



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

## Mandatory Disclosure 2019-2020

1	Name of the Institution	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY & MANAGEMENT (An Autonomous Institute)
•	Address	Dundigal, Hyderabad – 500 043 Telangana, India
•	Phone No./Alternate phone no.	040-29556182
•	Mobile No	
•	E-Mail	<a href="mailto:principal@mlritm.ac.in">principal@mlritm.ac.in</a>
2	Name and address of the Trust/ Society/ Company and the Trustees	Marri Educational society
•	Address	Dundigal, Hyderabad – 500 043 Telangana, India
•	Phone No./Alternate phone no.	040-29556182
•	Mobile No	
•	E-Mail	<a href="mailto:info@mlritm.ac.in">info@mlritm.ac.in</a>
3	Name and Address of the Vice Chancellor/ Principal/ Director	Dr. K. Venkateswara Reddy Principal
•	Address	Dundigal, Hyderabad – 500 043 Telangana, India
•	Phone No./Alternate phone no.	040-29556182
•	Mobile No	

•	E-Mail	<a href="mailto:principal@mlritm.ac.in">principal@mlritm.ac.in</a>
4	<b>Name of the affiliating University</b>	Jawaharlal Nehru Technological University Hyderabad
•	Address	Kukatpally Housing Board Colony, Kukatpally Hyderabad-500085, Telangana ,India
5	<b>Governance</b>	
•	<b>Members of the Board and their brief background</b>	

S No	Category	Name of the members
1	Members of the Management	<ul style="list-style-type: none"> <li>Sri M. Laxman Reddy, Chairman, Marri Laxman Reddy Institute of Technology and Management, Hyderabad</li> <li>Sri M. Rajasekhar Reddy, Secretary and Correspondent, Marri Laxman Reddy Institute of Technology and Management, Hyderabad</li> <li>Sri M Mamatha Reddy, Treasurer, Marri Laxman Reddy Institute of Technology and Management, Hyderabad.</li> </ul>
2	Industrialist	<ul style="list-style-type: none"> <li>Sri. M. Nagarjun, Asst. Vice-President, Tech Mahindra, Hyderabad – Industry</li> </ul>
3	Educationist	<ul style="list-style-type: none"> <li>Dr. L. Pratap Reddy, Professor in ECE, JNTUH.</li> </ul>
4	UGC Nominee	<ul style="list-style-type: none"> <li>Dr. K. Rama, Adviser, NAAC, Bangalore.</li> </ul>
5	State Govt. Nominee	<ul style="list-style-type: none"> <li>Smt. Shafiaz Akthar, Principal, Government Polytechnic College, Yadagirigutta.</li> </ul>
6	J N T University Nominee	<ul style="list-style-type: none"> <li>Dr. V. Kamakshi Prasad, Professor, department of Computer Science &amp; Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad</li> </ul>
7	Member - Faculty	<ul style="list-style-type: none"> <li>Dr. C. Balarenga Durai, Professor, Computer Science and Engineering, Hyderabad</li> </ul>
8	Ex - Official	<ul style="list-style-type: none"> <li>Dr. K. Venkateswara Reddy, Principal, Marri Laxman Reddy Institute of Technology and Management, Hyderabad</li> </ul>

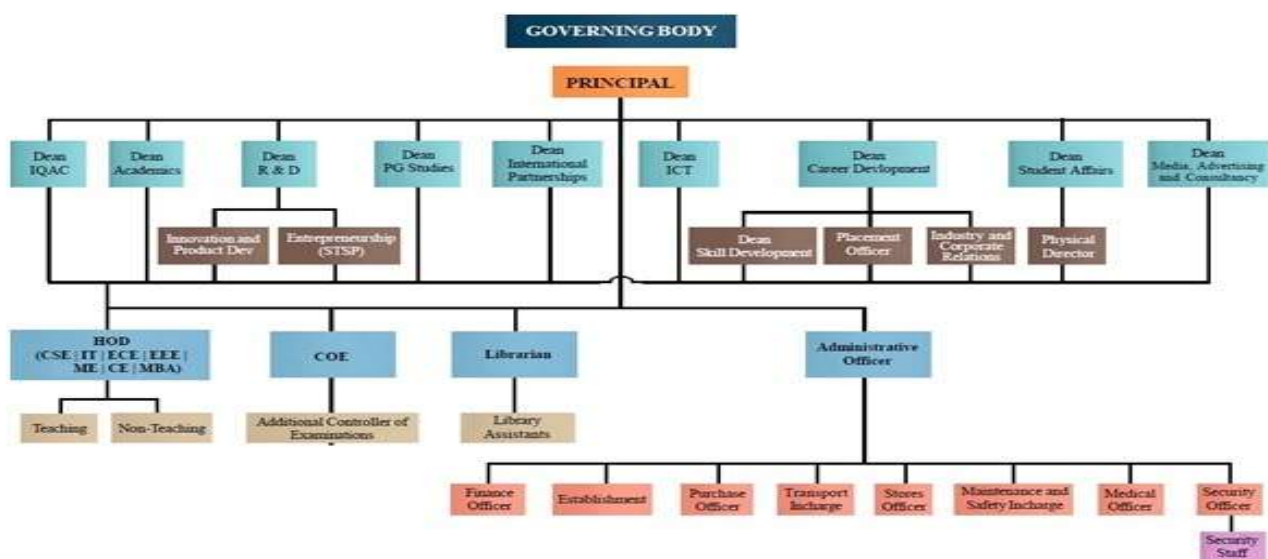
•	<b>Members of Academic Advisory Body</b>	
S No	Category	Name of the members
1	Chairman	<ul style="list-style-type: none"> <li>Dr. K. Venkateswara Reddy, Principal, Marri Laxman Reddy Institute of Technology and Management, Hyderabad</li> </ul>
2	Nominees of University Jawaharlal Nehru Technological University Hyderabad	<ul style="list-style-type: none"> <li>Dr. K. Rammohan Reddy, Professor, Department of Water Resources, UAAC, JNTUH, Hyderabad.</li> <li>Dr. G. K. Viswanath, Professor, Department of Civil Engg. &amp; Director, UGC-HRDC, JNTUH Hyderabad.</li> <li>Dr. R. Markandeya, Professor, Department of Metallurgy &amp; Principal, JNTUHCEM, Manthani.</li> </ul>
3	Experts from outside the College	<ul style="list-style-type: none"> <li>Dr. L. Pratap Reddy Professor in ECE, JNTUH</li> <li>Shri. S. Shanmugam, Chairman, SAE, India Southern Section, SIDCO, Chennai – Engg.</li> <li>Shri. M. Nagarjun, Asst. Vice-President, Tech Mahindra, Hyderabad – Industry</li> <li>Shri. C. Shanthi Kumar, Director, EPAM Systems, Hyderabad – Software</li> </ul>

4	Members- Head of the Departments	<ul style="list-style-type: none"> <li>• Dr. M. Saravanan, Professor &amp; Head, Department of Civil Engineering.</li> <li>• Dr. C. Balarenga Durai, Professor &amp; Head, Department of Computer Engineering.</li> <li>• Dr. B. Srinivas, Professor &amp; Head, Department of Electronics and Communication Engineering.</li> <li>• Dr. A. Vinod, Associate Professor &amp; Head, Department of Electrical and Electronics Engineering.</li> <li>• Dr. B. Ravi Prasad, Professor &amp; Head, Department of Information Technology.</li> <li>• Dr. M. Surya Prakash, Professor &amp; Head, Department of Mechanical Engineering.</li> <li>• Dr. K. Ashok, Professor &amp; Head, Department of Freshmen Engineering.</li> <li>• Dr. K. Veeraiah, Professor &amp; Head, Department of Business Administration.</li> </ul>
5	Faculty Member – Member Secretary	<ul style="list-style-type: none"> <li>• Dr. C. Balarenga Durai, Professor &amp; Head, Department of Computer Engineering.</li> </ul>
6	Senior Faculty of Marri Laxman Reddy Institute of Technology and Management	

**Frequently of the Board Meeting and Academic Advisory Body**

- Frequency of Board of Studies Meeting – Quarterly
- Frequency of Meeting of the Academic Council – Quarterly

**Organizational chart and processes**



•	<b>Nature and Extent of involvement of Faculty and students in academic affairs/ improvements</b>	<ul style="list-style-type: none"> <li>• Faculty and students are involved in different activities which lead to improvements in academics.</li> <li>• Head of the Departments regularly monitor the class schedule of the day. Academic Monitoring Committee where faculty members and students are the part of the committee, is also in place to monitor the academic deliverables in line with compliance to the curriculum and regular and timely delivery of the syllabus.</li> <li>• Department wise Board of studies are there where faculty members are the part of the board long with Industry expert to review the curriculum and make it contemporary. Industry experts share their thoughts on a chosen theme and at times suggestions made by the industry experts with faculty members during their discussions lead to insights on academic improvements.</li> <li>• Every faculty member has been involved with mentoring for maximum 20 students from all the years to provide specialized guidance to the students in matters of academics, career, personality development, social obligation, etc.</li> </ul>
•	<b>Mechanism/ Norms and Procedure for democratic/ good Governance</b>	<ul style="list-style-type: none"> <li>• The Institute believes in collective efforts, symbiotic relationships and participate management.</li> <li>• The management, faculty members, administrative staff and the students are all integral parts of the Institution. They all participate effectively in the running of the Institute.</li> <li>• A belief of mutual benefit is embedded in everyone at the Institute irrespective of his or her hierarchical position. Cordial relationships are maintained. Transparency in operations and conduct is accorded top priority which has helped in creating an environment of fraternity in the Institute.</li> </ul>
•	<b>Student Feedback on Institutional Governance/ Faculty performance</b>	<ul style="list-style-type: none"> <li>• An online feedback system has been prepared to document the feelings of the Students about the College and more specifically about the Academic and Extracurricular activities.</li> <li>• These online feedbacks are taken usually at the beginning and ending of each semester. The reports of the analysis of the feedback are sent to the concerned committee for screening and finding the conclusions.</li> <li>• The concerned in consultation with the Principal then take appropriate measures to address the weaknesses. Besides this, the suggestion boxes for the students has been fixed at every department. The college makes periodic review of the suggestions/complaints so received</li> </ul>

• **Grievance Redressal mechanism for Faculty, staff, and students**

- In order to ensure transparency by the Institution, imparting education, in admissions, with Paramount Objective of preventing unfair practices, and to provide a mechanism to students for redressal of their grievances, the following Regulations, are made based on the notification issued by AICTE, New Delhi vide F.No.37-3 Legal/2012 dated 25th May 2012. Any grieved member can lodge the complaint on the institute's website through grievance mechanism.
- Grievances Redressal Committee is formed in order to keep the healthy working atmosphere and to uphold the dignity of the institute by ensuring strife free atmosphere in the institute to promote cordial student to student relationship, student to teacher relationship relations etc. This cell also helps students and parents to record their complaints and solve their problems related to academics, resources, and personal givernence.

• **Establishment of Anti Ragging Committee**

- Anti-Ragging Committee has been formed to prohibit, prevent and eliminate the scourge of ragging including any conduct by any of the ragging activities.
- The committee will work in accordance with All India Council for Technical Education notified Regulation No. 37-3/Legal/AICTE/2009 dt 01.07.2009. Affected students can contact the committee members mentioned hereunder –

S No	Name	Designation	Department	Responsibility
1	Dr. K. Venkateswara Reddy	Principal	CSE	Chairman
2	Dr. K. Veeraiah	Professor and Head	MBA	Convener
3	Mr. K. Abdul Basith	Professor and Head	CSE	Member
4	Mr. K. N. Bhushan	Associate Professor	ECE	Member
5	Mr. U. Sudhakar	Assoc Professor and Head	Mech	Member
6	Mr. K .Murali	Assoc Professor and Head	CE	Member
7	Mr. G. Pavan	Assist Professor	EEE	Member
8	Dr. D. Venkateshwarlu,	Professor	ME	Member
9	Dr. K. Ashok	Professor and Head	Freshman	Member
10	Dr. C. Balarengaduari	Professor	MBA	Member
11	Mr. S Kranthi Kumar	Assist Professor	ME	Member
12	Mr. B Prasad	Assoc Professor	CSE	Member
13	Mrs. M Pallavi Reddy	Assist Professor	CSE	Member
14	Mr. B. Koteswar Rao	Assist Professor	ECE	Member
15	Mr. N. Ramesh	Assist Professor	H & S	Member
16	Mr. B. Kumara Swamy	Assist Professor	H & S	Member
17	Mr. B.G.N. Saroj	Assoc Professor	MBA	Member
18	Mr. T. Jaya Krishna	Assist Professor	CE	Member
19	Mr. K. Rambabu	Physical Director	Admin	Member
20	Mr. K. Narendar	Administrative officer	Admin	Member

• **Establishment of Online Grievance Redressal Mechanism**

- In order to ensure transparency by the Institution, imparting education, in admissions, with Paramount Objective of preventing unfair practices, and to provide a mechanism to students for redressal of their grievances, the following Regulations, are made based on the notification issued by AICTE, New Delhi vide F.No.37-3 Legal/2012 dated 25th May, 2012. Any grieved member can lodge the complaint on the institute's website through grievance mechanism
- Suggestion / complaint Boxes have been installed at different places in the campus, in which the students who want to remain anonymous, can put in writing their grievances and their suggestions for improving the academic/administration in the institute. Students and parents can lodge a complaint. Students can also lodge ragging complaints. The person concerned can personally approach or write / e-mail to any member of the cell. They can write an application and submit it to cell convener

S No	Name	Designation	Department	Responsibility
1	Dr. K. Venkateswara Reddy	Principal	CSE	Chairman
2	Dr. S. Kishore	Assoc Professor	ECE	Coordinator
3	Mr.U. Sudakar, Mech	Assoc Professor	ME	Member
4	Mrs.Ch.Hemalatha, H&S	Assoc Professor	Freshmen	Member
5	Dr.V.Varalaxmi, Civil	Professor	CE	Member
6	Mrs.B.Sirisha, MBA	Asst Professor	MBA	Member

• **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**

Yes

• **Establishment of Internal Complaint Committee (ICC)**

- The committee focuses on women development and counseling. Periodic meetings are held, and complaints regarding women harassment are discussed and resolved in consultation with college administration and management.

S No	Name	Designation	Department	Responsibility
1	Dr. K. Venkateswara Reddy	Principal	CSE	Chairman
2	Dr. M. Nagalakshmi	Professor	IT	Coordinator
3	Dr. V. Varalakshmi	Professor	Civil	Member
4	Mrs. K .Chaitanya	Assoc Professor	Mech	Member
5	Mrs. CH. Hemalatha	Assoc Professor	Freshmen	Member
6	Mrs. K. S. Monica	Asst Professor	ECE	Member
7	Mrs. M. Pallavi Reddy	Asst Professor	CSE	Member
8	Mrs. N. Bhargavi	Asst Professor	EEE	Member
9	Mrs B Sirisha	Asst Professor	MBA	Member

• **Establishment of Committee for SC/ ST**

- The committee focuses on the holistic development of SC/ST students and plans executes and monitors all the activities regards to SC/ST student's development

S No	Name	Designation	Department	Responsibility
1	Dr. K. Venkateswara Reddy	Principal	CSE	Convener
2	Dr. S. Prathap singh	Assoc Professor	CSE	Co - Convener
3	Mr. K. Sunil Santosh	Assistant Professor	CSE	Member
4	Mr. N. Krishna Rao	Assistant Professor	CE	Member
5	Mr. B. N. Srinivas Rao	Associate Professor	ECE	Member
6	Mr. T. Naganna	Assistant Professor	ME	Member

• **Internal Quality Assurance Cell**

- The committee is a Nodal Agency for monitoring the working of the Institution and is committed to overall quality enhancement in the Institution.
- It is committed to the culture of quality through the process of continuous monitoring and improvement by developing a student centric approach which provides a conducive teaching-learning and research environment with the ambience of creativity, wisdom and team spirit to orient the talents of students with human values for making a positive contribution to society.

S No	Name	Designation	Department	Responsibility
1	Dr. K. Venkateswara Reddy	Principal	CSE	Chairman
2	Mrs. K. Chaitanya	Assoc Professor	ME	Coordinator
3	Mr. T. Naganna	Assistant Professor	ME	Member
4	Dr .K. Suresh babu	Professor	Freshmen	Member
5	Mrs. M. Pallavi Reddy	Assistant Professor	CSE	Member
6	Dr. N. Srinivas	Assoc Professor	ECE	Member
7	Dr. S. Kishore	Assoc Professor	ECE	Member
8	Mr. D. Shiva Ram Krishna	Assistant Professor	CSE	Member
9	Mr. Y. Appa Rao	Assistant Professor	CSE	Member
10	Dr. M. Sarvanan	Professor	CE	Member
11	Mrs. B. Shirisha	Assistant Professor	MBA	Member

6 **Programmes**

• **Name of Programmes approved by AICTE**

S No	Program	Level	Course
1	Engineering and Technology	UG	Civil Engineering
2			Computer Science and Engineering
3			Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4			Computer Science and Engineering (Cyber Security)
5			Computer Science and Engineering (Data Science)
6			Electronics and Communication Engineering
7			Electrical and Electronics Engineering
8			Mechanical Engineering
9			Information Technology
10			Computer Science and Information Technology

11			Computer Science & Engineering
12			Embedded Systems
13		PG	Structural Engineering
14			CAD/CAM
15	Management	PG	Masters in Business Administration

**Name of Programmes  
Accredited by NBA**

S. No	Program	Department	First NBA Visit	Second NBA Visit
1	UG Programs in Engineering (B.Tech)	Civil Engineering	3 Years 2016 to 30-06-2019	3 years 01-07-2019 to 30-06-2022
2		Computer Science and Engineering	3 Years 2016 to 30-06-2019	3 years 01-07-2019 to 30-06-2022
3		Electronics and Communication Engineering	3 Years 2016 to 30-06-2019	3 years 01-07-2019 to 30-06-2022
4		Mechanical Engineering	3 Years 2016 to 30-06-2019	3 years 01-07-2019 to 30-06-2022

**7 Status of Accreditation  
of the Courses**

**For each Programme  
the following details are  
to be given:**

	Programme		Civil Engineering		
	Course		B. Tech.		
	Level		Under Graduate		
	Duration		Four Year		
	Number of seats		60		
	Cut off marks/rank of admission during the last three years		2019	2018	2017
	Fee		2019	2018	2017
			80,000	65,000	65,000
	Placement Facilities				
	Campus placement		2019	2018	2017
	in last three years with minimum salary, maximum salary and average salary	Campus placement	To be filled	To be filled	To be filled
		Minimum salary	To be filled	To be filled	To be filled
		Maximum salary	To be filled	To be filled	To be filled
		Average salary	To be filled	To be filled	To be filled
	Name of Programmes Accredited by AICTE		Civil Engineering		

	Status of Accreditation of the Courses (Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for ..... Courses)	4 years 2016 to 30-06-2019      4 Years 01-07-2019 to 30-06-2022      3 Years
--	---	---

	Programmes	Computer Science and Engineering			
	Course	B. Tech.			
	Level	Under Graduate			
	Duration	Four Year			
	Number of seats	180			
	Cut off marks/rank of admission during the last three years	2019	2018	2017	
	Fee	2019	2018	2017	
		80,000	65,000	65,000	
	Placement Facilities				
	Campus placement in last three years with minimum salary, maximum salary and average salary	2019	2018	2017	
		Campus placement	To be filled	To be filled	To be filled
		Minimum salary	To be filled	To be filled	To be filled
		Maximum salary	To be filled	To be filled	To be filled
	Average salary	To be filled	To be filled	To be filled	
	Name of Programmes Accredited by AICTE		Computer Science and Engineering		
	Status of Accreditation of the Courses (Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for ..... Courses)	4 years 2016 to 30-06-2019                      4 Years 01-07-2019 to 30-06-2022      3 Years			

	Programmes	Electronics and Communication Engineering			
	Course	B. Tech.			
	Level	Under Graduate			
	Duration	Four Year			
	Number of seats	180			
	Cut off marks/rank of admission during the last three years	2019	2018	2017	
	Fee	2019	2018	2017	
		80,000	65,000	65,000	
	Placement Facilities				
	Campus placement in last three years with minimum salary, maximum salary and average salary		2019	2018	2017
		Campus placement	To be filled	To be filled	To be filled
		Minimum salary	To be filled	To be filled	To be filled
		Maximum salary	To be filled	To be filled	To be filled
		Average salary	To be filled	To be filled	To be filled
	Name of Programmes Accredited by AICTE		Electronics and Communication Engineering		
	Status of Accreditation of the Courses (Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for ..... Courses)		4 years 2016 to 30-06-2019                      4 Years 01-07-2019 to 30-06-2022      3 Years		

	Programmes	Mechanical Engineering			
	Course	B. Tech.			
	Level	Under Graduate			
	Duration	Four Year			
	Number of seats	60			
	Cut off marks/rank of admission during the last three years	2019	2018	2017	
	Fee	2019	2018	2017	
		80,000	65,000	65,000	
	Placement Facilities				
	Campus placement in last three years with minimum salary, maximum salary and average salary	2019	2018	2017	
		Campus placement	To be filled	To be filled	To be filled
		Minimum salary	To be filled	To be filled	To be filled
		Maximum salary	To be filled	To be filled	To be filled
	Average salary	To be filled	To be filled	To be filled	
	Name of Programmes Accredited by AICTE		Mechanical Engineering		
	Status of Accreditation of the Courses (Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for ..... Courses)	4 years 2016 to 30-06-2019                      4 Years 01-07-2019 to 30-06-2022        3 Years			

•	<b>Name and duration of Programme(s) having Twinning and Collaboration with Foreign</b>	NA
---	---	----

•	<b>For each Programme Collaborated provide the following:</b>	NA
---	---	----

## 8 Faculty

•	<b>Branch wise list Faculty members</b>
---	---

S No	Branch	Permanent Faculty	Adjunct Faculty	Permanent Faculty: Student Ratio	Number of Faculty employed	Number of Faculty Left
1	CSE	40	-	1:20	40	-
2	IT	08	-	1:20	08	-
3	ECE	31	-	1:20	31	-
4	EEE	12	-	1:20	12	-
5	ME	18	-	1:20	18	-
6	CE	20	-	1:20	20	-
7	Humanities	22	-	1:20	22	-
8	MBA	09	-	1:20	09	-
	Total	<b>160</b>	-	1:20	160	

**Profile of Vice Chancellor/ Director/ Principal/ Faculty**  
**For each Faculty give a page covering with Passport size photograph**

Each faculty Profiles are updated in the Institute website. The following are the weblinks of each department.

<https://mlritm.ac.in/marri-laxman-reddy/civil-staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/it-staff-details>


<https://mlritm.ac.in/marri-laxman-reddy/ece-staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/mech-staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/freshman-staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/eee-staff-details>

<https://mlritm.ac.in/marri-laxman-reddy/mba-staff-details>

1										
	Name of the Faculty		Dr. K. Venkateswara Reddy							
	Designation		Principal							
	Department		Computer Science and Engineering							
	Date of Joining the Institution		01-Nov - 2012							
	Date of Birth		16- Feb- 1969							
	AICTE Unique id									
	Educational Qualifications with Class/Grade		UG		PG			PhD		
FIRST CLASS			FIRST CLASS with Distinction			Awarded				
	Total Work Experience in Years		Teaching	31	Industry	-	Research	22		
			Other	-						
	Area of Specialization		Cloud computing, Network security, MANET and other emerging fields of computer science.							
	Courses Taught at									
	Research guidance		Master	15	Ph.D.	-				
	Projects Carried out		Economic empowerment of rural women of Quthbullapurmandal (Rangareddy District, TelanganaSatate) through value addition to unutilized biomass from fresh water ponds/lakes and waste water management technologies							
	Patents		-							
	Technology Transfer		-							
	Research Publications		National Journals	International Journals		National Conference		International Conference		

		4	18	16	04
	No. of Books published with details	1. Detection and Prediction of DDoS attacks in IEEE 802.15.4 MAC Layer - Lambert Academic Publishing, 2015 Germany –b ISBN 978-3-659-71073-5.			
	Certifications:	1. A Certificate of Training Programme for Engineering Mathematics Teachers sponsored by TEQIP, Osmania University Hyderabad. 2. A Certificate of NCC 'C' Ministry of Defense, Govt. of India			

9	Fee	
---	-----	--

•	<b>Details of Fee, as approved by State Fee Committee, for the Institution</b>	Fee in Rs
---	--	-----------

S No	Programme	I Year	II Year	III Year	IV Year
1	B.Tech	80,000	80,000	65,000	65,000
2	M.Tech	60,000	60,000	-	-
3	MBA	30,000	30,000	-	-

•	<b>Time schedule for payment of Fee for the entire Programme</b>	• Date for paying the college annual tuition fee, is before 10th June of every year
---	--	---

•	<b>No. of Fee waivers granted with amount and name of students</b>	-
---	--	---

•	<b>Number of scholarships offered by the Institution, duration and amount</b>	-
---	---	---

•	<b>Criteria for Fee waivers/scholarship</b>	-
---	---	---

•	<b>Estimated cost of Boarding and Lodging in Hostels</b>	Estimated Cost of Boarding and Lodging in Hostels for one A.Y. is <b>Rs. 70,000/-</b>
---	--	--

10	Admission	
----	-----------	--

Number of seats sanctioned with the year of approval			
Courses	2018-2019	2019-2020	2020-2021
<b>UG Courses</b>			
Civil Engineering	120	120	60
Computer Science and Engineering	180	180	180
Information Technology	60	60	60
Electronics and Communication Engineering	180	180	180
Electrical and Electronics Engineering	60	60	60
Mechanical Engineering	120	120	60
Computer Science and Engineering(Artificial Intelligence and Machine Learning)	-	-	60
Computer Science and Engineering (Cyber Security)	-	-	60
Computer Science and Engineering (Data Science)	-	-	60
Computer Science and Information Technology	-	-	60
<b>Total</b>	<b>720</b>	<b>720</b>	<b>840</b>
<b>PG Courses</b>			
CAD/CAM	18	18	18
Computer Science and Engineering	18	18	18
Embedded Systems	18	18	18
Structural Engineering	18	18	18
MBA	120	120	120
<b>TOTAL</b>	<b>192</b>	<b>192</b>	<b>192</b>

**Number of Students admitted under various categories each year in the last three years**

**Academic Year 2020-2021**

Department	Level	Year	Gender Wise		Total	Category									
						SC		ST		OBC		Minority		General	
			M	F		M	F	M	F	M	F	M	F	M	F
Civil Engineering	UG	I	54	6	60	9	1	6	0	24	3	0	0	15	2
		II	53	9	62	5	0	5	0	31	4	0	0	12	5
		III	75	17	92	4	1	11	0	37	9	0	0	23	7
		IV	78	15	93	11	0	7	0	44	8	0	0	16	7
Structural Engineering	PG	I	12	6	18	0	1	2	0	5	5	0	0	5	0
		II	8	4	12	0	0	0	0	4	2	0	0	4	2
Computer Science and Engineering	UG	I	115	65	180	11	8	3	1	63	33	0	0	38	23
		II	111	69	180	11	4	8	1	54	37	0	0	38	27
		III	124	56	180	13	5	10	1	54	29	1	0	46	21
		IV	120	58	178	12	7	6	1	64	22	0	0	38	28
Computer Science and Engineering(Artificial Intelligence and Machine Learning)	UG	I	39	21	60	4	1	1	0	22	11	0	0	12	9
Computer Science and Engineering (Cyber Security)	UG	I	38	22	60	1	3	2	0	23	8	0	0	12	11
Computer Science and Engineering (Data Science)	UG	I	44	16	60	1	0	1	0	27	6	0	0	15	10
Computer Science	UG	I	48	12	60	1	0	1	0	31	5	0	0	15	7

and Information Technology															
Computer Science and Engineering	PG	I	1	4	5	0	0	0	0	1	1	0	0	0	3
		II	0	1	1	0	0	0	0	0	0	0	0	0	1
Electronics and Communication Engineering	UG	I	127	53	180	16	2	11	0	79	32	0	0	21	19
		II	103	58	161	10	0	1	0	60	25	0	0	32	33
		III	102	78	180	7	9	5	6	57	37	0	0	33	26
		IV	113	66	179	6	1	5	0	54	33	0	0	48	32
Embedded Systems	PG	I	2	6	8	0	0	1	0	1	4	0	0	0	2
		II	2	6	8	1	0	0	0	0	4	0	0	1	2
Mechanical Engineering	UG	I	49	0	49	3	0	5	0	27	0	0	0	14	0
		II	21	2	23	0	0	0	0	11	1	0	0	10	1
		III	81	2	83	1	0	3	0	32	0	0	0	45	2
		IV	83	5	88	1	0	4	0	55	1	0	0	23	4
Information Technology	UG	I	33	27	60	3	3	1	0	20	11	0	0	9	13
		II	33	27	60	0	0	0	0	21	19	0	0	12	8
		III	39	21	60	1	1	0	0	15	4	0	0	23	16
		IV	25	31	56	0	0	0	0	10	7	0	0	15	24
Electrical and Electronics Engineering	UG	I	28	12	40	2	0	2	3	16	8	0	0	8	1
		II	23	11	34	1	0	1	0	16	7	0	0	5	4
		III	26	8	34	2	0	2	0	11	2	0	0	11	6
		IV	16	11	27	1	0	3	0	8	4	0	0	4	7
CAD/CAM	PG	I	13	3	16	2	0	0	0	9	3	0	0	2	0
		II	3	0	3	0	0	0	0	1	0	0	0	2	0
MBA	PG	I	59	61	120	3	6	2	1	36	29	0	0	18	25
		II	55	40	95	4	1	0	0	25	5	0	0	26	34
Total			1956	909	2865	147	54	109	14	1048	419	1	0	651	422

#### Academic Year 2019-2020

Department	Level	Year	Gender Wise		Total	Category									
						SC		ST		OBC		Minority		General	
			M	F		M	F	M	F	M	F	M	F		
Civil Engineering	UG	I	53	9	62	5	0	5	0	31	4	0	0	12	5
		II	75	17	92	4	1	11	0	37	9	0	0	23	7
		III	78	15	93	11	0	7	0	44	8	0	0	16	7
		IV	44	8	52	5	1	5	0	21	3	0	0	13	4
Structural Engineering	PG	I	8	4	12	0	0	0	0	4	2	0	0	4	2
		II	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Science and Engineering	UG	I	111	69	180	11	4	8	1	54	37	0	0	38	27
		II	124	56	180	13	5	10	1	54	29	1	0	46	21
		III	120	58	178	12	7	6	1	64	22	0	0	38	28
		IV	112	68	180	19	4	1	0	45	29	0	0	47	35
Computer Science and Engineering	PG	I	0	1	1	0	0	0	0	0	0	0	0	0	1
		II	0	4	4	0	2	0	0	0	2	0	0	0	0
Electronics and Communication	UG	I	103	58	161	10	0	1	0	60	25	0	0	32	33
		II	102	78	180	7	9	5	6	57	37	0	0	33	26

Engineering		III	113	66	179	6	1	5	0	54	33	0	0	48	32
		IV	110	70	180	3	2	2	0	51	30	0	0	54	38
Embedded Systems	PG	I	2	6	8	1	0	0	0	0	4	0	0	1	2
		II	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical Engineering	UG	I	21	2	23	0	0	0	0	11	1	0	0	10	1
		II	81	2	83	1	0	3	0	32	0	0	0	45	2
		III	83	5	88	1	0	4	0	55	1	0	0	23	4
		IV	91	3	94	5	0	7	0	42	0	0	0	37	3
Information Technology	UG	I	33	27	60	0	0	0	0	21	19	0	0	12	8
		II	39	21	60	1	1	0	0	15	4	0	0	23	16
		III	25	31	56	0	0	0	0	10	7	0	0	15	24
Electrical and Electronics Engineering	UG	I	23	11	34	1	0	1	0	16	7	0	0	5	4
		II	26	8	34	2	0	2	0	11	2	0	0	11	6
		III	16	11	27	1	0	3	0	8	4	0	0	4	7
CAD/CAM	PG	I	3	0	3	0	0	0	0	1	0	0	0	2	0
		II	4	0	4	0	0	0	0	4	0	0	0	0	0
MBA	PG	I	55	40	95	4	1	0	0	25	5	0	0	26	34
		II	48	41	89	6	2	0	0	28	18	0	0	14	21
Total			1650	780	2430	124	40	81	9	824	338	1	0	620	393

**Academic Year 2018-2019**

Department	Level	Year	Gender Wise		Total	Category									
						SC		ST		OBC		Minority		General	
			M	F		M	F	M	F	M	F	M	F	M	F
Civil Engineering	UG	I	75	17	92	4	1	11	0	37	9	0	0	23	7
		II	78	15	93	11	0	7	0	44	8	0	0	16	7
		III	44	8	52	5	1	5	0	21	3	0	0	13	4
		IV	40	8	48	5	3	1	0	25	0	0	0	9	5
Structural Engineering	PG	I	0	0	0	0	0	0	0	0	0	0	0	0	0
		II	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Science and Engineering	UG	I	124	56	180	13	5	10	1	54	29	1	0	46	21
		II	120	58	178	12	7	6	1	64	22	0	0	38	28
		III	112	68	180	19	4	1	0	45	29	0	0	47	35
		IV	104	75	179	6	4	1	0	55	29	0	0	42	42
Computer Science and Engineering	PG	I	0	4	4	0	2	0	0	0	2	0	0	0	0
		II	1	0	1	0	0	0	0	0	0	0	0	1	0
Electronics and Communication Engineering	UG	I	102	78	180	7	9	5	6	57	37	0	0	33	26
		II	113	66	179	6	1	5	0	54	33	0	0	48	32
		III	110	70	180	3	2	2	0	51	30	0	0	54	38
		IV	105	68	173	5	0	2	1	52	32	0	0	46	35
Embedded Systems	PG	I	0	0	0	0	0	0	0	0	0	0	0	0	0
		II	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical Engineering	UG	I	81	2	83	1	0	3	0	32	0	0	0	45	2
		II	83	5	88	1	0	4	0	55	1	0	0	23	4
		III	91	3	94	5	0	7	0	42	0	0	0	37	3
		IV	93	0	93	9	0	6	0	52	0	0	0	26	0

Information Technology	UG	I	39	21	60	1	1	0	0	15	4	0	0	23	16
		II	25	31	56	0	0	0	0	10	7	0	0	15	24
Electrical and Electronics Engineering	UG	I	26	8	34	2	0	2	0	11	2	0	0	11	6
		II	16	11	27	1	0	3	0	8	4	0	0	4	7
CAD/CAM	PG	I	4	0	4	0	0	0	0	4	0	0	0	0	0
		II	4	1	5	0	0	0	0	4	1	0	0	0	0
MBA	PG	I	48	41	89	6	2	0	0	28	18	0	0	14	21
		II	49	48	97	8	4	2	1	30	28	0	0	9	15
Total			1687	762	2449	130	46	83	10	850	328	1	0	623	378

**Academic Year 2017 - 18**

Department	Level	Year	Gender Wise		Total	Category									
						SC		ST		OBC		Minority		General	
		M	F	M		F	M	F	M	F	M	F			
Civil Engineering	UG	I	78	15	93	11	0	7	0	44	8	0	0	16	7
		II	44	8	52	5	1	5	0	21	3	0	0	13	4
		III	40	8	48	5	3	1	0	25	0	0	0	9	5
		IV	86	3	89	2	0	8	0	44	2	4	0	28	1
Structural Engineering	PG	I	0	0	0	0	0	0	0	0	0	0	0	0	0
		II	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Science and Engineering	UG	I	120	58	178	12	7	6	1	64	22	0	0	38	28
		II	112	68	180	19	4	1	0	45	29	0	0	47	35
		III	104	75	179	6	4	1	0	55	29	0	0	42	42
		IV	105	69	174	3	0	0	0	45	20	5	3	52	46
Computer Science and Engineering	PG	I	1	0	1	0	0	0	0	0	0	0	0	1	0
		II	9	6	15	1	0	0	1	5	1	0	0	3	4
Electronics and Communication Engineering	UG	I	113	66	179	6	1	5	0	54	33	0	0	48	32
		II	110	70	180	3	2	2	0	51	30	0	0	54	38
		III	105	68	173	5	0	2	1	52	32	0	0	46	35
		IV	94	74	168	2	0	1	0	50	30	0	1	41	43
Embedded Systems	PG	I	0	0	0	0	0	0	0	0	0	0	0	0	0
		II	8	6	14	2	1	0	0	4	2	0	0	2	3
Mechanical Engineering	UG	I	83	5	88	1	0	4	0	55	1	0	0	23	4
		II	91	3	94	5	0	7	0	42	0	0	0	37	3
		III	93	0	93	9	0	6	0	52	0	0	0	26	0
		IV	140	12	152	2	0	3	0	78	0	0	11	57	1
Information Technology	UG	I	25	31	56	0	0	0	0	10	7	0	0	15	24
Electrical and Electronics Engineering	UG	I	16	11	27	1	0	3	0	8	4	0	0	4	7
CAD/CAM	PG	I	4	1	5	0	0	0	0	4	1	0	0	0	0
		II	12	1	13	1	0	1	0	5	0	0	0	5	1
MBA	PG	I	49	48	97	8	4	2	1	30	28	0	0	9	15
		II	37	23	60	4	3	2	0	19	13	0	0	12	7
Total			1679	729	2408	113	30	67	4	862	295	9	15	628	385

Number of applications received during last two years for admission under Management Quota and number admitted														
Department	Year	Gender Wise		Total	SC		ST		OBC		Minority		General	
		M	F		M	F	M	F	M	F	M	F	M	F
Embedded Systems	I													
	II													
Computer Science and Engineering	II													
CAD/CAM	I													
	II													
Structural Engineering	I													
	II													
MBA	I													
	II													
Total														

11

**Admission Procedure**

	<ul style="list-style-type: none"> <li>Mention the admission test being followed, name and address of the Test Agency and its URL (website)</li> </ul>	<p>Admission test is the Common Entrance Test (EAMCET) conducted by the Government of Telangana.</p> <p>TS EAMCET: The CONVENER, TS EAMCET - 2020 Admissions, Sanketika Vidya Bhavan, Masab Tank, Hyderabad - 500 028, Telangana. Examinations Building, Ground Floor Jawaharlal Nehru Technological University Hyderabad Kukatpally, Hyderabad - 500 085. URL: <a href="https://eamcet.tsche.ac.in/TSEAMCET/EAMCET_HomePage.aspx">https://eamcet.tsche.ac.in/TSEAMCET/EAMCET_HomePage.aspx</a> : <a href="https://tseamcet.nic.in/">https://tseamcet.nic.in/</a></p>
	<ul style="list-style-type: none"> <li>Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)</li> </ul>	<p>Through TSEAMCET: (70% seats allotted by the Convenor)</p> <p>Management: Through Intermediate: (30% seats allotted by the Management as per TSCHE guidelines NRI/NRI Sponsored category)</p>

1	Last date of request for applications	28-11-2020
2	Last date of submission of applications	08-12-2020 at TSCHE
3	Dates for announcing final results	03-12-2020(I-Phase) & 24-12-2020(II-Phase)
4	Release of admission list (main list and waiting list shall be announced on the same day)	28-11-2020
5	Date for acceptance by the candidate (time given shall in no case be less than 15 days)	3 days
6	Last date for closing of admission	08-12-2020
7	Starting of the Academic session	05-12-2020
8	The waiting list shall be activated only on the expiry of date of main list	Yes
9	The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	Yes

12

**Criteria and  
Weightages for  
Admission**

1. Through Convenor quota - TSEAMCET qualified Rank
2. NRI/NRI sponsored quota-Intermediate First class.

•

**Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc Admission**

Upon recommendations of University Grants Commission (UGC), New Delhi and the State Government, Jawaharlal Nehru Technological University Hyderabad has conferred Autonomous Status to the Institute from Academic year 2016-17, whereby the College will award Degree on behalf of Jawaharlal Nehru Technological University Hyderabad.

Admissions to the Institute are made along with the other engineering colleges in the state through a common entrance test conducted by the Govt. of Telangana.

**The Eligibility Criteria for Admission to B.Tech Courses :**

The minimum qualification for admission to first year of the B.Tech course is a pass in the Intermediate (10 + 2) conducted by the board of Intermediate education, Govt. of Telangana or any other examination recognized as equivalent thereto with Mathematics, Physics and Chemistry as optional subjects.

- 70 % of the seats are allotted based on the merit in the Engineering and Medical Common Entrance Test (EAMCET) conducted by Govt. of Telangana.
- 30 % of the seats are earmarked for Management / NRI candidates.
- In addition to the above, Diploma holders are admitted in second year of B.Tech to the extent of 20% of intake based on the merit in the Engineering Common Entrance Test (ECET), under lateral entry scheme conducted by Govt. of Telangana.

**The Eligibility Criteria for Admission to M.Tech Courses :**

- **M.Tech – Computer Science & Engineering:** B.E / B.Tech in Computer Science and Engineering with valid GATE score / based on the rank obtained in the test conducted by JNTU.
- **M.Tech - Embedded Systems:** B.E / B.Tech in Electronics and Communications Engineering / Electrical and Electronics Engineering / Computer Science and Engineering / Information Technology / Electronics and Instrumentation Engineering with valid GATE score / based on the rank obtained in the Test conducted by JNTU.

- **M.Tech – Computer Aided Design / Computer Aided Manufacturing (CAD/CAM):** B.E / B.Tech in Mechanical Engineering with valid GATE score / based on the rank obtained in the test conducted by JNTU.
- **M.Tech - Structural Engineering:** B.E / B.Tech in Civil Engineering / Construction Engineering with valid GATE score / based on the rank obtained in the test conducted by JNTU.

#### The Eligibility Criteria for Admission to MBA Course:

The minimum qualification for admission to first year of the MBA is a pass in undergraduate course (10 + 2 + 3).

- 70% of the seats are allotted based on the merit in the Integrated Common Entrance Test (ICET) conducted by Govt. of Telangana.
- 30% of the seats are earmarked for Management / NRI candidates

- **Mention the minimum Level of acceptance, if any**

- **Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years**

#### Academic Year 2020-2021

##### UG Courses:

S. No	Branch	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	Civil Engineering	38954	44472	60496	84293	60477	83509	57442	69396	-	-
2	Computer Science and Engineering	9352	18725	31678	85216	37368	74432	18810	82488	-	-
3	Information Technology	19646	25017	52370	59211	65744	76258	46288	81007	-	-
4	Electronics and Communication Engineering	18871	30348	67571	82657	68393	85785	23379	73753	-	-
5	Electrical and Electronics Engineering	22388	22388	32611	32611	59672	85213	58943	67091	-	-
6	Mechanical Engineering	51935	51935	67804	70568	73568	85552	68578	81366	-	-
7	Computer Science and Engineering(Artificial Intelligence and Machine Learning)	20899	22750	84306	84306	25800	78242	29581	77506	-	-
8	Computer Science and Engineering (Cyber Security)	21570	42262	60987	66136	55324	85281	69267	72312	-	-
9	Computer Science and Engineering (Data Science)	19561	36724	59588	59588	79188	79188	62882	74538	-	-
10	Computer Science and Information Technology	20851	47221	79070	79070	70682	70682	35585	66528	-	-

**PG Courses:**

S No	Courses	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	CAD/CAM	-	-	292	1762	318	1614	-	-	1589	-
2	Computer Science and Engineering	147	1044	-	-	-	-	-	-	-	-
3	Embedded Systems	704	777	624	1464	-	-	1010	-	-	-
4	Structural Engineering	111	323	122	931	1192	-	393	540	-	-
5	MBA	672	19001	1423	38906	4623	40329	18143	37549	9350	27159

**Academic Year 2019-2020****UG Courses:**

S. No	Branch	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	Civil Engineering	38280	59953	96378	97277	44840	99584	57820	94342	-	-
2	Computer Science and Engineering	11363	23939	45080	51338	69143	91907	76554	88510	-	-
3	Information Technology	24831	29708	-	-	29051	87191	28747	31225	-	-
4	Electronics and Communication Engineering	18898	33373	37298	97694	27852	95059	27350	86943	-	-
5	Electrical and Electronics Engineering	39254	46464	70072	78264	34553	69267	34553	55339	-	-
6	Mechanical Engineering	45200	63857	-	-	62207	96651	76798	-	-	-

**PG Courses:**

SNo	Name of the Programme	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	CAD/CAM	-	-	1471	--	-	-	1502	-	-	-
2	Embedded Systems	607	1691	540	1707	-	-	1372	-	-	-
3	Computer Science and Engineering	-	-	-	-	-	-	-	-	-	-
4	Structural Engineering	401	405	500	759	542	1641	156	775	-	-
5	MBA	3051	32256	8880	39762	21981	40093	12937	33728	24627	36984

**Academic Year 2018-2019****UG Courses:**

S. No	Branch	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	Civil Engineering	34578	47310	67036	95436	60221	92563	55536	86786	-	-
2	Computer Science and Engineering	16303	23189	44745	84662	48961	90333	43248	90815	-	-
3	Information Technology	12478	29965	55522	-	24512	93413	27301	30707	-	-
4	Electronics and	23167	27404	22168	58551	26405	92423	96193	78401	-	-

	Communication Engineering										
5	Electrical and Electronics Engineering	21199	30266	56949	-	34307	96073	40955	57193	-	-
6	Mechanical Engineering	31714	70500	35172	87442	38770	65172	37973	97019	-	-

#### PG Courses:

SNo	Name of the Programme	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	CAD/CAM	-	-	1837	2137	-	-	-	-	1531	2106
2	Embedded Systems	Not allotted									
3	Computer Science and Engineering	-	-	1506	1810	1882	2533	-	-	-	-
4	Structural Engineering	Not allotted									
5	MBA	6622	44032	12121	47650	14448	49471	28398	46758	30182	41247

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

#### 13 List of Applicants

- List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats

#### 14 Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)
- Score of the individual candidate admitted arranged in order or merit
- List of candidates who have been offered admission
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate
- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

	Infrastructure facilities	Availability	Area Available (Sq m)each
1.	Number of Classrooms and size of each	63	72
2.	Number of Tutorial rooms and size of each	14	267
3.	Number of Laboratories and size of each	71	2796.36
4.	Number of Drawing Halls with capacity of each	3	479
5.	Number of Computer Centres with capacity of each	3	159
6.	Central Examination Facility, Number of rooms and capacity of each	6	166
7.	Barrier Free Built Environment for disabled and elderly persons	✓	
8.	Occupancy Certificate	✓	
9.	Fire and Safety Certificate	✓	
10.	Hostel Facilities	✓	
11.	<b>Library</b>		
12.	Number of Library books/ Titles/ Journals available (program-wise)	34086	
13.	List of online National/ International Journals subscribed	✓	
14.	E- Library facilities	✓	
15.	<b>Laboratory and Workshop</b>		
16.	List of Major Equipment/Facilities in each Laboratory/ Workshop	✓	
17.	List of Experimental Setup in each Laboratory/ Workshop	✓	
18.	<b>Computing Facilities</b>		
19.	Internet Bandwidth	500MBps	
20.	Number and configuration of System	1100	
21.	Total number of systems connected by LAN	1100	
22.	Total number of systems connected by WAN	1100	
23.	Major software packages available	60	
24.	Special purpose facilities available	✓	
25.	<b>Innovation Cell</b>		
26.	Social Media Cell	✓	
27.	Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments	--	
28.	<b>List of facilities available</b>		
29.	Games and Sports Facilities	✓	
30.	Extra-Curricular Activities	✓	
31.	Soft Skill Development Facilities	✓	
32.	<b>Teaching Learning Process</b>		
33.	Curricula and syllabus for each of the Programmes as approved by the University	✓	
34.	Academic Calendar of the University	✓	
35.	Academic Timetable with the name of the Faculty members handling the Course	✓	
36.	Teaching Load of each Faculty	21hr	
37.	Internal Continuous Evaluation System and place	✓	
38.	Student's assessment of Faculty, System in place	✓	
39.	<b>For each Post Graduate Courses give the following:</b>		
40.	Title of the Course	✓	
41.	Curricula and Syllabi	✓	
42.	Laboratory facilities exclusive to the Post Graduate Course	✓	
43.	<b>Special Purpose</b>		
44.	Software, all design tools in case	✓	
45.	Academic Calendar and framework	✓	

**UG Courses:**

Courses	2018-2019		2019-2020		2020-2021	
	Regular	Lateral Entry	Regular	Lateral Entry	Regular	Lateral Entry
Civil Engineering	92	0	63	40	60	-
Computer Science and Engineering	180	0	180	27	180	-
Computer Science and Engineering(Artificial Intelligence and Machine Learning)	NA	NA	NA	NA	60	-
Computer Science and Engineering (Cyber Security)	NA	NA	NA	NA	60	-
Computer Science and Engineering (Data Science)	NA	NA	NA	NA	60	-
Computer Science and Information Technology	NA	NA	NA	NA	60	-
Electronics and Communication Engineering	180	0	161	18	180	-
Electrical and Electronics Engineering	34	0	36	32	40	-
Information Technology	60	0	60	6	60	-
Mechanical Engineering	83	0	24	48	49	-
<b>TOTAL</b>	<b>357</b>	<b>0</b>	<b>281</b>	<b>104</b>	<b>809</b>	<b>-</b>

**PG Courses:**

Courses	2018-2019	2019-2020	2020-2021
CAD/CAM	04	03	16
Computer Science and Engineering	04	01	05
Embedded Systems	00	08	08
Structural Engineering	00	12	18
MBA	89	95	120
<b>TOTAL</b>	<b>97</b>	<b>119</b>	<b>167</b>

**17 List of Research Projects/ Consultancy Works**

- **Number of Projects carried out, funding agency, Grant received**

S. No.	Principal Investigator	Title	Funding Agency	Fund Sanctioned Rs. In Lakhs	Sanction Date
1	Dr.V.Varalakshmi	Affects of climate change on groundwater in a typical hard rock terrain	DST	28.17	
2	Dr.V.Varalakshmi	Economic empowerment of rural women of Quthbullapurmandal (Rangareddy District, Telangana Satate) through value addition to	DST	47.23	22-09-2016

		unutilized biomass from fresh water ponds/lakes and waste water management technologies			
3	Dr.V.Varalakshmi	National seminar on Recent advances in water and environmental Technologies	DST	0.75	30-07-2012
4	Dr C Balarengadurai	Efficient Detection of DDoS Application Layer Attacks	DST	26.24	
5	Dr M Nagalakshmi	Real-Time Disaster Management using Adhoc-Sensor Networks	DST	29.54	
6	Dr. N. Srinivas	Design and development of smart home system.	Styrax Instruments India Private Limited, Hyderabad	2.08	
7	Dr. M. Sathish	Development of autonomous BOT for special needs using artificial intelligence	Sri Surya Krishna Packtech Private Limited, Hyderabad	2.4	
8	Dr. K. Thirupathi	Development of assistive devices for disabled and elder persons.	Sai Sri Electricals, Janagoan, Telangana.	2.3	
9	Dr. Shijin kumar P. S. Dr. G. Amarnath	Short Term Training Program	AICTE	2.71	10-Aug-2020
10	Dr.P.Nageswara Rao	Conference grant	CSIR	1.00	
11	Dr.P.Nageswara Rao	Conference Grant	DST	2.00	
12	D. P. Nageswara Rao	Development of high strength and light weight AL Alloy	Avani Rakshita Trust	2.24	
13	Dr. Surya Prakash	Simulation of Matrial flow using CFD in friction stirwelding of Aerospace alloy	Avani Rakshita Trust	2.16	
14	Dr. G. Narsinga Rao	Colossal Multiferroic Nanostructured Materials for Miniaturizing Engineering Devices ECR/2016/001647/PMS	DST	52.86	
15	Mrs. Ch. Hemalatha	Green Synthesis of silver/gold nanoparticles by using Asclepiadaceae medicinal plant to enhancement of physical properties SR/WOS-A/PM-39/2017	DST	18.15	
<b>Total</b>				<b>219.83</b>	

**Publications (if any) out of research in last three years out of master's projects**

S. No	Authors	Title	Year	Source title	Volume	Issue	ISSN	ISBN
1	Khan M.A., Jani S.P., Kumar A.S., Rajesh S.	Machining parameter optimization using Adam & Gene Algorithm while turning lightweight composite using ceramic cutting tools	2021	International Journal of Lightweight Materials and Manufacture	4	2	25888404	
2	Nallagonda S., Mamidi R., Bhowmick A.	Analysis of energy-efficient cooperative spectrum sensing with improved energy detectors and multiple antennas over Nakagami-q/n fading channels	2021	International Journal of Communication Systems	34	5	10745351	
3	Kumar G.K., Rani D.M.	Paragraph summarization based on word frequency using NLP techniques	2021	AIP Conference Proceedings	2317		0094243X	9780735440586
4	Chinnu B., Prasad K.R.S., Suresh Babu K., Narsinga Rao G.	Investigation of magneto-optical properties of ferro fluid nanoparticles by optical transmittance	2021	Annals of the Romanian Society for Cell Biology	25	1	20673019	
5	Kumar P., Vinod A., Dharavath K., Bhowmick B.	Analysis and Simulation of Schottky Tunneling Using Schottky Barrier FET with 2-D Analytical Modeling	2021	Silicon			1876990X	
6	Jangili S., Mallikarjuna B., Gopi Krishna G.	Entropy generation to predict irreversibilities in poroelastic film with multiple forces: spectral study	2021	Indian Journal of Physics			9731458	
7	Nallagonda S., Godugu K.K., Ranjeeth M.	Energy-efficiency analysis of cognitive radio network with improved energy detectors and SC diversity over nakagami-q fading environment	2020	Proceedings - 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security, iSSSC 2020				9781728188805
8	Mannepalli K., Rao D.V.D., Mamidiseti G., Prasad B.R., Saikumar K.	A real and accurate energy efficient localization model in WSN using machine learning technique	2020	Journal of Green Engineering	10	12	19044720	
9	Godugu K.K., Nallagonda S.	Implementation of Soft-Data Combining Schemes for Cooperative Cognitive Radio Network over Rayleigh Fading Channel	2020	2020 IEEE International Conference for Innovation in Technology, INOCON 2020				9781728197449
10	Singamsetty G., Nallagonda S.	Throughput Performance Analysis of Cooperative Spectrum Sensing Network with	2020	Proceedings of the 4th International				9781728163871

		Improved Energy Detectors in Hoyt Fading Environment		Conference on Electronics, Communication and Aerospace Technology, ICECA 2020				
11	Savarapu P.R.A.J., Sudhakar M., Tondepu Y., Bindu T.H., Basha C.Z.	Enhanced Computerized Classification System of Diseased Leaves	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020				9781728163871
12	Jabber B., Rajesh K., Haritha D., Basha C.Z., Parveen S.N.	An Intelligent System for Classification of Brain Tumours with GLCM and Back Propagation Neural Network	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020				9781728163871
13	Jabber B., Shankar M., Rao P.V., Krishna A., Basha C.Z.	SVM Model based Computerized Bone Cancer Detection	2020	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020				9781728163871
14	Varalakshmi V., Sarvanan M., Sunil Kumar K.	Reasons for increasing corona cases during lockdown-case study of india	2020	Disaster Advances	13	11	0974262X	
15	Chandra Rao Bitra H., Rao A.V., Babu K.S., Rao G.N.	Synthesis and enhanced dielectric properties of copper oxidenanoparticles	2020	Materials Chemistry and Physics	254		2540584	
16	Chandralekha V., Navya L., Sanapala K., Syamala N.	Performance Analysis of GDI based Arithmetic Circuits	2020	2020 IEEE 5th International Conference on Computing Communication and Automation, ICCCA 2020				9781728163246
17	Sreya R.K.,	Analysis of Cooperative	2020	2020 IEEE				9781728

	Nallagonda S.	Cognitive Radio Network with Improved Energy Detector and Multiple Transceivers over Nakagami-n Fading Channel		5th International Conference on Computing Communication and Automation, ICCCA 2020				163246
18	Chandralekha V., Navya L., Syamala N., Sanapala K.	Design of 8 bit and 16 bit Reversible ALU for Low Power Applications	2020	2020 IEEE 5th International Conference on Computing Communication and Automation, ICCCA 2020				9781728163246
19	Swamy B.K., Shiprath K., Venkata Ratnam K., Manjunatha H., Janardan S., Ratnamala A., Chandra Babu Naidu K., Ramesh S., Babu K.S.	Electrochemical detection of dopamine and tyrosine using metal oxide (MO, M=Cu and Ni) modified graphite electrode: A comparative study	2020	Biointerface Research in Applied Chemistry	10	5	20695837	
20	Mamatha B., Ashok K., Neeraja Rani G., James A.R.	Enhanced electrical properties of Sr(Bi <sub>3.9</sub> La <sub>0.1</sub> )(Ti <sub>3.975</sub> Zr <sub>0.025</sub> )O <sub>15</sub> ceramic with the doping of ND	2020	AIP Conference Proceedings	2269		0094243X	9780735420328
21	Ramanuja M., Krishna G.G., Sree H.K., Radhika V.N.	Free convection in a vertical slit micro-channel with super-hydrophobic slip and temperature jump conditions	2020	International Journal of Heat and Technology	38	3	3928764	
22	Jain S., Chinnaiiah B., Rajakumar M.P., Fantin Irudaya Raj E., Jotiram G.A.	Improved iot-based control system combined with an advanced control management server-based system	2020	Journal of Green Engineering	10	10	19044720	
23	Vajja V., Gopi R., Jogi S.	Assessment of the productivity of Gajulamalkapuram village aquifer using pumping test	2020	European Journal of Molecular and Clinical Medicine	7	10	25158260	
24	Chinnu B., Hemalatha C., Prasad K.R.S., Babu K.S., Rao G.N.	Magnetic field induced band gap and magnetic properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticles	2020	Journal of Green Engineering	10	9	19044720	
25	Swamy B.K., Bura R., Krupanidhi Z.T.A., Laxmi	Size and surface defects induced dielectric properties of NiO nanocrystallites	2020	Journal of Green Engineering	10	9	19044720	

	G.B., Ratnam K.V.							
26	Shanker J., Kumar R.V., Rao G.N., Babu D.S.	Magnetic reversal in Fe substituted NdCrO <sub>3</sub> perovskite nanoparticles	2020	Materials Chemistry and Physics	251		2540584	
27	Jain S., Ravi Prasad B., Ashok kumar C., Sangale M.D., Fantin Irudaya Raj E.	A pilot survey of machine learning techniques in smart grid operations of power systems	2020	European Journal of Molecular and Clinical Medicine	7	7	25158260	
28	Parvez Ahmad M.D., Venkateswara Rao A., Suresh Babu K., Narsinga Rao G.	Effect of carbon-doping on structural and dielectric properties of zinc oxide	2020	Journal of Advanced Dielectrics	10	4	2010135X	
29	Arumugam S., Saravanan C., Thiagarajan R., Narsinga Rao G.	Effect of hydrostatic pressure on electrical resistivity of La <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>1-x</sub> MoxO <sub>3</sub> (x = 0.03 and 0.05) manganites: Experimental and theoretical approaches	2020	Journal of Magnetism and Magnetic Materials	507		3048853	
30	Swamy B.K., Shiprath K., Rakesh G., Venkata Ratnam K., Manjunatha H., Janardan S., Chandra Babu Naidu K., Ramesh S., Babu K.S., Ratnamala A.	Simultaneous detection of dopamine, tyrosine and ascorbic acid using NiO/graphene modified graphite electrode	2020	Biointerface Research in Applied Chemistry	10	3	20695837	
31	Vajja V., Bekkam V.R.	Ground water potential zones using vertical electrical sounding (VES) data in Osman Sagar and Himayath Sagar reservoirs catchment area	2020	Clay Research	39	1	2557193	
32	Singh S.P., Naidu M.E.	DNA QR coding for data security using DNA sequence	2020	International Journal of Information Technology (Singapore)	12	2	25112104	
33	Dharavath K., Vinod A.	A Two Dimensional Analytical Model of Heterostructure Double Gate with Pocket Doped Tunnel FET	2020	Silicon	12	6	1876990X	
34	Jyothi G.N., Sanapala K., Vijayalakshmi A.	ASIC implementation of distributed arithmetic based FIR filter using RNS for high speed DSP systems	2020	International Journal of Speech Technology	23	2	13812416	
35	Prasad P.H., Uma Maheswari T.S., Shirisha J.	Reliability Analysis of Symmetrical Columns with Eccentric Loading from Lindley Distribution	2020	Communications in Mathematics and Statistics	8	2	21946701	
36	Anuradha M.,	Effect of Welding Parameters	2020	Transactions	73	6	9722815	

	Das V.C., Susila P., Cheepu M., Venkateswarlu D.	on TIG Welding of Inconel 718 to AISI 4140 Steel		of the Indian Institute of Metals				
37	Anuradha M., Das V.C., Susila P., Cheepu M., Venkateswarlu D.	Microstructure and Mechanical Properties for the Dissimilar Joining of Inconel 718 Alloy to High-Strength Steel by TIG Welding	2020	Transactions of the Indian Institute of Metals	73	6	9722815	
38	Harihanandh M., Krishnaraja A.R., Viswanathan K.E.	Corrosion study on epoxy phenolic interpenetrating polymer network system laminated reinforcement	2020	International Journal of Advanced Science and Technology	29	7	20054238	
39	Godugu K.K., Nallagonda A.K., Nallagonda S.	Performance of energy-efficient cooperative cognitive radio system over erroneous Nakagami-m and Weibull fading channels	2020	Wireless Networks	26	4	10220038	
40	Ranjeeth M., Anuradha S., Nallagonda S.	Optimized cooperative spectrum sensing network analysis in nonfading and fading environments	2020	International Journal of Communication Systems	33	5	10745351	
41	Ramesh N., Ranganayakulu S.V., Narsinga Rao G.	Effect of annealing temperature on optical & dielectric properties of zn doped hematite nanoparticles	2020	International Journal of Advanced Science and Technology	29	3 Special Issue	20054238	
42	Balarengadurai C., Ravi Prasad B.	Confined home automation system using smartphone based on hybrid module	2020	International Journal of Scientific and Technology Research	9	3	22778616	
43	Ahmad M.P., Rao A.V., Babu K.S., Rao G.N.	Effect of hydrogen annealing on structure and dielectric properties of zinc oxide nanoparticles	2020	Materials Chemistry and Physics	243		2540584	
44	Hemalatha C., Babu K.S., Narsinga Rao G.	Mn doped cuo nanoparticles synthesized by spray pyrolysis: Structural, optical and magnetic characterization	2020	Journal of Magnetism	25	3	12261750	
45	Kaleeswaran C., Saravanakumar R., Vivek D., Elango K.S., Gopi R., Balaji D.	A study on cold formed steel compression member - A review	2020	Materials Today: Proceedings	37	Part 2	22147853	
46	Elango K.S., Remya P.R., Vivek D., Gopi R., Rajeshkumar V., Saravanakumar R.	Strength and durability studies on ficus exasperata leaf ash concrete	2020	Materials Today: Proceedings	37	Part 2	22147853	
47	Shabbir Ali	SCSGFRA: Sine and Cosine	2020	Lecture	107		23673370	

	S., Suresh Kumar K.V., Bachu S.	Signal Generation for Fixed Rotation Angle		Notes in Networks and Systems				
48	Gopi R., Harihanandh M., Saravanan M., Elango K.S.	Influence of presaturated sugarcane bagasse ash pellets in concrete	2020	Journal of Critical Reviews	7	7	23945125	
49	Raghavulu K.V., Uppalapati S., Kumar A.N., Jani S.P., Rajalingam A., Rasu N.G.	Effect on performance and emission of canola oil and snake gourd oil biodiesel blended in fossil Diesel-Biodiesel blend	2020	Materials Today: Proceedings	37	Part 2	22147853	
50	Sravanthi K., Mahesh V., Rao B.N.	Influence of micro and nano carbon fillers on impact behavior of GFRP composite materials	2020	Materials Today: Proceedings	37	Part 2	22147853	
51	Manoj Kumar Uppuluri V., Sreenadh S., Gopi Krishna G.	Analysis of fluid flow and entropy generation of a mhd nanofluid through a vertical channel with deformable porous medium	2020	Nanoscience and Technology	11	3	25724258	
52	Sunil Babu G., Sreenadh S., Gopi Krishna G., Mishra S.	The Couette flow of a conducting Jeffrey fluid when the walls are lined with deformable porous material	2020	Heat Transfer - Asian Research			10992871	
53	Ramalla I., Sharma R.M., Ahmed M.A.	Real-time coordination with electromagnetic relay and advanced numerical relays in laboratory environment/setup	2020	Advances in Intelligent Systems and Computing	989		21945357	9789811386176
54	Jani S.P., Sajith S., Rajaganapathy C., Khan M.A.	Mechanical and thermal insulation properties of surface-modified Agave Americana/carbon fibre hybrid reinforced epoxy composites	2020	Materials Today: Proceedings	37	Part 2	22147853	
55	Priya P.V., Surya Prakash Rao G.	Compute the MRR as well as surface roughness worths with different parameters by turning process utilizing taguchi experiment	2019	International Journal of Advanced Science and Technology	28	16	20054238	
56	Dixit Kumar K., Jani S.P.	Optimization of machining parameters for face milling operating in an upright CNC milling maker using Taguchi technique	2019	International Journal of Advanced Science and Technology	28	16	20054238	
57	Vajja V., Kadiri S.K.	Trend analysis of air pollutants in the medchal-malkajgiri-district, telangana state	2019	International Journal of Scientific and Technology Research	8	11	22778616	
58	Balam S.K., Siddaiah P., Nallagonda S.	Throughput analysis of cooperative cognitive radio network over generalized $\alpha$ - $\beta$ and $\alpha$ - $\beta$ fading channels	2019	Wireless Networks	25	8	10220038	
59	Gopi Krishna G., Jangili S.,	Numerical investigation of entropy generation in	2019	Indian Journal of	93	11	9731458	

	Mishra S.R., Sreenadh S.	microporous channel with thermal radiation and buoyancy force		Physics				
60	Nallagonda S., Kumar G.K., Nallagonda A.K.	Comprehensive performance analysis of datafusion aided cooperative cognitive radio network over $\alpha$ - $\beta$ Fading channel	2019	IET Communications	13	16	17518628	
61	Geetha Swarupa P., Prasad K.R.S., Suresh Babu K., Shanmukha Kumar J.V.	Development and validation of stability indicating RP-HPLC method for simultaneous estimation of escitalopram and l-methylfolate in bulk and tablet dosage form	2019	Rasayan Journal of Chemistry	12	4	9741496	
62	Muzib S.	Design and analysis of solid propellant rocket nozzle and its applications to RCS	2019	International Journal of Mechanical and Production Engineering Research and Development	9	5	22496890	
63	Balam S.K., Siddaiah P., Nallagonda S.	Performance analysis of decision/data fusion-aided cooperative cognitive radio network over generalized fading channel	2019	IEEE Transactions on Aerospace and Electronic Systems	55	5	189251	
64	Sujin Jose A., Jani S.P., Sajin J.B., Godwin G., Ananthapuri S.A.	Mechanical behaviour of coir and wood dust particulate reinforced hybrid polymer composites	2019	International Journal of Innovative Technology and Exploring Engineering	8	12	22783075	
65	Prasad V., Shijin Kumar P.S., Bachu S.	Multilevel Pipelined Processing for Aerial Image Restoration	2019	2019 International Conference on Emerging Trends in Science and Engineering, ICESE 2019				9781728118710
66	Vamshi C., Jani S.P.	Research on the effect of imprecise size foam samples on acoustic measurements in impedance tube	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11	22773878	
67	Karanthi Rekha N., Kumar S., Krishna Priya A., Mounika C.H.	Experimental production of biogas using co-digestion of organic waste	2019	International Journal of Recent Technology and Engineering	8	2 Special Issue 11	22773878	
68	Ali S.S., Sharath Babu K., Ramesh S., Pavan	Patterns of revenue expenditure in specified bioenergy generation firms of Andhra Pradesh & Telangana state	2019	International Journal of Innovative Technology	8	11	22783075	

	Reddy N., Hema Divya K.			and Exploring Engineering				
69	Sarveswara Reddy R., Renuka A., Nayamath Basha S., Mazeed S.A., Ayesha O.	Relevance of quantitative easing model to heal the sick Indian economy	2019	International Journal of Recent Technology and Engineering	8	3	22773878	
70	Mazeed S.A., Saritha P., Begum N., Illangi C.B., Manjula G.	Job satisfaction and employee engagement – contemporary tools to eliminate stress among work force in an organization	2019	International Journal of Innovative Technology and Exploring Engineering	8	11	22783075	
71	Kallepelli P.K., Durga Rao K., Uppalapati S.	E Missile and its Performance - An Analysis	2019	International Journal of Mechanical and Production Engineering Research and Development	9	4	22496890	
72	Nagalakshmi M.	Design and research of ADHOC based wireless network system	2019	International Journal of Engineering and Advanced Technology	8	6	22498958	
73	China Venkateswarlu S., Karthik A., Naveen Kumar D.	Performance on speech enhancement objective quality measures using hybrid wavelet thresholding	2019	International Journal of Engineering and Advanced Technology	8	6	22498958	
74	Jyothi R.A., Babu K.R., Bachu S.	Moving object detection using the genetic algorithm for real times transportation	2019	International Journal of Engineering and Advanced Technology	8	6	22498958	
75	Nallagonda S., Chandra A., Dhar Roy S., Kundu S.	The effects of channel knowledge on cooperative spectrum sensing in Nakagami-n/q fading channels	2019	Wireless Networks	25	5	10220038	
76	Mazeed S.A., Sarveswara Reddy R., Sowbhagya Lakshmi C.	Bancassurance – A Panacea for increased sales: Insurance companies perspective	2019	International Journal of Recent Technology and Engineering	8	2	22773878	
77	Arigela V.G., Palukuri N.R., Singh D., Kolli S.K., Rengaswamy J., Chekhonin P., Scharnweber	Evolution of microstructure and mechanical properties in 2014 and 6063 similar and dissimilar aluminium alloy laminates produced by accumulative roll bonding	2019	Journal of Alloys and Compounds	790		9258388	

	J., Skrotzki W.							
78	Jaya Krishna T., Venkatesh S., Murali K.	Influence on strength and durability analysis of concrete incorporating ultra fine slag	2019	International Journal of Engineering and Advanced Technology	8	5	22498958	
79	Chityala R.K.	Nanoplasmonic concurrent dual band antennas using metal-insulator-metal step impedance resonators	2019	Microwave and Optical Technology Letters	61	6	8952477	
80	Mittapalli V., Khan H.	Excitation schemes of plasmonic angular ring resonator-based band-pass filters using a MIM waveguide	2019	Photonics	6	2	23046732	
81	Sathish Kumar V., Elangovan K., Srimathi N.	GIS-based air pollution distribution mapping of emissions from public buses for Coimbatore corporation, Tamil Nadu, India	2019	Indian Journal of Geo-Marine Sciences	48	6	3795136	
82	Ali S.S., Mazeed S.A., Sarveswara Reddy R.	Impact of operating and non-operating expenses on profitability of air india and indigo: A comparative study	2019	International Journal of Innovative Technology and Exploring Engineering	8	8	22783075	
83	Dinesh Babu K.N., Garzava P.K., Ramalla I.	Inrush / Fault Current Detection for Accelerated Fault Clearance to Enhance Transformer Life	2019	2019 Asia Power and Energy Engineering Conference, APEEC 2019				9781728115900
84	Seelam K., Sai P.P.C.	Behavior of ternary blend of portland cement at elevated temperatures	2019	International Journal of Recent Technology and Engineering	8	1	22773878	
85	Aravind Kumar M., Naresh D., Bachu S.	Bag-of-surf and spatial pyramid matching for food recognition and calorie extraction	2019	International Journal of Recent Technology and Engineering	8	1	22773878	
86	Shanker J., Buchi Suresh M., Narsinga Rao G., Suresh Babu D.	Colossal dielectric, relaxor ferroelectric, diamagnetic and weak ferromagnetic properties of NdCrO <sub>3</sub> perovskite nanoparticles	2019	Journal of Materials Science	54	7	222461	
87	Nagalakshmi M.	An ADHOC based wireless network system	2019	International Journal of Innovative Technology and Exploring Engineering	8	6 Special Issue 4	22783075	
88	Saikiran P., Arunagiri P.	A structural analysis of a connecting rod using fea	2019	International Journal of	9	2	22496890	

				Mechanical and Production Engineering Research and Development				
89	Nallagonda S.	Data fusion-aided cognitive radio network over generalised fading channels	2019	Electronics Letters	55	5	135194	
90	Sreekala Sai N., Abdul Bisth K.	Automatic detection and prevention of distributed denial of service using dynamic path identifiers	2019	International Journal of Recent Technology and Engineering	7	6	22773878	
91	Ravali N., Pushpalatha N.	Dynamic administration of setting and substance catchphrases for individual web revisitation	2019	International Journal of Recent Technology and Engineering	7	6	22773878	
92	Srikanth J., Apparao Y.	A novel mechanism for user centric similarity search	2019	International Journal of Recent Technology and Engineering	7	6	22773878	
93	Raju D., Sudeer P.	A common access control service for multi tenant cloud environment	2019	International Journal of Recent Technology and Engineering	7	6	22773878	
94	Sudhan M.B., Abhilash K.S., Shijin Kumar P.S.	An Optimized Multiplexing System for Remote Sensing Optical Signals	2019	2019 International Conference on Recent Advances in Energy-Efficient Computing and Communication, ICRAECC 2019				9781538694824
95	Ramesh N., Ranganayakulu S.V.	Size dependent optical and magnetic properties of Zn doped iron oxide nanoparticles	2019	Journal of Ovonic Research	15	2	18422403	
96	Parvez Ahmad M.D., Venkateswara Rao A., Suresh Babu K., Narsinga Rao G.	Particle size effect on the dielectric properties of ZnO nanoparticles	2019	Materials Chemistry and Physics	224		2540584	
97	Kumar G.S.S., Neelakantappa M., Reddy K.V.R.	Advanced mechanisms for detection of malware family attacks in computer networks	2019	International Journal of Recent Technology and	7	5	22773878	

				Engineering				
98	Srinivasan N., Kumaran S.S., Venkateswarlu D.	Effects of plastic strains on passivation behavior of different austenitic stainless steel grades	2019	Materials Research Express	6	2	20531591	
99	Sathish Kumar P., Bachu S.	IoT based home area network smart meter system design using ARM 7	2019	International Journal of Advanced Trends in Computer Science and Engineering	8	1 Special Issue 3	22783091	
100	Nageswara Rao P., Venkateswarlu D.	Preface	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
101	Mahesh Reddy V., Adum Babu I.	Crop selection in agriculture lands using internet of things with ARM	2019	International Journal of Advanced Trends in Computer Science and Engineering	8	1	22783091	
102	Pathan M.K., Durga Rao K., Uppalapati S.	The design of flying machine	2019	International Journal of Mechanical and Production Engineering Research and Development	9	3	22496890	
103	Manjunath, Rao S.P., Arunagiri P.	Investigations on significance of CNTs orientation on CNT based silk nanocomposites through FEA method	2019	International Journal of Mechanical and Production Engineering Research and Development	9	3	22496890	
104	Prasad B.R., Reddy K.A.	Improving performance of mapreduce in hadoop by using cluster environment and key-value pair localization	2019	Advances in Intelligent Systems and Computing	815		21945357	9789811 315794
105	Chinnaiah B.	Multistage interconnection networks in reliability shuffle exchange networks	2019	Advances in Intelligent Systems and Computing	815		21945357	9789811 315794
106	Gopi R., Revathi V.	Influence of presaturated light expanded clay and fly ash aggregate in self compacting concrete	2019	Revista Romana de Materiale/ Romanian Journal of Materials	49	3	15833186	
107	Singh M., Sheikh M.Y., Singh D., Nageswararao P.	Combustion characteristics of single cylinder diesel engine fueled with blends of thumba biodiesel as an alternative fuel	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
108	Srinivasan N., Kumaran S.S., Venkateswarlu D.	Anodic polarization behavior of cold-worked austenitic stainless steel: A newer approach	2019	Materials Science Forum	969 MSF		2555476	9783035 714326

	u D.							
109	Harihanandh M., Amudhavalli N.K.	Micro structural study on nano fly ash concrete	2019	Ecology, Environment and Conservation	25	2	0971765X	
110	Bachu S., Teja N.R.	Fuzzy holoentropy-based adaptive inter-prediction mode selection for H.264 video coding	2019	International Journal of Mobile Computing and Multimedia Communications	10	2	19379412	
111	Srinivasan N., Kumaran S.S., Venkateswarlu D.	Effects of in-grain misorientation developments in sensitization of 304 L austenitic stainless steels	2019	Materials Research Express	6	1	20531591	
112	Senthil Kumaran S., Srinivasan N., Ramesh Kumar S., Sekarapandian N., Venkateswarlu D.	Metal joining technique of sa 213 tube and sa 387 tube plate grade materials using backing block by clearance fit condition	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
113	Cheepu M., Venkateswarlu D., Nageswara Rao P., Senthil Kumaran S., Srinivasan N.	Optimization of process parameters using surface response methodology for laser welding of titanium alloy	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
114	Senthil Kumaran S., Sreearravind M., Srinivasan N., Venkateswarlu D.	Experimental analysis of sa213 tube to sa387 tube plate welding by using close fit technique in absence of supporting plate	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
115	Venukumar S., Cheepu M., Vijayababu T., Venkateswarlu D.	Cold metal transfer (Cmt) welding of dissimilar materials: An overview	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
116	Cheepu M., Venkateswarlu D., Nageswara Rao P., Senthil Kumaran S., Srinivasan N.	Effect of process parameters and heat input on weld bead geometry of laser welded titanium ti-6al-4v alloy	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
117	Cheepu M., Venkateswarlu D., Nageswara Rao P.,	The influence of gas tungsten arc welding parameters on mechanical and microstructure properties of the tc4 titanium alloy	2019	Materials Science Forum	969 MSF		2555476	9783035 714326

	Senthil Kumaran S., Srinivasan N.							
118	Venkateswarlu D., Cheepu M., Rao P.N., Kumaran S.S., Srinivasan N.	Characterization of microstructure and mechanical properties of aa2219-o and t6 friction stir welds	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
119	Ramesh Kumar S., Senthil Kumaran S., Ramesh G., Sree Arravind M., Venkateswarlu D.	X-ray diffraction and microstructure analysis of en47 spring steel at various soaking period of time	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
120	Venukumar S., Cheepu M., Vijaya Babu T., Venkateswarlu D.	Tig arc welding-brazing of dissimilar metals-an overview	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
121	Sree Arravind M., Ramesh Kumar S., Senthil Kumaran S., Venkateswara lu D.	Effect of mechanical properties and corrosion behaviour of martensitic stainless steel 410 1.6mm butt welded by plasma arc welding	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
122	Uppuluri V.M.K., Sreenadh S., Gopi Krishna G., Srinivas A.N.S.	Couette flow of a Jeffrey fluid in an inclined composite duct	2019	Materials Today: Proceedings	19		22147853	
123	Anuradha M., Das V.C., Venkateswarlu D., Cheepu M.	Microstructure characterization in dissimilar tig welds of inconel alloy 718 and high strength tensile steel	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
124	Ramesh Kumar S., Senthil Kumaran S., Ramesh G., Sreearravind M., Venkateswarlu D.	Effect of soaking time on evolution of microstructure and hardness during annealing of en-47 spring steel	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
125	Cheepu M., Venkateswarlu D., Nageswara Rao P., Muthupandi V., Sivaprasad K., Che W.S.	Microstructure characterization of superalloy 718 during dissimilar rotary friction welding	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
126	Anuradha M., Das V.C.,	Parameter optimization for laser welding of high strength	2019	Materials Science	969 MSF		2555476	9783035 714326

	Venkateswarlu D., Cheepu M.	dissimilar materials		Forum				
127	Desalegn D., Janaki Ramulu P., Hailu D., Senthil Kumaran S., Velmurugan P., Venkateswarlu D.	Formability analyses on single point incremental sheet forming process on aluminum 1050	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
128	Ganeshan P., Kumaran S.S., Raja K., Venkateswarlu D.	An investigation of mechanical properties of madar fiber reinforced polyester composites for various fiber length and fiber content	2019	Materials Research Express	6	1	20531591	
129	Singh R., Rajan G., Kranthi Kumar B., Verma R., Singh D., Nageswara Rao P., Jayaganthan R., Kumar A.	Numerical analysis of constrained groove pressing and mechanical behaviour of processed 316l stainless steel	2019	Materials Science Forum	969 MSF		2555476	9783035 714326
130	Haribabu S., Cheepu M., Tammineni L., Gurasala N.K., Devuri V., Kantumuchu V.C.	Dissimilar Friction Welding of AISI 304 Austenitic Stainless Steel and AISI D3 Tool Steel: Mechanical Properties and Microstructural Characterization	2019	Lecture Notes in Mechanical Engineering			21954356	
131	Jani S.P., Kumar A.S., Khan M.A., Sajith S., Saravanan A.	Influence of Natural Filler on Mechanical Properties of Hemp/Kevlar Hybrid Green Composite and Analysis of Change in Material Behavior Using Acoustic Emission	2019	Journal of Natural Fibers			15440478	
132	Reddy G.S., Sandhya P.	IoT based advanced health care system using wireless sensor networks	2018	Indian Journal of Public Health Research and Development	9	12	9760245	
133	Rakesh P., Srinivas B.N.	Intelligent home automation system using GPRS a smart switch to connect and disconnect electrical devices at home by using internet	2018	Indian Journal of Public Health Research and Development	9	12	9760245	
134	Rahul T., Murali K.	Utilization and experimental investigation on waste foundry sand and metakaolin in concrete mix	2018	International Journal of Civil Engineering and Technology	9	12	9766308	
135	Nallagonda S., Kumar G.K.,	Throughput and Energy Efficiency of Cooperative Cognitive Radio Network over	2018	INDICON 2018 - 15th IEEE India				9781538 682357

	Nallagonda A.K.	Erroneous Generalized Fading Channel		Council International Conference				
136	Shijin Kumar P.S., Sudhan M.B.	A hybrid framework for brain tumor detection and classification using neural network	2018	ARNP Journal of Engineering and Applied Sciences	13	24	18196608	
137	Jaseem I., Immanuel R.J., Rao P.N., Khan F., Sahoo B.N., Panigrahi S.K., Kamaraj M.	Synergetic Effect of Cryorolling and Postroll Aging on Simultaneous Increase in Wear Resistance and Mechanical Properties of an Al-Cu Alloy	2018	Journal of Tribology	140	6	7424787	
138	Shanker J., Narsinga Rao G., Venkataraman a K., Suresh Babu D.	Investigation of structural and electrical properties of NdFeO <sub>3</sub> perovskite nanocrystalline	2018	Physics Letters, Section A: General, Atomic and Solid State Physics	382	40	3759601	
139	Das R., Debnath S., Rao G.N., Narasimhan S., Chou F.C.	Ferrimagnetic cluster formation due to oxygen vacancies in CaFe <sub>2</sub> O <sub>4</sub> -I'	2018	Physical Review B	98	14	24699950	
140	Chinnaiah B.	CEP Support for Detection of Application Layer Attacks	2018	International Conference on &quot;Computational Intelligence and Communication Technology &quot;, CICT 2018				9781538608869
141	Kumar G.K., Gajula M., Nallagonda S.	Cooperative Spectrum Sensing in Log-normal Shadowing Environment with Erroneous Sensing and Reporting Channels	2018	Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018				9781538637852
142	Suribabu M., Das S., Naik V.V.K.	Faults detection and identification of power transformer using wavelet-packet-transform	2018	IEEE International Conference on Power, Control, Signals and				9781538608135

				Instrumentation Engineering, ICPCSI 2017				
143	Ramya G., SVSMRK Chekravarty D.	Mechanical properties of high strength geopolymers concrete by partial replacement of fine aggregate with quartz sand	2018	International Journal of Civil Engineering and Technology	9	5	9766308	
144	Meka K.K., Uppalapati S.	Modelling and computational fluid dynamic analysis of a pulse jet engine	2018	International Journal of Mechanical Engineering and Technology	9	5	9766340	
145	Bhargavi P., Murali K.	An experimental study on partial replacement of cement with bagasse ASH in concrete mix	2018	International Journal of Civil Engineering and Technology	9	5	9766308	
146	Sampurna B., Chekravarty D.S.V.S.M.R. K.	Experimental investigation on M50 grade self compacting concrete using glass fibre	2018	International Journal of Civil Engineering and Technology	9	5	9766308	
147	Shankar B., Abhiram Reddy T.	Seismic & wind evaluation of G+10 residential building	2018	International Journal of Civil Engineering and Technology	9	5	9766308	
148	Mahendra B., Reddy T.A., Kumar P.R., Harish T.	Partial replacement of cement and fine aggregate with metakaolin and manufactured sand	2018	International Journal of Civil Engineering and Technology	9	5	9766308	
149	Thirupathaiah K.	Nanophotonic MIM bend structure waveguides	2018	Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCAC 2017	2018-January			9781538619018
150	Sontu U.B., G N.R., Chou F.C., M V.R.R.	Temperature dependent and applied field strength dependent magnetic study of cobalt nickel ferrite nano particles: Synthesized by an environmentally benign method	2018	Journal of Magnetism and Magnetic Materials	452		3048853	
151	Singh M., Sheikh M.Y.,	Combustion Characteristics of CI Diesel Engine Fuelled with	2018	IOP Conference	330	1	17578981	

	Singh D., Nageswara Rao P.	Blends of Jatropha Oil Biodiesel		Series: Materials Science and Engineering				
152	Bhargavi G., Nageswara Rao P., Renganathan S.	Review on the Extraction Methods of Crude oil from all Generation Biofuels in last few Decades	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
153	Bhargavi G., Nageswara Rao P., Renganathan S.	Production of Biodiesel from Thespesiapopulnea seed oil through rapid in situ transesterification - An optimization study and assay of fuel properties	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
154	Veera Raghavalu K., Govindha Rasu N.	Review on Applications of NanoFluids used in Vapour Compression Refrigeration System for Cop Enhancement	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
155	Gunturu B., Palukuri N.R., Sahadevan R.	Decolorisation of Basic Textile Dye from Aqueous Solutions using a Biosorbent derived from Thespesia populnea used Biomass	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
156	Bhargavi G., Venu V., Renganathan S.	Microbial fuel cells: Recent developments in design and materials	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
157	Sharath Babu K., Venkata Brammam J., Baby Rani C.H.	Computational process to study the wave propagation in a non- linear medium by quasi- linearization	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
158	Vijay Kumar S., Cheepu M., Venkateswarl u D., Asohan P., Senthil Kumar V.	Modelling of End Milling of AA6061-TiCp Metal Matrix Composite	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
159	Venkateswarl u D., Cheepu M., Kranthi Kumar B., Mahapatra M.M.	Analysing the Friction Stir Welded Joints of AA2219 Al- Cu Alloy in Different Heat- Treated-State	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
160	Ravi Kumar K., Nikhil Varma P., Jagadeesh N., Sandeep J.V., Cheepu M., Venkateswarl u D., Srinivas	Evaluation of Solar Air Heater Performance with Artificial Rib Roughness over the Absorber Plate using Finite Element Modelling Analysis	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	

	B.							
161	Vijay Kumar S., Cheepu M., Venkateswarlu D., Asohan P., Senthil Kumar V.	Modelling of End Milling of AA6061-TiCp Metal Matrix Composite	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
162	Karna S., Cheepu M., Venkateswarlu D., Srikanth V.	Recent Developments and Research Progress on Friction Stir Welding of Titanium Alloys: An Overview	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
163	Krishnaja D., Cheepu M., Venkateswarlu D.	A Review of Research Progress on Dissimilar Laser Weld-Brazing of Automotive Applications	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
164	Ravi Kumar K., Cheepu M., Srinivas B., Venkateswarlu D., Pramod Kumar G., Shiva A.	Analyses and Comparison of Solar Air Heater with Various Rib Roughness using Computational Fluid Dynamics (CFD)	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
165	Avula D., Devuri V., Cheepu M., Dwivedi D.K.	Tensile Properties of Friction Stir Welded Joints of AA 2024-T6 Alloy at Different Welding Speeds	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
166	Cheepu M., Srinivas B., Abhishek N., Ramachandrai ah T., Karna S., Venkateswarlu D., Alapati S., Che W.S.	Dissimilar Joining of Stainless Steel and 5083 Aluminum Alloy Sheets by Gas Tungsten Arc Welding-Brazing Process	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
167	Prathipati R.P., Devuri V., Cheepu M., Gudimetla K., Kiran R.U.	Machining of AISI D2 Tool Steel with Multiple Hole Electrodes by EDM Process	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
168	Shiva A., Cheepu M., Kantumuchu V.C., Ravi Kumar K., Venkateswarlu D., Srinivas B., Jerome S.	Microstructure Characterization of Al-TiC Surface Composite Fabricated by Friction Stir Processing	2018	IOP Conference Series: Materials Science and Engineering	330	1	17578981	
169	Madhulatha, Suryaprakash, Ratnakar P.	Modelling and F. E. analysis of AL-AA8090 nano composites by R. V. E method	2018	International Journal of Mechanical and	9	2	22496890	

				Production Engineering Research and Development				
170	Agha M.A., Sai P.P., Vinay R., Anil Goud A.	Development of early compressive strength in high performance concrete using perlite and alccofine	2018	International Journal of Civil Engineering and Technology	9	4	9766308	
171	Feyissa F., Ravi Kumar D., Rao P.N.	Characterization of Microstructure, Mechanical Properties and Formability of Cryorolled AA5083 Alloy Sheets	2018	Journal of Materials Engineering and Performance	27	4	10599495	
172	Hussain M., Nageswara Rao P., Singh D., Jayaganthan R.	Precipitation hardening behaviour of Al-Mg-Si alloy processed by cryorolling and room temperature rolling	2018	Materials Research Express	5	4	20531591	
173	Nallagonda S., Roy S.D., Kundu S., Ferrari G., Raheli R.	Censoring-Based Cooperative Spectrum Sensing with Improved Energy Detectors and Multiple Antennas in Fading Channels	2018	IEEE Transactions on Aerospace and Electronic Systems	54	2	189251	
174	Srinu T.N., Murali K.	Mechanical properties of steel fiber reinforced geopolymer concrete incorporated with fly-ash & GGBS	2018	International Journal of Civil Engineering and Technology	9	3	9766308	
175	Mounika M., Murali K.	Development of low calcium fly-ash based geopolymer concrete using marble powder	2018	International Journal of Civil Engineering and Technology	9	3	9766308	
176	Vishwanath M., Khan H., Thirupathiah K.	Concurrent dual band filters using plasmonic MIM waveguide ring resonator	2018	ARNP Journal of Engineering and Applied Sciences	13	5	18196608	
177	Ranjeeth M., Anuradha S., Nallagonda S.	Correction to: Performance Analysis of Cooperative Spectrum Sensing Network Using Optimization Technique in Different Fading Channels (Wireless Personal Communications, (2017), 97, 2, (2887-2909), 10.1007/s11277-017-4640-2)	2018	Wireless Personal Communications	99	1	9296212	
178	Panneer Muthuselvam I., Sankar R., Narsinga Rao G., Karna S.K., Chou F.C.	Ferromagnetic nature in low-dimensional $\text{Li}_2\text{Ni}(\text{WO}_4)_2$ antiferromagnetic nanoparticles	2018	Journal of Magnetism and Magnetic Materials	449		3048853	
179	Cherukuri G.,	Secure communication for	2018	Proceedings	2018-			9781509

	Sharma S., Nallagonda S., Kundu S.	wireless energy harvesting decode and forward relay in presence of an eavesdropper		of the 2017 International Conference on Wireless Communicati ons, Signal Processing and Networking, WiSPNET 2017	January			044412
180	Kumar Y.R., Shilpa P., Nallagonda S.	Impact of time-bandwidth product on cooperative spectrum sensing over AWGN and fading channels	2018	IEEE International Conference on Information, Communicati on, Instrumentati on and Control, ICICIC 2017	2018- January			9781509 063130
181	Devireddy K., Devuri V., Cheepu M., Kranthi Kumar B.	Analysis of the influence of friction stir processing on gas tungsten arc welding of 2024 aluminum alloy weld zone	2018	International Journal of Mechanical and Production Engineering Research and Development	8	1	22496890	
182	Nagalakshmi M., Surya Prabha I., Anil K.	Bigdata implementation of apriori algorithm for handling voluminous data-sets	2018	International Journal of Engineering and Technology( UAE)	7	1.5	2227524X	
183	Venkata Sateesh Yadav K., Vishwanth M.	IoT based health care monitoring system	2018	Journal of Advanced Research in Dynamical and Control Systems	10	8	1943023X	
184	Amudhavalli N.K., Harihanandh M.	Study on strength and durability characteristics of polypropylene fiber reinforced blended concrete tiles	2018	International Journal of Engineering and Technology( UAE)	7	3	2227524X	
185	Shanker J., Narsinga Rao G., Narasimha Rao K., Suresh Babu D.	Impedance spectroscopy and permittivity investigation of NdCrO3 perovskite ceramic nanoparticles	2018	IOP Conference Series: Materials Science and Engineering	360	1	17578981	
186	Reddy T.A., Murali K., Chekravarty D., Sagar P.A.	Analysis and economical design of transmission line towers of different configurations subjected to wind load	2018	International Journal of Civil Engineering and Technology	9	1	9766308	
187	Jayakrishna	Seismic analysis of regular and	2018	International	9	1	9766308	

	T., Murali K., Satish P., Seetunya J.	irregular multi-storey buildings by using staad-pro		Journal of Civil Engineering and Technology				
188	Sai P.P., Murali K., Kumar G.S., Teja K.V.	Study on properties of natural fibre reinforced concrete made with coconut shells and coir fibre	2018	International Journal of Civil Engineering and Technology	9	1	9766308	
189	Koteswar Rao P., Paparao N., Kande G.B., Koteswarrao B.	Analyze the face tracking system using shape from shading using image processing	2018	Journal of Advanced Research in Dynamical and Control Systems	10	8	1943023X	
190	Cheepu M., Muthupandi V., Venkateswarl u D., Srinivas B., Che W.-S.	Interfacial microstructures and characterization of the titaniumâ€™Stainless steel friction welds using interlayer technique	2018	Springer Proceedings in Physics	207		9308989	9783319 789187
191	Murali K., Meena T., Srikrishna C.T., Sai P.P.	An experimental study on factors influencing the compressive strength of geopolymer mortar	2018	International Journal of Civil Engineering and Technology	9	1	9766308	
192	Basha D.K., Reddy A.P., Raju R., Reddy G.S.	Gated body-biased full adder	2018	Materials Today: Proceedings	5	1	22147853	
193	Ravi Prasad B.	Protection of privacy in big data using SDD framework with DNN	2017	2017 2nd International Conference for Convergence in Technology, I2CT 2017	2017- January			9781509 043071
194	Varalakshmi V., Anvesh E., Sandeep P.	Analysis of raw and ro treated water â€™a case study of medchal district, telangana state, India	2017	International Journal of Civil Engineering and Technology	8	12	9766308	
195	Ranjeeth M., Anuradha S., Nallagonda S.	Performance Analysis of Cooperative Spectrum Sensing Network Using Optimization Technique in Different Fading Channels	2017	Wireless Personal Communicati ons	97	2	9296212	
196	Prakash O., Maheshwara m S., Sharma M., Bulusu A., Manhas S.K.	Performance and Variability Analysis of SiNW 6T-SRAM Cell Using Compact Model with Parasitics	2017	IEEE Transactions on Nanotechnol ogy	16	6	1536125X	
197	Prakash O., Maheshwara m S., Sharma	A unified Verilog-A compact model for lateral Si nanowire (NW) FET incorporating	2017	2016 20th International Symposium				9781509 014224

	M., Bulusu A., Saxena A.K., Manhas S.K.	parasitics for circuit simulation		on VLSI Design and Test, VDAT 2016				
198	Ravinder T., Babu D.V.S.C., Rani D.S., Narsimha P.	A smart connected light bulb	2017	International Journal of Civil Engineering and Technology	8	7	9766308	
199	Chandrababu D.V.S., Ravindra T., Nagaraju P., Narsimha P., Neelima Ch.	16 Bit multiplier implementation using vedic mathematics	2017	International Journal of Mechanical Engineering and Technology	8	7	9766340	
200	Babu Tanneru M.V., Yerra L., Vijaya Krishna Varma K., Chaithanya K.	Analysis of ring stiffened cylindrical shells using functionally graded material	2017	International Journal of Mechanical Engineering and Technology	8	7	9766340	
201	Prakash O., Beniwal S., Maheshwaram S., Bulusu A., Singh N., Manhas S.K.	Compact NBTI reliability modeling in Si nanowire MOSFETs and effect in circuits	2017	IEEE Transactions on Device and Materials Reliability	17	2	15304388	
202	Srinivasa Reddy S., Prakash K.N., Kishore P.V.V.	Micro aneurysms extraction with vessel neighborhood separation, SVM and connected component extraction	2017	ARNP Journal of Engineering and Applied Sciences	12	7	18196608	
203	Sankar R., Rao G.N., Muthuselvam I.P., Chang T.-R., Jeng H.T., Murugan G.S., Lee W.-L., Chou F.C.	Anisotropic superconducting property studies of single crystal PbTaSe <sub>2</sub>	2017	Journal of Physics Condensed Matter	29	9	9538984	
204	Prakash O., Sharma M., Bulusu A., Saxena A.K., Manhas S.K., Maheshwaram S.	Lateral silicon nanowire based standard cell design for higher performance	2017	2016 IEEE Asia Pacific Conference on Circuits and Systems, APCCAS 2016				9781509015702
205	Nagalakshmi M.	A frame work of real time disaster management system (RDMS) using ADHOC wireless networks	2017	International Journal of Applied Engineering Research	12	24	9734562	
206	Prasad B.R.	Real Time Density-Based Clustering (RTDBC) algorithm for big data	2017	Journal of Computer Science	13	10	15493636	
207	Garre P., Nikhil Bharadwaj V.V.S., Shiva	Applying lean in aerospace manufacturing	2017	Materials Today: Proceedings	4	8	22147853	

	Shashank P., Harish M., Sai Dheeraj M.							
208	Kumar M., Garee P., Sundaram S.	Carbon fiber reinforced plastic Composite Structural Analysis on a Reentry Capsule Heat shield	2017	Materials Today: Proceedings	4	8	22147853	
209	Ranjeeth M., Nallagonda S., Anuradha S.	Optimization analysis of improved energy detection based cooperative spectrum sensing network in nakagami-m and weibull fading channels	2017	Journal of Engineering Science and Technology Review	10	2	17919320	
210	Maheshwara m S., Prakash O., Sharma M., Bulusu A., Manhas S.	Vertical nanowire FET based standard cell design employing Verilog-A compact model for higher performance	2017	Communicati ons in Computer and Information Science	711		18650929	9789811 074691
211	Singh D., Jayaganthan R., Nageswara Rao P., Kumar A., Venketeswarl u D.	Effect of initial grain size on microstructure and mechanical behavior of cryorolled AA 5083	2017	Materials Today: Proceedings	4	8	22147853	
212	Prashanth Kumar V., Srinivas Reddy P., Sripada S., Vishnuvardha n Reddy C.	Preparation and Characterization of Pr <sub>1-x</sub> Sr <sub>x</sub> MO <sub>3</sub> (PSMO) (0 ≤ x ≤ 0.6) Nanomaterials	2016	Materials Today: Proceedings	3	10	22147853	
213	Pardhu T., Reddy N.A.	Design of ultra low power multipliers using hybrid adders	2015	2015 International Conference on Communicati on and Signal Processing, ICCSP 2015				9781479 980819
214	Pardhu T., Harshitha S.	Design and simulation of digital frequency meter using VHDL	2014	International Conference on Communicati on and Signal Processing, ICCSP 2014 - Proceedings				9781479 933587
215	Pardhu T., Manusha S., Sirisha K.	A low power flash ADC with Wallace tree encoder	2014	IFIP International Conference on Wireless and Optical Communicati ons Networks, WOCN			21517681	9781479 931569
216	Bekkam V.R.,	Estimation and Analysis of	2013	Journal of	18	10	10840699	

Vajja V., Nune R., Gaur A.	Return Flows: Case Study		Hydrologic Engineering				
----------------------------------	--------------------------	--	---------------------------	--	--	--	--

#### • Industry Linkage

S No	Name of the Industry	Date	Purpose
1	Sprint Power Technologies, Pvt. Ltd, Hyderabad	30 January, 2019	Work jointly for enriching the quality of technical education imparted to the students of engineering in the field of Electrical and Electronic engineering and other branches related to the nature of works carried out by the collaborator
2	BhagyanagarElectricals, Kukatpally, Hyderabad.	30 January, 2019	Work jointly for enriching the quality of technical education imparted to the students of engineering in the field of Electrical and Electronic engineering and other branches related to the nature of works carried out by the collaborator,
3	Sandhya Electrical, Chandanagar, Hyderabad	30 January, 2019	Work jointly for enriching the quality of technical education imparted to the students of engineering in the field of Electrical and Electronic engineering and other branches related to the nature of works carried out by the collaborator
4	Access Power Care Systems, New Bowenpally, Sec-bad	30 January, 2019	Work jointly for enriching the quality of technical education imparted to the students of engineering in the field of Electrical and Electronic engineering and other branches related to the nature of works carried out by the collaborator,

#### • MoUs with Industries (minimum 3)

SNo	Name of the Industry	Date	Purpose
1	LEAD GATE Coaching, Thirupathi	21 January, 2019	Expression shall mean and includes its heirs, legal representative executors
2	MavaricksPersonality Development and Communication (OPC) Pvt. Ltd, Hyderabad	3 March, 2019	1. To Establish a Mavericks Student Community termed as Regency – in the IARE campus The Community shall entirely be monitored by the student organizing committee know as the IARE Crew and the activity status shall be reported to the Mavericks Council. 2. The regency will function based on the guidelines and curriculum set by the Mavericks Council
3	NetElixir, Somajiguda, Hyderabad	3 July, 2019	The purpose of the MOU is to provide academic assignments and assessment through the NetElixir academic program, internship to the UG B Tech Computer Science and Engineering, Information Technology and PG, Compute Science and Engineering students, Knowledge sharing sessions for which to bridge the gap between the industry and academia.

4	UAP Service Agreement (PEGA)	09 December, 2019	<ol style="list-style-type: none"> <li>1. Talent Sprint and institution hereinafter Collectively Referred to as Parties and Individually referred to as Party</li> <li>2. Programm shall mean the UAP Incorporating Technical Course I and II nd Technical Courses for on Pega's CSA CSSA Certification as Provided by Talent Sprint and as more Specifically provided Under Annxure I of Agreement</li> <li>3. Mutual Promises and Covenants set forth herein, the parties through Friendly Consultancy in Accordance with relevant laws and Regulations and in the sprint of Mutual Benefit, honesty and Good faith the parties agree as follow</li> </ol>
---	------------------------------	-------------------	--

#### 18 LoA and subsequent EoA till the current Academic Year

<https://www.iare.ac.in/?q=node/2073>

#### 19 Accounted audited statement for the last three years

<https://www.iare.ac.in/?q=pages/auditedstatements>

#### 20 Best Practices adopted if any

### Best Practice – I

#### A. Title of the Practice: Promotion of Research

Research is the major component of Higher Education. It widens the intellectual perspective of both the staff and the students. The mental calibre of an individual is adjudged by the contribution made by him/her to research. The research achievement of both the teachers and the students is the most important factor that determines the rank of the institutions. Generation of new knowledge and the expansion of the existing knowledge pave way for the progress of the country in the world arena as the economic development of any country depends solely on research. This institution vies with other institutions in providing opportunities, creating and augmenting infrastructure facilities encouraging and supporting staff and students to launch on research projects.

#### B. Objectives of the Practice

- To keep pace with the relentless wheel of change and update the intellectual calibre of the faculty.
- To encourage the faculty to pursue Ph.D.
- To acquire guideship to produce more research scholars.
- To motivate the faculty to apply for the major and minor research projects by providing guidelines and details of funding agencies.
- To fulfil the requirements to promote the research departments into research centres.
- To collaborate with other institutions and universities in and abroad.
- To arrange for interface among the institutions, industries and the public to take up research projects relevant for the present day.
- To encourage the faculty and the students to organize and present research papers in the national/ international seminars/ conferences/ workshops.
- To publish quality research articles in reputed journals, edit study materials for the prescribed syllabus and author books of high originality.
- To provide seed money for research activities.

#### C. The Context

Being aware of the need of research in Higher Educational Institutions, the Institution has multiplied the required infrastructure facilities for research in the Institution. The college is supported by DST - FIST from the academic year 2018-19 to enhance the research activities.

- All Departments have been provided with laboratories filled with advanced High Tech equipments.
- The number of books required for research has been added to the library stock.

- The research section in the library displays the copies of dissertations, theses and project reports of the scholars.
- Easy access is made to net facility in the Library and departments.
- Staff and students are encouraged to organise/ attend and present papers in the research-oriented conferences/ seminars within and out of the Institution and publish research papers in peer reviewed journals with high impact factor.
- Lack of interest to take up research.
- Lack of time on the part of the teachers who are bent on improving the academic standard of the first generation learners.
- Reluctance to learn and use modern technological devices for research.

#### **D. The Practice**

The Research committee has created a research environment at the Institution through Research Forum. It has provided a platform for the Ph.D. Research Scholars to make the presentation of their findings in the Research forum. The views and comments offered by the Principal, the Guides of the Research Scholars, the other teachers and peers have instilled in them confidence to focus on their research.

- The institution motivates the faculty to do research for Ph.D. The Institution encourages the teachers to undertake Major and Minor Research Projects funded by AICTE, UGC, DST or other agencies. Support facilities for research
- Leave is sanctioned to the staff who are on the verge of completing their research work.
- Special Permission and Leave are given on request to visit to various universities and libraries for data collection.
- The management motivates the staff to go to the educational institutions in other countries for paper presentation by procuring travel grant from the AICTE.
- MoUs is formed with International Universities, to promote teaching, learning and research.
- The management extends financial assistance to the self-financed faculty who make research publications in the journals with high impact factor.

#### **E. Problems faced in the pursuit of research**

- The gap between academia and industries is not fully bridged to fulfil the needs of industries due to lack of time for the internship of the students in the industries.
- Getting funds from various funding agencies is a challenge to the staff and the students.
- The period of hands-on training in the industries is inadequate to address challenges faced in the job market.
- Field Research is planned to be undertaken in Extension Programme to solve real life problems.
- The students and the teachers have to be encouraged to take up Interdisciplinary and socio-economic developmental research.
- Ph.D. holders can be motivated to publicize their research in the form of books.

#### **F. Evidence of Success**

- 72 faculty with Ph.D
- 234.45 Lakh amount sanctioned towards Major and Minor Research Projects from various agencies
- 24 State/National Level Seminars /Workshops were organized by the Departments and IQAC.
- 163 staff have published 221 papers in the National and International Journals and conferences.
- patents filed 9 patents published, 5 patents granted in 2018.
- Eighteen staff members published 20 books.
- 40 students have published 29 papers in the Journals and 16 students have presented 12 papers in the Conferences.
- 22 staff acted as resource persons and enriched others with their expertise in their subjects.

#### **Best Practice - II:**

##### **A. Title of the Practice: Integration of Information and Communication Technology (ICT) resources into Classroom teaching**

The Information and Communication Technology to be precise has become a driving force behind economic growth and a developmental tool as well.

ICT is an extended term for Information technology which is a technological source to make information available at the right time, right place in the right form to the right user. Earlier, one had to wait for the newspapers to get the information across the world. Now with the smarter technology, information can be accessed from anywhere using smart phones and gadgets. All this is made possible

with the help of Information and Communication Technology. Information technology has been influencing our lives in the recent years in the fields of education, healthcare, and business. Going an extra mile, Information and communication technology in Institution has had a major impact.

**B. Objectives of ICT implementation in education:**

- To implement the principle of life-long learning / education.
- To increase a variety of educational services and medium / method.
- To develop a system of collecting and disseminating educational information.
- To promote technology literacy of all citizens, especially for students
- To promote the culture of learning at institution (development of learning skills, expansion of optional education, open source of education, etc.)
- To support Institution in sharing experience and information with others.

**C. The Context**

In this technological era, ICT in education has compelled many higher education institutions to get accustomed to smart technology. This communication software uses computers, the internet, and multimedia as the medium of communication which helps the students for an advanced learning by using the specific instructional strategies and techniques. ICT Encourages participatory learning and student centric learning wherein the mode, technique/method and the pace of learning are decided by the students. Some of the instructional strategies of ICT are mentioned here under:

Computer-based learning, Internet, Classroom Learning, Video conferencing

**D. The Practice:**

ICT facilities are adequately available in the institution for academic purposes. There are well equipped computer laboratories in the institution. The departments have their own computer facilities along with printers. Apart from computer facilities in the departments, Digital library facility is also there. Computers having internet connection facilities. 4000 MBPS leased line for internet access is extended to the entire campus. Campus networking is with Fibre Optic cables. Classrooms are equipped with audio visual aids to cater to the needs of the students.

**ICT Infrastructure:**

The ICT infrastructure includes Facilities for e-learning, e-content development, Digital Library. Wi-Fi internet availability and a good number of Workstations and LCDs.

The institution has introduced NPTEL massive online open courses by using ICT aids for some courses like IOT, Python Programming.

**E. Evidence of Success:**

Students would be able to know and understand practically how IOT (Internet of Things) with Raspberry Pi works. For example Students can work on their academic projects on IOT like Smart dustbins, Smart water level equipment etc., Students of Under Graduate engineering are encouraged to do specific projects with the help of IOT Like Online Temperature Measurement for characterizing heat transfer enhancers, impact energy measurements for calibrating force transducers.

Some of the IOT based projects done by the Engineering students are:

- Automated Street Light Management System
- Ultrasonic & Laser enabled visually impaired guiding system
- Smart Helmet
- Smart Parking system
- Automatic Plant watering by soil moistening detection
- College Bus parking system
- Hybrid Power generation system