP, HTTPS and WEB serves (XAMPP,HFS etc)
- ❖ Experience of Data Recovery, Analysis.
- ❖ Experience of Cloning Sim cards using MobileEdit and other tools.
- ❖ Work experience of Encryptions - Bit locker and other encryption techniques.
- ❖ Experience on Routing & Switching, Network Security.
- ❖ Wireshark-win32-1.8.4 Local Area Networks, Troubleshooting & Repairs, Wireless Networks
- ❖ Experience of System & Software Installation.

## Technical Skills

- ❖ Programming Languages : C, C++, Core JAVA, MATLAB
- ❖ Scripting Languages : Python, Perl
- ❖ Known Operating Systems : Windows, Ubuntu, Fedora
- ❖ Web Technologies : HTML, JavaScript, PHP
- ❖ Software packages : Microsoft Office, Rational Rose
- ❖ Database Languages : SQL, DB2
- ❖ Networking Tool : NS2

## Personal Skills

- ❖ Ability to work as part of a team.
- ❖ Flexible and Adaptable
- ❖ Zeal to learn new things
- ❖ Quick learner
- ❖ Ethical hacking

## Projects Guided while working as Assistant Professor

### M.Tech Projects

Academic Year	Project Title
2015-2016	Online cloud compiler using C, C++ and Java
2016-2017	Combining Efficiency, Fidelity, And Flexibility In Resource Information Services
2017-2018	Dynamic Resource Allocation Using Virtual Machines For Cloud Computing Environment

### B.Tech Projects

Academic Year	Project Title
2015-2016	Security Threats In Cloud Computing
2016-2017	Secure Data Sharing In Cloud Computing Using Revocable-Storage Identity-Based Encryption
2017-2018	Investigation Of Methods For Remote Control IOT- Devices Based On Cloud Platforms And Different Interaction Protocols

## Educational Qualification:

Course	Institute	Board/University	Marks
M.Tech (Computational Engineering) 2012-2014	IIIT, Nuzvid	RGUKT	7.7/10
B-Tech (Information Technology) 2008-2012	Sree Vahini Institute Of Science And Technology, Tiruvuru	JNTUK (Andhra Pradesh)	66%
Intermediate 2006-2008	Vikas college, Vissnnapeta	Board of Intermediate Education (AP)	74%
X Class 2006	A.P.S.W.R.S School, Krishnarao Palem	Board of Secondary Education (AP)	73%

## Personal Details:

**Father's name** : Venkateswara Rao  
**Date of birth** : 07-06-1991  
**Gender** : Male  
**Nationality** : Indian  
**Languages Known** : English, Telugu, and Hindi  
**Marital Status** : Single  
**Hobbies** : Reading books, browsing net and playing chess.  
**Address** : D No: 2-119, Chanubanda, Chatrai MD, Krishna DT,  
Andhra Pradesh State, Pin-521214

## Declaration:

I hereby declare that all the above information is true to the best of my knowledge and belief.

Date:  
Place:

*K. Durga Charan*  
(K. DURGACHARAN)



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Dr.SOWMYA KONERU
<b>Designation</b>	Professor & HOD
<b>Email &amp; Phone No</b>	<a href="mailto:diet.ithod@gmail.com">diet.ithod@gmail.com</a> <a href="mailto:konusowmya@gmail.com">konusowmya@gmail.com</a> & 9502386224
<b>Date of Joining</b>	21-09-2020
<b>Nature of Association</b>	Regular
<b>Department</b>	Information Technology
<b>Educational Background</b>	1. Ph.D From ANU, Guntur 2. M.Tech From JNTU Kakinada 3. B.Tech From JNTU College of Engineering Anantapur, Anantapur
<b>Research Areas</b>	Analytics, Machine Learning
<b>Experience</b>	14 Years



Sl. No	Institute	Designation	Period
5.	Dhanekula Institute of Engineering & Technology	Professor & HOD	2020- Till Date
5.	NRI Institute of Technology	Professor	2019-2020
4	NRI Institute of Technology	Assoc. Prof	2018-2019
3	Andhra Loyola Institute of Engineering & Technology	Asst. Prof.	2016 - 2018
2	Dhanekula Institute of Engineering & Technology	Asst. Prof.	2009 - 2016
1	WIPRO Technologies Pvt. Ltd	Senior Project Engineer	2006-2009



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## List of Publications (International Journals)

1. "Feedback Mining Using NRC Lexicon", International Journal of Advanced Science and Technology (SCOPUS ID: 21100829147) ISSN: 2005-4238, May 2020, Vol 29, Issue 06, Pages: 2989 - 2995.
2. "Text Detection Using LoG Filter for Computer Vision Applications ", International Journal of Advanced Science and Technology (SCOPUS ID: 21100829147) ISSN: 2005-4238, May 2020, Vol 29, Issue 06, Pages: 2996 - 3000.
3. Missing Value Prediction using Tree based Classifier", Test Engineering and Management (SCOPUS ID: 12997) ISSN: 0193-4120, March-April 2020, , Vol 83, Pages: 13412-13416.
4. "Analysis of Theoretical Sampling Distributed using combined LPETM and ANOM subgrouping", Journal of Advanced Research in Dynamical and Control Systems - JARDCS (SCOPUS ID: 20500195215) ISSN: 1943-023X, May 2019, Vol 11, Issue 1, Pages:467-471.
5. "Analysing The Homogeneity of Means of Data Distributed Over Best Suited Model Using ANOM", International Journal of Applied Engineering Research (IJAER), Volume 13, Number 15, pp. 11942-11946, August 2018, ISSN 0973-4562. UGC Approved Journal.
6. "Analysis of Data Analytics", International Journal Of Research In Electronics And Computer Engineering (IJRECE) , Vol. 6 Issue 3 ( July - September 2018), pp.239-243, ISSN: 2393-9028 (Print), ISSN: 2348-2281 (Online). UGC Approved Journal.
7. "Big Data Analytics- A Research Report" International Journal of Research (IJR) Volume 7, Issue VII, pp. 276-290, JULY/2018. ISSN: 2236-6124. UGC Approved Journal.
8. "Implementation of Big Data Processing In Geo Distributed Data Centers Using Cost Minimization", International Journal of Research, Volume 7, Issue VII, pp.263-268 JULY/2018, ISSN: 2236-6124. UGC Approved Journal.
9. "Effective Pattern Discovery for Text Mining", Journal of Advanced Research in Dynamical & Control Systems, (SCOPUS ID: 20500195215) Vol.10, Spl. Issue.10, pp.9-13, 2018. Scopus Indexed Journal.
10. "Model Selection Using Correlation In Comparison With QQ-Plot", (IJARCS) International Journal of Advanced Research in Computer Science, Volume 8, No. 9, November-December 2017, ISSN No. 0976-5697, URI:<http://dx.doi.org/10.26483/ijarcs.v8i9.5160>. UGC Approved Journal.
11. "Intrusion Detection System using Supervised Learning for Cloud Environment", International Journal of Advanced Research in Science and Technology (IJARST), Vol. 07, Issue:06, pp.87-91, Sept 2017, ISSN:2457-0362. UGC Approved Journal.
12. "Heart Anomaly Forecasting Applying a Series of Data Mining Methods", International Journal for Modern Trends in Science and Technology, Vol. 03, Special Issue 02, May 2017, pp. 69-73. URI: <http://www.ijmtst.com/NCCIT2017/13NCCIT13.pdf>.
13. "Technical And Security Issues Of Big Data", International Journal of Research (IJR) Vol.03, Issue.18, pp.2072-2075 e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 04 Issue 06 May 2017. UGC Approved Journal.



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14. "Fog Computing Technology for IoT Applications with Various Security and Privacy Risks", International Journal of Research, Volume 3, Issue 18 pp.1783-1791, December 2016, e-ISSN: 2348-6848, p-ISSN: 2348-795X. UGC Approved Journal.
15. "A Detail Study on Big Data Analytics Using Hadoop Technologies", International Journal of Research, Volume 3, Issue 13 pp.1562-1569, September 2016, e-ISSN: 2348-6848, p-ISSN: 2348-795X, UGC Approved Journal.
16. "Monitoring Software Failure Process using Half Logistic Distribution", (IJCA) International Journal of Computer Applications, July 2016 Edition, ISSN :0975-8887. Digital Library URI : <http://www.ijcaonline.org/archives/volume145/number4/25263-2016910535>, Peer Reviewed and Indexed Google Scholar.
17. "Mining User Behaviors in Mobile Environments", International Journal of Advanced Research in Science and Technology (IJARST), Vol. 06, Issue:02, pp.19-55, Feb 2016, ISSN:2457-0362. UGC Approved Journal.
18. "Node Security Mechanisms for Secure Embedded Systems", International Journal of Information & Computation Technology (IJICT), volume. 3, Number 9, pp. 734-736, ISSN 0974-2239, March 2013, Peer Reviewed and Indexed Google Scholar.
19. "Resource Allocation Method using Scheduling methods for Parallel Data Processing in Cloud", (IJCSIT) International Journal of Computer Science and Information Technologies, ISSN: 0975-9646, Vol. 3 (4), 2012, pg. no.4625 – 4628, Peer Reviewed and Indexed Google Scholar.
20. "Secured Auditing of Outsourced Data using Linear Programming in Cloud", (IJCSIT) International Journal of Computer Science and Information Technologies, ISSN: 0975-9646, Vol. 3 (4) , 2012, pg. no. 4785 – 4789, Peer Reviewed and Indexed Google Scholar.
21. "Analysis Of Open Shortest Path First Protocol –A Link State Routing Protocol Using Optimized Network Modular", World Journal of Engineering Science (WJES) ISSN: 2320-7213, SciTeh Research Publishers March 2013, Peer Reviewed and Indexed Google Scholar.
22. "Post Retrieval Algorithm for Cooperative Cache in Wireless P2P Networks", International Journal of Computer Science information and Engineering Technologies ISSN 2277-4408, Peer Reviewed and Indexed Google Scholar.

### National/International Conferences

1. "Analysis Of Theoretical Sampling Distributed Over HLD Using ANOM Subgrouping" IEEE International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) on 28th & 29th January 2018 at PEC, Vellore, Tamil Nadu.
2. "Heart Anomaly Forecasting Applying a Series of Data Mining Methods" 1<sup>st</sup> National Conference on Computing & Information Technology (NCCIT – 2017) held on 23<sup>rd</sup> March 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada, Andhra Pradesh.



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## Text Books Published:

1. **“Database Management System”**, Dr.D.Murali, Mr.B.Ramaganesh and Mrs.K.Sowmya, Spectrum University Press, ISBN number: 978938340881
2. **“PROGRAMMING FOR PROBLEM SOLVING”** by Dr.K.Sowmya, ISBN 978-81-945268-1-0, Publisher: Amarvathi Publications.
3. **“PROGRAMMING AND PROBLEM SOLVING WITH ‘C’ ”**, Lab Textbook by Dr.K.Sowmya, Students Helpline Publishing House (P) Ltd., ISBN: 978-93-83959-64-8.
4. **“AUTOMATION TOOLS AND PROFESSIONAL WORKSHOP”**, K.Sowmya, Students Helpline Publishing House (P) Ltd., ISBN: 978-93-83959-63-1.

## PATENTS:

1. Indian Patent Published on “MONITORING SOFTWARE FAILURE PROCESS USING HALF LOGISTIC DISTRIBUTION” with ID No. 201941034804
2. Indian Patent Published on “MODEL PREDICTION ADOPTING CORRELATION IN COMPARISON WITH QQPLOT” with ID No. 201941039641.
3. Indian Patent Published on “ARCHITECTURE FOR AUTONOMOUS STERILIZED THERMAL SENSING SYSTEM FOR VIRUS SCANNING DURING EPIDEMICS” with ID No. 202041012415.

## Events Chaired:

1. Reviewer for Springer- Third International Conference on Soft Computing and Signal Processing, Springer-ICSCSP-2020 organized by Malla Reddy College of Engineering & Technology, Hyderabad.
2. Presented talk as Guest Speaker on “CREATIVITY AND BUSINESS – THE MAN BEHIND THE VENTURE” as part of MHRD, Government of India sponsored “DST-NIMAT 3 Day Entrepreneurship Awareness Camp” held during 30-01-2020 to 01-02-2020.
3. External expert for Board of Studies for Andhra Loyola College during 2019-21 academic years.
4. Chaired SCIENTIA-2019 and acted as Keynote Speaker at- Computer Science departmental technical event at Andhra Loyola College on 18-02-2019.



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## Achievements / Awards etc

1. Qualified APSET in 2019.
2. Received “Uttama Acharya Puraskar” Award in Oct 2019 by Indian Servers and Lions Club International Collaboration.
3. Qualified in GATE 2019 with a percentile of 90.10%
4. Qualified as Assistant Professor through UGC-NET 2018.
5. Received Best Teacher Award for the academic year 2014 at DhaneKula Institute of Engineering & Technology.
6. Qualified in GATE 2014 with a percentile of 93.7%.
7. Secured 3<sup>rd</sup> rank in Research entrance examination of Acharya Nagarjuna University.
8. Microsoft Certified Professional (MCP) in .NET Technologies.
9. Achieved “FEATHER-IN-MY-CAP” - APPRECIATION AWARD at WIPRO in 2008.
10. Achieved “FEATHER-IN-MY-CAP” - APPRECIATION AWARD at WIPRO in 2007.

## Certification Courses completed/ FDPs Coordinated

1. A three day online webinar on “**Digital Forensics-Tools and Scope of Research Challenges**” during 8<sup>th</sup> to 10<sup>th</sup> June 2020.
2. A three day workshop on “**Big Data Analytics and Computer Forensics**” during 2<sup>nd</sup>-4<sup>th</sup> May 2016.

## Certification Courses completed/ FDPs attended

1. AICTE Sponsored Two-Week Online Faculty Development Programme on “**Opportunities in AI and Enabling Technologies for IoT**” during – 17<sup>th</sup> to 28<sup>th</sup> November 2020 organized by JNTUA College of Engineering, Anantapur.
2. Two Week National Level Online Faculty Development Programme on “**Hurdles and Solutions in Research Avenues**” from 13.07.2020 to 26.07.2020 by Tara Government College(A), Sangareddy, Telangana State.
3. A Ten day Webinar series on “**Python programming - A Case Study Driven Approach Skill Development Programme**” from 01.07.2020 to 10.07.2020 by Swarnandhra College of Engineering and Technology.



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4. A Ten day Webinar series on “**Trending Entrepreneurship Skills**” from 22.06.2020 to 24.06.2020 by NRI Institute of Technology.
5. A Five day Online Faculty Development Programme on “**Deep Learning concepts and Applications**” from 11.06.2020 to 14.06.2020 by NRI Institute of Technology.
6. A Three day online webinar on “**Machine Learning For Real World Applications**” during 25.05.2020 to 28.05.2020 by NRI Institute of Technology.
7. A webinar on “**Machine Learning for beginners**” on 23.05.2020 by Narayana Engineering College, Gudur.
8. A Six day Faculty Development Program organized by E&ICT, NIT Warangal on “**Deep Learning & AI Technologies**” at NRI Institute of Technology.
9. A three day Faculty Development Program on “**Python & R Programming**” from 26<sup>th</sup> to 28<sup>th</sup> of April, 2018 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
10. A five day workshop on “**Big Data & Hadoop Analytics using R**” by ICTACT at SDMDC from 21<sup>st</sup> to 25<sup>th</sup> of November, 2017.
11. A three day Faculty Development Program by APITA on “**Cloud Computing Using IBM Bluemix**” from 23<sup>th</sup> to 25<sup>th</sup> of Oct, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
12. A two day Faculty Orientation Program on “**Research & Teaching**” during 6<sup>th</sup> & 8<sup>th</sup> of June, 2017 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
13. A five day workshop on “**Data Analytics with R**” at JNTUK by NASSCOM & APSSDC
14. A five day training on “**Oracle 12C**” at Andhra Loyola Institute of Engineering & Technology, Vijayawada
15. A one day Faculty Development program on “**Student Counselling**” at DhaneKula Institute of Engineering & Technology on 9th December 2015.
16. A one day Faculty Development program on “**Cloud Computing with Azure**” at Bapatla Engineering College on 4th May 2015.
17. A two day Faculty Development program on “**Research Challenges in Big Data Analytics and Hadoop Framework**” at Gudlavaleru Engineering College during 12th and 13th March 2015.
18. A one day workshop on “**Linux**” on 20<sup>th</sup> September 2013 at DhaneKula Institute of Engineering & Technology



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19. A one day workshop on “**Latex**” on 4<sup>th</sup> May 2013 at DhaneKula Institute of Engineering & Technology
20. A five day refresher course on “**Database Security**” during 5<sup>th</sup> – 9<sup>th</sup> March 2012 at NIT Warangal.
21. A three day workshop on “**Outcome Based Education**” at NRI Institute of Technology
22. A Two day seminar on “**Teaching and Learning Skills**” at NRI Institute of Technology

**PG Projects Guided: 2**

**UG Projects Guided: 8**

**Professional Memberships:**

S. No	Name of the Society	Membership No
1	DRDO-Indian Society of Systems for Engineering (ISSE)	LM03620
2	International Association of Engineers, IAENG	M-239143
3	Computer Society of India (CSI).	L1505284
4	Life Member of The Institution of Engineers (IE). M1656478	M1656478
5	The Indian Society for Technical Education, ISTE	LM-128208

**Dr. SOWMYA KONERU**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	J V N RAJU
<b>Designation</b>	Assistant Professor
<b>Email &amp; Phone No</b>	<a href="mailto:jynraju.rao@gmail.com">jynraju.rao@gmail.com</a> & 9492491716
<b>Date of Joining</b>	20-4-2021
<b>Nature of Association</b>	Regular
<b>Department</b>	Information Technology
<b>Educational Background</b>	1. Pursuing Ph.D From JNTUK, Kakinada 2. M.Tech From UCEK ,JNTU Kakinada 3. B.Tech From S R K R Engineering College Bhimavaram
<b>Research Areas</b>	Machine Learning, Deep learning
<b>Experience</b>	12 Years



Sl. No	Institute	Designation	Period
3	Dhanekula Institute of Engineering & Technology	Asst. Prof.	2021- Till Date
2	Sri Vasavi Institute of Engineering & Technology	Asst. Prof.	2014 - 2021
1	DMSSVHCE,Machilipatnam	Asst. Prof.	2010-2014



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Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## List of Publications (International Journals)

1. Published a paper “**Dimensionality Reduction using Machine Learning and Big Data Technologies**” by J V N RAJU in International Journal of Innovative Technology and Exploring Engineering(IJITEE ISSN: 2278-3075, Volume-9 Issue-2, December 2019 (Scopus indexed))
2. Published a paper in “**Machine Learning Approach for Identifying User Attacks in Android based Encrypted Networks**” by J V N RAJU in International Journal of Computer and Mathematical Sciences ((IJCMS) Vol. 6, Issue 11, Nov 2017 )
3. Published a paper in“ **A Novell Approach for Comparative Study of Classification Algorithms Using R-Programming** ” by J V N RAJU , in **International Journal of Advanced Engineering and Global Technology(IJAGT** Vol. 5, Issue 4, July 2017)
4. Published a paper in “**Secure Data Retrieval Scheme Using CP-ABE Scheme for Decentralized Disruption-Tolerant Military Networks** ” by J V N RAJU , in **IJDCST** Vol. 3, Issue 6,SW-06, AUG-Sep 2015
5. Published a paper in “**Multi Channel Queuing Model with Controllable Arrival Rates with Vacation**” by J V N RAJU , in **IJAIR** Vol. 2, Issue 11, Nov 2013

## Achievements / Awards etc

1. **Certificate** with 48% from NPTEL online programming for “**Introduction to Machine Learning**” by IIT- Madras conducted on Oct 2018
2. **Certificate** with 45% from NPTEL online programming for “**Introduction to Operating Systems**” by IIT- Madras conducted on Sep 2019
3. Maintained Consistent Pass Percentage overall career.

## Appreciations

1. Certificate of Coordination from Makeintern.com for support in organizing National workshop cum training on “**Machine Learning**” from 06-12-2019 to 07-12-2019 at SVIET.
2. Certificate of Appreciation from delflip for support in making Technothon Event entitled
3. “**Big Data & Hadoop**” from 30-09-2016 to 01-10-2016 at SVIET.



# **DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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**Ganguru, Vijayawada - 521 139. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in**

## **Workshops**

1. Attended the 1-day National workshop on **"Internet of Things - A Research Perspective"** on 18<sup>th</sup> mar 2017 at JNTUK, Kakinada sponsored by TEQIP-II.
2. Attended the 3-day National workshop on **"Data Science Research and Big Image Data"** during 24<sup>th</sup>-26<sup>th</sup> Feb 2017 at SRKRCE, Bhimavaram sponsored by DST.
- 3 Attended the two week audit course on **"Intellectual Property Rights and Patents"** during 16th-30th May 2016 at JNTUK
4. Attended the two week audit course on **"Research Methodologies"** during 1st-15th May 2016 at JNTUK
5. Attended the 3-day workshop on **"Android Application Development"** during 31-07-2014 to 02-08-2014 at SVIET by Wision Labs, Hyderabad.
6. Attended the 2-day workshop on **"Windows Azure Workshop"** during 5<sup>th</sup>-6<sup>th</sup> Mar 2014 at SVIET by Microsoft IT India.

**PG Projects Guided: 2**

**UG Projects Guided: 9**

**Professional Memberships:**

**MEMBER – COMPUTER SOCIETY OF INDIA**

**MEMBER – IAENG**

**MEMBER - IAENG OF COMPUTER SCIENCE SOCIETY**

**J V N RAJU**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	Ch.Lavanya Susanna
<b>Designation</b>	Asst.Professor
<b>Email &amp; Phone No</b>	lavanyasusannadiet@gmail.com 8106441770
<b>Date of Joining</b>	10-12-2018
<b>Nature of Association</b>	Regular
<b>Department</b>	Information Technology
<b>Educational Background</b>	B.Tech, M.Tech
<b>Research Areas</b>	Datamining
<b>Experience</b>	4 years 6 months



S.No	Institute	Designation	Period
1	Nimra College of Engineering & Technology	Asst.Professor	1-03-2015 to 31-08-2017
2	Dhanekula Institute Of Engineering & Technology	Asst.Professor	10-12-2018 to Tilldate

### Certification / Training / Computer Skills acquired

- Participated in 10 days Faculty Development Program on "Cisco Certified Network Associate Routing & Switching certification" jointly organized by Cisco Networking Academy and State Board of Technical Education and Training, Andhra Pradesh during on 18<sup>th</sup> February 2019 to 27<sup>th</sup> February 2019.
- participated in 3 days Faculty Development Program on "Modern Pedagogical Techniques and Creative Problem solving" organized by Internal Quality Assurance Cell(IQAC) in association with Teaching Learning Center of Indian Institute of Technology, Hyderabad during 15<sup>th</sup>-17<sup>th</sup> April 2019
- Completed course "Programming for everybody(Getting started with python)" an online non credit course authorized by Michgan and offered through Coursera
- Completed course "Python Data Structures" an online non credit course authorized by Michgan and offered through Coursera

- Participated in Online 1 Week Faculty Development Program on “ICT TOOLS” in association with STP - IIT Bombay, during 11th - 16th May, 2020 organized by the Department of Information Technology, Sree Vidyanikethan Engineering College, Tirupati.

## **Publications**

- Multi attribute keyword search over XML data, [International Journal of Applied Engineering Research](#) 9(15):2831-2842 · January 2014
- COLLEGE ENQUIRY CHATBOT, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 3 | Mar 2020

**Achievements / Awards etc - NIL**



# DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

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Ganguru, Vijayawada - 521 131. Phone: 0866 - 2583842 / 43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

<b>Name of the Faculty</b>	K. Prasanth Kumar
<b>Designation</b>	Asst.Professor
<b>Email &amp; Phone No</b>	<a href="mailto:kprashanth510@gmail.com">kprashanth510@gmail.com</a> 8317517416
<b>Date of Joining</b>	18-09-2020
<b>Nature of Association</b>	Regular
<b>Department</b>	Information Technology
<b>Educational Background</b>	B.Tech., M.Tech
<b>Research Areas</b>	Data Science & Machine Learning



**Experience** Fresher

S.No	Institute	Designation	Period
1	Dhanekula Institute Of Engineering & Technology	Asst.Professor	18-09-2020 to Tilldate

### Certification / Training / Computer Skills acquired

1. Certificate of Participation in AICTE Sponsored One Week Short Term Training Program on Web Development with Python Django Framework. Organized by Department of CSE, Ramachandra College of Engineering, Eluru through Online Mode from 16th November 2020 to 20th November 2020.
2. Certificate of Participation and completion of AICTE Training And Learning(ATAL) Academy Online FDP on "Internet of Things(IoT)" from 07-12-2020 to 11-12-2020 at Indian Institute of Information Technology Kottayam.
3. Certificate of Participation and completion of AICTE Training And Learning(ATAL) Academy Online FDP on "Data Sciences" from 14-12-2020 to 18-12-2020 at Indian Institute of Information Technology Thiruchirappalli.
4. Certificate of Participation and completion of AICTE Training And Learning(ATAL) Academy Online FDP on "Block Chain" from 20-12-2020 to 24-12-2020 at Indian Institute of Technology Patna(IITP).
5. Certificate of Participation and completion of AICTE Training And Learning(ATAL) Academy Online FDP on "Internet of Things(IoT)" from 26-12-2020 to 30-12-2020 at National Institute of Technology

Puducherry.

6. Certificate of Participation and completion of AICTE Training And Learning(ATAL) Academy Online FDP on “Quantum Computing and Machine Learning” from 30-11-2020 to 05-12-2020 at JNTUP.

## **Publications**

- [1] K Prasanth Kumar<sup>1</sup>, Prof. A. Ananda Rao<sup>2</sup>, Dr. P. Radhika Raju<sup>3</sup> ” Trust value calculation for Cloud Resources”, International Research Journal of Engineering and Technology (IRJET), Vol: 06 Issue: 07 | pp. 1308-1312, July 2019.

**Achievements / Awards etc - NIL**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PRPOFILE

**Name of the Faculty** Jyothi Yadla  
**Designation** Asst.Professor  
**Email & Phone No** [jyothiyadla1987@gmail.com](mailto:jyothiyadla1987@gmail.com)  
8978834462  
**Date of Joining** 01-04-2021  
**Nature of Association** Regular  
**Department** Information Technology  
**Educational Background** B.Tech, M.Tech  
**Research Areas** Datamining



### Experience

S.No	Organization	Designation	Period
1	SAP Labs India Pvt. Ltd, Bangalore	Software Associative	19-07-2010 to 28-01-2014
2	Manasa E.M High School, Bhimadole	Teacher	15-08-2018 to 31-03-2021

**Certification / Training / Computer Skills acquired - NIL**

### Publications

- Systematic Spatial Keyword Perception Suggestive Travel Route Recommendation Algorithm, [International Journal of Research in Electronics and Computer Engineering](#), January 2019

**Achievements / Awards etc - NIL**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : Dr. B.V.S.N. Hari Prasad  
Designation : Professor of Mathematics & HOD  
Date of Joining : 11/09/2012  
Nature of Association : Regular  
Email & Phone No. : bvsnhariprasad@gmail.com & 7013828259  
Department : Basic Sciences & Humanities  
Educational Background : 1. Ph.D. from Acharya Nagarjuna University  
2. M.Phil. from Acharya Nagarjuna University  
3. M.Sc.(Applied Mathematics) from Andhra University  
Research Areas : Queueing Theory  
Experience : 29 Years



Sl. No	Institute	Designation	Period
6	DhaneKula Institute of Engineering & Technology, Ganguru, Vijayawada	Professor & HOD	2015 (Oct.) - till date
5	DhaneKula Institute of Engineering & Technology, Ganguru, Vijayawada	Professor	2012 - 2015
4	S.R.K. Institute of Technology, Vijayawada	Associate Professor	2007 - 2012
3	KLCE (Koneru Lakshmaiah College of Engineering), Vaddeswaram	Lecturer	2006 - 2007
2	P.B. Siddhartha Degree College, Vijayawada	Lecturer	1995 - 2006
1	Sri Krishnaveni Degree College, Vijayawada	Lecturer	1992 - 1995

### List of Publications (National and International Journals):

1. “Molecular Spectra of Magnesium Octaethylporphyrin: An Algebraic Approach” has been published in “Journal of Chemistry and Chemical Sciences”, Vol.8(2), 275-277, February 2018.
2. “Vibrational Frequencies of PH<sub>3</sub> and NF<sub>3</sub>: Lie Algebraic Method” has been published in “Oriental journal of chemistry”, Vol. 32, No. (3) (2016), 1717-1719.
3. “Lie Algebraic Approach to the Vibrational Spectra of Hydrogen Sulphide (H<sub>2</sub>S)” has been published in the “Advances in Theoretical and Applied Mathematics”, Vol. 11, No. 2 (2016), pp. 131-136.
4. “Optimal Control of an N-Policy Two-Phase M<sup>X</sup>/E<sub>k</sub>/1 Queuing System with Server Startup Subject to the Server Breakdowns and Delayed Repair”, *Indian Journal of Science and Technology*, Vol 8(13) (2015), 1-9.
5. “Optimal Strategy Analysis of an N-policy Two-phase M<sup>X</sup>/E<sub>k</sub>/1 Gated Queuing System with Server Startup and Breakdowns”, *International Journal of Mathematical Archive*, 3(8) (2012), 3016-3027.



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6. “Optimal Strategy Analysis of an N-policy Two-phase  $M/E_k/1$  Queueing System with Server Startup and Breakdowns”, *International Journal of Mathematical Archive*, 3(3) (2012), 889-898.
7. “Optimal Strategy Analysis of an N-Policy Two-Phase  $M^X/E_k/1$  Queueing System with Server Startup and Break downs”, *An International Journal of Quality Technology and Quantitative Management*, 8(3) (2011), 285-301.
8. “Optimal Strategy Analysis of an N-policy Two-phase  $M^X/M/1$  Queueing System with Server Startup and Breakdowns”, *OPSEARCH*, 48(2) (2011), 109-122.
9. “Optimal Strategy Analysis of an N-policy Two-phase  $M^X/M/1$  Gated Queueing System with Server Startup and Breakdowns”, *International Journal of Open Problems in Computer Science and Mathematics*, 3(4) (2010), 563-584.
10. "Optimal Strategy Analysis of an N-Policy Two-Phase  $M/E_k/1$  Queueing System with Server Break downs and Gating", *Applied Mathematical Sciences*, 4(66) (2010), 3261-3272.
11. “Three fixed point results for three maps”, *Journal of Natural and Physical Sciences*, 18(1) (2004), 41-48.
12. “Generalizations of some fixed point theorems in complete metric spaces”, *Acta Ciencia Indica*, Vol. XXIX, M. 1 (2003), 31-34.

### Book Chapter Publications:

1. Chapter – 11, “An Algebraic Approach for Computing Vibrational Spectra of Triatomic Molecule” has been published in the book titled “Advanced Mathematics: Theory and Applications”, Volume – II (2018), by Research India Publications, ISBN: 978-93-87374-33-1, 207-214.

### National/International Conferences/Workshops:

1. Participated in Five Day National Workshop on Physics of Fluids: Methods and Application during 1-2 March, 2019 & 20-22 February, 2020; organized by Department of Mathematics, School of Science, GITAM (Deemed to be University), Hyderabad.
2. Participated as a ‘prichchaka’ in “GANITA DASAAVADHANAM” conducted on 6<sup>th</sup> September, 2019 by the Department of Mathematics, P.B.Siddhartha College of Arts & Science, Vijayawada.
3. Participated in the Two-day National Workshop on “RESEARCH INITIATIVES AND PROPOSAL DRAFTING IN MATHEMATICAL SCIENCES “, Sponsored by DST-SERB, Govt. of India, organized by Department of Mathematics, on 24<sup>th</sup> and 25<sup>th</sup> May, 2019 at Koneru Lakshmaiah Educational Foundation.
4. Participated in the Workshop on Physics of Fluids: Methods and Applications during 1-2 March 2019, held at School of Technology, GITAM (Deemed to be University), Hyderabad.
5. Participated as a ‘prichchaka’ in “GANITHA ASHTAVADHANAM” conducted on 18<sup>th</sup> January, 2019 by the Department of Mathematics, P.B.Siddhartha College of Arts & Science, Vijayawada.
6. Participated in the National Conference on “ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS” ON 17<sup>th</sup> & 18<sup>th</sup> November, 2017, Organized by Department of Mathematics, K L University, Vaddeswaram, Guntur District, Andhra Pradesh.
7. Presented a poster on “An Algebraic Method: Vibrational spectroscopy of distorted structure molecules” in the 2<sup>nd</sup> Andhra Pradesh Science Congress [APSC-2016] held



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at P.B. Siddhartha College of Arts & Science, Vijayawada during 7-9 November 2016.

8. Presented a paper titled 'Vibrational spectrum of Nitrogen trifluoride ( $\text{NF}_3$ ) using Lie algebraic method' in the TEQIP Sponsored two day National Conference on "MATERIALS FOR SPECIFIC APPLICATIONS" held at Department of Physics, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, during 29<sup>th</sup>-30<sup>th</sup> March 2016.
9. Attended an International conference on "OPERATIONS RESEARCH FOR A GROWING NATION", held by Operational Research Society of India in SV University, Tirupati, 15-17<sup>th</sup> December, 2008.
10. Attended "One day national workshop on ADVANCED MATHEMATICAL APPLICATIONS TO THE EMERGING TECHNOCRACY AND SIX SIGMA", held at V.R. Siddhartha Engineering College, Vijayawada, on 24<sup>th</sup> November, 2007.
11. Attended "Two-Day Mega Workshop on REAL ANALYSIS", held at Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada, 27-28 November, 2004.

### Faculty Development Programs (FDPs):

1. Attended 5-Day National level e-FDP on "Optimization Techniques and Applications" conducted by NIT, Andhra Pradesh from 21<sup>st</sup>-25<sup>th</sup> September, 2020.
2. Attended 3-Day National level e-FDP on "Tools for Online Class Room Post Covid-2019" conducted by P.B.Siddhartha College of Arts & Science from 18<sup>th</sup>-20<sup>th</sup> May, 2020.
3. Completed an AICTE approved two-week equivalent Faculty Development Programme (FDP201x) on "Pedagogy or Online and Blended Teaching-Learning Process" conducted by IIT Bombay from October 30, 2018 to December 13, 2018 with online activity and Physical participation at Remote Center.
4. Completed an AICTE approved two-week equivalent Faculty Development Programme (FDP101x) on "Foundation Program in ICT for Education" conducted by IIT Bombay from September 13, 2018 to October 18, 2018 with online activity and Physical participation at Remote Center.
5. Participated in 6-Day FDP on "Python & R Programming" organized by the E & ICT Academy, National Institute of Technology, Warangal at the Dept. of CSE, DhaneKula Institute of Engineering & Technology, Vijayawada, from 26-12-2016 to 31-12-2016.
6. Participated in 6-Day FDP on "Outcome Based Education" jointly organized by the E&ICT Academy, NIT, Warangal and DhaneKula Institute of Engineering & Technology, Vijayawada, during 06-06-2016 to 11-06-2016.

### Short Term Courses:

1. Participated 5-Day online Short Term Course on "Numerical Solutions of Differential Equations" conducted by NIT, Jalandhar from 16<sup>th</sup>-20<sup>th</sup> September, 2020.



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### **Certification Courses:**

1. Completed online course “Introduction to Programming with MATLAB” by Coursera.
2. Completed online course “Getting Started with Google Sheets” by Coursera.
3. Completed online course “Improve Business Performance with Google Forms”.

### **Achievements / Awards:**

1. Member, Board of Studies, P.B. Siddhartha College of Arts & Science (Autonomous) for TWO years from 16-02-2015 to 15-02-2017.
2. Member, Board of Studies, Sri Durga Malleswara Siddhartha Mahila Kalasala (Autonomous) for TWO years from 23-03-2015 to 22-03-2017.

### **Associations / Memberships:**

1. Life Member, Indian Society of Systems for Science & Engineering (ISSE),  
Member Number: LM03579.
2. Life Member, International Association of Engineers (IAENG),  
Member Number: 192323.

**Dr. B.V.S.N. Hari Prasad**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name : Vasanthi. Vasireddy  
 Designation : Associate Professor  
 Date of Joining : 01.07.2009  
 Nature of Association : Regular  
 Email & Phone No. : vasanthi.vasireddy@yahoo.com , 9247271848  
 Department : English (S&H)  
 Education Background : M.A (English) , (Ph.D)  
 Research Areas : English Language / Literature (Indian Women Novelists)  
 Experience : 25 Years



S.No	Institute	Designation	Date of Joining	Date of Leaving	Period
1	Chaitanya Degree College , Nandigama	Lecturer	01.06.1996	31.06.1999	3 yr
2	K.V.R.College, Nandigama	Lecturer	01.07.1999	06.02.2000	8 months
3	Nimra College of Engineering and Technology, Jupudi	Assistant Professor	07.02.2000	31.05.2009	9yr 4mon
4	Dhanekula Institute of Engineering and Technology, Ganguru	Associate Professor	01.07.2009	---	10 yr

**FDPs/Workshops attended** 25

**Paper Presentations at Conferences** 27

**List of Short term Courses / MOOCS: 6**

S.No	Title of the Course	Offered by	Period	Month / Year of Certification
1	Management and Leadership: Growing as a Manager	The Open University	4 weeks	Oct 2017
2	Becoming a Better Teacher : Exploring Professional Development	British Council / UCL Institute of Education	6 weeks	Mar 2018
3	English Language for Competitive Exams	NPTEL	12 weeks	Jul - Oct 2018
4	Soft Skills	NPTEL	12 weeks	Jul - Oct 2018
5	Educational Leadership	NPTEL	8 weeks	Aug - Sep 2018
6	Stress Management	NPTEL	4 weeks	Aug - Sep 2018

**List of Publications: 9**

**(National and International Journals: 6 & Nation/International Conferences: 3 )**

S.No.	Paper	Journal / Conference
1	“Do Women Novelists Deal with only Women?”	Asian Journal of Multidisciplinary Studies Volume 2, Issue 3, March 2014
2	‘The Indian Sensibility in Anita Nair’s Ladies Coupe’ Pg.No.: 253	Scholarly Research Journal for Humanity Science and English Language Volume 1, Issue 2, Feb-Mar 2014 ISSN: 2348-3083
3	“Sagacity amid Stupidity “ a study of Sita’s character in ‘Where Shall We Go This Summer’	Asian Journal of Multidisciplinary Studies Volume 2, Issue 4, April 2014 ISSN: 2321-8819 (Online) 2348-7186 (Print)
4	Multifaceted Perspectives of Shashi Deshpande’s women in ‘The Binding Vine’	International journal of English: Literature, Language & Skills IJELLS, Volume- 3 issue 2, July 2014 ISSN 2278 0742
5	“The Struggle for Identity in Anita Desai’s <i>Bye-Bye Blackbird</i> ”	The Criterion An International Journal in English Aug 2014 Volume-5 Issue -4 ISSN: 0976-8165
6	‘Akhila’s Escape to Kanyakumari – a Travel in Search of ‘Self’”	International Multidisciplinary Research journal Volume III Is January 2015ISSN-2347-503X
7	‘Spiritual Gain through Sensuous Sign’ April 2014	English Language and Soft skills: Problems and Perspectives IS 978-93-5126-355-5
8	‘Openness to Experience- The Key to Effective Communication’	Research Journal of English , Vol 2, Special Issue, Mar 2017, ISSN: 2456-2696
9	‘The Bhagavad Gita – The Master of Managerial Skills’	The Bhagavad Gita – To Become the Best Teacher, April 2017 , ISBN:978-93-5268-196-9



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**Associations / Memberships :** ELTAI (Memb. No: 30011643) , IAENG (Memb. No: 186419)

**Achievements / Awards etc :** Invited Lectures and Chairmanships

S.No	Title of Lecture / Academic Session	Title of Conference / Seminar etc	Date (s) of the event	Organized by
1	'English Language Teaching'	National Seminar on 'Continuing Professional Development in English Language Teaching: Opportunities and Challenges'	5 Jan 2013	Andhra Loyola Institute of Engineering and echnology, Vijayawada
2	'The Role of English Language Teaching in Globalized World'	National Conference on 'The Role of English Language Teaching in Globalized World'	12-13 Sep 2013	Chouksey Engineering College , Bilaspur
3	Teacher Training	'AP English Skills' at Usha Rama College of Engineering, Telaprolu	19-23 June & 27 June - 1 July 2017	APSCHE / British Council
4	Teacher Training	'AP English Skills' at DhaneKula Institute of Engineering and Technology	24-28 July & 29 July - 4 Aug 2017	APSCHE / British Council
5	'English Communication Skills'	Happy English Learning Programme	17-18 Jan 2018	AP Library Association
6	Women Achievers	International Women's Day	8 Mar 2019	Storm – Overseas, Vijayawada

**Vasanthi.Vasireddy**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : Dr.M.Nagarjuna  
 Designation : Associate Professor of Physics  
 Date of Joining : 03/09/2010  
 Nature of Association : Regular  
 Email & Phone No. : [nagarjunaphysics@gmail.com](mailto:nagarjunaphysics@gmail.com) -9949618182  
 Department : B S&H (Physics)  
 Educational Background : Ph.D from Acharya Nagarjuna University  
 M.Phil from Acharya Nagarjuna University  
 M.Sc (Physics) from Acharya Nagarjuna University  
 Research Areas : Material Science  
 Experience : 17 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engg & Tech, Ganguru	Associate Professor	3-9-2010 to till date
2	Vikas college of Engg& Tech, Nunna	Associate Professor	1-10-2009 to 2-9-2010
3	Vikas Degree college (P.G Courses)	Lecturer	2-7-2003 to 31-3-2005

## List of Publications

S. No.	Title of the paper	Name of the journal	Scopus Journal/Impact factor
1	Influence of Ag <sub>2</sub> O on some physical properties of LiF–TiO <sub>2</sub> –P <sub>2</sub> O <sub>5</sub> glass system	Journal of alloys and compounds	4.650
2	Ag concentration dependent transport properties of LiF–MoO <sub>3</sub> –P <sub>2</sub> O <sub>5</sub> glasses	PHYSICA B	1.902
3	Electrical conduction and other related properties of silver ion doped LiF–V <sub>2</sub> O <sub>5</sub> –P <sub>2</sub> O <sub>5</sub> glass system.	PHYSICA B	1.902
4	Influence of WO <sub>3</sub> on some Physical properties of MO–Sb <sub>2</sub> O <sub>3</sub> –B <sub>2</sub> O <sub>3</sub> (M= Ca, Pb and Zn) glass system.	Journal of alloys and compounds	4.650
5	Influence of titanium ions on spectroscopic and dielectric properties of PbO–Bi <sub>2</sub> O <sub>3</sub> –As <sub>2</sub> O <sub>3</sub> glasses.	IOP Publications	--
6	Spectral characteristics of titanium ions in Ag <sub>2</sub> O mixed lithium fluoro phosphate glass system	International journal of luminescence and its applications	0.83
7	The influence of Ag <sub>2</sub> O on the dielectric properties of LiF–CaO–B <sub>2</sub> O <sub>3</sub> glasses	Physics and Chemistry of Glasses - European Journal of Glass	0.897
8	Spectroscopic properties of PbO–Sb <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> : MnO glass system	Materials today	0.837
9	The optical absorption and fluorescence properties of Sm <sup>3+</sup> ions in LiF–MO–B <sub>2</sub> O <sub>3</sub> (MO= CaO, CdO, BaO and PbO) Glasses	Book Chapter	--
10	Spectroscopic features of chromium ions in Li <sub>2</sub> O–BaO–B <sub>2</sub> O <sub>3</sub> glasses	Materials today	0.837



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## SEMINARS/CONFERENCES/WEBINARS

1. International Conference on “Cutting-edge Research in Material Science and Chemistry, organized by department of chemistry and Bio sciences Manipal university Jaipur January 11-12, 2021.
2. Online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 19-23 October 2020 as organized by All India Council for Technical Education (AICTE).
3. A two-day National seminar on Need and role of Non-Conventional energy source for sustainable future. A N R College, Gudiwada 23<sup>rd</sup> & 24<sup>th</sup> January 2018
4. National seminar on Physics and Chemistry on Non-Crystalline materials 1st and 2<sup>nd</sup> December, 2017 at Nandigama. Mixed conductivity studies in silver oxide-based lithium -vando-Phosphate glasses.
5. National seminar on Recent trends in Chemistry and Physics of materials 15 and 16th September, 2017 at S.R.R and C.V.R Govt Degree college vijayawada Influence of bismuth ions on Na<sub>2</sub>O-SiO<sub>2</sub>-CuO glasses
6. International seminar on Biomass-Sustainable solutions on energy, chemicals & Industrial materials 22<sup>nd</sup> september, 2016.
7. National seminar on characterization techniques of materials 28<sup>th</sup> & 29<sup>th</sup> March, 2016 at ANU college guntur, Spectroscopic properties of titanium ions in Ag<sub>2</sub>O mixed lithium fluoro borate glass system.
8. National seminar on multifunctional materials synthesis and its applications-Machilipatnam Jan-2015.
9. International seminar on glasses and other functional materials A N U Guntur- December 2014.
10. National seminar on Development of advanced materials in Physics and Electronics and their applications Oct-2014. K B N College Vijayawada.
11. National seminar on multifunctional materials Andhra Loyola College, Vijayawada March-2013.
12. National conference on luminescence and its applications.  
(NCLA-2011) Pt. Ravi Shankar shukla University -Raipur Feb-2011
13. International Workshop and symposium on the synthesis and characterization of glass/Glass ceramics. Yashada Md centre Pune (IWSSCGGC-2010)-July-2010.
14. National seminar on Physics and Chemistry of materials Nagaram Guntur -July-2009.
15. International seminar on science & Technology of glass materials Acharya Nagarjuna University March-2009 AN U –Guntur.
16. National seminar on advances in Amorphous materials  
Acharya Nagarjuna University P.G centre, Nuzvid –Feb-2007.
17. National seminar on physics of non-crystalline materials.  
Acharya Nagarjuna University P.G centre, Nuzvid Dec-2004.



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### **FACULTY DEVELOPMENT PROGRAMS**

1. A National Level 3 Day Virtual Faculty Development Program on Advances in Energy Materials for Storage Systems”
2. 3 days online FDP programme on Virtual training for Renewable energy system 28<sup>th</sup> may to 30<sup>th</sup> may,2020
3. 8 weeks FDP on teaching and learning inengineering-2
4. Five days online faculty development programme on Material for thermal and Renewable energy Research
5. One day faculty development program on “challenges in building collaborations in research and innovation, May 11, 2020
6. Attended a one week faculty development program on outcome based education conducted by Electronics& ICT Academy, NIT Waragal and DhaneKula Institute of Engg & Tech, Ganguru, Vijayawada, during 6-6-2016 to 11-6-2016.
7. Trained as internal auditing of quality management system as per ISO 9001:2008, during 26-8-2013 to 28-8-2013 DhaneKula Institute of Engg & Tech, Ganguru, and Vijayawada

### **CERTIFICATION COURSES**

#### ➤ **NPTEL**

- 1.Teaching and learning in Engineering-I
- 2.Teaching and learning in Engineering-II

#### ➤ **COURSERA**

- 1.Quantum Mechanics
- 2.Material science
- 3.Write professional E-mails in English.
- 4.Introduction to psychology
- 5.Artificial intelligence for everyone
- 6.Fundamentals of GIS

### **Membership in Professional body**

1. Indian Society of Systems for Science & Engineering (ISSE)
2. International Association of Engineers (IAENG)

### **Achievements / Awards etc**

1. Ratified as Associate Professor in JNTUK in 2017.
2. Ratified as assistant Professor in JNTUK in 2014.
3. Appreciation from AMRITA University, Kerala for active involvement in ineffective utilization of virtual lab.



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Ganguru, Vijayawada – 521 139. Phone: 0866-2583842/43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : **Dronavalli Bhargavi**  
Designation : Assistant Professor  
Date of Joining : 01-08-2009  
Nature of Association : Regular  
Email & Phone No : bhargavi091985@diet.ac.in,  
bhargavi091985@gmail.com &  
9490002577  
Department : Basic Sciences & Humanities (Chemistry)  
Educational Background : M.Sc, (Ph.D)  
Research Areas : Organic Synthesis  
Experience : 13Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru, Vijayawada	Assistant Professor	2009-Till date
2	Narayana junior college, Vijayawada	Junior lecturer	2008-2009

### List of Publications (National and International Journals):

-Nil

### National/International Conferences:

- \* International conference on state of knowledge of chemistry in industry and environment S.V.R.M College, Nagam, Guntur, 22<sup>nd</sup> to 24<sup>th</sup> June, 2018.
- \* **Presented Poster At** 2<sup>nd</sup> Apscience Congress At P.B.Siddhartha College Of Arts And Science, Vijayawada, 7<sup>th</sup> To 9<sup>th</sup> November, 2016.
- \* International Seminar On Biomass-Sustainable Solutions On Energy, Chemicals & Industrial Materials Conducted At Usha Rama College Of Engineering And Technology, Vijayawada, 22<sup>nd</sup> September, 2016

### Professional Memberships:

- Life Member in International Association of Engineers (**IAENG**)
- Life Member in Indian Society of Systems for Science & Engineering (**ISSE**)

**Achievements / Awards etc:**

- \* Ratified as Assistant Professor from JNTUK in 2014.

**(D.Bhargavi)**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile



Name of the Faculty : **DANDAMUDI SRILAXMI**  
Designation : Assistant Professor  
Date of Joining : 13-09-2010  
Nature of Association : Regular  
Email & Phone No : srilaxmid@diet.ac.in, sree2983@gmail.com &  
9989633788  
Department : Basic Sciences & Humanities (Chemistry)  
Educational Background : M.Sc, (Ph.D)  
Research Areas : Organic Synthesis  
Experience : 16 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru, Vijayawada	Assistant Professor	2010- Till date
2	Narayana junior college, Vijayawada	Senior lecturer	2009-2010
3	Viswa Bharathi P.G College, Hyderabad	Lecturer	2007-2009
4	Adikavi Nannaya University, Rajahmundry	Lecturer(Part time)	2006-2007
5	Govt. Arts & Science College, Rajahmundry	Lecturer(Contract)	2005-2007

### **List of Publications (National and International Journals):**

\* Synthesis of 2-substituted Furo[3,2-b]pyridines Under Pd/C-Cu Catalysis Assisted by Ultrasound: Their Evaluation as Potential Cytotoxic Agents. Dandamudi SriLaxmi, Suryadevara V Vardhini, Venkata Rao Guttikonda, Mandava V B Rao, Manojit Pal. Anticancer Agents in Med Chem. 2020;20(8):932-940. (IF-2.556)

### **National/International Conferences:**

- \* A Two-Day National Webinar (Faculty Development Programme) on Analytical and Diagnostic Tools in Chemical and Life Sciences (ADTCL-2020) conducted by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences, 5th, 6th, June, 2020.
- \* National level FDP on Moving to Master Science in Technology conducted by Potti Sriramulu Chadalavadi Mallikarjuna Rao College of Engineering, 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup> June, 2020.

- \* International Webinar on “Current Applications of NMR Spectroscopy” organized by the PG Department of Chemistry, T.D.M.N.S. College, T. Kallikulam, Tirunelveli, Tamil Nadu, on 29<sup>th</sup> May, 2020.
- \* International conference on state of knowledge of chemistry in industry and environment S.V.R.M College, Nagram, Guntur, 22<sup>nd</sup> to 24<sup>th</sup> June,2018.
- \* AP Science Congress-2018 Yogi Vemana University,Kadapa, 9<sup>th</sup> To 11<sup>th</sup> November, 2018
- \* International Seminar on Technologies And Innovations For Societal Advancement (Tisa-2018) Conducted By A.G&S.G.Siddhartha Degree Colege of Arts And Science,Vuyyuru, 20<sup>th</sup> December, 2018.
- \* International Seminar On Biomass-Sustainable Solutions On Energy,Chemicals &Industrial Materials Conducted At Usha Rama College Of Engineering And Technology,Vijayawada, 22<sup>nd</sup> September, 2016.
- \* **Presented Poster** at 2<sup>nd</sup> Apscience Congress At P.B.Siddhartha College Of Arts And Science,Vijayawada, 7<sup>th</sup> To 9<sup>th</sup> November ,2016.
- \* Legislative Assembly Organizes National Women’s Parliament Pavitrasangamam, Amaravati, 10<sup>th</sup> To 12<sup>th</sup> February, 2017.
- \* National Seminar On Nanotechnology for Sustainability Of Rural India-Ntsri’14 At KI University ,Vaddeswaram, Guntur, 19<sup>th</sup> February ,2014.

National Conference On Recent Trends In Nanoscience And Technology Fordevice Applications (Rntda-2013 At KI University ,Vaddeswaram,Guntur, 4<sup>th</sup> ,5<sup>th</sup> April,2013.

#### **Professional Memberships:**

- Life Member in International Association of Engineers (**IAENG**)
- Life Member in Indian Society of Systems for Science & Engineering (**ISSE**)

#### **Achievements / Awards etc:**

- \* Best mentor Award for Academic Year 2016-17.
- \* Ratified as Assistant Professor from JNTUK in 2014.
- \* Ratified as Lecturer in organic chemistry from Osmania University in 2007.

**(D.Srilaxmi)**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile



Name of the Faculty : **Kudala Prasanna Kumari**  
Designation : Assistant Professor  
Date of Joining : 13-06-2013  
Nature of Association : Regular  
Email & Phone No : prasannamsc769@gmail.com  
6305891332  
Department : Basic Sciences & Humanities (Chemistry)  
Educational Background : M.Sc  
Research Areas : -  
Experience : 9 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru, Vijayawada	Assistant Professor	2013-Till date
2	G.C & Y.P.N Degree College	Lecturer	2012-2013

### List of Publications (National and International Journals):

-Nil

### National/International Conferences:

\* International conference on state of knowledge of chemistry in industry and environment  
S.V.R.M College, Nagram, Guntur, 22<sup>nd</sup> to 24<sup>th</sup> June, 2018.

### Professional Memberships:

➤ Life Member in International Association of Engineers (IAENG)

### Achievements / Awards etc:

-Nil

**(K.Prasanna Kumari)**



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Vijayawada – 521 139. Phone: 0866-2583842/43. Email:

dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### Faculty Profile

Name of the Faculty : Mopidevi Latha  
Designation : Assistant Professor  
Date of Joining : 17/06/2013  
Nature of Association : Regular  
Email & Phone No. : [mopidevi\\_latha@yahoo.in](mailto:mopidevi_latha@yahoo.in) & 9701772437  
Department : Basic Sciences & Humanities (Chemistry)  
Educational Background: 1. M.Phil (Chemistry- spectrophotometric &R HPLC assay methods for Tolterodine) from ANU, Guntur  
2. M.Sc. (Organic Chemistry) from KBN college, ANU, Guntur  
Research Areas : Drug analysis  
Experience : 8 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2013 – Till date

#### List of Publications (National and International Journals):

**1) A new stability indicating RP-HPLC assay method for tolterodine in market formulations, *American Journal of Pharmacy & Health Research* (Accepted).**

**2) Two new visible spectrophotometric assay methods for tolterodine in pure and commercial formulations, *International Journal of Pharmacy and Pharmacy Research*(Accepted).**

**National/International Conferences: Nil**

**Achievements / Awards etc: Nil**

**M.LATHA**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## FACULTY PROFILE

**Name of the Faculty** : Dr.Sri Lakshmi Chennupati  
**Designation** : Associate Professor  
**Date of Joining** : 17/09/2010  
**Nature of Association** : Regular  
**Email & Phone No.** : [drsrilakshmi9@gmail.com](mailto:drsrilakshmi9@gmail.com) & 9866 966 888  
**Department** : BS&H  
**Educational Background:**



S. No	Course	College/university	Specialization	Year of passing
1	P.G. Diploma	GITAM, university, Vishakapatnam, A P	Environment and Sustainable Management	2013
2	Bachelor of Education	Krishna University, Machilipatnam, A P	Biological Sciences & English Methodology	2013
3	Ph. D	Singhania University Rajasthan	Biotechnology	2011
4	M.Phil	Bharathidasan University Tiruchinapalli.	Biotechnology	2004
5	M. Sc	Montessori College of Science and Technology Nagarjuna University, Andhra Pradesh	Biochemistry	1999
6	B. Sc	St. Ann's College for Women, Andhra University, Visakhapatnam, A P	Biochemistry, Botany, Chemistry.	1997

### RESEARCH AREAS

**M Phil** : “HBA1C- A tool to diagnose metabolic disorder and influence of Diabetes Mellitus in the occurrence of tuberculosis”

**PhD** : “Studies on Isolation, Cloning and expression of Methioninase gene of Pseudomonas putida”

### PROFESSIONAL MEMBERSHIP

- Life Member in The Indian Association for Parenteral and Enteral Nutrition - IAPEN
- Life Member in Indian society of systems for science and engineering- ISSE
- Life Member in International association of engineers -IAENG
- Member of Nutrition and Diabetes, India
- Member of Renal Nutrition, India



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**EXPERIENCE : 21 Years**

S.No	Institute	Designation	Period
1	DhaneKula Institute of Engineering and Technology, Ganguru	Associate Professor	2010 till date
2	Andhra Loyola College, Vijayawada.	PG Lecturer	1999 - 2001
3	P.B. Siddhartha Arts and Science Degree College, Vijayawada.	UG Lecturer	2002- 2009.
4	News Degree College, Visakhapatnam.	UG Lecturer	1999 - 2001

## LIST OF PUBLICATIONS (NATIONAL AND INTERNATIONAL JOURNALS)

### 1. Life Sciences International Research Journal Volume 3 Issue 2 ISSN 2347-8691- 2016- E Impact Factor 2.87

*“Studies on Selected Heavy Metal Pollution on Fresh Water Fishes from Krishna River near Ibrahimpatnam (Md), Krishna (Dt), India*

### 2. E-Journal of Science & Technology (e-JST)11 (2), 2016

*“Determination of cilazapril in micrograms concentration using spectrophotometry”*

### 3. International Journal of New Technologies in Science and Engineering

**Vol. 1, Issue. 4, Dec. 2014, ISSN 2349-0780 [TIF:6.01]**

*“Health Impact Assessments in Adolescence Girls Studying Intermediate in Andhra Pradesh Corporate Colleges and Government Colleges: A Prospective Study”*

### 4. International Journal of New Technologies in Science and Engineering Vol. 1, Issue. 4, Dec. 2014, ISSN 2349-0780[TIF:6.01].

*“Effect of Selected Heavy Metals on Seed Germination and Plant Growth in Tomato Plant (Solanum lycopersicum) Grown in Solid Medium”*

### 5. Asian Journal of Biochemical and Pharmaceutical Research Issue 2 (Vol. 4) 2014 ISSN: 2231-2560[SJIF:2.56; Global Impact factor:0.456].

*“A study on evaluation of Serum Uric acid in Normal and Hypertensive patients”*

### 6. International Letters of Natural Sciences 11(1) (2014) 69-84 ISSN 2300-9675 [GIF;0.876].

*“Enzymatic assay of opioid analgesic, tramadol, using horseradish peroxidase “*

### 7. Engineering Sciences International Research Journal (2013) Feb. 21-23 Vol. I , Issue. II, ISSN-2320-4338[Impact factor:4.116]

*“Studies on short term effect of uv-b radiation on photosynthetic electron transport activities in the rice (oryza sativa) primary leaves.”*

### 8. Journal of Advances in Science and Technology-2012(IgnitedMinds) Vol. III, No. VI, August-2012, ISSN 2230-9659

*“Insilico parameters of Methioninase of Pseudomonas putida”*

### 9. Advances in Applied science research-2013 (Pelagia research library) ISSN: 2249-7412. [Journal Impact Factor: 3.52\* (5-Year Impact Factor)]

*“Comparative “studies on growth parameters and physio-chemical analysis of Pleurotus ostreatus and Pleurotus florida”*

### 10. Advances in Applied science research-2013 (Pelagia research library) ISSN:0976-8610[Global impact factor:0.533].

*“Studies on impact of diabetes mellitus on tuberculosis in coastal region of Andhra Pradesh”*

### 11. Asian journal of biochemical and pharmaceutical research-2012 Issue 2 (Vol. 2) 2012 ISSN: 2231-2560. [SJIF:2.56; Global Impact factor:0.456].

*“Uv-b radiation in combination with white light mediated alterations in the photochemical*



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*activities of barley leaves.*”

**12. Asian journal of biochemical and pharmaceutical research-2012 Issue 2 (Vol. 2) 2012 ISSN: 2231-2560 [SJIF: 2.56; Global Impact factor:0.456].**

*“Studies on antioxidant capacity of petroleum ether and acetone extracts of pleurotus florida”*

**13. Asian journal of chemistry- 2009 Vol. 21, No. 9(2009), 6647-6650[Impact factor: 0.20]**

*“Spectrophotometric Determination of phenolic antioxidants”*

**14. Journal of pharmaceutical technology and research -2009 J. Pharm. Tech. and Res. 1 (2), 30-35 (2009) [ISSN:0975- 4377 ][Scopus-15 H index].**

*“Studies on the Enzyme Methioninase of Pseudomonas putida exploited for the treatment of cancer”*

### CONFERENCES

1. Presented a paper on “VMC –Waste Management in “National Seminar on Novel strategies for Environment” organized by department of chemistry in association with - AP Pollution Control Board Vijayawada on 22<sup>nd</sup> March 2018 at P.B. Siddhartha college of Arts & Science, Vijayawada
2. Paper Presented on “Third cleanest city of India in Swatch bharath survey 2017: A case study of Vishakapatnam, Andhra Pradesh” in perspectives on solid waste management” (NSSWM-2017) organised by Dept of Biosciences & Biotechnology, Krishna University, Machilipatnam. 12<sup>th</sup> & 13<sup>th</sup> October 2017
3. Paper presented on “Studies on Selected Heavy Metal Pollution on Fresh Water” in International Conference on Microbiology, Agriculture & Environmental Sciences-2016 organized by International Multidisciplinary Research Foundation (IMRF) from 1<sup>st</sup>-3<sup>rd</sup> Sep 2016 at St.Pious X Degree & PG College for Women ,Hyderabad .
4. Paper presented on “Health Impact Assesments in Adolescence girls studying Intermediate in Andhra Pradesh Corporate Colleges” in International conference on Electrical, Electronics Engineering Trends Communication, Optimization and Sciences at DhaneKula college of Engineering Technology, Ganguru Organised by IRET on 11<sup>th</sup>-2<sup>th</sup> Oct 2014
5. Paper presented on “Evaluation of biodegradation capability of selected toxic textile dye by using bacterial strains isolated from effluent contaminated samples” in National Seminar on Renewable Energies, Eco-Systems and Sustainable Environmental Management” organized by Dept of Environmental Sciences Sponsored by UGC held on 20<sup>th</sup> and 21<sup>st</sup> February, 2014.
6. Paper presented on “Studies on short term effect of uv-b radiation on photosynthetic electron transport activities in the rice (oryza sativa) primary leaves”. in International Conference on Information & Engineering Sciences-2013 organized by International Multidisciplinary Research Foundation (IMRF) 21<sup>st</sup>-23<sup>rd</sup> February 2013
7. Paper presentation on “Hba1c- a tool to diagnose metabolic disorder and influence of diabetes mellitus in occurrence of tuberculosis.” in National Symposium on conservation of Biodiversity and Applications of Biotechnology Sponsored by UGC Andhra Loyola College Vijayawada 11<sup>th</sup>-12<sup>th</sup> August 2006



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### **FACULTY DEVELOPMENT PROGRAMS**

1. Participated in Five Days Online Faculty Development Program on NAAC Awareness Programme for Faculty conducted by Marathwada Mitramandal's Institute of Technology (MMIT), Lohgaon, Pune from May 8<sup>th</sup> – 14<sup>th</sup> 2020
2. Participated in Online Faculty Development Program on NBA conducted by Bharati Vidyapeeth College of Engineering, Belapur, Navi Mumbai on May 10<sup>th</sup>, 2020
3. Participated in Four Days Online Faculty Development Program on Multidisciplinary Approach towards Emerging Trends in Science and Humanities conducted by Ramachandra College of Engineering, Eluru, AP. From June 1<sup>st</sup> to 4<sup>th</sup> 2020
4. Participated in Three Days Online Faculty Development Program on “Outcome based Education Faculty Development Program” from July 8<sup>th</sup> to 10<sup>th</sup> 2020 conducted by KITS college, Guntur
5. Participated in Five Days Online Faculty Development Program on Orienting Applications & Conceptualized Aspects of Sciences & Humanities conducted by Balaji Institute of Technology & Science, Warangal from July 7<sup>th</sup> – 25<sup>th</sup> 2020
6. Participated in Five Days Online Faculty Development Program on Amplifying Proficiency in Advanced Civil Engineering conducted by AISSMS, IOIT, Pune from July 27<sup>th</sup> – 31<sup>st</sup> 2020
7. Attended online Faculty development Programme in “Enhancing soft skills and Personality “by NPTEL-AICTE associated with IIT Kanpur from Feb-Apr 2019
8. Participated in Teacher Training Program by APSHCHE & British Council for Two Weeks at DhaneKula Institute of Engineering & Technology, Ganguru from July 24<sup>th</sup> to Aug 4<sup>th</sup> 2017
9. Participated in One day faculty Development program on Characteristics of Nano materials on 27<sup>th</sup> April 2012 organized by Department of Mechanical engineering and chemistry under TEQIP-II SC1.2 at V.R Siddhartha engineering college Vijayawada.

### **WORKSHOPS**

1. Attended online Training Program on Tools & Techniques for Efficient & Effective Teaching Learning conducted by Prof Ram Meghe Institute of Technology & Research, Badnera-Amravati from July 6<sup>th</sup> -10<sup>th</sup> 2020
2. Attended online Workshop on Women in Cyber Security and Privacy conducted by St. Martins Engineering College, Secunderabad from July 6<sup>th</sup> -10<sup>th</sup> 2020
3. Attended online Workshop on International Infotainment Program-E Mahila Saaroh conducted by Gurunayak College, Chennai from July 3<sup>rd</sup> -7<sup>th</sup> 2020
4. Attended online Workshop on Start Ups awareness & its Significance conducted by Lakireddy Bali Reddy College on June 29<sup>th</sup>, 2020
5. Attended online Training Program-Refresher Course-on Bharatiya Chaitanyam conducted by Chaitanya Bharathi Institute of Technology, Hyderabad from June 29<sup>th</sup> -May 7<sup>th</sup>, 2020
6. Participated in one day workshop for teachers and System administrators conducted by Teacher Learning Centre at IIT Bombay on “Moodle Learning Management System” in DIET, Ganguru, AP on 15<sup>th</sup> March 2019.
7. Participated in a Short-term course on Self-Awareness and Higher Goals in Education SAHGE 2018 from June 4 - 8, 2018 at Teaching Learning Centre and International & Alumni Relation, Indian Institute of Technology Madras, Chennai, India.



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8. Participated in NSSWM-2017 organised by Dept of Biosciences & Biotechnology, Krishna University, Machilipatnam. 12<sup>th</sup> & 13<sup>th</sup> October 2017
9. Participated in State level Orientation Programme on the activities of National green Corps at DhaneKula College of Engineering Technology, Ganguru, Krishna District from 27<sup>th</sup> Feb To 28<sup>th</sup> Feb 2017 organised by Dept of Environment, Forests, Science & Technology Govt of AP, Amaravathi .
10. Participated in National Women Parliament as a Facilitator from Feb 10<sup>th</sup> –Feb-12<sup>th</sup> 2017 organized by Legislative assembly AP. at Ibrahimpatnam, Vijayawada
11. Attended Faculty Workshop on Environmental Studies: Innovative Teaching Methodologies Conducted by Dr. R. Raja Gopalan at RVR & JC College of Engineering Guntur on Oct 3<sup>rd</sup>, 2016
12. Attended Faculty Workshop on Environmental Studies: Innovative Teaching Methodologies Conducted by Dr.R. Raja Gopalan at RVR & JC College of Engineering Guntur on Oct 3<sup>rd</sup>, 2016
13. Participated in National Workshop on “Recent Trends in Urban Solid Waste Management” organized by Civil Dept. Siddhartha Engineering College, Vijayawada on 4<sup>th</sup> November 2015
14. Participated in National Workshop on “Recent Trends in Urban Solid Waste Management” organized by Civil Dept. Siddhartha Engineering College, Vijayawada on 4<sup>th</sup> November 2015
15. Participated in A National level one day workshop on Challenges in Teaching at Engineering colleges & Counseling Strategies for Engineering Graduates organized by Dept of English at Amrita Sai Inst of Science & Technology, Paritala Krishna District 8<sup>th</sup> –Sep 2012
16. Participated in Workshop on Recent Analytical methods 22<sup>nd</sup>-23<sup>rd</sup> July 2011 Sponsored by UGC New Delhi P.B Siddhartha College of Arts and Science Vijayawada.
17. National Workshop on SAS and its Applications in Biotechnology and Pharmacy from Jan 21<sup>st</sup>-23<sup>rd</sup> 2010 organized by Dept of biotechnology ANU Guntur & Configer Bio-Pharma services.

### **SEMINARS/CONFERENCES/WEBINARS**

1. Participated in Webinar on Awareness Program on OBE conducted by MLR Institute of Technology on May 18<sup>th</sup> 2020
2. Participated in Webinar on Impact of Covid -19 on Environment conducted by Gayathri Vidhya Parishad college for UG & PG Courses, Visakhapatnam on June 5<sup>th</sup>, 2020
3. Participated in Webinar on Impact of Covid in Engineering Education & Way forward conducted by GEC, Gudlavaleru, AP on June 9<sup>th</sup>, 2020
4. Participated in Webinar on Disassembly planning of End of Life products- Environmental & Economical Aspects conducted by NRI Institute of Technology, Vijayawada, AP on June 13<sup>th</sup> 2020
5. Webinar on Health Environment and Educational Aspects of Covid-19 conducted by Andhra Christian college, Guntur from June 15<sup>th</sup> - 16<sup>th</sup> 2020
6. Participated in Webinar on Innovative approaches for Effective Teaching conducted by Vishaka Technical Campus, Vishakapatnam, AP on June 20<sup>th</sup> 2020
7. Webinar on Hybrid E teaching tools - Classroom around the world conducted by L.S.Raheja College of Arts & Commerce, Mumbai on June 16<sup>th</sup> 2020
8. Participated in Webinar on English Language Teaching Practice conducted by Adhikavi Nanaya University, Raghamahendra varam on June 17<sup>th</sup> 2020



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9. Participated in Webinar on International Virtual Colloquium on Environmental Humanities conducted by Adhikavi Nanaya University, Raghamahendra varam on June 20<sup>th</sup>, 2020
10. Participated in Webinar on Nutraceuticals and Medicinal Herbs for Health& Immunity conducted by St. Josephs College for Women, Visakhapatnam, AP on June 20<sup>th</sup>, 2020
11. Participated in Webinar on Role of IOT in COVID-19 conducted by NRI Institute of Technology, Vijayawada, AP in June 22<sup>nd</sup>2020
12. Participated in Webinar on Sustainable Approaches for Environment Protection Lesson from Covid-19 Pandemic conducted by KIET Group of Institutes, Lucknow on June 30<sup>th</sup>, 2020
13. Participated in Webinar on International Webinar on Functionalized quinoxalines as SAIRT 1 Inhibitors conducted by P.B.S. College of Arts &Science, Vijayawada on June 27<sup>th</sup>, 2020
14. Participated in Webinar on Post Covid Opportunities conducted by VIT, Vellore on June 30<sup>th</sup>, 2020
15. Participated in Webinar on Chemical Sciences a perfect shield for Human Life in Pandemic Era conducted by MSP Mandal's Arts, Commerce &Science college, Kille-Dharuron July 25<sup>th</sup>, 2020
16. Participated in Webinar on Environment Conservation Your Social Responsibility during Covid-19 conducted by ANU, Guntur, AP on June 30<sup>th</sup>, 2020
17. Participated in Webinar on Webinar on Innovative Teaching Skills in Technical Education conducted by Sree Vahini Institute of Science and Technology, Tiruvuru , AP on July 7<sup>th</sup> 2020
18. Participated in “National Seminar on Novel strategies for Environment” organized by department of chemistry in association with -AP Pollution Control Board Vijayawada on 22<sup>nd</sup> March 2018 at P.B. Siddhartha college of Arts & Science, Vijayawada.
19. Participated in 1<sup>st</sup> National conference on “Recent advances in civil engineering for global sustainability” organized by dept of Civil Engineering, SRK institute of Technology, Vijayawada 17<sup>th</sup> & 18<sup>th</sup> February 2017.
20. Participated in National Women Parliament as a Facilitator from Feb 10<sup>th</sup> –Feb-12<sup>th</sup> 2017 organized by Legislative assembly AP. Ibrahimpatnam , Vijayawada
21. Participated in International Conference on Microbiology, Agriculture& EnvironmentalSciences-2016 organized by International Multidisciplinary Research Foundation (IMRF) from 1<sup>st</sup>-3<sup>rd</sup> Sep 2016 at St.Pious X Degree &PG College for Women, Hyderabad.
22. Participated in A two Day National Seminar on “Shaping the future with Nano Sciences “held on 19<sup>th</sup> &20<sup>th</sup> August 2015 at P.B. Siddhartha college of Arts & Science, Vijayawada, sponsored by UGC
23. Participated in Seminar on “Solar Energy for Green Environment” at P.V.P Siddhartha Institute of Technology, Vijayawada on 31<sup>st</sup> March 2015 by Dept of Freshman Engineering
24. Participated in International conference on Electrical, Electronics Engineering Trends Communication, Optimization,
25. and Sciences at DhaneKula college of Engineering Technology, Ganguru Organised by IRET on 11<sup>th</sup>-12<sup>th</sup> Oct 2014
26. Participated in National Seminar on Renewable Energies, Eco-Systems and Sustainable Environmental Management” organized by Dept of Environmental Sciences Sponsored by UGC held on 20<sup>th</sup> and 21<sup>st</sup> February 2014.
27. Participated in National Poster Symposium-II on the “Advances in Organic/Medicinal chemistry”(AOMC-2013) conducted by the Krishna University and Royal Society of



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

chemistry(London) held at Auditorium, Siddhartha Academy, Vijayawada, AP, INDIA on December 21<sup>st</sup> 2013

28. Participated in National Seminar on “Improved Strategies in the Sustained Biodiversity” on 27<sup>th</sup> and 28<sup>th</sup> February 2013 at P.B. Siddhartha college of Arts & Science, Vijayawada, organized by the Dept of Zoology.
29. Participated in International Conference on Information & Engineering Sciences-2013 organized by International Multidisciplinary Research Foundation (IMRF) 21<sup>st</sup>-23<sup>rd</sup> February 2013
30. Participated in 5<sup>th</sup> AP Science Congress 2012 organized by AP Academic of sciences and ANU, Guntur on Nov 14<sup>th</sup> -16<sup>th</sup> 2012
31. Participated in National Seminar on “Biotech-forays into Environment “Andhra Loyola College by PG Dept of life Sciences from 3<sup>rd</sup> -4<sup>th</sup> February 2010
32. Participated in International Symposium on Emerging Trends in Biomedical and Nano biotechnology: Relevance to Human health Dept of biotechnology ANU Guntur & Dept of Nano technology ANU Guntur from December 19<sup>th</sup>-21<sup>st</sup> 2009
33. Participated in National Seminar on “The promise of Nano-science “Sponsored by UGC New Delhi organized by Dept of chemistry P.B Siddhartha College of Arts And Science Vijay Wada on 6<sup>th</sup>-7<sup>th</sup> March 2009
34. Participated in National Seminar on Green Organic Synthesis in Pharmaceuticals an Overview Sponsored by Siddhartha Academy of General Education and Aptuit Laurus Pvt Ltd Hyderabad on 15<sup>th</sup> December 2007 organized by Dept of chemistry P.B Siddhartha College of Arts and Science Vijayawada.
35. Participated in Regional seminar on Emerging Applications of biochemistry, Dept of Biochemistry Vignan School of P.G Studies Guntur on September-30<sup>th</sup> 2007
36. Participated in National Symposium on conservation of Biodiversity and Applications of Biotechnology Sponsored by UGC Andhra Loyola College Vijayawada 11<sup>th</sup>-12<sup>th</sup> August 2006
37. Participated in Workshop on Advanced Molecular Biology Techniques Center for biotechnology ANU Guntur & Helini Biomolecules, Chennai 29<sup>th</sup>-31<sup>st</sup> July 2006
38. Participated in Regional seminar on Environmental pollution with special Reference to Pesticide Pollution P.B Siddhartha College Vijayawada Sponsored by UGC New Delhi 28<sup>th</sup>-29<sup>th</sup> July 2006
39. Participated in “Chemical Association & Natural products Meet” on 1<sup>st</sup>- September 2003 at P.G Centre P.B Siddhartha College of Arts and Science Vijayawada-10

### ACHIEVEMENTS / AWARDS:

- Received Best Mentor for the Academic year 2016 -2017 & 2018-19 by the Student Counseling Cell, DIET, Ganguru.
- Received outstanding support award as Nodal officer for conducting Innovations of Engineering Technology-IET' 17
- Ratified as Associate Professor in Environmental Sciences from JNTUK in March 2017

**Dr. Sri lakshmi Chennupati**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile



Name of the Faculty : Mr.A.Srinivasa Rao  
Designation : Assistant Professor  
Date of Joining : 1/08/2009  
Nature of Association : Regular  
Email & Phone No. : diet.asrmaths@gmail.com –9848929249  
Department : B S&H (Mathematics)  
Experience : 28 Years  
Educational Background :

Name of the degree / Diploma / Examination ( with field of study / specialization in bracket)	Name of the examining body (Name of the body awarding degree / diploma /certificate)	Institution	Year of passing	Division / Class	% of marks
M.Sc. (1991to1993)	A. N .U	Bapatla Arth and science college	1993	First class	65
B.Sc. (1987to1990)	A.N.U	S .V.R. M college Nagaram	1990	Second class	59.5
Intermediate ( 1985to1987)	Board of inter mediate	S .V.R. M college Nagaram	1987	First class	65

### Teaching / Industrial / Research experience: 25 Years

Name of the employer (Full name with location)	Designation	Date of Joining	Date of leaving	Duration of work (in years)	Scale of pay
Dhanekula Institute of Engineering & Technology	Assistance professor	1/07/2009		11	15600-39100 with AGP 6000
Sri vidya junior and Degree college chirala	Senior Lecturer	1993	1998	6	
Geetanjal i junior college	Senior Lecturer	1998	2003	5	
Narayana junior college vijayawada	Senior Lecturer	2003	2009	6	



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

List of Publications (National and International Journals): Nil

## Seminars/Conference/ Workshops

1. Online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 19-23 October 2020 as organized by All India Council for Technical Education (AICTE).
2. Completed certification course on Introduction to Ordinary Differential Equations from Korea Advanced Institute of Science and Technology(KAIST)

## Membership in Professional body

1. Indian Society of Systems for Science & Engineering (ISSE)
2. International Association of Engineers (IAENG)

## **Achievements / Awards etc**

1. Ratified as assistant Professor in JNTUK in 2014.

A Srinivasa Rao



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Email: dietoffice2009@rediffmail.com; URL:  
www.diet.ac.in

## Faculty Profile

Name of the Faculty : Madhu Latha Parvatham  
Designation : Assistant Professor  
Date of Joining : 02/09/2010  
Nature of Association : Regular  
Email & Phone No. : madhulathaparvatham@gmail.com  
Department : Basic Science & Humanities  
Educational Background : 1. M. Phil From Perriyar University, Chennai  
2. M.Sc From ANU, Guntur  
Research Areas : Boolean algebra  
Experience : 14 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engg. & Tech.	Asst. Professor	2010-Till date
2	MIC College of Technology	Asst. Professor	2008-2010
3	PB Siddhartha College of Arts & Science	Lecturer	2006-2008

**List of Publications (National and International Journals): Nil**

### National/International Conferences:

1. Two day national workshop on “Recent advances in mathematics and computer science ,applications in technology, cryptology, quality and business(RAM-2014),VR Siddhartha ,Vijayawada.
2. FDP on Latex at DhaneKula Institute of Engineering and Technology, Vijayawada.
3. Online FDP on orienting applications and conceptualized aspects of sciences and humanities.

### Achievements / Awards etc:

1. NPTEL online certified course on “Enhancing Soft Skills and Personality”.
2. Online course “The science of well being” offered through Course era.
3. Online course on examination reforms organized by AICTE.

**P. Madhu Latha**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : V. P. Vineela Korada  
Designation : Assistant Professor  
Date of Joining : 17/09/2010  
Nature of Association : Regular  
Email & Phone No. : [vineela.korada@gmail.com](mailto:vineela.korada@gmail.com) & 9440117714  
Department : Basic Science & Humanities  
Educational Background : 1. M. Phil Form ANU, Guntur  
2. M. Sc From OU, Hyderabad  
Research Areas : Fuzzy Logic  
Experience : 14Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engg. & Tech.	Asst. Professor	2010-Till Date
2	Nova Engineering College	Asst. Professor	2006-2010

### List of Publications (National and International Journals):

1. Interval valued intuitionistic fuzzy positive implicative Hyper BCK-ideals of Hyper BCK-algebras.

### National/International Conferences:

1. Two day national seminar on “Recent developments in Mathematics and its applications” at ANU.
2. Two day national workshop on “Latest developments in Algebra and its applications” at Tellakula Jalayya Polisetty Somasundaram college, Guntur.
3. FDP on Latex at DhaneKula Institute of Engineering and Technology, Vijayawada.

### Achievements / Awards etc:

1. NPTEL online certified course on “Enhancing Soft Skills and Personality”.
2. Online course “The science of well being” offered through Course era.

**V. P. Vineela Korada**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : Anil Arepalli

Designation : Assistant Professor

Date of Joining : 06/06/2011

Nature of Association : Regular

Email & Phone No. : [anilarepalli08@gmail.com](mailto:anilarepalli08@gmail.com) & 898 535 1885

Department : Basic Science & Humanities

Educational Background : 1. Pursuing Ph.D From ANU, Guntur  
2. M. Sc (Stats) From HCU, Hyderabad  
3. M. Sc (Maths) From ANU, Guntur

Research Areas : Statistical Quality Control, Control Charts, Operations Research

Experience : 11 Years



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engg. & Tech	Asst. Professor	2011-Till date
2	NRI Institute of Technology	Asst. Professor	2010-2011

**List of Publications (National and International Journals): Nil**

**National/International Conferences: Nil**

**Achievements / Awards etc: Nil**

**Anil Arepalli**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : VADLAMUDI  
RAMANA RAO

Designation : Assistant Professor

Date of Joining :17-10-2011

Nature of Association :

Email & Phone No. :vadlamudiramana@yahoo.co.in

Department : Basic Sciences & Humanities

Educational Background : M.Sc(Applied Mathematics)

Research Areas : NIL

Experience :25Y



Sl. No	Institute	Designation	Period
1	DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY	Assistant Professor	2011 to till date
2	SUNFLOWER COLLEGE OF ENGINEERING & TECHNOLOGY	Assistant Professor	2009 TO 2011
3	GUDLAVALLERU ENGINEERING COLLEGE	Assistant Professor	2008 TO 2009
4	NARAYANA Jr COLLEGE GUDIWADA	LECTURER	2007 TO 2008
5	ANDHRA JATEEYA KALASALA MACHILIPATNAM	LECTURER	1997 TO 2007

**List of Publications (National and International Journals): NIL**

**National/International Conferences: NIL**

**Achievements / Awards etc: NIL**

**V.RAMANA RAO**

**(Name of the Faculty)**



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : Dasaradha Ramaiah K  
Designation : Assistant professor  
Date of Joining : 13/08/2013  
Nature of Association : Regular  
Email & Phone No. : dasaradh991111@gmail.com&9963825863  
Department : Basic Science and Humanities  
Educational Background : 1. Ph.D from ANU, Guntur.  
2. M.phil from SVU, Tirupati.  
3. M.Sc (Mathematics)  
Research Areas : Boundary value problems in fluid dynamics.  
Experience : 16 years



Sl. No	Institute	Designation	Period
1	Dhanekula institute of Eng and Tech	Asst.Prof	2013-till date
2	Sri Sunflower college of Eng and Tech	Asst.Prof	2007-2013
3	Vidyalaya degree college	Lecturer	2004-2007

### List of Publications (National and International Journals):

1. Dasaradha Ramaiah K, K Gangadhar, and Ranga RaoT. " Effect of Viscous dissipation and Heat generation/Absorption on Power-Law Fluid past a Permeable Stretching Sheet With Constant Heat Flux." *IOSR Journal of MATHEMATICS (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 13.*
2. Dasaradha Ramaiah K, K Gangadhar, and Ranga RaoT. " Effect of joule heating on mixed convection flow of Casson nanofluid over a non-linear stretching sheet with heat generation or absorption." *International Journal of Engineering inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 6, Issue 2 (Feb 2017).*
3. K Gangadhar, T Kannan, Dasaradha Ramaiah K and G.Sakthivel. 'Boundary layer flow of nano fluids to analyse the heat absorption/generation over a stretching sheet with variable suction/injection in the presence of viscous dissipation'. *International journal of Ambient Energy. ISSN:0143-0750(3 Aug 2018)*

### National/International Conferences ((National and International):3

**Achievements / Awards etc: Qualified in APSET-2017.**

**Dasaradha Ramaiah K**

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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : S.V.KRISHNA SARMA

Designation : Asst. Professor

Date of Joining : 18/09/2013

Nature of Association : Regular

Email & Phone No. : [sarma.krishna1@gmail.com](mailto:sarma.krishna1@gmail.com) & 9290670336

Department : Basic Sciences & Humanities

Educational Background : 1.Pursuing Ph.D. from Acharya Nagarjuna University, Guntur  
2. M.Sc(Applied Mathematics) from Acharya Nagarjuna University, Guntur

Research Areas : Fixed Point Theory

Experience : 13 Years 6 Months



Sl. No	Institute	Designation	Period
4	Dhanekula Institute of Engg.&Tech., Ganguru	Asst. Professor	Sept 2013 - till date
3	SRK Institute of Engg.& Tech., Enikepadu	Asst. Professor	June 2012- Sept 2013
2	MVR College of Engg. & Tech., Paritala	Asst. Professor	Aug 2008- June 2012
1	Nalanda IIT-JEE Academy, Vijayawada	Junior Lecturer	June 2006 – April 2007

### List of Publications (National and International Journals):

NIL

### National/International Conferences/Workshops Participated:

1. Attended a Two day National Workshop on “Mathematical Applications of Engineering Disciplines” conducted by Aditya Institute of Technology & Management, Tekkali during 4<sup>th</sup> -5<sup>th</sup> February 2013.
2. Attended a Five day National Workshop on “Ancient Indian Mathematics with Special Reference to Vedic Mathematics and Astronomy” conducted by Rashtriya Sanskrit Vidhyapeetha, Tirupati on 20<sup>th</sup> -24<sup>th</sup> September 2010.
3. Attended a One day National workshop on “Mathematical Logic And Applications” (MAA-2010) conducted by VR Siddhardha College of Engineering, Vijayawada on April 2010.

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4. Attended Four days International Conference on “Recent Advances in Mathematical Sciences And Applications ”(RAMSA’09) conducted by Gayathri Vidya Parishad College of Engineering, Visakhapatnam, A.P. during 19<sup>th</sup> -22<sup>th</sup> December 2009.
5. Attended a Two day National workshop on “Mathematical Techniques & Applications in Engineering Problems” Conducted by GMR Institute of Technology, Rajam, Srikakulam Dist. during 6<sup>th</sup> -7<sup>th</sup> November, 2009.

## **Faculty Development Programs(FDPs):**

1. Successfully completed the Online workshop on Universal Human Values on the theme “Inculcating Universal Human Values in Technical Education” during 19<sup>th</sup> – 23<sup>rd</sup> October 2020, organized by AICTE, New Delhi.
2. Successfully completed online course offered by Coursera on “Introduction to Ordinary Differential Equations” during April 2020 – May 2020, authorized by Korean Advanced Institute of Science and Technology(KAIST).
3. Successfully completed online course offered by Coursera on “Differential Equations for Engineers” during April 2020 – May 2020, authorized by The Hong Kong University of Science and Technology.
4. Successfully completed online course offered by Coursera on “Speak English Professionally: In Person, Online & On the Phone” during April 2020 – May 2020, authorized by Georgia Institute of Technology.
5. Successfully completed AICTE approved NPTEL Online Certification course in “Transform Calculus and its Applications in Differential Equations” from January 2019 to April 2019, conducted by IIT Kharagpur.

## **Achievements / Awards etc:**

1. Qualified APSET (State Eligible Test for Assistant Professor/Lectureship) in Mathematical Sciences in the year 2015.
2. Ratified as Assistant Professor by JNTU Kakinada in 2014.

**S.V.Krishna Sarma**



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Ganguru, Vijayawada – 521 139. Phone: 0866-2583842/43.  
Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

### Faculty Profile

Name of the Faculty : G. RAGHAVENDRA GANESH  
Designation : ASSISTANT PROFESSOR  
Date of Joining : 12/03/2014  
Nature of Association : Regular  
Email & Phone No. : [gr.ganugapati@gmail.com](mailto:gr.ganugapati@gmail.com) & 9000972378  
Department : Basic Sciences & Humanities  
Educational Background : 1.Pursuing Ph.D. from KL Deemed to be University.  
2.M.Phil. from Madurai Kamaraj University.  
3. M.Sc. (Applied Mathematics) From Andhra University.  
Research Areas : Fluid dynamics  
Experience : 14



Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant professor	Mar 2014-till date
2	SRK Institute of Technology	Assistant professor	Aug 2008-Feb 2014
3	Sri Sai Aditya Institute of Science & Technology	Assistant professor	Aug 2007-Aug 2008
4.	Nova college of Engineering Technology for women	Assistant professor	Feb 2006-Jul 2007

#### List of Publications (National and International Journals):

1. Published one paper titled '**Forced Convection Heat transfer of MHD Casson fluid in non Darcy Porous media**' in International Journal of Advanced Science and Technology, 29(06), 2020.
2. Published one paper titled '**Mixed Convection Boundary Layer flow of MHD Casson fluid on an upward stretching sheet encapsulated in a porous medium with slip effects**' in JP Journal of Heat and Mass transfer, 22(2), 2021.
3. Published one paper titled '**Numerical approach of Heat and Mass transfer of MHD Casson fluid under radiation over an exponentially permeable stretching sheet with chemical reaction and Hall effect**' in Frontiers in Heat and Mass Transfer, 16(5), 2021.

#### National/International Conferences:

1. Attended & Presented two papers in Two day National e-conference on essence of Mathematics in Engineering & Applications 2020 on 2,3 Dec 2020.
2. Attended One Day workshop on R held at DhaneKula Institute of Engineering & Technology organized by Teaching Learning Centre, ICT at IIT Bombay on Nov 2019
3. Presented a paper in "National conference on Recent Advances in Mathematics" At

Sri Venkateswara University, Tirupati. March 19-20, 2019.

4. Attended a Two day National Workshop on “Mathematical Applications of Engineering Disciplines” conducted by Aditya Institute of Technology & Management, Tekkali during 4<sup>th</sup> -5<sup>th</sup> February 2013.

**Faculty Development Programs(FDPs):**

1. Participated and successfully completed the Online workshop on Universal Human values on the theme Inculcating Universal human values in Technical education’ during 19-23 October organized by All India council of Technical Education(AICTE).
2. Successfully completed Online course offered by Coursera on “Introduction to Ordinary Differential Equations” during April 2020 – May 2020, authorized by Korean Advanced Institute of Science and Technology(KAIST).
3. Successfully completed Online course offered by Coursera on “Differential Equations for Engineers” during April 2020 – May 2020, authorized by The Hong Kong University of Science and Technology.
4. Successfully completed AICTE approved NPTEL Online Certification course in “Computational Fluid Dynamics” from January 2019 to April 2019, conducted by IIT Madras.
5. Successfully completed AICTE approved NPTEL Online Certification course in “Matlab programming for Numerical Computation” from January 2019 to April 2019, conducted by IIT Madras.
6. Successfully Completed an AICTE approved two-week equivalent Faculty Development Programme (FDP101x) on “Foundation Program in ICT for Education” conducted by IIT Bombay from 13 September 2018 to 18 October 2018 with online activity and Physical participation at Remote Center.
7. Successfully Completed an AICTE approved two-week equivalent Faculty Development Programme (FDP201x) on “Pedagogy or Online and Blended Teaching-Learning Process” conducted by IIT Bombay from October 30, 2018 to December 13, 2018 with online activity and Physical participation at Remote Center.

**Achievements / Awards:** 1. Qualified in APSET 2013.

2. Ratified as Assistant Professor by JNTU Kakinada in 2014.

**G.Raghavendra Ganesh**



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Vijayawada – 521 139. Phone: 0866-2583842/43. Email:  
dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile



Name of the Faculty : Polukonda Ganesh Babu  
Designation : Assistant Professor  
Date of Joining : 17/06/2019  
Nature of Association : Regular  
Email & Phone No. : [ganeshhimajapolukonda@gmail.com](mailto:ganeshhimajapolukonda@gmail.com) & 7013149198  
Department : Basic Sciences & Humanities (Physics)  
Educational Background : M.Sc. (Physics) from AU campus  
Research Areas : -NIL-  
Experience : 20 Years

Sl. No	Institute	Designation	Period
1	Sri Vidya Junior college, Gudivada	Lecturer	1999-2003
2	KTR Women's college, Gudivada	Lecturer	2003 – 2008
3	V.K.R & V.N.B Polytechnic, Gudivada	Lecturer	2008-2019
4	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant professor	2019-Tilldate

**List of Publications (National and International Journals): Nil**

**National/International Conferences:-Nil-**

**Achievements / Awards etc: Nil**

**P.Ganesh Babu**



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Ganguru, Vijayawada – 521 139. Phone: 0866-2583842/43.

Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : K A Sasikala  
Designation : Assistant Professor of Physics  
Date of Joining : 01/07/2009  
Nature of Association : Regular  
Email & Phone No. : [sasikoppineedi@gmail.com](mailto:sasikoppineedi@gmail.com)  
Department : BS&H (Physics)  
Educational Background: 1. Pursuing Ph. D from Acharya Nagarjuna University, Guntur  
2. M. Phil (Physics) from Acharya Nagarjuna University, Guntur  
3. M. Sc. (Physics) from Hindu College- PG Courses, Guntur  
Research Areas : Ultrasonic Studies of Binary Liquid Mixtures  
Experience : 17 Years



Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2009-till date
2	S D M S Mahila Kalasala, Vijayawada	Lecturer	2004-2009

### List of Publications (National and International Journals):

1. Correlation between Experimental and Theoretical Ultrasonic Velocities in Binary Mixtures of Furfuryl Alcohol with Glycols at 303.15 K, Journal of Applicable Chemistry, 2019, 8 (3): 1417-1425.
2. Acoustic and Volumetric Studies of the Binary Mixtures of Furfuryl Alcohol with Ethylene-, Diethylene- and Triethylene-Glycols at 303.15K, Journal of Applicable Chemistry, 2019, 8 (3): 1363-1370.
3. Thermodynamic studies of binary liquid mixtures of tetrahydrofuran with anilines by conventional and Benson-Kiyohara approaches, Advances in Biomaterials & Characterization Techniques, Jan'2017, ISBN: 978-81-926822-0-4.
4. The influence of Ag<sub>2</sub>O on the dielectric properties of LiF–CaO–B<sub>2</sub>O<sub>3</sub> glasses, Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B, December 2015, 56 (6), 271–277.



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### **National/ International Conferences Participated:**

1. National Women's Parliament, Pavitrasangamam, Amaravati from 10<sup>th</sup> to 12<sup>th</sup> Feb'2017.
2. Presented a Poster in the 2nd Andhra Pradesh Science Congress on "Science & Technology for Health", held at Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada during 7-9 Nov'2016.
3. National conference on "Need and Role of Nano Sciences in the Present Era", Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada on 7<sup>th</sup> and 8<sup>th</sup> Oct'2015.
4. National conference on "Recent trends in Nano Science and Technology for device applications", K. University, Vaddeswaram on 4th to 5th Apr'2013.
5. UGC, DAE-BRNS & CSIR Sponsored "National Youth Forum on Green Energy Solutions Meeting Global Concerns", Maris Stella College, Vijayawada on 19th and 20th Nov'2009.

### **Faculty Development Programs attended:**

1. One-week Faculty Development Program on "Outcome Based Education- A continuous Quality Improvement of the Program" by SRKR Engineering college, Bhimavaram from 17<sup>th</sup> August 2020 to 21<sup>st</sup> August 2020.
2. One-week Faculty Development Program on "Physics of Materials" by Kalasalingam Academy of Research and Education, Tamilnadu from 08<sup>th</sup> June 2020 to 14<sup>th</sup> June 2020.
3. Three Day Faculty Development Program on "Moving to Master Science in Technology", PSCMR College of Engineering and Technology, Vijayawada from 18-6-2020 to 20-6-2020.
4. One-week Faculty Development Program on "Materials for Thermal and Renewable Energy Research", Sri Sai Ram Institute of Technology, Chennai from 20-5-2020 to 24-5-2020.
5. One-week Faculty Development Program on "Research Opportunities in Electrical Engineering and Its Applications", PSR Engineering College, Sivakasi from 18<sup>th</sup> May 2020 to 23<sup>rd</sup> May 2020.
6. NPTEL Two-month Faculty Development Program on "TALE 2-Course Design and Instruction of Engineering Course", IISC, Bangalore from July 2019 to September 2019.



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7. NPTEL One-month Faculty Development Program on “Teaching And Learning in Engineering” Course TALE, IISC, Bangalore from Feb’2019 to Mar’2019.
8. One day Faculty Development Program on “LATEX”, DhaneKula Institute of Engineering and Technology on 4<sup>th</sup> May, 2013.
9. One Day Faculty Development Program on “Characterization of Nano Materials”, VR Siddhartha Engineering College, Vijayawada on 27<sup>th</sup> Apr’2012.

### **Training/Orientation Programs attended:**

1. One-month Training Program on “Advanced Excel”, by Internshala Trainings from 25<sup>th</sup> May 2020 to 24<sup>th</sup> June 2020.
2. Quality Improvement Programme on “Instructional Design and Delivery” conducted by National Institute of Technical Teachers Training & Research, Chennai at DhaneKula Institute of Engg&Technology, Ganguru campus from 29<sup>th</sup> Oct’2012 to 2<sup>nd</sup> Nov’2012.
3. Two-week orientation program on “Computer Awareness” held at Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada from 26-10-2005 to 10-11-2005.

### **Workshops Participated:**

1. Workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 19-23 October, 2020 organized by All India Council for Technical Education (AICTE).
2. National workshop on “Moodle Learning Management System”, IIT Bombay Remote centre- DIET, Ganguru on 15th March 2019.
3. Two Day Science Academies Lecture workshop on “Applications of Quantum Mechanics to Optics”, K B N College, Vijayawada on 1st and 2nd Feb’2019.
4. One day Workshop on Physics lab course “PXLAB 10”, Pottisriramulu College of Engineering and Technology, Vijayawada on 08-09-2010.
5. UGC National workshop on “Choice Based Credit System and CGPA” held at Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada during 23-24 April, 2005.



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### Seminars Attended:

1. National seminar on “Need and Role of Non-Conventional Energy Sources of Sustainable Future”, Akkineni Nageswara Rao College, Gudivada on 23<sup>rd</sup> and 24<sup>th</sup> Jan’2018.
2. National seminar on “Physics and chemistry of Non-Crystalline Materials”, K. V. R. College, Nandigama on 1<sup>st</sup> and 2<sup>nd</sup> Dec’2017.
3. DBT, MHRD, Govt. of India sponsored National Seminar on “Advances in Biomaterials & Characterization Techniques”, Andhra Loyola College (Autonomous), Vijayawada on 20<sup>th</sup> and 21<sup>st</sup> Jan’2017.
4. National seminar on “Nanotechnology for Sustainability of Rural India”, K. L. University, Valluvarmon 19<sup>th</sup> Feb’2014.

### Certification Courses completed:

1. Two-month certification course on “Learning Physics Through Simple Experiments” during 02-4-2020 to 10-6-2020 from IIT, Kanpur
2. Five-week certification course on “Write Professional Emails in English”, Coursera, Georgia Institute of Technology in April-May 2020.
3. Three-week certification course on “Quantum Mechanics”, in May 2020 from Coursera, University of Colorado Boulder.
4. Six-week certification course on “Introduction to Psychology”, Coursera, Yale University in April-May 2020.
5. Four-week certification course on “Effective Problem-Solving and Decision-Making”, Coursera, University of California, Irvine in May-2020.
6. Three-week certification course on “AI for Everyone”, in May 2020 from Coursera, deeplearning.ai.
7. Four-week certification course on “Work Smarter, Not Harder” in May 2020 from Coursera, University of California, Irvine.
8. Five-week certification course on “Materials Science: 10 Things Every Engineer Should Know” during July-August 2020 from Coursera, University of California, Davis.
9. One week certification course on “Learn Microsoft Office 365” in July 2020 from Udemy, Inc.



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### **Professional Membership Details:**

1. Life membership in “Indian Society of Systems for Science and Engineering”, ISSE from 2016.
2. Life membership in “International Association of Engineers”, IAENG from 2017.

### **Achievements / Awards etc.:**

1. Topper in Top5% of NPTEL course “TALE 2 Course Design and Instruction of Engineering Course” in September 2019.
2. Awarded Silver Certificate from NPTEL for the completion of the course “Teaching and Learning in Engineering” in May 2019.
3. Received “Best Mentor” Appreciation for the Year 2017-18 from DhaneKula Institute of Engineering & Technology.
4. Appreciation from AMRITA University, Kerala for active involvement in effective utilization of virtual labs for the academic year 2015-16.
5. Ratified as Assistant Professor in Physics from JNTUK in 2014.

K A SASIKALA  
(Name)



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : M Silpa  
Designation : Assistant Professor of Physics  
Date of Joining : 1/08/2009  
Nature of Association : Regular  
Email & Phone No. : silpamandava85@gmail.com  
9441584390



Department : BS&H (Physics)

Educational Background : 1. Submitted Ph. D in March 2020  
from Krishna University, Machilipatnam  
2. M. Sc. (Physics) from ANR Degree College,  
Gudivada

Research Areas : Ultrasonic Studies of Binary Liquid Mixtures

Experience : 14 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2009 to tilldate
2	GVR&S College of Engineering, Budampadu, Guntur	Assistant Professor	2007-2009
3	ANR Degree College, Gudivada	Lecturer	1-7-2007 to 14-10-2007

### List of Publications (National and International Journals):

1. The influence of  $Ag_2O$  on the dielectric properties of  $LiF-CaO-B_2O_3$  glasses, Phys. Chem. Glasses: Eur. J. Glass Sci. Technol. B, December 2015, 56 (6), 271–277.
2. “Thermodynamic studies of binary liquid mixtures of tetrahydrofuran with anilines by conventional and Benson-Kiyohara approaches”, Conference Proceedings of DBT-MHRD, Govt. of India sponsored National Seminar on Advances in Biomaterials and Characterization Techniques (ABCT 17) held at Andhra Loyola College, Vijayawada. ISBN-978-81-926822-0-4
3. Acoustic and Volumetric Studies of the Binary Mixtures of Furfuryl Alcohol with Ethylene-, Diethylene- and Triethylene-Glycols at 303.15K, Journal of Applicable Chemistry, 2019, 8 (3): 1363-1370.



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4. Correlation between Experimental and Theoretical Ultrasonic Velocities in Binary Mixtures of Furfuryl Alcohol with Glycols at 303.15 K, Journal of Applicable Chemistry, 2019, 8 (3): 1417-1425.
5. Study and Characterization of Li and Co, Co-Doped ZnO Microstructures, Journal of Applicable Chemistry, 2019, 8 (3): 1411-1416.
6. Ultrasonic Study of Molecular Interactions in Binary Mixtures of Benzyl Benzoate with 2-alkoxyethanols at various temperatures. Psy & Education, 2020, 57(9): 6710-6725.

### **CONFERENCES**

1. International Conference on Tackling Cancer in India by Healthy world Association from 7-8<sup>th</sup> Sep 2019
2. Presented a paper in National Conference on Recent Advances in Materials Science for Sustainable Development- 2019, Vignan's foundation for Science, Technology and Research, Guntur from 31<sup>st</sup> August to 1<sup>st</sup> September 2019
3. Presented a poster in 2<sup>nd</sup> Andhra Pradesh Science Congress [APSC-2016] at Parvathaneni Brahmaya Siddhartha College of Arts & Science, Vijayawada, from 7-9<sup>th</sup> November 2016.
4. National conference on "Need and Role of Nano Sciences in the present Era", Parvathaneni Brahmaya Siddhartha College of Arts & Science, Vijayawada, from 7-8<sup>th</sup> October 2015.
5. National conference on "Recent Trends in nanoscience and Technology for device applications" from 4-5<sup>th</sup> April 2013, K.L.University, Vaddeswaram

### **FACULTY DEVELOPMENT PROGRAMS**

1. One week Faculty development Program on Outcome Based Education organized by SRKR Engineering College from 17<sup>th</sup> August to 21<sup>st</sup> August 2020.
2. Three-day FDP on Moving to Master Science in Technology, Potti Sriramulu College of Engineering and Technology, from 18-06-20 to 20-06-20.
3. Faculty Development Program on Multidisciplinary approach towards Emerging Trends in Science and Humanities, Rama chandra College of Engineering from 01-06-20 to 05-06-20
4. Materials for Thermal and Renewable Energy Research, Sri Sai Ram Institute of Technology from 20-05-20 to 24-05-20.
5. Four weeks Faculty Development Programme on Teaching and Learning in Engineering (TALE), NPTEL, AICTE, Feb-March 2019.



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6. Faculty Development Programme on LATEX on 4<sup>th</sup> May 2013, DhaneKula Institute of Technology, Ganguru
7. One Day Faculty Development Program on “Characterization of Nano Materials”, VR Siddhartha Engineering College, Vijayawada on 27<sup>th</sup> Apr’2012.

### **WORKSHOPS**

1. Workshop on Incucating Universal Human Values in Technical Education from 19<sup>th</sup> -23<sup>rd</sup> October 2020, AICTE New Delhi
2. National workshop on “Moodle Learning Management System”, IIT Bombay Remote centre-DIET, Ganguru on 15<sup>th</sup> March 2019.
3. Two Day Science Academies Lecture workshop on “Applications of Quantum Mechanics to Optics”, K B N College, Vijayawada on 1<sup>st</sup> and 2<sup>nd</sup> Feb’2019.
4. 3- day workshop on Scope of Science and Maths in Engineering from 11<sup>th</sup> – 13<sup>th</sup> August 2011, Gudlavalleru Engineering College, Gudlavalleru.

### **SEMINARS**

1. Presented a paper in a two- day National seminar on Need and role of Non-Conventional energy source for sustainable future. A N R College, Gudiwada 23<sup>rd</sup> & 24<sup>th</sup> January 2018
2. Presented a paper in National seminar on Physics and Chemistry on Non-Crystalline materials from 1<sup>st</sup> -2<sup>nd</sup> December 2017 at Nandigama.
3. National Seminar on “Advance in Biomaterials & Characterization Techniques”, Andhra Loyola College (Autonomous), Vijayawada from 20<sup>th</sup> – 21<sup>st</sup> Jan 2017.
4. Presented a paper in International Seminar on Physics and Chemistry of Materials and Applications, Shree Padmavathi Mahila Hindu Kalasala, Machilipatnam, from 4<sup>th</sup>- 5<sup>th</sup> Jan 2017.
5. Presented a poster in 2<sup>nd</sup> Andhra Pradesh Science Congress-2016, P B Siddhartha College of Arts & Science, Vijayawada on 7<sup>th</sup> -9<sup>th</sup> Nov 2016.
6. National seminar on “Nanotechnology for Sustainability of Rural India”, K. L. University, Vaddeswaram on 19<sup>th</sup> Feb 2014.



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### **TRAINING PROGRAMS**

1. Online short time learning Program on Effective Engineering Teaching Practices from 23<sup>rd</sup> -28<sup>th</sup> Nov 2020, PVPSIT, Kanuru
2. Advanced Excel by Internshala from 25-05-20 to 24-06-20
3. National Institute of Technical Teachers Training & Research conducted Quality Improvement Programme on “Instructional Design and Delivery” from 29<sup>th</sup> October to 2<sup>nd</sup> November 2012, DhaneKula Institute of Engg & Technology, Ganguru

### **CERTIFICATION COURSES**

#### **➤ COURSERA**

1. Quantum Mechanics
2. Introduction to Thermodynamics
3. Material Science
4. Write Professional Emails in English
5. AI for everyone
6. Effective Problem Solving and Decision Making
7. Introduction to psychology
8. Work smarter not harder
9. Learn Microsoft office 369

### **PROFESSIONAL MEMBERSHIPS**

- Indian Society of Systems for Science & Engineering (ISSE)
- International Association of Engineers (IAENG)

### **ACHIEVEMENTS / AWARDS**

1. Appreciation from AMRITA University, Kerala for active involvement in effective utilization of virtual labs for the academic year 2015-16.
2. Ratified as assistant Professor in JNTUK in 2014.

M SILPA



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## Faculty Profile

Name of the Faculty : Jasti Pushpalatha  
Designation : Assistant Professor  
Date of Joining : 25/10/2010  
Nature of Association : Regular  
Email & Phone No. : [lathajasti1@gmail.com](mailto:lathajasti1@gmail.com) 9949234565  
Department : BS&H (English)  
Educational Background : 1.Pursuing Ph.D from Krishna University  
2.M.Phil from Madras University  
3.M.A.(litt) from Nagarjuna university campus  
4.B.A.(litt) from Montessori college  
5.PGDELT from Osmania university  
6.PGDCS from Gitam University



Research Areas : American literature -M.Phil  
Indian Children's literature (Ph.d)

Experience : 18 years

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engg&tech	Assistant professor	2010- till date
2	S.I.T Telaprolu	Assistant professor	2008-10
3	Avanthi degree college	Lecturer	2000-2001
4	A.G &S.G college	Lecturer	1995-1999
5	K.T.R Womens college	Lecturer	1994-1995

### List of Publications (National and International Journals):

Published paper on Eudora Welty's Narrative Techniques in "The Optimist's Daughter" in International Journal of Scientific Research and Review ISSN No.: 2279-543X Volume 07, Issue 05, May 2019. UGCJournal No.: 64650)

### Coursera Courses:

Positive Psychology

Successful Negotiation: Essential Strategies and Skills

Write Professional Emails in English

Speak English Professionally: In Person, Online & On the Phone

Inspiring and Motivating Individuals

Take Your English Communication Skills to the Next Level

Introduction to Environmental Law and Policy

Build Your Professional eportfolio in English

Compassionate Leadership through Service Learning with Jane Goodall and Roots & Shoots

AI For Everyone



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Improve Your English Communication Skills

Feminism and Social Justice

Healthy Practices: Nutrition, Physical Activity, and Community and Family Participation

## NPTEL Courses

Developing softskills andpersonality

Enhancing soft skills and personality

Soft skills development

## National/International Conferences:

### Presentations:

Presented a paper on **Use of literature to teach critical thinking in EIL class Rooms** at MGIT Hyderabad

Presented a paper on **Role of Meta linguistic knowledge in second language Learning process** in the 9th International congress on English grammar at VIT University, Vellore

Presented a paper on **Teaching literature in Language classrooms-A study at Tertairy level** at Govt degree college, Naidupet

Presented a paper on **Integrating language and literature in ESL class room** at Singareni collieries women's degree&P.G college.

Presented a paper on **The Emerging trends in Indian children literature** At 58<sup>th</sup> all India English Teacher's conference in the Dept.of English Andhra University Visakhapatnam

Presented a paper on **Post colonial issues in Paro Anand's 'wild child and other stories'** at International conference in Vignan's university

Presented a paper on **Eudora Welty's Narrative Techniques** in "The Optimist's Daughter" at Sambhram Institute of Technology. Bangalore

### Participations:

Participated in the training programme on "INSTRUCTIONAL DESIGN AND DELIVERY" conducted by National Institute of Technical Teachers Training & Research.

Participated in faculty development programme "**Communication and Presentation skills for faculty**"

Participated at A National level one day workshop on "**Challenges in teaching at Engineering colleges & Counselling Strategies for Engineering Graduates**"

Participated in the course in **English language Teaching Research methodology**

Participated in Rusa sponsored Two day Regional Awareness workshop on **English communication and soft skills** at Krishna university

Completed a 10-day teacher training programme and delivered **English and employability skills** training to learners as part of the Andhra Pradesh Higher Education English Communication Skills project (2017-18)

### Achievements / Awards etc:

Achieved among top 5% in NPTEL conducted course **Developing softskills andpersonalityin2018**

Achieved Gold medal and was among top 2% in NPTEL conducted course

**Enhancing soft skills and personality in2019**



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## Faculty Profile

Name of the Faculty : Dr. V. S. Sankara Rao Chinnam

Designation : Assistant Professor

Date of Joining : 1/11/2012

Nature of Association : Regular

Email & Phone No. : sankararaochinnam@gmail.com 8328396495

Department : Basic Sciences and Humanities

Educational Background : 1. Ph. D from RTM Nagpur University  
2. AP & TS SET from Osmania University, Hyderabad  
3. M. Phil from Acharya Nagarjuna University  
4. M. A (Eng. Lang & Litt.) from Acharya Nagarjuna University  
5. B. Ed (English) from Acharya Nagarjuna University  
6. B. A. (Special English) from Acharya Nagarjuna University

Research Areas : Indian Writing in English & American Literature

Experience : 14 years



Sl. No	Institute	Designation	Period
1	Dhanekula institute of Eng and Tech	Asst. Prof	2012-till date
2	Eswar College of Engineering	Asst. Prof.	2011-12
3	Vignan University	Asst. Prof.	2007-11

### List of Publications (National and International Journals):

1. “NARRATIVE TECHNIQUES OF AMITAV GHOSH’S *THE CIRCLE OF REASON*” Research Journal of English Language and Literature (RJELAL). ISSN 2321 – 3108: Vol.1.Issue.4. 2013. P150-161.
2. “The Technique of Double Narration of R. K. Narayan’s *The Guide*” Journal of Foreign Languages, Cultures & Civilizations, Vol. 1 No. 2, December 2013. P39-48.
3. “Postcolonial Socio-Cultural Aspects in V. S. Naipaul’s *A House for Mr. Biswas*” Research Chronieler International Multidisciplinary Research Journal, Vol II Issue V: July 2014 ISSN: 2347-503X: P82-91.
4. “The Social Reaction and Cross–Section of Indian Society in Anand’s *Coolie*” Research Innovator International Multidisciplinary Research Journal - Vol. I, Issue III - June 2014, ISSN: 23487674.P59-70.
5. “Cultural Space and Identity in the Novels of Aravind Adiga” International Journal of Multidisciplinary Research Review, Vol.1, Issue-26, April-2017, E- ISSN –2395-1885. P96-98.
6. “The Socio-Cultural Challenges in the Novels of Aravind Adiga: A Postcolonial Study” Journal of Emerging Technologies and Innovative Research, July 2018, Volume 5, Issue ISSN-2349-5162, P 253-254.
7. Modern Methods, Approaches and Pioneering Techniques in Teaching English for Engineering Undergraduates International Journal of Research Culture Society, Vol - 3, Issue - 11, Nov - 2019. ISSN : 2456 – 6683 P129 -131
8. Multicultural Approach in The Novels of Aravind Adiga Lang Lit An International Peer-Reviewed Open Access Journal Vol. 6 Issue 3, February, 2020. ISSN 2349-5189 P229-233.
9. Psychological Challenges in The Novels of Aravind Adiga International Journal Of English and Studies (IJOES) Vol. 2 Issues 7, August, 2020. ISSN: 2581-8333. P92-98.



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### National/International Conferences:

1. Presented a paper on “Narrative Techniques in Arundhati Roy’s *The God of Small Things*” in a National Seminar on 07-05-2010 in Vellamal Engineering College, Chennai.
2. Participated on “Intellectual Property System” in a National Seminar on 26-04-2010 in Vignan University, Vadlamudi.
3. Presented a paper on “Creative Ideas for Teaching Writing Skills” in a National Seminar on 25-06-2010 in J. K. C. College, Guntur.
4. Presented a paper on “English for Specific Purposes: Its Meaning and Importance in Present Scenario” in an International Seminar on 29-12-2010 in Acharya Nagarajuna University, Guntur.
5. Presented a paper on “Techniques of Teaching English for Engineers” in a National Seminar on 05-02-2011 in Krishna University.
6. Presented a paper on “Audio Lingual Method in English Language Teaching Classroom: Advantages and Apprehensions” in a National Seminar on 28-02-2012 in J.M.J. College for Women, Tenali.
7. Presented a paper on “The Psychological Perspectives of Margret Atwood’s *Surfacing*” in an International Seminar on 29-01-2014 in Sri Venkateswar University, Tirupati.
8. Presented a paper on “Representing the Postcolonial Socio-cultural Challenges in India: A Detailed Study of Aravind Adiga’s Novels” in a National Conference on 20<sup>th</sup> March, 2018 in Datta Meghe Institute of Engineering Technology & Research, Sawangi (Meghe), Wardha.
9. Participated in the Invited Talk on “English Language Teaching Practice” on 17<sup>th</sup> June 2020 conducted by Department of English, Adikavi Nannaya University, Rajamahendravaram.
10. Participated in One Day International Level E-Seminar on “English Language for Non Native Speakers” organized by Department of English Government Ram Bhajan Rai N.E.S. P.G. College Jashpurnagar, Chhattisgarh, India on 28 October 2020.
11. Presented a paper on “Economic Crises in the novels of Aravind Adiga: A Postcolonial Study” in the TEQIP-III sponsored One-Day National E-Conference on Emerging Paradigms in Teaching English Language & Literature on 19.11.2020 organized by Dept. of Humanities, JNTUA College of Engineering (Autonomous) Ananthapuramu, Andhra Pradesh.
12. Presented a paper on “Postcolonialism: Theoretical Perspectives in the Two-Day National e-conference on Language, Literature & Soft Skills: A Cornucopia of Culture, Career & Creativity on 11<sup>th</sup> & 12<sup>th</sup> December 2020 organized by Dept. of English, KLEF, KL Deemed University, Vaddeswaram, Guntur.
13. Participated in International E-Conference on Challenges of Virtual Teaching for Students from Tribal Areas jointly organized by Central Tribal University of Andhra Pradesh, Vizianagaram & University College of Education, Adikavi Nannaya University, Rajamahendravaram from 16<sup>th</sup> to 18<sup>th</sup> December, 2020.
14. Participated in Panel Discussion on Teacher Education in National Policy on Education 2020: TEI’s at Crossroad held on 04th February 2021 in Collaboration with Council for Teacher Education Foundation (CTEF) Organized by G.H.G Khalsa College of Education, Gurusar Sadhar, Ludhiana.
15. Presented a paper on Replica of Bombay’s Chawl Culture in Kiran Nagarkar’s Novels *Ravan & Eddie* and *The Extras* in Two-Day National e-conference E- Conference: World Classics in English Translation: A Critical Perspective on from 5<sup>th</sup> & 6<sup>th</sup> February, 2021 by the Department of English, Sri S. Ramasamy Naidu Memorial College, Sattur, Virudhunagar District, Tamilnadu and association with Sahitya Akademi, New Delhi.
16. Actively participated in the Five Day International Seminar on “*Women’s Writing and Criticism*” organized by the *School of Language, Literature and Culture Studies, Swami Ramanand Teerth Marathwada University, Nanded* from 15-04-2021 to 19-04-2021



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## National/International Webinars:-

1. Participated in the National Webinar on Soft Skills organized by Government Degree College, Ichapuram, Srikakulam district, Andhra Pradesh on 7th June, 2020.
2. Participated in a webinar on “Assessing Writing Speaking - Analytical Verses Holistic Scoring” Dr. Maruthi Kumari Vaddapalli, Senior Language Assessment Consult, British Council, United Arab Emirates on 8<sup>th</sup> June 2020 organized by Dadi Institute of Engineering & Technology, Anakapalle.
3. Participated One Day National Webinar on “Spiritualism in Literature” held on 17<sup>th</sup> of June 2020 organized by Department of English, Nabira Mahavidhyala, Katol, Nagpur, Maharashtra.
4. Participation in the National Webinar on “Teaching English Language & Literature Online in the Post COVID-19 Scenario” on 20th June, 2020. Organized by the Department of English in association with IQAC, SRI Y N College, Narsapur.
5. Participated in the International Webinar on “Enhancing English Language Skills with Mr. Joel Volkert” organized by Matru Sewa Sangh Institute of Social Work, Nagpur on 25<sup>th</sup> June 2020.
6. Attended webinar on “Research Competencies and Publications” held on 31st July, 2020 organized by Faculty of Education, Teerthanker Mahaveer University Delhi Road, Moradabad, Uttar Pradesh.
7. Successfully participated in the One Day International Webinar on “Tools for Language Classroom” held on 3<sup>rd</sup> August 2020. KLE Society’s Arts & Commerce College, Gadag (KS).
8. Participated in Two-Day National Webinar on “Demonstration of Online Educational Tools” held on 03 & 04 August, 2020 organized by University College of Engineering Adikavi Nannaya University, Rajamahendravaram.
9. Participated in the webinar on “New Education Policy - New Opportunities” (New Era Begins with NEP–2020) organized by the Department of Journalism and Mass Communication, Dr. B.R. Ambedkar University-Srikakulam, AP, Regional Outreach Bureau, Vijayawada and Ministry of Information and Broadcasting, Government of India, held on 6<sup>th</sup> August 2020.
10. Participated in the One-Day National Webinar on “Online English Communication & Digital Initiatives for Higher Education” on 08.08.2020. Organized by English discipline of Freshman Engineering Department in association with Spoorthi-The Literary Club, Lakireddy Bali Reddy College of Engineering, Mylavaram.
11. Participated in “National Webinar on the Phonetics of BBC English” on 10<sup>th</sup> August, 2020 hosted by Department of Freshman Engineering, Vardhaman College of Engineering, Hyderabad.
12. Participated in the National Level webinar on the topic’s "Introduction to Indian English Literature" and "Short Fiction in Indian English Literature: An Overview" dated on 16<sup>th</sup> August 2020. Organized by the PG Department of English, Thiruvalluvar University Constituent College Of Arts& Science, Kallakurichi, Tamil Nadu, India
13. Attended the webinar on Communication & Soft Skill on the topic “Communicate and Connect” on 05<sup>th</sup> September 2020 conducted by M. A. M. Polytechnic College, Siruganur, Trichirappalli, Tamil Nadu.
14. Attended the One Day Online National Webinar on the topic “Positive impact of Teachers for the Holistic Development of the Students” Organized by SFS College Nagpur, on 5<sup>th</sup> September 2020.
15. Attended the One Day Online National Webinar on “Literature in Translation: Issues and Challenges” on 10.09.2020 organized by K. V. N. Naik Shikshan Prasarak Sanstha’s, Arts, Commerce and Science College, Nashik affiliated to Savitribai Pule Pune University, Pune.
16. Participated in the Two-Day National Webinar on “English Language and Literature in Higher Education: Pedagogical Perspectives” organized by the Department of English, Krishna University, Machilipatnam, on 17<sup>th</sup> & 18<sup>th</sup> September, 2020.
17. Participated in one day Webinar on ‘Technical Tools for Effective Teaching and Evaluation’ organized by Target Education and Career Academy on 25/09/2020.
18. Participated in the National Webinar Contribution of Indian Women Writers in the World Literature organized by SMT Sharda Johri Npg Degree College, Kasganj, UP. On 26.9.2020
19. Attended the National Webinar on Flipped Classroom organized by Faculty Development Centre, Al Shifa College of Arts and Science, Perinthalmanna, Kerala on 28 September 2020.
20. Participated in the National Level Webinar on Effective Utilization of ICT Tools in conducting Online Class, organized by Academy of General Education, Manipal & Bhandarkar’s Arts & Science College, Karnataka on 28-9-2020.
21. Participated in one day National level Workshop on ‘How to Plan A Research’ conducted on 3<sup>rd</sup> October 2020. The workshop was organized by Research & Development Cell of G H Raison University, Amaravathi.



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22. Participated in a Two Day National Webinar on “Elucidating the Ancient Wisdom and Universalism in Forth World Literatures” organized by Department of English, Krishna University on 22<sup>nd</sup> -23<sup>rd</sup> October, 2020.
23. Participated in the National Webinar on Literature and Theory: Origin and Evolution in Indian Context, by Dr Sreenath V S, organized by the Department of English, St. Dominic’s College, Kanjirapally, Kottayam, Kerala on 19<sup>th</sup> November 2020.
24. The Relevance of Dalit Literature in Contemporary Indian Literary Scene Organized by IQAC With Department of English, B.P. Arts, S.M.A. Science and K.K.C. Commerce College, Chalisgaon On 25<sup>th</sup> November 2020. We appreciate your valuable participation.
25. Participated in the one day National Webinar on “Redefining Higher Education in the New Normal” organised by Department of Management, Kristu Jayanti College, Autonomous, Bengaluru on 23rd January 2021.
26. Participated in the national webinar on A Footstep towards commercialization of Research work organized by Research Cell, Dr. Ambedkar College, Deekshaboomi, Nagpur in associated with Intellectual Cooli LLP (IP form) on January 29, 2021.
27. Participated in National Webinar on ‘Digital Humanities: Opportunities and Challenges’ organized by Department of English and IQAC, Chhatrapati Shivaji College, Satara (Autonomous) on 05 February, 2021 under the aegis of RUSA 2.0 (Component-8).
28. Participated in the International Webinar on “Research Convention: A Path Towards Success” jointly organized by Research Development Cell (RDC) and Undergraduate Research Cell (URC), Seva Sadan’s R. K. Talreja College of Arts, Science & Commerce, Ulhasnagar-3 on 20th February, 2021.
29. Participated in a National Webinar on “Effective Teaching and Learning with Digital Tools” organized by the Internal Quality Assurance Cell (IQAC), Nishitha Degree College, Nizamabad - 503002, Telangana State on 10th March 2021.
30. Participated in UGC Recognized One Day International Webinar on “ Instructional Strategies for English Language Teaching” Organized by the Department of English of KVR, KVR & MKR College On 26th March 2021 form 10.00 am to 4.00 pm through Virtual platform.
31. Active participation on the National level webinar, “English as an employability skill” conducted by IIHRD on Saturday, the 10th April, 2021.

### **National/International Workshops:-**

1. Attended a workshop on “The ELT Curriculum: Design, Innovation and Management” on 05&06- 09-2014 in Gudlavalleru Engineering College, Gudlavalleru.
2. Attended a workshop on “Conceptualizing: Teaching and Research in English Language Teaching (ELT)” on 22<sup>nd</sup> July, 2018 in Vignan’s Foundation for Science, Technology and Research (VRSTR) Vadlamudi, Guntur.
3. Participated in the Three Day National Workshop titled “Retooling Language Teaching to the Students of Professional Courses” on 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> of November, 2018 organized by KKR & KSR Institute of Technology and Sciences, Vinjanampadu, Guntur.
4. Participated in the Online workshop on “Teaching and Testing Using Google Classroom” held on 12 May 2020 conducted by Gudlavalleru Engineering College, Gudlavalleru.
5. Successfully completed a workshop on the “Awareness Program on Outcome Based Education (OBE)” on 5/19/2020 conducted by MLR Institute of Technology, Hyderabad.
6. Attended National level E-Workshop on “Technological Tools and Their Management in Online Teaching” organized by Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P. during August 14-21, 2020.
7. Successfully completed Three Day Online International Workshop on “Capacity Building and Redesigning the Learning & Research Aptitudes” Organized by Maryam Ajmal Women’s College of Science & Technology, Hojai in Collabaration with Ajmal Law College Hojai held from September 5<sup>th</sup> -7<sup>th</sup> 2020.
8. Successfully completed One Day National Online workshop on “Creation of Digital and Educational Posters” organized by Tumkur University Techer Educator’s Association, Tumkur, Karnataka and collaborated with Sri Siddhartha College of Education, Dr HMG Road, Saraswathipura Tumkur, Karnataka.
9. Participated in one day National level Workshop on ‘How to Plan A Research’ conducted on 3<sup>rd</sup> October 2020. The workshop was organized by Research & Development Cell of G H Raison University, Amaravathi.
10. Participated in National Level Online “Workshop-cum-Lecture Series on Raja Rao’s *Kanthapura*” organized by English Literary Society of the College RKSD (PG) College, Kaithal, Haryana, Affiliated to Kurukshetra University, Kurukshetra from 13 to 20 January, 2021.



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11. Participated Three day E-Workshop on Constructing Constructivist Lesson Plan held on 27th to 29th January 2021 organized by Department of Education, Heirank Business School, Noida Uttar Pradesh.
12. Participated in the Two Day International Online Workshop on Integration of Animation in Teaching-Learning from 28th to 29th January, 2021. Centre for Knowledge Acquisition, Retention and Transformation (C-KART) School of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MoE, Govt. of India.
13. Participated A Two Day International Online Workshop on Integration of Animation in Teaching-Learning organized by Centre for Knowledge Acquisition, Retention and Transformation (C-KART) School of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MoE, Govt. of India, Faculty of Education Dayalbagh Educational Institute (Deemed To Be University) Dayalbagh, Agra from 28th to 29th January, 2021.
14. Participated One week National Workshop on Research Methodology organized by Govt. Auto Girls P G College of Excellence, Sagr (M.P) held on 01-02-2021 to 07-02-2021.
15. Participated in One Day National Level Workshop On “Research Methodology” Organized by Department of English, Shri Muktanand College Gangapur, Dist. Aurangabad, Maharashtra State, India on 1<sup>st</sup> March 2021.
16. Participated in One Day National level Workshop on Art of writing Research Paper in Scopus Journals organized by Kaamadhenu Arts and Science College, Erode, Tamil Nadu held on 10<sup>th</sup> April, 2021.
17. Participated and completed the workshop on “Emotional Intelligence for Personal and Professional Success” organized by KLE Dr. M. S. Sheshgiri College of Engineering and Technology Udyambag, Belagavi Karnataka from 1st to 3rd April, 2021.

### **Faculty Development Programs (FDPs):-**

1. Participated in the Faculty Development Programme from 10-07-2009 to 15-07-2009 in Vignan University, Vadlamudi.
2. Participated in the Faculty Development Programme” on 15-07-2011 in Eswar College of Engineering, Narasaraopet.
3. Participated in the “Faculty Development Programme” on 04-05-2013 in DhaneKula Institute of Engineering and Technology, Vijayawada.
4. Completed one week FDP of NPTEL Online Certification of the Course: English Literature of the Romantic Period 1798-1832
5. Completed one week FDP of NPTEL Online Certification of the Course: Developing Soft Skills and Personality.
6. Participated in One Day Online Faculty Development Program on “Research Methodology - Methods & Best Practices” Organized by Santhiram Engineering College, Nandyal on 07-05-2020 in collaboration with Netaji Subhas Institute of Technology, Patna.
7. Participated in Three Day National Level Online FDP on “Covid-19 as a Global Crisis: Applications and Appreciation of Language and Literature” from 12th May to 14th May 2020 organized by Andhra Loyol Institute of Engineering & Technology, Vijayawada.
8. Successfully completed the National Level One Week Confederated Online Faculty Development Program on “Orienting Applications & Conceptualized Aspects of Sciences & Humanities” from 21 to 25 July, 2020 organized by Dept. of Humanities & Sciences, Balaji Institute of Technology & Science, Laknepally, Narsampet, Warangal Rural, Telangana.
9. Participated in Faculty Development Programme on “Flipped Classroom” held on 15th August 2020 organized by Anjuman-I-Islam’s Kalsekar Technical Campus, New Panvel, Maharashtra.
10. Participated in the National Level six days Faculty Development Programme on the topic “Imparting Soft Skills and Life Skills for Success ” organized by Post Graduate Department of English under the aegis of IQAC of Shanti Devi Arya Mahila College, Dinanagar, Gurdaspur, Punjab from 17th August to 22nd August 2020.
11. Attended One Week Faculty Development Programme on “Development of E-Contents Organization of E meetings and Online Classes” organized by Shri Murl Manohar Town P. G. College Ballia affiliated to Jananayak Chandrashekhar University Ballia during 24-29.08.2020.
12. Participated in the 5 Day International Faculty Development Programme on “Digital Mind Mapping for Online Teaching and Learning & G-Tools” from 02-09-2020 to 06-09-2020 is organized by Department of Basic Sciences & Humanities, Vignan’s Institute of Management & Technology for Women, Hyderabad.
13. Participated in Five Day Faculty Development Programme on “Ensuring Universal Human Values through Education” Organized by Vardhaman College of Engineering, Hyderabad during 19<sup>th</sup> -23<sup>rd</sup> October, 2020.
14. Participated in Three Day National level Faculty Development Programme on “ On line Teaching and Learning Tools” organized by PG Department of Chemistry and Computer Science, St. Mary’s College (Autonomous), Thoothukudi, Karnataka from 6.11.2020 to 8.11.2020.



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15. Participated and successfully completed the online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 2-6 November, 2020 as organized by All India Council for Technical Education (AICTE).
16. Successfully completed Online Five Days Interdisciplinary Faculty Development Programme on Innovative Teaching Techniques held on 25<sup>th</sup> -29<sup>th</sup> November 2020 organized by the Department of B.B.A (C.A), M. S. Kakade College Someswar Nagar, Tal- Baramati, Pune.
17. Participated in Seven Days Faculty Development Programme on Resource Mobilization-Local to Global GHG Khalsa College of Education, Gurusar Sadhar, Ludhiana In Collaboration with Council For Teacher Education Foundation (Punjab and Chandigarh Chapter), Bombay Teachers’ Training College, A Constituent College of HSNC University, Mumbai The Best Health Solutions, Johannesburg, South Africa from 08.02.2021 to 14.02.2021.

### Training Programmes:-

1. Participated in One Week AICTE sponsored Short Term Training Programme on “Harmony in the Workplace: Effective Interpersonal & Communication Skills” held from **26-10-2020 to 31-10-2020** through online mode, organized by Department of Science & Humanities, Sri Venkateswara Engineering College, Tirupati, Andhra Pradesh-517507. (Phase-1)
2. Participated in One Week AICTE sponsored STTP on “Harmony in the Workplace: Effective Interpersonal & Communication Skills” held from **23-11-2020 to 28-11-2020** through online mode, organized by Department of Science & Humanities, Sri Venkateswara Engineering College, Tirupati, Andhra Pradesh. (Phase-2)
3. Participated in One Week AICTE sponsored STTP on “Harmony in the Workplace: Effective Interpersonal & Communication Skills” held from **21-12-2020 to 26-12-2020** through online mode, organized by Department of Science & Humanities, Sri Venkateswara Engineering College, Tirupati, Andhra Pradesh. (Phase-3)

### Online Certificate Courses:-

1. English Literature of the Romantic Period 1798-1832 from NPTEL.
2. Developing Soft Skills and Personality from NPTEL.
3. Improve Your English Communication Skills from Georgia Institute of Technology.
4. Write Professional Emails in English from Georgia Institute of Technology.
5. Speak English Professionally: In Person, Online & On the Phone from Georgia Institute of Technology.
6. Build Your Professional e Portfolio in English from Georgia Institute of Technology.
7. Take Your English Communication Skills to the Next Level from Georgia Institute of Technology.
8. Business English Communication Skills from University of Washington
9. Business English: Networking from University of Washington
10. Business English: Meetings from University of Washington
11. Business English: Planning & Negotiating from University of Washington
12. Business English: Making Presentations from University of Washington
13. Business English Capstone Project from the University of Washington.
14. Participated One Week online Refresher Course on Bharteeya Chaitanyam from 29-06-2020 to 05-07-2020 organized by Chaithanya Bharathi Institute of Technology, Hyderabad.
15. Successfully completed the Online Certificate Course titled “Resilience in Crisis” and has learnt the essential practice of Heartfulness Meditation for Self Learning and Development by Heartfulness Education.

### Achievements / Awards etc:

- Ratified as Assistant Professor by JNTU Kakinada in 2014.
- Qualified in AP& TS SET-2015 Conducted by Osmania University, Hyderabad.
- Attended various national level Quizzes on English Language & Literature, Grammar, Communication Skills, Soft Skills, General Knowledge, Computer awareness, ICT Tools & Research Methodology.

### Associations / Memberships:

- Life Member, International Association of Engineers (IAENG), Member Number: 240417.

Dr. V. S. Sankara Rao Chinnam



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## Faculty Profile

Name of the Faculty : Siva Nagaraju Talari  
Designation : Assistant professor  
Date of Joining : 02/01/2016  
Nature of Association : Regular  
Email & Phone No. : [talari.snr@gmail.com](mailto:talari.snr@gmail.com) 8688586799  
Department : Basic Science and Humanities  
Educational Background : 1. PGCTE from EFLUniversity  
2. M.A (English)  
Research Areas :  
Experience : 5 years 4 months



Sl. No	Institute	Designation	Period
1	Dhanekula institute of Eng and Tech	Asst.Prof	2016-till date
2	SRK Institute of Technology	Asst.Prof	2015-2016

**List of Publications (National and International Journals): Nil**

**National/International Conferences: Nil**

**Achievements / Awards etc:**

- ❖ Ratified as an Assistant professor in JNTUK in 2017
- ❖ Five day Work shop was held by All India Council for Technical Education on the topic of 'Universal Human Value' from 19<sup>th</sup> Oct to 23 Oct.
- ❖ One day Work shop was held by English Department of Gudlalleru Engineering College on the topic of 'Task-Based Language Teaching' on 16 July, 2016.
- ❖ Three day Online Faculty Development Programme 'on Up to date Interview Skills' was held by Infosys team from 22 Feb to 24 Feb.
- ❖ Five day online Faculty Development Programme on 'Teaching English Online held by Lendy Institute of Engineering and Technology from 27<sup>th</sup> May to 31<sup>st</sup> May.
- ❖ Ten day Faculty Development Programme on English and Employability skills was held by British Council as a part of the Andhra Pradesh Higher Education English Communication Skills Project (APSHE).
- ❖ Certificate course in Enhancing Soft skills and personality by NPTEL.



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### Faculty Profile

Name of the Faculty : M.Venkateswarulu  
Designation : Assistant Professor  
Date of Joining : 31/12/2012  
Nature of Association : Regular  
Email & Phone No. : [mvlv.madhavapeddy@gmail.com](mailto:mvlv.madhavapeddy@gmail.com) 9440035545  
Department : Basic Sciences & Humanities(English)  
Educational Background: 1. Ph.D from Magdha University  
2. MA from ANU, Guntur

Research Areas :

Experience :

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	31-12-2012 – Till date
2	Srichaitanya College	Lecturer	2000-2012
3	Raman Academy	Lecturer	1986-2000
4	P B Siddhartha College of Arts and Science	Lecturer	1983-1986

**List of Publications (National and International Journals): Nil**

**National/International Conferences: Nil**

**Achievements / Awards etc: Nil**

**M.Venkateswarulu**



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## Faculty Profile

**Name of the Faculty** : VISALI.G  
**Designation** : Assistant Professor  
**Date of Joining** : 02/07/2018  
**Nature of Association** : Regular  
**Email & Phone No.** : [visali2k14@gmail.com](mailto:visali2k14@gmail.com) , 9642312995  
**Department** : English (S&H)  
**Education Background** : M.A (English) , M.Phil, (Ph.D)  
**Research Areas** : English Language / Literature (Indian Writing in English)  
**Experience** : 11 years



Sl.No.	Institute	Designation	Period
1	NRI Academy Jr. College , Vijayawada	Lecturer	2 yrs
2	Nova Institute of Engineering & Technology	Assistant Professor	9 months
3	Lingayas Institute of Engineering and Technology, Madalavarigudem	Assistant Professor	5 yrs
4	KBN Degree College, Autonomous, Vijayawada	Lecturer	8 months
5	Dhanekula Institute of Engineering and Technology, Ganguru	Assistant Professor	9yrs

**List of Publications (National and International Journals): 6**

**Nation/International Conferences: 3**

S.No.	Paper	Journal / Conference
1	“The Shadow Lines: A World of Illusions and Fantasies”	India Social Vision, ISSN 2349-0519.
2	“Trauma and Joy of Becoming and Belonging of Indigenous Characters in Diaspora Writings”	Research Journal Of English, ISSN NO:2456-2696
3	“The Translation of The Photographer”	To be published
4	“The unidentified and unearthly wisdom of the subalterns in Amitav Ghosh’s The Calcutta Chromosome”	In the proceedings of the International Seminar on Indian Indigenous Insights into Language, Literature and Culture, organized by S.S.K. Basaveshwar College of Arts, Science, Commerce & PG College, Basavakalyan, Karnataka, ISBN: 978-81-931871-8-0.
5	“Diasporic Sensibilities with reference to the writings of contemporary Indian Writers (Amitav Ghosh, Salman Rushdie and Aravind Adiga)”	Veda’s Journal of English Language and Literature (JOELL)



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**Achievements / Awards etc:** Invited Lectures / Chairing sessions

<b>S.No</b>	<b>Title of Lecture / Academic Session</b>	<b>Title of Conference / Seminar etc</b>	<b>Date (s) of the event</b>	<b>Organized by</b>
<b>1</b>	Teacher Training	„AP English Skills“ at PVP Siddhartha College of Engineering & Technology, Kanuru	10 to 15 July, 2017 and 24 to 29 July, 2017	APSCHE / British Council

**Visali.G**



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## Faculty Profile



Name of the Faculty : Sakileti Rajkumar  
Designation :Assistant Professor  
Date of Joining : 03-07-2017  
Nature of Association : Regular  
Email & Phone No. : Rajkumar.sakileti@gmail.com & 9703710898  
Department : Basic Sciences & Humanities (ENGLISH)  
Educational Background : 1. M.A (English) in P.B. Siddhartha college of Arts & science.  
2. B.ED ( English) Y.V Rao Siddhartha college,  
kanuru.  
Research Areas :  
Experience : 5 Years

Sl. No	Institute	Designation	Period
1	DhaneKula Institute of Engineering & Technology, Ganguru	Assistant Professor	2017 – Till date

**List of Publications (National and International Journals): Nil**

**National/International Conferences: Nil**

**Achievements / Awards etc: Nil**

**S.RAJKUMAR**



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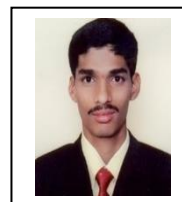
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## Faculty Profile

Name of the Faculty : Y.Priya Sagar  
Designation : Assistant Professor  
Date of Joining : 08/11/2013  
Nature of Association : Regular  
Email & Phone No. : [priyasagar0025@gmail.com](mailto:priyasagar0025@gmail.com) & 9966942817  
Department : Basic Science & Humanities  
Educational Background : MBA (HR & Marketing)



Research Areas :  
Experience : 10 Years

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Assistant Professor	2013 to till date
2	Sri Sunflower college of Engineering & Technology	Assistant Professor	2011 to 2013

**List of Publications (National and International Journals): Nil**

**National/International Conferences: Nil**

**Achievements / Awards etc: Nil**

**Y. Priya Sagar**



DIET/6.2.2/RC 04

**FACULTY / STAFF PROFILE**

- Department : BS&H  
1. Name :B..Gayatri  
2. Date of Birth : 12.11.1977  
3. Highest Qualification :M.B.A



## 4. Academic Performance (Descending Order)

S. No	Degree	University/Institution	Year of Pass	% of Marks	Class
1	M.B.A	VCMCS-Chennai (madras university)	2000	67%	First class
2	B.B.M	RITAMS-Tanuku (Andhra university)	1998	66%	First class
3	INTER (MPC)	S.F.S . Junior College-Tanuku	1995	60%	First class
4	S.S.C.	S.F.S SCHOOLTanuku	1993	73%	First class

## 5. Total Years of Experience

S. No	Period		Organization /Institution	Position Held
	From	To		
1	June 2017	Till Date	DIET, Ganguru	Assistant Professor
2	August 2013	Dec2017	Sri Vasavi institute -Tanuku	Assistant Professor
3	June 2010	July2013	Sree rama institute of mgt -Tanuku	Lecturer
4	July2009	April2010	Chaitanya PG center-Kakinada	Lecturer

6. Date of joining in this Institution : 12.6.2017  
7. Status as on date of joining : Assistant Professor  
8. Salary as on date of joining : 21,600/-  
9. Present Status : Assistant Professor  
10. Salary as on date : 23600/-  
11. Number of promotions since date of joining : Nil  
12. Achievements since date of joining : Nil

Sl No.	Achievements	Year	Particulars
	Nil		

## 13. Self-Appraisal:

Major Strengths	Major Weakness
1. Hard working nature 2. Team work	1. Sensitive

Signature of Faculty /Staff



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Email: dietoffice2009@rediffmail.com; URL: www.diet.ac.in

## Faculty Profile

Name of the Faculty : Srinivas Kalagara  
Designation : Training and Placement Officer  
Date of Joining : 1/07/2014  
Nature of Association : Regular  
Email & Phone No. : Tpo@diet.ac.in & 9515999049  
Department : Basic Science & Humanities



Educational Background: M.H.R.M – Andhra University

B.A (Industrial Relations Personal Management) – Andhra University

Experience : 16 Years

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Training and Placement Officer	1-07-2014 to Till Dated
2	Avanathi Institute of Engineering and Technology	Central Placement Officer	1-06-2011 To 30-06-2014
3	Manava Rachana Inter National University	CRO- Corporate Relation Officer	01-05-2009 To 31-05-2011

**List of Publications (National and International Journals): -**

**National/International Conferences: -**

**Achievements / Awards etc: -**

**K.Srinivas**

## FACULTY / STAFF PROFILE

1. Department : BS&H (LIBRARY)  
 2. Name : Mr. A. Kiran Kumar  
 2. Date of Birth : 25-08-1980  
 3. Highest Qualification : M. A; M. LI. Sc



### 4. Academic Performance (Descending Order)

Sl. No	Degree	University/ Institution	Year of Pass	% of Marks	Class
1	M. L. I. Sc	Dr. B. R. Ambedkar Open University	2007	55	Second
2	B. L. I. Sc	Dr. B. R. Ambedkar Open University	2005	62	First
3	M.A	Andhra University	2004	52	Second
4	B.A	A.N.U	2002	60	First

### 5. Total Years of Experience

Sl. No	Period		Organization / Institution	Position Held
	From	To		
1	2003	2004	Sarvothama Grandalayam, VJA	Library Asst.
2	2004	2011	GITAM University	Asst. Librarian
3	5-05-2011	Till Date	DIET, Ganguru	Librarian

6. Date of joining in this Institution : 5-05-2011  
 7. Status as on date of joining : LIBRARIAN  
 8. Salary as on date of joining : 18,000/-  
 9. Present Status : LIBRARIAN  
 10. Salary as on date : 34945/-  
 11. Number of promotions since date of joining : X  
 12. Achievements since date of joining : X

Sl. No.	Achievements	Year	Particulars
X	X	X	X
X	X	X	X
X	X	X	X

### 13. Self-Appraisal:

Major Strengths	Major Weakness
1.	1.
2.	2.
3.	3.

A.KIRAN KUMAR

Signature of Faculty /Staff

## FACULTY / STAFF PROFILE

1. Department : BS&H (PHYSICAL EDUCATION)  
 2. Name : Lt. K. Satyanarayana Rao  
 2. Date of Birth : 15-06-1983  
 3. Highest Qualification : M. A, M.P.Ed



### 4. Academic Performance (Descending Order)

Sl. No	Degree	University/ Institution	Year of Pass	% of Marks	Class
1	M.A.	GITAM, Gitam University	2019	63%	Second
2	M. P. Ed	University College, Andhra University	2009	92%	Distinction
3	B.Com.	K.B.N.College, Acharya Nagarjuna University, Guntur	2004	46%	Third
4	B. P. Ed	University College, Acharya Nagarjuna University	2007	67%	First

### 5. Total Years of Experience

Sl. No	Period		Organization / Institution	Position Held
	From	To		
1	7-10-2009	Till Date	DIET, Ganguru	Physical Director

6. Date of joining in this Institution : 7-10-2009  
 7. Status as on date of joining : PHYSICAL DIRECTOR  
 8. Salary as on date of joining : 7,000/-  
 9. Present Status : PHYSICAL DIRECTOR & ANO  
 10. Salary as on date : 34945/-  
 11. Number of promotions since date of joining : 1  
 12. Achievements since date of joining : 2

Sl. No.	Achievements	Year	Particulars
1.	ASSOCIATE NCC OFFICER RANK: LIEUTENANT	2013	Achieved NCC "Lt. Rank" holder in 2013 (NCC PRCN course completed, Officer's Training Academy Kamptee, Nagpur in 2013)
2.	ASSOCIATE NCC OFFICER RANK: CAPTAIN	2018	NCC promotion course for "Captain Rank" in the month of March 2018 held at Officer's Training Academy Kamptee, Nagpur. To become Captain rank in the month of December 2021.

### 13. Self-Appraisal:

Major Strengths	Major Weakness
1. Hard work 2. Sincere	1. Blindly to believe others 2. Angry

Lt. K. SATYANARAYANA RAO

Signature of Faculty /Staff

**15. Admission Quota:**

**70% Category-A and 30% Category-B**

**Admission Procedure:**

Menti on the admission test being followed, name and address of the Test Agency and its URL(Website)	APEAMCET / APECET / APPGECET	
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET(State conducted test/ University tests/ CMAT/GPAT)/Association conducted test)	APEAMCET	70%
	APECET	10% of Sanctioned Intake at Second Year
	APPGECET	70%
Calendar for admission against Management/vacant seats:		
Last date of request for applications	Institution is supposed to follow the time line for admissions as per Andhra Pradesh State Counsel of Higher Education (APSCHE) guidelines	
Last date of submission of applications		
Dates for announcing final results		
Release of admission list (main list and waiting list shall be announced on the same day)		
Date for acceptance by the candidate (time given shall in no case be less than 15 days)		
Last date for closing of admission		
Starting of the Academic session		
The waiting list shall be activated only on the expiry of date of main list		
The policy of refund of the fee, in case of withdrawal, shall be clearly notified		

<b>Fees in rupees</b>	:	Rs.60,800/- per annum for the academic years 2019-20 & 2020-21 & Rs.63800/- per annum for the academic years 2017-18 & 2018-19
Number of Fee Waivers offered	:	--
Admission calendar	:	As announced by APSCHE
PIO quota	:	NA

**16. Infrastructural Information:**

**New Labs/Infrastructure Developed:**

The following new Laboratory /Infrastructure have been established based on curricular changes, aging, Technological obsolescence and requirements of additional skill development laboratories since 2017-18.

S. No	Department & Laboratories since (AY 2017-18)	Cost
1	<b>Electrical &amp; Electronics Engineering:</b> Electrical Simulation Lab & Power Electronics Lab	49,84,645.80
2	<b>Mechanical Engineering:</b> Theory of Machines Lab, Mechatronics Lab and Thermal Engineering Lab	16,35,392.00
3	<b>Electronics &amp; Communication Engineering Laboratories:</b> Analog and Digital Communication laboratory experimental boards and Equipment	31,96,941.00 4,13,952.00
4	<b>Computer Science &amp; Engineering:</b> Data Engineering Lab, Open Source Technologies Lab	69,94,400.00
5	<b>Data Centre:</b> To cater Institutional Networking and Computing Needs	81,95,624.00
6	<b>Basic Laboratories:</b> Physics, Chemistry and Language Lab	3,09,747.00

<b>17. Boys Hostel</b>	:	Capacity: 136
<b>Girls Hostel</b>	:	Capacity: 240
<b>18. Academic Sessions</b>	:	
<b>Examination System, Year/Sem</b>	:	Semester
<b>Period of declaration of results</b>	:	Within one month after last exam by JNTUK
<b>19. Counseling/Mentoring</b>	:	A group of 15 to 18 students are attached to Faculty for Counseling/Mentoring
Career Counseling	:	Career Counseling cell and T&P Cell with the help of the concerned Department, look after the activity of Career Counseling.
Medical facilities	:	Available
Student Insurance	:	Available
<b>20. Student Activity Body</b>	:	Yes (Samskruthi – Arts & Cultural Society)
Cultural activities	:	Yes
Sports activities	:	Yes
Literary activities	:	Yes
Magazine/News letter	:	Yes
<b>21. Name of the Information Officer for RTI</b>	:	<b>Dr. Ravi Kadiyala</b>
Designation	:	Principal
Phone number with STD code	:	8333924842
E-mail	:	diet.principal@gmail.com