

MANDATORY DISCLOSURE 2021

1. **Name of the Institution** : Gudlavalleru Engineering College
Address of the Institution : Seshadri Rao Knowledge Village,
City & Pin Code : Gudlavalleru – 521356, Krishna District.
State / UT : Andhra Pradesh
Phone number with STD code : 08674-273737, 273888
FAX number with STD code : 08674-273957
Email : principal@gecgudlavalleru.ac.in
Website : www.gecgudlavalleru.ac.in
2. **Name and address of the Society and the Trustees** : A.A.N.M & V.V.R.S.R Educational Society
: Seshadri Rao Knowledge Village
: Gudlavalleru – 521356, Krishna District
: Andhra Pradesh
3. **Name of Principal / Director** : Dr.G.V.S.N.R.V.Prasad
: Principal
Phone number with STD code : 08674-273737, 273888, 9848779124
FAX number with STD code : 08674-273957
Email : principal@gecgudlavalleru.ac.in
4. **Name of the affiliating University** : Jawaharlal Nehru Technological University
Address : JNTU Kakinada, KAKINADA – 533003,
: Andhra Pradesh

5. **Governance** :

• **Members of the Board and their brief background**

S.No.	Name of the Governing Body Member	Qualification
1	Dr. Nageswara Rao Vallurupalli	M.S.
2	Sri M. Srinivasa Rao	MBA
3	Sri Satyanarayana Rao Vallurupalli	B.E.
4	Sri V. Subba Rao	M.Com.
5	Sri K. V. Krishna Rao	Graduate
6	Sri Rama Krishna Vallurupalli	--
7	Dr. P. Benarjee	MBBS, DCH
8	Dr. Parimi S R	Ph.D
9	Sri. D. Rama Krishna	M.Tech
10	Dr. Y. Sreenivas Rao	Ph.D
11	Dr. Sunil Kumar Uppala	Ph.D
12	Sri Kiran Prasad Ivaturi	M.Tech
13	Dr. P. Ravindra Babu	Ph.D
14	Dr. B. Karuna Kumar	Ph.D
15	Prof. G. R. C. Reddy	Ph.D
16	Nominee of AICTE	-
17	Sri J. Satyanarayana Murthy	-
18	Dr. M. Swaroopa Rani	Ph.D
19	Dr. G. V. S. N. R. V. Prasad	Ph.D

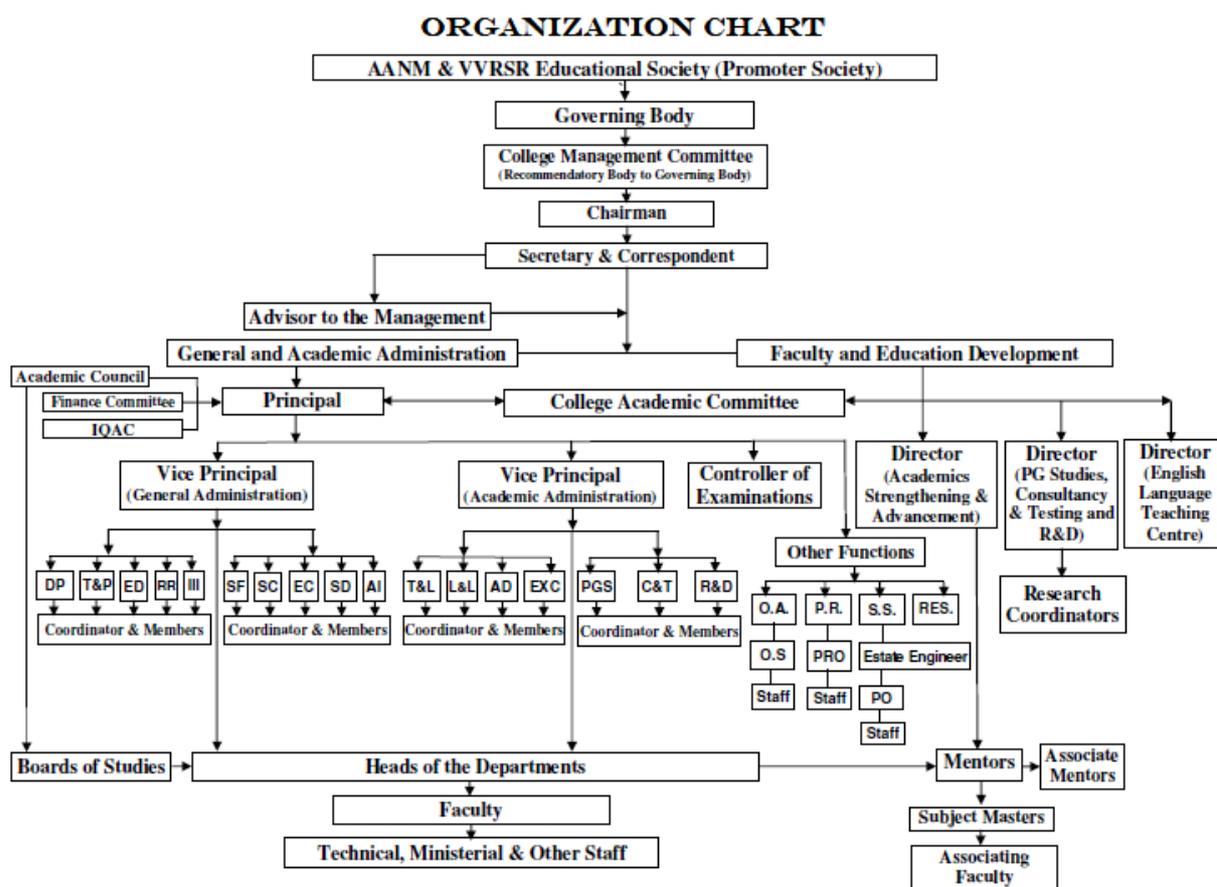
• **Members of Academic Advisory Body**

College Academic Committee

S.No.	Name	Designation
1	Dr. G.V.S.N.R.V. Prasad	Principal
2	Dr. P. Kodanda Rama Rao	Vice-Principal – Administration
3	Dr. M. R. Ch. Sastry	Vice-Principal – Academics
4	Dr. B. Karuna Kumar	Director (Academic Strengthening & Advancement)
5	Dr. P. Nageswara Reddy	Director (PG Studies, Consultancy & Testing and R&D)
6	Dr. P. Ravindra Babu	Advisor to the Management (Invitee)
7	Dr. A. Srinivasulu	Professor and Head, CE (I/c)
8	Dr. G. Reddy Babu	Professor of CE
9	Dr. B. Dasu	Associate Professor & Head (I/c), EEE
10	Dr. L. Ravi Srinivas	Professor of EEE
11	Dr. M. Siva Kumar	Professor & Mentor of EEE
12	Dr. G. Srinivasa Rao	Professor of EEE
13	Dr. A. Jawahar Babu	Professor and Head, ME
14	Dr. K. Syam Sundar	Professor, Mentor of ME & Controller of Examinations
15	Dr. Y. Rama Krishna	Professor & Head, ECE
16	Dr. M. Kamaraju	Professor & Mentor of ECE
17	Dr. V. V. K. D. V. Prasad	Professor of ECE & Addl. CoE
18	Dr. K. Naga Prakash	Professor of ECE
19	Dr. Ravi Srinivasa Rao	Professor of ECE
20	Dr. D. Ravi Krishna Reddy	Professor of ECE
21	Dr. Ch. Bala Swamy	Professor of ECE
22	Dr. M. Babu Rao	Professor & Head, CSE
23	Dr. S. Narayana	Professor & Mentor of CSE
24	Dr. (Mrs.) Ch. Kavitha	Professor & Head, IT
25	Dr. M.V.L.N. Raja Rao	Professor & Mentor of IT
26	Dr. Ch. Nirmal Chand	Professor & Head, MBA
27	Dr. S. Suresh	Sr. Gr. Asst.Prof. & Head (I/c), BS&H
28	Dr. G. S. Bhaskara Rao	Professor, BS&H
29	Dr. B.Karuna Kumar	HoD, English (Addl./c)
30	Mr. D. Surendra Babu	Officer-in-charge-Examinations (JNTUK)
31	Mr. N. Rama Rao	Librarian
32	Mr. K. Sai Krishna	Placement Officer
33	Mr. M. Siva Sankar	Assistant Director of Physical Education
34	Mr. G. Somaraju	Office Superintendent - (I/c)

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

- Organizational Chart and processes



- **Nature and Extent of involvement of Faculty and students in academic affairs / improvements**

College functions on decentralized system. The opinion of the faculty plays vital role in decision making. Faculty members are on different statutory bodies like Governing Body (GB), Academic Council (AC), College Management Committee (CMC), College Academic Committee (CAC), Finance Committee, Anti Ragging Committee, Grievance Redressal Cell, Purchase Committee, Malpractice Prevention Committee, Internal Quality Assurance Cell, etc. as members. Students are also members of various committees and statutory bodies like IQAC, Departmental Development Committee (DDC), Class Monitoring Committee, Sports & Games Committee, Literary & Cultural Committee, Women Protection Cell, etc.

- **Mechanism / Norms and Procedure for democratic/ good Governance**

Transparent governance is in place. College has a quality policy and has a quality document. Quality document furnished the policies, procedures to be followed in every aspect of college functioning. All the officials and administrators cause decisions in light of these policies laid down in the Quality Document.

- **Student feedback mechanism on Institutional Governance/faculty performance**

Feedback on class room instruction as well as laboratory is taken twice in a semester from the students, the first one immediately after completion of first mid-term examinations and the second, one week before the last instruction day. The feedback is evaluated on 10 scale and the average performance index of each faculty is determined. Suggestions / Advices are given to faculty concerned. The feedback on institutional governance is taken from the outgoing students as well as the Alumni and action plan is implemented.

- **Grievance redressal mechanism for faculty, staff and students**

Grievances Redressal cells of students and faculty members are constituted as per the guidelines given by J.N.T. University Kakinada. All grievances of students will be addressed by a committee comprising of Director, Principal, Dean, Student Affairs and Coordinator, Academic and Administrative Affairs. All grievances of staff members will be addressed by Management representative, Director, Principal and Coordinator Academic & Administrative affairs. The grievances will be recorded and necessary measures will be taken up for their redressal.

- **Establishment of Anti Ragging Committee**

Anti-Ragging Committee is constituted with the following members for the academic year 2020-21.

Sl. No.	Name of the Member	Designation	Anti-Ragging Committee
1	Dr. G.V.S.N.R.V. Prasad	Principal	Chairman
2	Dr. P. Kodanda Rama Rao	Vice Principal - Administration	Convener
3	Dr. M. R. Ch. Sastry	Vice Principal – Academics	Member
4	Dr. A. Srinivasulu	Professor & Head, CE (i/c)	Member
5	Dr.B. Dasu	Assoc. Professor & Head, EEE (i/c)	Member
6	Dr. A. Jawahar Babu	Professor & Head, ME	Member
7	Dr. Y. Rama Krishna	Professor & Head, ECE	Member
8	Dr. M. Babu Rao	Professor & Head, CSE	Member
9	Dr. Ch. Kavitha	Professor & Head, IT	Member
10	Dr.S. Suresh	Sr. Grade Asst. Professor & Head, BS&H(i/c)	Member
11	Dr. B. Karuna Kumar	Head, English (i/c)	Member
12	Dr. Ch. Nirmal Chand	Professor & Head, MBA	Member
13	Mrs. K. Vindya Smitha	Associate Professor of EEE	Member
14	Mr. D. Surendra Babu	Associate Professor in Chemistry and Hostel Warden	Member
15	Mr. Y.Mamillu	Assistant Professor of ECE	Member
16	Mr. M. Nagaraju	Assistant Professor of ME	Member
17	Mr. K. Anjaneyulu	Tahisildar Gudlavalleru	Member
18	Mr. T. Surya Srinivas	Sub Inspector of Police Gudlavalleru	Member
19	Mr. Kolli Nanji	Local Parent	Member
20	Mr. P. N. Vijayababu	Local Parent	Member
21	Mr. Borra Nageswara Rao	Local Parent	Member
22	Mr. P. Ravi Kumar	Local Parent	Member
23	Mr. Ch. V. S.Narayana swamy	Local Parent	Member
24	Mr. Allam Srinivas	Local Parent	Member
25	Mr. P. Kiran	Local Parent	Member
26	Mr. Ch. Srinivasa Rao	Public Relations Officer	Member
27	Mr. M. Siva Sankar	Assistant Director of Phy.Edu.	Member
28	Mr. K. Kishore Kumar	Security Officer	Member
29	Mr. G. Somaraju	Office Superintendent i/c	Member
30	Mr. S. Koteswara Rao	Lab Technician, ME	Member
31	Mr.M. Suresh	Lab Technician, ECE	Member
32	Mr. K. Siva Gandhi Roll No.194871A0152	II B.Tech Student, CE	Member
33	Mr. P. Ramsai Roll No.19485A0141	III B.Tech Student, CE	Member
34	Ms. B. Sushma Roll No.17481A0120	IV B.Tech Student, CE	Member
35	Mr. S Prasant Raju Roll No.19481A0270	II B.Tech Student, EEE	Member
36	Ms.Ch.B.S.Venkata Sai Lakshmi Roll No.18481A0216	III B.Tech Student, EEE	Member
37	Mr. V.Khyathi Naidu Roll No.17481A0297	IV B.Tech Student, EEE	Member
38	Mr. G. Praneeth Kumar Roll No.19481A0340	II B.Tech Student, ME	Member
39	Ms.Pothana Yamini Roll No.18481A03A1	III B.Tech Student, ME	Member
40	Mr.D.Teja Chandra Ravi Kumar Roll No.18485A0350	IV B.Tech Student, ME	Member

41	Mr.A.Koti Nagi Reddy Roll No.19481A0409	II B.Tech Student, ECE	Member
42	Ms.Shaik Arifunnisa Roll No. 18481A04J1	III B.Tech Student, ECE	Member
43	Mr. Ch.Deekshit Kumar Reddy Roll No.17481A0446	IV B.Tech Student, ECE	Member
44	Mr.M.Mohan Sai Teja Roll No.19481A05D3	II B.Tech Student, CSE	Member
45	Mr.S. Mohan Sai Roll No.18481A05K4	III B.Tech Student, CSE	Member
46	Ms.G.Gayathri Roll No.17481A0549	IV B.Tech Student, CSE	Member
47	Ms.B.Suma Sarada Roll No.19481A1211	II B.Tech Student, IT	Member
48	Mr.N.Mohith Kumar Roll No.18481A1275	III B.Tech Student, IT	Member
49	Mr.Ch.Sai Krishna Roll No.17481A1221	IV B.Tech Student, IT	Member
50	Mr. P Jaya Surya, Roll No.19481E0063	II MBA Student	Member
51	Ms. N. Rani Roll No.19481E0055	II MBA Student	Member

- Establishment of Online Grievance Redressal Mechanism**
 Online Grievance Redressal Mechanism is established. The link is provided on the college website <http://gec.edugrievance.com/>
- Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**
 Grievances Redressal cells of students and faculty is constituted as per the guidelines given by J.N.T.University Kakinada. All grievances of students will be addressed by a committee comprising of Director, Principal, Vice Principal - Administration. All grievances of staff members will be addressed by Management representative, Director, Principal and Coordinator Academic & Administrative affairs. The grievances will be recorded and necessary measures will be taken up for their redressal.
- Establishment of Internal Complaint Committee (ICC)**
 Disciplinary Committee is established under the leadership of Vice Principal Administration.
- Establishment of Committee for SC/ ST**
 SC / ST Committee is established.
- Internal Quality Assurance Cell**
 The Internal Quality Assurance Cell (IQAC) is re-constituted with the following members for the period of two years w.e.f. 01-01-2021.

Sl. No.	Name of the Person and Details		IQAC Committee
1	Dr. G.V.S.N.R.V. Prasad	Principal	Chairman
2	Dr. P. Kodanda Rama Rao	Vice Principal - Administration	Member
3	Dr. P. Ravindra Babu	Professor of ME (Management Representative)	Member
4	Dr. B. Karuna Kumar	Professor of ME and Director (AS&A)	Member
5	Sri G. Somaraju	Office Superintendent (i/c)	Member
6	Dr. A. Srinivasulu	Professor & Head, CE (i/c)	Member
7	Dr.B. Dasu	Assoc. Professor & Head, EEE (i/c)	Member
8	Dr. A. Jawahar Babu	Professor & Head, ME	Member
9	Dr. Y. Rama Krishna	Professor & Head, ECE	Member
10	Dr. M. Babu Rao	Professor & Head, CSE	Member

11	Dr. Ch. Kavitha	Professor & Head, IT	Member
12	Dr.S. Suresh	Sr. Grade Asst. Professor & Head, BS&H(i/c)	Member
13	Dr. B. Karuna Kumar	Head, English (Additional Charge)	Member
14	Dr. Ch. Nirmal Chand	Professor & Head, MBA	Member
15	Dr. K. Syam Sundar	Professor of ME and CoE	Member
16	Dr. V. V. K.D.V.Prasad	Professor of ECE & Addl.COE	Member
17	Mr. N. Rama Rao	Librarian	Member
18	Dr. Bandaru Syam Kumar	Chandrala Post, Singaluru Village, Gudlavalleru Mandal (Member from Local Society)	Member
19	Ms.Sirazunnisa	Student Representative	Member
20	Mr. Vallurupalli Venkata Kiran	Alumni Representative	Member
21	Mr. D. Anvesh	Executive Manager, Efftronics Systems Pvt. Limited, Vijayawada(Member from Industry)	Member
22	Mr. Vinay Ramesh	Campus Lead – Talent Acquisition Group, Mindtree, Bengaluru (Member from Industry)	Member
23	Mr. T. Sudhakar	Executive Engineer, APSPDCL, Vijayawada (Member from Stakeholder)	Member
24	Dr. M. R. Ch. Sastry	Vice Principal – Academics	Member Secretary

6. Programmes

Name of Programmes approved by AICTE	UG: Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, and Information Technology Artificial Intelligency & Data Science Internet of Things PG: Structural Engineering, Power Electronics and Electric Drives, Machine Design, VLSI Design and Embedded Systems, Computer Science and Engineering, and Master of Business Administration
Name of Programmes Accredited by AICTE	Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering and Information Technology
Status of Accreditation of the Courses:	
Total number of Courses	14
No.of Courses for which applied for Accreditation	3
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

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

Name of the Department		Civil Engineering			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		120	180	180	180
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		73973	129127	57471	87973
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		1.8	1.8	1.5
	Maximum salary		4.8	2.4	4.4
	Average salary		3.2	2.2	2.5

Name of the Department		Electrical and Electronics Engineering			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		120	120	180	180
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		53264	127372	51768	131048
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		2	1.8	1.5
	Maximum salary		4.8	3.6	4.4
	Average salary		3.2	2.6	2.5

Name of the Department		Mechanical Engineering			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		180	180	180	180
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		103711	129284	95805	108817
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		1.5	1.5	1.5
	Maximum salary		2.0	3.6	4.4
	Average salary		2.0	2.4	2.5

Name of the Department		Electronics and Communication Engineering			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		240	240+17	240	240
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		21688	12214/ 27940	23059	64665
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		2.0	1.8	1.5
	Maximum salary		4.8	6.2	4.4
	Average salary		3.4	3.3	2.5

Name of the Department		Computer Science and Engineering			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		240	240	240	240
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		14349	23499	19650	17097
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		2.0	1.8	1.5
	Maximum salary		7.0	10.5	4.4
	Average salary		3.7	3.5	2.5

Name of the Department		Information Technology			
Level		UG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		180	120	120	120
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		24750	33484	45908	88212
Fee		65000	65000	81600	81600
Placement facilities					
Campus placement	Minimum salary		2.0	1.8	1.5
	Maximum salary		4.8	4.6	4.4
	Average salary		3.5	3.1	2.5

Name of the Department		Artificial Intelligence & Data Science			
Level		UG			
Last three years		2020-21	-	-	-
Number of seats		60	-	-	-
Duration		4 Years	-	-	-
Cut off marks / rank of admission during the last three years		19469	-	-	-
Fee		65000	-	-	-
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department		Internet of Things			
Level		UG			
Last three years		2020-21	-	-	-
Number of seats		60	-	-	-
Duration		4 Years	-	-	-
Cut off marks / rank of admission during the last three years		39180	-	-	-
Fee		65000	-	-	-
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department		Civil Engineering			
Level		PG – Structural Engineering			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		18	24	24	24
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years			2297	5111	6203
Fee		50000	70000	70000	70000
Placement facilities					
Campus placement	Minimum salary		-	-	1.5
	Maximum salary		-	-	4.4
	Average salary		-	-	2.5

Name of the Department		Electrical and Electronics Engineering			
Level		PG – Power Electronics and Electric Drives			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		12	24	24	24
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years			730	2644	3370
Fee		50000	70000	70000	70000
Placement facilities					
Campus placement	Minimum salary		-	-	-
	Maximum salary		-	-	-
	Average salary		-	-	-

Name of the Department		Mechanical Engineering			
Level		PG – Machine Design			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		12	24	24	24
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years			2711	3592	4335
Fee		50000	70000	70000	70000
Placement facilities					
Campus placement	Minimum salary		-	-	-
	Maximum salary		-	-	-
	Average salary		-	-	-

Name of the Department		Electronics and Communication Engineering			
Level		PG – VLSI Design & Embedded Systems			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		12	24	24	24
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years			2619	2642	4051
Fee		50000	70000	70000	70000
Placement facilities					
Campus placement	Minimum salary		-	-	-
	Maximum salary		-	-	-
	Average salary		-	-	-

Name of the Department		Computer Science and Engineering			
Level		PG – Computer Science and Engineering			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		12	24	24	24
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years			708	5151	2278
Fee		50000	70000	70000	70000
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department		Master of Business Administration			
Level		PG			
Last three years		2020-21	2019-20	2018-19	2017-18
Number of seats		120	120	120	120
Duration		2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years		31554	4952	12932	34795
Fee		43000	41600	41600	41600
Placement facilities					
Campus placement	Minimum salary	-	2.4	-	-
	Maximum salary	-	3.0	-	-
	Average salary	-	2.6	-	-

7. Faculty

Branch wise list Faculty members	www.gecgudlalleru.ac.in							
Permanent Faculty								
Adjust Faculty								
Permanent Faculty: Student Ratio								
No. of Faculty Joined and Left during the last three years	2020-21		2019-20		2018-19		2017-18	
	Joined	Left	Joined	Left	Joined	Left	Joined	Left
			48	48	39	109	40	39

8. Profile of Principal / Faculty for each faculty give a page covering with Passport size photograph

www.gecgudlalleru.ac.in

9. Fee

Details of fee, as approved by State Fee Committee, for the Institution	Rs.65,000/- (1st Year & 2nd Year) Rs.81,600/-
Time schedule for payment of fee for the entire programme	June - July every year
No. of Fee waivers granted with amount and name of students	Nil
Number of scholarship offered by the Institution, duration and amount	Nil
Criteria for fee waivers/scholarship	---
Estimated cost of Boarding and Lodging in Hostels	Boarding - Rs.2,450/- PM Lodging - Rs.12,000/- PA

10. Admission

Number of seats sanctioned with the year of approval	2020-21	UG:		PG:	
Number of Students admitted under various categories each year in the last three years	AY	Category A	Category B	Category A	Category B
	2020-21				
	2019-20	752	223	106	22
	2018-19	707	238	108	24
Number of applications received during last two years for admission under Management Quota and number admitted	Year	MQ Applications received		MQ Admitted	
		UG	PG	UG	PG
	2020-21				
	2019-20	223	22	223	22

11. Admission Procedure

Mention the admission test being followed, name and address of the Test Agency and its URL(Website)	APEAMCET / APECET / APICET / APPGECT	
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)	APEAMCET	924
	APECET	189
	APICET	48
	APPGECET	10
Calendar for admission against Management/vacant seats:		
Last date of request for applications	Every year we are following as per Andhra Pradesh State Counsel of Higher Education guidelines	
Last date of submission of applications		
Dates for announcing final results		
Release of admission list (main list and waiting list shall be announced on the same day)		
Date for acceptance by the candidate (time given shall in no case be less than 15 days)		
Last date for closing of admission		
Starting of the Academic session		
The waiting list shall be activated only on the expiry of date of main list		
The policy of refund of the fee, in case of withdrawal, shall be clearly notified		

12. Criteria and Weight ages for Admission

Describe each criterion with its respective weight ages i.e. Admission Test, marks in qualifying examination etc.	(APEAMCET, APICET, APPGECET) As per Andhra Pradesh State Counsel of Higher Educational guidelines
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	
Display marks scored in Test etc. and in aggregate for all candidates who were admitted	

13. List of Applicants

List of candidate whose applications have been received along with percentile/ percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats	List Enclosed as Annexure -A
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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)	Principal : Chairman Vice Principal – Academics : Member Vice Principal – Administration : Member Office Superintendent : Member									
Score of the individual candidate admitted arranged in order or merit	Merit									
List of candidate who have been offered admission	List Enclosed Annexure - A									
Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	No									
List of the candidate who joined within the date, vacancy position in each category before operation of waiting list	UG – B.Tech									
		CIV	EEE	MEC	ECE	CSE	INF	AID	IOT	Total
	Joined	99	95	152	254	257	193	64	54	1168
	Vacancy	29	33	41	3	0	0	0	10	116
	PG – M.Tech					PG – MBA				
		SE	PEED	MD	VLSID &EM	CSE	MBA		Total	
	Joined	6	3	2	4	0	51		66	
	Vacancy	12	9	10	8	12	69		120	

15. Information of Infrastructure and Other Resources Available

Number of Class Rooms and size of each	71	83.6 Sqm.
Number of Tutorial rooms and size of each	19	56.0 Sqm.
Number of Laboratories and size of each	81	83.65 Sqm.
Number of Drawing Halls with capacity of each	2	70
Number of Computer Centres with capacity of each	3	70
Central Examination Facility, Number of rooms and capacity of each	71	56
Barrier Free Built Environment for disabled and elderly persons	Available	Available
Occupancy Certificate	Available	Available
Fire and Safety Certificate	Available	Available
Hostel Facilities	Available	Available

- Library:

Number of Library books / Titles / Journals available (Program-wise):

COURSE	DIVISION	TITLES	VOLUMES	REFERENCE BOOKS	PRINT JOURNALS	E-JOURNALS	E-BOOKS	BOOK BANK (SC/ST)		
CIVIL	3	998	4355	461	18	Subscribes IEEE, ASME, ASCE, J-GATE, IET-Springer, IETE, DELNET and N-LIST	Subscribes Pearson, MGH Access Engineering, DELNET & N-LIST	1335		
EEE	2	2016	8740	1174	12			115	1559	1823
ME	3	2009	9188	1664	18			85	1722	1931
ECE	4	2236	10096	2019	18			95	2122	2066
CSE	4	2228	9277	1553	19			108	1403	2202
IT	2	1782	5910	905	12			93	689	1580
AI&DS	1	18	92	18	6			89	151	62
IOT	1	15	68	15	6			10	102	50
MBA	2	1658	6546	567	12			14	1755	472
M.Tech (VLSI&ES)	1	364	1363	254	6			395	36	--
M.Tech (CSE)	1	339	1321	222	6			24	199	--
M.Tech (PEED)	1	319	852	215	6			19	21	--
M.Tech (SE)	1	142	547	96	6			22	91	--
M.Tech (MD)	1	144	644	94	6			26	49	--
TOTAL		14273	58999	9257	151	1110	11500	11521		

List of online National / International Journals subscribed:

National:

CIVIL ENGINEERING

S.NO.	TITLE
1	Bulletin of Pure & Applied Sciences- Geology
2	IASH Journal- International Association for Small Hydro
3	INCOLD Journal (A Half Yearly Technical Journal of Indian Committee on Large Dams)
4	Indian Journal of Geosynthetics and Ground Improvement
5	ISRM India Journal- Half Yearly Technical Journal of Indian National Group of ISRM
6	IWRA (India) Journal (Half Yearly Technical Journal of Indian Geographical Committee of IWRA)
7	Journal of Applied Geochemistry
8	NDCWWC Journal (A Half Yearly Journal of New Delhi Centre of WWC)
9	INCOLD Journal (A Half Yearly Technical Journal of Indian Committee on Large Dams)
10	TAI Journal (A Half Yearly Technical Journal of Indian Chapter of TAI)
11	Water and Energy International
12	IE Civil Engineering
13	IE Environmental Engineering
14	IE Architectural Engineering
15	IE Agricultural Engineering
16	JOSE: Journal on Structural Engineering
17	The Indian Concrete Journal
18	Civil Engineering & Construction Review
19	Asian Journal of Water, Environment and Pollution
20	Journal of Construction Management
21	AMC Indian Journal of Civil Engineering

22	Claro: Structure and Design
23	IUP Journal of Structural Engineering
24	Journal of Earth System Science
25	Journal of Genetics
26	Journal of Indian Road Congress
27	Indian Highways
28	IWRA (India) Journal (Half Yearly Technical Journal of Indian Geographical Committee of IWRA)
29	Journal of the Indian Society of Soil Science
30	Agricultural Engineering Today
31	Far and Near in Water & Energy
32	Water and Energy Abstracts
33	Water and Energy International
34	Clay Research
35	Geographic
36	Journal of the Indian Society of Soil Science
37	The Geographer
38	Water and Energy Research Digest
39	Drinking Water Engineering and Science
40	Journal of Water Resource and Hydraulic Engineering
41	Journal of Water and Land Development
42	Open Hydrology Journal
43	Water Science
44	Water Science and Engineering
45	Advances in Civil Engineering
46	Advances in Materials Physics and Chemistry
47	Advances in Materials Science and Engineering
48	Advances in OptoElectronics
49	American Journal of Engineering and Applied Sciences
50	Annals of the Faculty of Engineering Hunedoara
51	Applied Computational Intelligence and Soft Computing
52	Bulletin of Materials Science
53	Carbon : Science and Technology
54	Civil Engineering Dimension
55	E-Preservation Science
56	Engineering
57	Engineering Journal
58	EURASIP Journal on Image and Video Processing
59	eXPRESS Polymer Letters
60	Facta Universitatis Series : Architecture and Civil Engineering
61	Indian Journal of Engineering & Materials Sciences
62	Indian Journal of Fibre & Textile Research
63	ISRN Civil Engineering
64	ISRN Materials Science
65	Journal of Biological Engineering
66	ARPJ Journal of Engineering and Applied Sciences
67	Journal of Nanomaterials
68	Journal of Technology and Science Education
69	Management Science and Engineering
70	Materials
71	Materials Research
72	Materials Sciences and Applications
73	Mathematical Problems in Engineering
74	Modelling and Simulation in Engineering
75	Open Civil Engineering Journal
76	Open Materials Science Journal
77	Open Ocean Engineering Journal
78	Open Petroleum Engineering Journal
79	Research Journal of Applied Sciences, Engineering and Technology
80	Research Letters in Nanotechnology
81	Reviews on Advanced Materials Science
82	Smart Materials Research
83	Buildings
84	Construction Economics & Buildings
85	Journal of Construction in Developing Countries

86	Journal of Information Technology in Construction
87	Lean Construction Journal
88	Open Construction & Building Technology Journal
89	Sustainable Buildings
90	World Journal of Mechanics
91	Aviation in Focus : Journal of Aeronautical Sciences
92	European Journal of Transport and Infrastructure Research
93	European Transport Research Review
94	INCAS Bulletin
95	Journal of Public Transportation
96	Journal of Transport and Land Use
97	Journal of Transportation Technologies
98	Open Transportation Journal
99	Open Aerospace Engineering Journal
100	American Journal of Operations Research
101	Batteries
102	Engineering, Technology & Applied Science Research
103	Journal of Engineering & Technological Sciences
104	Journal of Engineering, Project & Production Management
105	Journal of Industrial Engineering and Management
106	Journal of Industrial Engineering International
107	Journal of Information System & Technology Management
108	Journal of Optimization in Industrial Engineering
109	Open Automation and Control Systems Journal
110	Open Industrial & Manufacturing Engineering Journal
111	Open Operational Research Journal
112	Advances in Materials Physics and Chemistry
113	Advances in Materials Science and Engineering
114	E-Preservation Science
115	eXPRESS Polymer Letters
116	Fracture and Structural Integrity
117	Indian Journal of Fibre & Textile Research
118	Journal of Applied Fluid Mechanics
119	Journal of Nanomaterials
120	Materials
121	Materials Research
122	Materials Sciences and Applications
123	Open Corrosion Journal
124	Open Materials Science Journal
125	Science and Technology of Advanced Materials
126	Smart Materials Research
127	World Journal of Mechanics
ELECTRICAL AND ELECTRONICS ENGINEERING	
128	IE Electrical Engineering (Series-B)
129	The International Council on Large Electric Systems
130	The Power Journal Research
131	Power Engineer Journal
132	International Journal Association on Electricity Generation, Transmission and Distribution
133	IEEMA Journal
134	Journal of Control and Instrumentation Engineering
135	Journal on Electrical Engineering
136	Journal on Circuits & Systems
137	Journal on Power System Engineering
138	IUP Journal of Electrical and Electronics Engineering
139	Energy Future
140	Indian Journal of Engineering Science & Technology
141	Electrical India
142	Nuclear India
143	Power Today
144	NDCWWC Journal (A Half Yearly Journal of New Delhi Centre of WWC)

145	CIGRE India Journal
146	Phytopathogenic Mollicutes
147	Power Engineer Journal
148	Research Journal of Engineering and Technology
149	Power Engineer Journal
150	TAI Journal (A Half Yearly Technical Journal of Indian Chapter of TAI)
151	TERI Information Digest on Energy and Environment
152	Active and Passive Electronic Components
153	Advances in Electrical and Electronic Engineering
154	Advances in Fuzzy Systems
155	Advances in Power Electronics
156	Bulletin of the Institute of Heat Engineering
157	Circuits and Systems
158	Energy and Power Engineering
159	ETRI Journal
160	EURASIP Journal on Advances in Signal Processing
161	EURASIP Journal on Bioinformatics and Systems Biology
162	EURASIP Journal on Embedded Systems
163	Journal of Electrical and Electronics Engineering
164	Journal of Electrical Systems
165	Journal of Low Power Electronics and Applications
166	Journal of Power Technologies
167	Journal of Sensor Technology
168	Journal of Signal and Information Processing
169	Majlesi Journal of Electrical Engineering
170	Micromachines
171	Nuclear Technology and Radiation Protection
172	Open Electrical & Electronic Engineering Journal
173	Open Signal Processing Journal
174	Science and Technology of Nuclear Installations
175	Turkish Journal of Electrical Engineering and Computer Sciences
176	VLSI Design
177	Wireless Engineering and Technology
MECHANICAL ENGINEERING	
178	Journal of Vibration Engineering and Technologies
179	Journal of Scientific & Industrial Research
180	Indian Journal of Engineering & Material Sciences
181	Bulletin of Material Sciences
182	Productivity Journal
183	IE Mechanical Engineering
184	IE Production Engineering
185	IE Metallurgical and Material Science Engineering
186	IE Marine Engineering
187	IE Mining Engineering
188	Journal of Scientific Temper
189	Indian Foundry Journal
190	Manufacturing Technology Today
191	Journal of Resources Energy and Development
192	IUP Journal of Mechanical Engineering
193	Journal on Mechanical Engineering
194	Journal on Material Science
195	University News
196	CSIR News

197	Fire Engineer
198	Journal of Metallurgy and Materials Science
199	Journal of Resources, Energy and Development
200	TERI Information Digest on Energy and Environment
201	Water and Energy Abstracts
202	Invertis Journal of Renewable Energy
203	Water and Energy Research Digest
204	Indian Journal of Cryogenics
205	Indian Journal of Genetics and Plant Breeding (The)
206	Indian Journal of Geosynthetics and Ground Improvement
207	Indian Journal of Industrial and Applied Mathematics
208	Indian Journal of Scientific Research
209	Advances in Automobile Engineering
210	International Journal of Automotive engineering
211	Journal of Mechanical and Automobile Engineering
212	Engine & Automotive Engineering
213	Journal of Advances in Vehicle Engineering
214	Open Engineering
215	Journal of Mechanical Engineering and Biomechanics
216	Romanian Journal of Automotive Engineering
217	Annals of the University of Oradea. Fascicle of Textiles, Leatherwork
218	Fibres & Textiles in Eastern Europe
219	Journal of Engineering and Manufacturing Technology
220	MADERAS : Ciencia y Tecnología
221	Manufacturing Review
222	Advances in Mechanical Engineering
223	Advances in Tribology
224	American Journal of Mechanical Engineering
225	American Journal of Mechanical Engineering and Automation
226	Electronic Journal of Boundary Elements
227	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
228	ISRN Mechanical Engineering
229	Jordan Journal of Mechanical and Industrial Engineering
230	Journal of Applied Fluid Mechanics
231	Journal of Computational and Applied Mechanics
232	Journal of Fundamentals of Renewable Energy and Applications
233	Journal of Mechanical Engineering and Technology
234	Journal of Naval Architecture and Marine Engineering
235	Journal of Robotics
236	Mechanical Engineering Research
237	Modern Mechanical Engineering
238	Periodica Polytechnica Mechanical Engineering
239	The Open Mechanical Engineering Journal
240	Thermal Science
241	Geomaterials
242	Journal of Metallurgy
243	Journal of Mining and Metallurgy, Section B : Metallurgy
244	Platinum Metals Review
ELECTRONICS AND COMMUNICATION ENGINEERING	
245	IE Electronics & Telecommunication Engineering
246	IE Aerospace Engineering
247	IETE Journal of Research
248	IETE Technical Review
249	IETE Journal of Education

250	Instrument Society of India
251	Defence Science Journal
252	Journal of VLSI Design and Signal Processing
253	Journal on Digital Signal Processing
254	Journal on Electronics Engineering
255	AKGEC International Journal of Technology
256	Journal on Communication Engineering & Systems
257	Journal on Wireless Networks & Systems
258	Journal on Instrumentation & Control Engineering
259	Journal on Mobile Application & Technology
260	Journal on Embedded Systems
261	IUP Journal of Telecommunications
262	Communication Today
263	TV Journal
264	Broadcast Cable Sat
265	Electronics For You
266	Electronics Bazaar
267	Electronics Maker
268	CII Communiqué
269	Journal of Electronics and Communication Engineering Research
270	Acta Periodica Technologica
271	Advances in Natural Sciences : Nanoscience and Nanotechnology
272	Advances in Operations Research
273	Design and Technology Education: An International Journal
274	E-Journal of Surface Science and Nanotechnology
275	EURASIP Journal on Wireless Communications and Networking
276	FibreCulture Journal
277	ISRN Nanotechnology
278	Journal of Applied Research and Technology
279	Journal of Engineered Fibers and Fabrics
280	Journal of Information Systems and Technology Management
281	Journal of Nanotechnology
282	Journal of Scientific & Industrial Research
283	Journal of Sensors
284	Journal of STEM Education : Innovations and Research
285	Journal of Technology Education
286	Journal of Technology Management & Innovation
287	Journal of Technology Research
288	Journal of the Japan Petroleum Institute
289	Maejo International Journal of Science and Technology
290	Management Science and Engineering
291	Nano-Micro Letters
292	Northwestern Journal of Technology and Intellectual Property
293	Open Journal of Safety Science and Technology
294	Open Nanoscience Journal
295	Open Renewable Energy Journal
296	Pacific Journal of Science and Technology
297	Sensors
298	Soft Nanoscience Letters
299	World Journal of Nano Science and Engineering
COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	
300	IE Computer Engineering
301	Indian Journal of Computer Science
302	Asian Journal of Computer Science and Technology (AJCST)

303	Journal of Information, Knowledge and Research in Computer Science and Application
304	Journal of Information, Knowledge and Research in Computer Engineering
305	Journal of Image Processing and Artificial Intelligence
306	Journal of Data Mining and Management
307	Journal of Network Security Computer Networks
308	Journal of Web Development and Web Design
309	Journal of Android and IOS Application and Testing
310	Journal on Software Engineering
311	Journal on Cloud Computing
312	Journal on Computer Science
313	Journal on Image Processing
314	Journal on Pattern Recognition
315	CSI Communications
316	IUP Journal of Computer Sciences
317	World Digital Libraries
318	Fortell
319	PC Quest
320	Digit
321	Express Computer
322	Open Source For You
323	Journal of Community Informatics
324	Journal of Machine Learning Research
325	Journal of Software Engineering and Applications
326	Journal of Systemics, Cybernetics and Informatics
327	Journal of Theoretical and Applied Electronic Commerce Research
328	Journal of Theoretical and Applied Information Technology
329	Scientific Annals of Computer Science
330	Signal & Image Processing
331	Systems, Signs & Actions
332	Theory and Applications of Mathematics & Computer Science
333	Transactions on Data Privacy
334	Wireless Sensor Network
335	Advanced Computing : an International Journal
336	Advances in Electrical and Computer Engineering
337	Advances in Multimedia
338	Advances in Software Engineering
339	The African Journal of Information Systems
340	Ajis : Australasian Journal of Information Systems
341	British Journal of Mathematics & Computer Science
342	Communications and Network
343	Computer and Information Science
344	Computer Science and Information Systems
345	Crosstalk : Journal of Defense Software Engineering
346	Database : the Journal of Biological Databases and Curation
347	Database Systems Journal
348	Digital Culture & Education
	INFORMATION TECHNOLOGY
349	Asian Journal of Information Science and Technology (AJIST)
350	Journal of Information, Knowledge and Research in Information Technology
351	Journal of Information Technology and Sciences
352	Journal of Image Processing and Artificial Intelligence
353	Journal of Data Mining and Management

354	Journal of Network Security Computer Networks
355	Journal of Web Development and Web Design
356	Journal of Android and IOS Application and Testing
357	Journal on Information technology
358	IUP Journal of Information Technology
359	Journal on Future Engineering & Technology
360	Journal on Mathematics
361	IUP Soft Skills
362	PC Quest
363	Express Computer
364	E-learning and Education
365	Economy Informatics
366	Electronic Communications of the EASST
367	Electronic Journal of Information Systems Evaluation
368	Engineering Letters
369	EURASIP Journal on Information Security
370	First Monday
371	Future Internet
372	Game Studies
373	Human Technology
374	IAENG International Journal of Computer Science
375	Indian Journal of Computer Science and Engineering
376	Information Technologies and International Development
377	Information Technology Journal
378	Intelligent Control and Automation
379	Intelligent Information Management
380	Interdisciplinary Journal of Information, Knowledge, and Management
	ARTIFICIAL INTELLIGENCE & DATA STRUCTURES
381	Journal of Image Processing and Artificial Intelligence
382	Journal on Cloud Computing
383	Journal of Information Technology and Sciences
384	Journal of Data Mining and Management
385	Journal of Network Security Computer Networks
386	Journal of Android and IOS Application and Testing
387	Journal of Artificial Intelligence
388	The Journal of Artificial Intelligence Research
389	Advances in Artificial Intelligence
390	Applied Computational Intelligence and Soft Computing
391	Brain. Broad Research in Artificial Intelligence and Neuroscience
392	Computational Intelligence and Neuroscience
	INTERNET OF THINGS
393	Advances in Human-Computer Interaction
394	Advances in Internet of Things
395	Journal of Web Development and Web Design
396	Journal on Information technology
397	Journal on Software Engineering
398	Journal on Communication Engineering & Systems
399	Journal on Wireless Networks & Systems
400	Journal on Future Engineering & Technology
	BASIC SCIENCE AND HUMANITIES
401	Bulletin of Pure & Applied Sciences- Chemistry
402	Journal of Biofuels
403	Medicinal Plants - International Journal of Phytomedicines and Related Industries
404	Advances in Applied Research

405	Arya Bhatta Journal of Mathematics and Informatics
406	Asian Journal of Research in Chemistry
407	Bio Science Research Bulletin
408	Bulletin of Pure & Applied Sciences- Botany
409	Bulletin of Pure & Applied Sciences- Chemistry
410	Bulletin of Pure & Applied Sciences- Geology
411	Bulletin of Pure & Applied Sciences- Mathematics and Statistics
412	Bulletin of Pure & Applied Sciences- Zoology
413	Clay Research
414	Climate Change and Environmental Sustainability
415	Current Trends in Biotechnology and Pharmacy
416	Far and Near in Water & Energy
417	Fire Engineer
418	Global Sci-Tech
419	IASH Journal- International Association for Small Hydro
420	Innovation in IT
421	INROADS- An International Journal of Jaipur National University
422	Journal of Biofuels
423	Journal of Functional And Environmental Botany
424	Bulletin of Pure & Applied Sciences- Physics
425	Arya Bhatta Journal of Mathematics and Informatics
426	Bulletin of Pure & Applied Sciences- Mathematics and Statistics
427	Indian Journal of Industrial and Applied Mathematics
428	Journal of Mathematics and Systems Sciences
	MBA
429	Harvard Business Review
430	Forbes India
431	Indian Journal of Marketing
432	Indian Journal of Finance
433	Prabhandhan: Indian Journal of Management
434	Arthshastra: Indian Journal of Economics & Research
435	Indian Journal of Research in Capital Markets
436	AMC Indian Journal of Entrepreneurship
437	Vikalpa
438	IUP Journal of Marketing Management
439	IUP Journal of Knowledge Management
440	IUP Journal of Operations Management
441	IUP Journal of Entrepreneurship Development
442	Journal of Information, Knowledge and Research in Business Management and Administration
443	GEC's International Journal of Innovation Technology and Management
444	Journal of Management & Entrepreneurship
445	Fortune India
446	Business India
447	The Week
448	Corporate Citizen
449	The Management Accountant
450	Agricultural Economics Research Review
451	Al-Barkaat Journal of Finance & Management
452	Arth prabandh : A Journal of Economics and Management
453	Asian Journal of Management
454	Asian Journal of Multidimensional Research (AJMR)
455	Asian Journal of Research in Banking and Finance
456	Asian Journal of Research in Business Economics and Management
457	Asian Journal of Research in Marketing

458	BULMIM Journal of Management and Research
459	Delhi Business Review
460	Dynamics of Public Administration
461	Economic Affairs
462	EXCEL International Journal of Multidisciplinary Management Studies
463	FOCUS: Journal of International Business
464	IIMS Journal of Management Science
465	IITM Journal of Management and IT
467	Indian Journal of Economics and Development
468	ITIHAS The Journal of Indian Management
469	JIMS8M: The Journal of Indian Management & Strategy
470	Journal of Commerce and Management Thought
471	Journal of Global Communication
472	Journal of Income & Wealth (The)
473	Journal of Management and Public Policy
474	Journal of Management Research
475	Journal of Management Research and Analysis
476	LBS Journal of Management & Research
477	Mangalmay Journal of Management & Technology
478	MANTHAN: Journal of Commerce and Management
479	Media Watch
480	MUDRA: Journal of Finance and Accounting
481	Parikalpana: KIIT Journal of Management
482	PRAGATI: Journal of Indian Economy
483	Pranjana:The Journal of Management Awareness
484	SAARJ Journal on Banking & Insurance Research
485	Siddhant- A Journal of Decision Making
486	SMART Journal of Business Management Studies
487	South Asian Journal of Marketing & Management Research
488	Sumedha Journal of Management
489	VISION: Journal of Indian Taxation

International:

1	IEEE Aerospace and Electronic Systems Magazine (M-AES)
2	Aerospace and Electronic Systems, IEEE Trans. on* (T-AES)
3	Affective Computing, IEEE Trans. on* (T-AFFC)
4	IEEE Annals of the History of Computing (M-AHC)
5	IEEE Antennas and Propagation Magazine (M-AP)
6	Antennas and Propagation, IEEE Trans. on (T-AP)
7	IEEE Antennas and Wireless Propagation Letters* (L-AWP)
8	Applied Superconductivity, IEEE Trans. on (T-ASC)
9	Audio, Speech, and Language Processing, IEEE/ACM Trans. on* (T-ASL)
10	Automatic Control, IEEE Trans. on (T-AC)
11	Automatica Sinica, IEEE/CAA Journal of* (J-AS)
12	Automation Science and Engineering, IEEE Trans. on (T-ASE)
13	Bell Labs Technical Journal Archive† Visit www.ieee.org/bell-labs-tech-journal
14	Big Data, IEEE Trans. on* (T-BD)
15	Biomedical and Health Informatics, IEEE Journal of* (J-BHI)
16	Biomedical Circuits and Systems, IEEE Trans. on (T-BCAS)
17	Biomedical Engineering, IEEE Reviews in* (R-BME)
18	Biomedical Engineering, IEEE Trans. on* (T-BME)
19	Biometrics, Behavior, and Identity Science, IEEE Trans. on* (T-BIOM) NEW!
20	Broadcasting, IEEE Trans. on (T-BC)
21	China Communications Magazine (M-CHINA)
22	IEEE Circuits and Systems Magazine (M-CAS)
23	Circuits and Systems for Video Technology, IEEE Trans. on (T-CSVT)

24	Circuits and Systems Part I: Regular Papers, IEEE Trans. on (T-CAS1)
25	Circuits and Systems Part II: Express Briefs, IEEE Trans. on (T-CAS2)
26	Cloud Computing, IEEE Trans. on* (T-CC)
27	Cognitive and Developmental Systems, IEEE Trans. on (T-CDS) ‡Journal impact factor is for former title: IEEE Trans. on Autonomous Mental Development
28	Cognitive Communications and Networking, IEEE Trans. on* (T-CCN)
29	IEEE Communications Letters* (L-COMM)
30	IEEE Communications Magazine (M-COMM)
31	Communications, IEEE Trans. on (T-COMM)
32	IEEE Communications Standards Magazine (M-COMSTD)
33	IEEE Communications Surveys & Tutorials* (COMST)
34	Components, Packaging, and Manufacturing Technology, IEEE Trans. on (T-CPMT)
35	Computational Biology and Bioinformatics, IEEE/ACM Trans. on* (T-CBB)
36	Computational Imaging, IEEE Trans. on* (T-CI)
37	IEEE Computational Intelligence Magazine (M-CI)
38	Computational Social Systems, IEEE Trans. on* (T-CSS)
39	Computer-Aided Design of Integrated Circuits and Systems, IEEE Trans. on (T-CAD)
40	IEEE Computer Architecture Letters* (L-CA)
41	IEEE Computer Graphics and Applications Magazine (M-CG&A)
42	Computer Magazine (M-C)
43	IEEE Letters of the Computer Society* (L-OCS)
44	Computers, IEEE Trans. on* (T-C)
45	Computing in Science and Engineering Magazine (CiSE)
46	IEEE Consumer Electronics Magazine (M-CE)
47	Consumer Electronics, IEEE Trans. on* (T-CE)
48	Control of Network Systems, IEEE Trans. on* (T-CNS)
49	IEEE Control Systems Letters* (L-CSS)
50	IEEE Control Systems Magazine (M-CS)
51	Control Systems Technology, IEEE Trans. on (T-CST)
52	Cybernetics, IEEE Trans. on (T-CYB)
53	Dependable and Secure Computing, IEEE Trans. on* (T-DSC)
54	IEEE Design and Test Magazine (M-D&T)
55	Device and Materials Reliability, IEEE Trans. on (T-DMR)
56	Dielectrics and Electrical Insulation, IEEE Trans. on (T-DEI)
57	Education, IEEE Trans. on (T-E)
58	IEEE Electrical Insulation Magazine (M-EI)
59	IEEE Electrification Magazine (E-M)
60	IEEE Electromagnetic Compatibility Magazine (M-EMC)
61	Electromagnetic Compatibility, IEEE Trans. on (T-EMC)
62	Electromagnetic Compatibility Practice and Applications, IEEE Journal on* (J-EMCPA) NEW!
63	Electromagnetics, RF and Microwaves in Medicine and Biology, IEEE Journal of* (J-ERM)
64	IEEE Electron Device Letters (L-ED)
65	Electron Devices, IEEE Trans. on (T-ED)
66	IEEE Embedded Systems Letters (L-ES)
67	Emerging and Selected Topics in Circuits and Systems, IEEE Journal on (JETCAS)
68	Emerging and Selected Topics in Power Electronics, IEEE Journal of (J-ESTPE)
69	Emerging Topics in Computational Intelligence, IEEE Trans. on* (T-ETCI)
70	Emerging Topics in Computing, IEEE Trans. on* (T-ETC)
71	Energy Conversion, IEEE Trans. on (T-EC)
72	Engineering Management, IEEE Trans. on (T-EM)
73	Evolutionary Computation, IEEE Trans. on (T-EVC)
74	Fuzzy Systems, IEEE Trans. on (T-FUZZ)
75	Games, IEEE Trans. on (T-G) ‡Journal impact factor is for former title: IEEE Trans. on Computational Intelligence and AI in Games
76	IEEE Geoscience and Remote Sensing Letters (L-GRS)
77	IEEE Geoscience and Remote Sensing Magazine (M-GRS) (ASPP Print subscribers will receive print version)
78	Geoscience and Remote Sensing, IEEE Trans. on (T-GRS)
79	Green Communications and Networking, IEEE Trans. on* (T-GCN)
80	Haptics, IEEE Trans. on* (T-H)
81	Human-Machine Systems, IEEE Trans. on (T-HMS)
82	Image Processing, IEEE Trans. on* (T-IP)
83	IEEE Industrial Electronics Magazine (M-IE)

84	Industrial Electronics, IEEE Trans. on (T-IE)
85	Industrial Informatics, IEEE Trans. on (T-IINF)
86	IEEE Industry Applications Magazine (M-IA)
87	Industry Applications, IEEE Trans. on (T-IA)
88	Information Forensics and Security, IEEE Trans. on* (T-IFS)
89	Information Theory, IEEE Trans. on (T-IT)
90	IEEE Instrumentation and Measurement Magazine (M-IM)
91	Instrumentation and Measurement, IEEE Trans. on (T-IM) Includes Instrumentation and Measurement Magazine at no charge
92	IEEE Intelligent Systems Magazine (M-IS)
93	IEEE Intelligent Transportation Systems Magazine (M-ITS)
94	Intelligent Transportation Systems, IEEE Trans. on* (T-ITS)
95	Intelligent Vehicles, IEEE Trans. on (T-IV)
96	IEEE Internet Computing Magazine (M-IC)
97	IEEE Internet of Things Journal* (J-IOT)
98	IEEE Internet of Things Magazine (M-IOT) NEW! (late 2018)
99	IT Professional Magazine (M-ITPRO)
100	Knowledge and Data Engineering, IEEE Trans. on* (T-KDE)
101	Learning Technologies, IEEE Trans. on* (T-LT)
102	Lightwave Technology, Journal of (J-LT)
103	IEEE Magnetics Society Package Package includes IEEE Magnetics Letters (L-MAG) and IEEE Trans. on Magnetics (T-MAG). Individual titles not available separately.
104	Mechatronics, IEEE/ASME Trans. on (T-MECH)
105	Medical Imaging, IEEE Trans. on (T-MI)
106	Medical Robotics and Bionics, IEEE Trans. on* (T-MRB) NEW! (late 2018)
107	IEEE Micro Magazine (M-MICRO)
108	Microelectromechanical Systems, Journal of (J-MEMS)
109	IEEE Microwave and Wireless Components Letters (L-MWC)
110	IEEE Microwave Magazine (M-MW)
111	Microwave Theory and Techniques, IEEE Trans. on (T-MTT)
112	Miniaturization for Air and Space Systems, IEEE Journal on* (J-MASS) NEW!
113	Mobile Computing, IEEE Trans. on* (T-MC)
114	Molecular, Biological, and Multi-Scale Communications, IEEE Trans. on* (T-MBMSC)
115	IEEE MultiMedia Magazine (M-MULTI)
116	Multimedia, IEEE Trans. on (T-MM)
117	Multiscale and Multiphysics Computational Techniques, IEEE Journal on* (J-MMCT)
118	NanoBioscience, IEEE Trans. on* (T-NB)
119	IEEE Nanotechnology Magazine (M-NANO)
120	Nanotechnology, IEEE Trans. on* (T-NANO)
121	Network and Service Management, IEEE Trans. on* (T-NSM)
122	Network Science and Engineering, IEEE Trans. on* (T-NSE)
123	IEEE Network: The Magazine of Global Internetworking (M-NET)
124	Networking, IEEE/ACM Trans. on* (T-NET)
125	IEEE Networking Letters* (L-NET) NEW!
126	Neural Networks and Learning Systems, IEEE Trans. on (T-NNLS)
127	Neural Systems and Rehabilitation Engineering, IEEE Trans. on* (T-NSRE)
128	Nuclear Science, IEEE Trans. on (T-NS)
129	Oceanic Engineering, IEEE Journal of* (J-OE)
130	Optical Communications and Networking, IEEE/OSA Journal of (J-OCN)
131	Parallel and Distributed Systems, IEEE Trans. on* (T-PDS)
132	Pattern Analysis and Machine Intelligence, IEEE Trans. on* (T-PAMI)
133	IEEE Pervasive Computing Magazine (M-PVC)
134	IEEE Photonics Technology Letters (L-PT)
135	Photovoltaics, IEEE Journal of (J-PHOTOV)
136	Plasma Science, IEEE Trans. on (T-PS)
137	Power Delivery, IEEE Trans. on (T-PWRD)
138	IEEE Power Electronics Magazine (M-PEL)
139	Power Electronics, IEEE Trans. on (T-PEL)
140	IEEE Power & Energy Magazine (M-P&E)
141	Power Systems, IEEE Trans. on (T-PWRS)
142	Professional Communication, IEEE Trans. on* (T-PC)
143	IEEE Pulse: A Magazine of the IEEE Engineering in Medicine and Biology Society* (M-PULSE)

144	Quantum Electronics, IEEE Journal of (J-QE)
145	Radiation and Plasma Medical Sciences, IEEE Trans. on (T-RPMS)
146	Radio Frequency Identification, IEEE Journal of* (J-RFID)
147	Reliability, IEEE Trans. on (T-R)
148	IEEE Revista Iberoamericana de Tecnologías del Aprendizaje* (IEEE-RITA)
149	Robotics, IEEE Trans. on (T-RO)
150	IEEE Robotics and Automation Letters* (L-RA)
151	IEEE Robotics and Automation Magazine (M-RA)
152	IEEE Security & Privacy Magazine (M-S&P)
153	Selected Areas in Communications, IEEE Journal on (J-SAC)
154	Selected Topics in Applied Earth Observations and Remote Sensing, IEEE Journal of (J-STARS)
155	Selected Topics in Quantum Electronics, IEEE Journal of (J-STQE)
156	Selected Topics in Signal Processing, IEEE Journal of* (J-STSP)
157	Selected Topics on Antennas and Propagation, IEEE Journal of* (J-STAP) NEW!
158	Semiconductor Manufacturing, IEEE Trans. on (T-SCM)
159	IEEE Sensors Journal* (J-SEN)
160	IEEE Sensors Letters* (L-SEN)
161	Services Computing, IEEE Trans. on* (T-SC)
162	Signal and Information Processing over Networks, IEEE Trans. on* (T-SIPN)
163	IEEE Signal Processing Letters* (L-SP)
164	IEEE Signal Processing Magazine (M-SP)
165	Signal Processing, IEEE Trans. on* (T-SP)
166	Smart Grid, IEEE Trans. on (T-SG)
167	Software Engineering, IEEE Trans. on* (T-SE)
168	IEEE Software Magazine (M-SOFT)
169	IEEE Solid-State Circuits Letters* (L-SSC)
170	IEEE Solid-State Circuits Magazine (M-SSC)
171	Solid-State Circuits, IEEE Journal of (J-SSC)
172	Sustainable Computing, IEEE Trans. on* (T-SUSC)
173	Sustainable Energy, IEEE Trans. on (T-STE)
174	IEEE Systems Journal* (J-SYS)
175	IEEE Systems, Man, and Cybernetics Magazine* (M-SMC)
176	Systems, Man, and Cybernetics: Systems, IEEE Trans. on (T-SMC)
177	IEEE Technology and Society Magazine (M-T&S)
178	Terahertz Science and Technology, IEEE Trans. on (T-THZ)
179	Transportation Electrification, IEEE Trans. on* (T-TE)
180	Ultrasonics, Ferroelectrics, and Frequency Control, IEEE Trans. on* (T-UFFC)
181	IEEE Vehicular Technology Magazine (M-VT)
182	Vehicular Technology, IEEE Trans. on* (T-VT)
183	Very Large Scale Integration Systems, IEEE Trans. on (T-VLSI)
184	Visualization and Computer Graphics, IEEE Trans. on* (T-VCG)
185	IEEE Wireless Communications Letters* (L-WC)
186	IEEE Wireless Communications Magazine (M-WC)
187	Wireless Communications, IEEE Trans. on (T-WC)
188	Mechanical Engineering Magazine Select Articles
189	Applied Mechanics Reviews
190	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering
191	Journal of Applied Mechanics
192	Journal of Biomechanical Engineering
193	Journal of Computational and Nonlinear Dynamics
194	Journal of Computing and Information Science in Engineering
195	Journal of Dynamic Systems, Measurement, and Control
196	Journal of Electrochemical Energy Conversion and Storage
197	Journal of Electronic Packaging
198	Journal of Energy Resources Technology
199	Journal of Engineering for Gas Turbines and Power
200	Journal of Engineering Materials and Technology
201	Journal of Engineering and Science in Medical Diagnostics and Therapy
202	Journal of Fluids Engineering
203	Journal of Heat Transfer
204	Journal of Manufacturing Science and Engineering
205	Journal of Mechanical Design
206	Journal of Mechanisms and Robotics

207	Journal of Medical Devices
208	Journal of Micro and Nano-Manufacturing
209	Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems
210	Journal of Nuclear Engineering and Radiation Science
211	Journal of Nanotechnology in Engineering and Medicine
212	Journal of Offshore Mechanics and Arctic Engineering
213	Journal of Pressure Vessel Technology
214	Journal of Solar Energy Engineering
215	Journal of Thermal Science and Engineering Applications
216	Journal of Tribology
217	Journal of Turbo machinery
218	Journal of Vibration and Acoustics
219	Journal of Verification, Validation and Uncertainty Quantification
220	Journal of Architectural Engineering
221	Journal of Aerospace Engineering
222	Journal of Bridge Engineering
223	Journal of Cold Regions Engineering
224	Journal of Composites for Construction
225	Journal of Computing in Civil Engineering
226	Journal of Construction Engineering and Management
227	Journal of Energy Engineering
228	Journal of Engineering Mechanics
229	Journal of Environmental Engineering
230	International Journals of Geomechanics
231	Journal of Highway and Transportation Research and Development, English Edition
232	Journal of Hydrologic Engineering
233	Journal of Hydraulic Engineering
234	Journal of Irrigation & Drainage Engineering
235	Journal of Infrastructure Systems
236	Journal of Geotechnical and Geoenvironmental Engineering
237	Journal of Hazardous, Toxic, and Radioactive Waste
238	Journal of Professional Issues in Engineering Education & Practice
239	Journal of Sustainable Water in the Built Environment
240	Journal of Transportation Engineering part A:
241	Leadership and Management in Engineering
242	Journal of Legal Affairs and Dispute Resolution in Engineering and Construction
243	Journal of Management in Engineering
244	Journal of Materials in Civil Engineering
245	Journal of Nanomechanics and Micromechanics
246	Natural Hazards Review
247	Journal of Performance of Constructed Facilities
248	Journal of Pipeline Systems Engineering and Practice
249	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering
250	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering
251	Practice Periodical on Structural Design & Construction
252	Journal of Structural Engineering
253	Journal of Surveying Engineering
254	Journal of Transportation Engineering, Part B: Pavements
255	Journal of Urban Planning and Development
256	Journal of Water Resources Planning and Management
257	Journal of Waterway Port Coastal and Ocean Engineering

E- Library facilities

Number of Computers : 54

Broad Band Connectivity : 360 MBps

Library Server:

Specifications: Intel Xeon Quad Core 2.33GHZ, Dual processor support, 16 GB RAM Scalable to 64GB, 6 TB of SAN storage Scalable to 12 TB, Hardware, RAID Dual port Gigabit Network Connectivity. Connected to more than 100 systems in the library and Departments.

Library Networks Membership: DELNET & INFLIBNET, National Digital Library

DELNET with a membership of 2196 National and International Libraries provides web access to 5.79 millions records of books, periodicals, theses, dissertation with locational data and document delivery facility.

The Library is member of INFLIBNET and provides web access to 3,01,41,202 full text of e-Books, e-Journals and Archives

NPTTEL Video Courses from IITs	: 11,650 hours of NPTTEL Video lectures on 520 subjects
Web Based Courses	: 250 NPTTEL Web based courses on all branches
Video Courses from SONET	: 500 CDs, 25 subjects total 500 Hrs
Industrial Grade Skills from IEG	: 29 CDs, 14 subjects each 16 lectures, 224 Hrs
Computer Based Tutorials (CBT)	: 42 CDs
INDO – US Lectures	: 200 Hours
MIT University Lectures	: 300 Hours
STANFORD University Lectures	: 300 Hours
HARVARD University Lectures	: 100 Hours
JNTUK-COEERD Material	: 385 subjects on all engineering disciplines

Product Description	No of Journal s/ eBooks
IEEE ASPP	205 Journals
ASME	32 Journals
ASCE	38Journals
J-GATE	15 Journals & 4329 Databases
PEARSON	100 e-Books
MGH	1505 e-Books
N-LIST	E-Journals-203 e-Books-7613
DELNET	E-Journals-617 e-Books-2282

Library Automation	: Library maintenance is computerized and Bar coding Technology is used.
Classification	: Library books are classified as per Dewey Decimal Classification
Department Library	: Each department has a Library and also connectivity to the Central Library Server
OPAC (Online Public Access)	: Using KIOSK within the campus through Catalogue INTRANET and Outside of the campus through WEB OPAC (www.geclibrary.in)
Library Software	: Developed by own software for all library house keeping operations and digital learning material
Discussion rooms	: 03 (for start stop mode of e-learning)
Video Projection Room	: Video projection facility and Conferencing

• **Laboratory and Workshop:**

List of Major Equipment / Facilities in each Laboratory/ Workshop

Course	Name of the Laboratory / Workshop	Major Equipments
CE	Environmental Engineering Lab	Hot Air Oven Muffle Furnance Micro Controller Based Spectrophotometer Micro Processor Conductivity Meter BOD Incubator Digital Balance Digital pH Meter with Electrode Digital Nephelo Turbidity Meter Dissolved Oxygen Meter Jar test Apparatus Glass Distillation Apparatus COD Rotary Shaker Water Batch

CE	Engineering Geology	Direct Reading Digital Resistivity Meter DDRI Mirror Stereoscope With 4x Binocular New Model
CE	GIS & CAD Lab	Systems (Computers - 82) Staad Pro Software ArcGis arcview labkit (30user) ver 10.1 UPS PB 6000 Batch:130906UT1794 Batch:130906UT1789 FE00-HD30-12 Batch:EXIDE Ms angle with connectors 6x8 wall mounted instal lockscreen Sony LCD projector model no:UPL-Dx102 Ceiling mount , HDMI VGA powercables Brother DCPL 2541DW laser jet PB 6KVA UPS Batch:160106AS5845 26AH/12V SMF/VRLA batteries Batch:Exide Ms angle with connectors Blue star 1.5ton split air conditioner
CE	Surveying Field Work	Pentax Total Station R.205 NE Theodlilites T20E Garmin GPS ETREX30
CE	Transportation Engineering Lab	Aggaregate Impact Tester Los angles Abration Deval attrition Ductility Ring And Ball Apparatus Standard Penotrometer Tar viscometer Marshall Apparatus 30KN Weighing Balance of 30Kg
CE	Computer Applications in Structural Engineering	ACER Desktops(Computers 22) UPS PB 6000 Batch : 160206AS6035 FE00-HD30-12 SMF/VRLA Batteries Batch Exide MS Angle with connectors Blue star 1.5 ton shlit Air Conditions
CE	Structural Engineering Lab	Buckling of column Two hinged Arch Apparatus Three hinged Arch Apparatus Verification of clerlds maxwell Reciprocal theorem apparatus Deflection of truss Apparatus Ultrasoniuc pulse velocity Rebar locator NDT JAMTS CORMAP System U-Box / U funnel Horizontal Shake table Shake table Experimental models Cube Moulds Concrete mixer L-Box J-Box RCPT Test Apparatus Water Permiability test Apparatus

CE	Concrete Technology Lab	<p>Vibrating table Integral type compression provin ring Sieve shaker Vee bee consistometer Compacting factor apparatus Longitudinal compresso meter N D T Hammer Accelerating curring tank Compression testing machine Weighing balance 100kg capacity Concrete mixer pan type Needle vibrator Trolly</p>
CE	Geotechnical Engineering lab	<p>Direct shear apparatus (Electronic Conversion kit) Hot air oven 18'x18"x18' Laboratory vane shear Liquid limit device Laboratory CBR apparatus Triaxial out bit compaction test Over head thank Unconfined compression Hand operated extractor Universal extruder Relative density Automatic universal compactor Sieves (4.75, 2.36, 1.18, 425, 600, 300, 150, 75) Liquid Limit Cone Penetrometer Automatic Electronic three Gang Bench Type Consolidometer Hydraulic Sample eject 5000 Motorised Sieve Shaker Motorised Bilt in Digital Timer</p>
CE	WEL Center	<p>ACER Desktops(Computers 3) DELL systems (Computers 2) UPS PB 6000 Batch : 160406AS6372 FE00-HD30-12 SMF/VRLA Batteries Batch Exide MS Angle with connectors Blue star 1.5 ton shlit Air Conditions</p>
CE	Applied Mechanics Lab	<p>Law of moments Apparatus Apparatus to find centroid for different plane lamina with planer Roof truss Pin joint truss Apparatus (with weights) trapeizoidal truss Vector and vector quantay</p>
EEE	Electrical Circuits Lab	<ul style="list-style-type: none"> • Cathode ray Oscilloscopes • 1-phase 220V, 10A Inductive Load • Cathode ray Oscilloscopes • 3-Phase Auto transformers(0-470V/15A)
EEE	Electrical Measurements Lab	<ul style="list-style-type: none"> • LCR Q Meter • Kelvin's Double bridge with Accessories • H.T Oil Testing Kit (0-60 KV) • Phase shifting transformer • Crompton DC Potentiometer (OSAW 30066) • Kelvin's double bridge (OSAW 29760) • Strain Gauge • 3-Phase Auto Transformers • Phase Shifting Transformers • CRO (30MHz Dual Channel) • CRO Demonstration kit (30MHz Dual Channel) • 3-Phase Inductive Load • Kelvin's Double Bridge • Crompton DC Potentiometer • Strain Guage Module • Digital Instrumentation Part III • Hall Effect Sensor

EEE	Power Systems Lab	<ul style="list-style-type: none"> • PC (wipro) TFT ,18.5 CLR monitor,320GB,poles 400 2.74,800,2MB,775GB 7200RPM HOD • AC Transmission line simulator • Three Phase AC motor Protective relay test set • Numerical over current relay kit (L&T make) • \Numerical over voltage under voltage relay kit (L&T make) • Earth Fault relay kit Electro mechanical type aseva make • Buchholtz relay kit (yogya) make • Negative Sequence current relay kit (areva) make • over/under frequency relay kit (H.V) make • Reverse power relay kit (Ashida/Rishabah) Make • PSCAD software (25 Users) • Relay Testing Kit • Earth Fault Relay • Solar PV GRID TIED TRAINING & SYSTEM • Solar PV TRAINING & RESEARCH SYSTEM • ACER I5 SYSTEMS • 8GB DDR3 RAM, 1TB HARD DISK DRIVE
EEE	Electrical Technology Lab	<ul style="list-style-type: none"> • 5H.P/220/1500 R.P.M DC compound motor with mechanical loading arrangement • Control panel consisting MCB ammeter 1No DC voltmeter 1No field rheostat (External) indicators,terminels, switches • 5H.P/220/1500 R.P.M DC shunt motor with mechanical loading arrangement
EEE	Electrical Technology Lab	<ul style="list-style-type: none"> • Control panel polycarbonate facia consisting MCB DC ammeter 1No DC voltmeter 1No field rheostat • 5H.P/220/1500 R.P.M DC shunt motor coupling to 3KW/220V/1500 R.P.M shunt generator with base coupling • Control panel consisting MCB,3 point starter,4nos DC ammeter 2No DC voltmeter 2No field rheostat 2A separate excitation unit for generation indicators terminals,switches • 5H.P/220/1500 R.P.M Shunt wound DC motor coupling to 3KW/415/3 phase/1500 R.P.M/50Hz/four pole/rotorwound sailent pole alternator with base coupling • Control panel 3 point starter,15A DC ammeter,2A DC ammeter 500V AC voltmeter,5A AC ammeter, field rheostat excitation unit for alternator indicators terminals,switches • 5H.P/415V/1400 R.P.M/TEFC 50Hz 3 phase squirrel cage induction motor with mechanical loading • Control panel consisting MCB star delta starter,10A AC ammeter 1no, 500V AC voltmeter 1no , 3 phase /2E/415/10A digital wattmeter with anlog supply • DC Rectifier 220 DC 100AC unit • Distribution panel with 12nos dc feeders, haviely 20A DPMCB, 12nos of 3 phase ac panel haviely 10A TP MCB,1no AC ammeter,1no AC voltmeter • CROS • 3-Φ Variable Inductive Load (415V,12A) • 3-Φ Resistive Load (415V,5A) • 1-Φ Resistive Load (230V,10A) • Starter panel cum excitation unit • 5HP, 220V, 1500rpm Auto Synchronous Motor coupled to 3KW,1500rpm Shunt Generator • 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW,1500rpm Compound Generator • 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW,415V rotor wound salient pole Alternator • 3-phase Auto Transformer • Digital CROs • DC RPS (0-220V,10A) • DSO CRO (100MHz)

EEE	Electrical Machines Lab -1	<ul style="list-style-type: none"> • D.C.Shunt Motor 5 HP / 220 V / 1500 rpm 19A coupled to Compound generator 3KW,220V,1500rpm 13.6A • D.C.Compound motor with brake drum arrangements (5HP,220V,1500rpm 19A) • Two identical DC Shunt M/C coupled together (3KW,220V • Two identical D.C.series M/C coupled together + accessories • RECTIFIER UNIT (100A) (200-240V, & 30V DC) OUTPUT 50A, 50VDC • Resistance Loading Box (3- ϕ/5KW/10A) • D.C Shunt motor5HP/220V Coupled D.C Shunt Generator(3KW,220V) • D.C Shunt motor with brake drum arrangement • D.C Series motor with brake drum arrangement(5HP, 220V) • D.C Shunt motor5HP/220V Coupled D.C Series Generator(3KW,220V) • D.C Shunt Motor 5 HP, 220 V DC 20 A, 1500 RPM Coupled to D.C Compound Generator 2.2 KW 220 V DC, 12 A, 1500 RPM • DC Motor with Thyristorised speed controller Range 1HP,220v, 1500RPM
EEE	Electrical Machines Lab -2	<ul style="list-style-type: none"> • 3- ϕ Auto Transformers (400V/0-470V,15A) • 3- ϕ Auto Transformers (400V/0-470V,15A) • D.C Shunt Motor 7.5 H.P / 220 V coupled to 3-phase alternator 5KVA/3-phase/415V • 3-ϕ Auto Synchronous Motor ,5H.P 415 V coupled to D.C.Shunt generator set (3KW,220V,1500rpm) • Capacitor start and run 1-ϕ I.M (1H.P , 230V) with brake drum arrangement, 1400 rpm 7A • INDUCTIVE LOADING BOX (3-ϕ/5KW10A) • CAPACITIVE LOADING BOX (3-ϕ /5KW/10A) • 3- ϕ Squirrelcage induction motor5HP,415V,With brake drum arrangement • 3- ϕ Squirrelcage induction motor(7.5HP,415V),With brake drum arrangement • 3- ϕ Slipring induction motor(415V,7.5HP)with brake drum arrangement • ϕ repulsion motor(230V,1HP)withbrake load arrangement • ϕ Schrage motor(5HP,415V,50HZ)with brake drum arrangement • 3-PHASE TRANSFORMER5KVA/(230/440)V/50%TAPPING • 5KVA,3-PHASE,415V ROATATING FIELD ALTERNATOR COUPLED TO D.C SHUNT MOTOR • 5KVA,3-PHASE,415V,6POLE,1000RPM INDUCTION MOTOR COUPLED TO 7.5HP,220V,1500RPM,D.C SHUNT MOTOR • CAPACITOR START AND RUN INDUCTION MOTOR 1-PHASE/1HP/230V/1500RPM • AC SERIES MOTOR 1-PHASE/0.5HP/230V/1500RPM • 3-PHASE POLE CHANGE INDUCTION MOTOR 3-PHASE/1HP/415V/50HZ/(960/1440/2900)RPM • RELUCTANCE MOTOR 1-PHASE/1HP/230V/1500RPM • MACHINE TRAINER • STROBO SCOPE (100-10000) Flasher per minute • ϕ Auto T/F (230/(0-270V, 15A) • ϕ Auto Transformers (400V/0-470V,20A) • Brushless Dc Motor with Micro controller,24v/100w/2000RPM • CAPACITIVE LOADING BOX (3-ϕ /5KW/10A) • RESISTANCE LOADING BOX (3-ϕ /5KW/10A) • INDUCTIVE LOADING BOX 3-ϕ/5KW10A) • 1-ϕ RLC Electrical Load(0-10A)

EEE	Control Systems Lab	<ul style="list-style-type: none"> • P-III 800 MHZ, 128 MB, 20 GB • Programable Logic Controller • Effect of P, PI, PD, PID Controller • Lead-Lag compensation Network • DC Motor transfer function study & trainer • DC Servomotor Controller • Characteristics of Synchros • Simulation of Transfer function using operational Amplifier • Cathode Ray Oscilloscopes • Cathode Ray Oscilloscopes • P-III 866 MHZ, 128 MB, 20 GB • MD(1) P4 / 1.5 GHZ / 40 GB • 1 HP Separate by excited DC motor • Programable Logic Controller(CPU) • Temperature Control using PID kit • AC Servomotor Study trainer kit • DC shunt gnerator coupled with DC shunt Motor • Mini Hydel Project Model • Process Control Simulator (ITB PCS 01) • Synchro Transmitter,Receiver Trainer (PEC-03) • DC Servo Motor Controller (ITB REC 005) • Lead Lag Network Simulator (VLLN 01) • Characteristics Of AC Servo Motor (ITB PEC 00A) • Cathoderay Oscilloscope (CRO's) • Cathoderay Oscilloscope (CRO's) • Cathoderay Oscilloscope (CRO's) • Process Control Simulator • Characteristics of Synchros • Characteristics Of Magnetic Amplifier • DC Servo Motor Controller • Lead Lag Network Simulator • Characteristics Of AC Servo Motor • Programable Logic Controller • Temperature Control using PID kit • DC Motor transfer function study & trainer • DC shunt gnerator coupled with DC shunt Motor • Acer veriton desktop system
EEE	Electrical Simulation Lab	<ul style="list-style-type: none"> • Acer Desktop,VERTION M 200 DESKTOP, ISI CHIPSET/INTEL 2Nd Generation Premium Dual core G630,SATA 500GB HDD,4GB DDR3 RAM, Free DOS/10/100/1000 Mbps Lan, ACER 18.5" Tf LED Monitor • 6KVA Online UPS • Matlab 7.14 • Matlab 8.5 • HP System server ML310, RAM 8GB(4)DDR3,KBD+Mouse with CLR 20 Inches HP LED Monitor • Sony LCD Projector
EEE	Project Lab	<ul style="list-style-type: none"> • PLC Project development system • CRO
EEE	Power Electronics Lab	<ul style="list-style-type: none"> • 1-Phase parallel inverter • 1-Phase Half controlled bridge converter(2) • Commutation chopper circuit module • 1-Phase Cyclo converter • Cathode Ray Oscilloscopes (CROS)(5) • DC Jones chopper circuit module • Single phase cyclo converter circuit module • 1-phase fully controlled bridge converter • 1-phse Half controlled bridge converter • 1-phase parallel inverter • 1-phase Bridge inverter

EEE	Power Electronics Lab	<ul style="list-style-type: none"> • CRO'S(2) • Mosfet step down chopper • Transistorised PWM converter • 3- Phase half controlled bridge converter <ul style="list-style-type: none"> b) Required firing circuit, with testing point brought out c) 440V/5A, 3 phase isolation transformer • Single phase dual converter <ul style="list-style-type: none"> b) Firing Circuit • Single phase Series inverter with input of 30V/2A DC <ul style="list-style-type: none"> b) L Load (200mH, 4A) • PWM Three phase with V/F control suitable with motor • 3-phase Isolation transformer with secondary tappings of 10%,25%,50%&100% • 1-phase fully controlled bridge converter • 1-Phase Half controlled bridge converter • Forced commutation circuit module • 1-phase PWM inverter • Four Quadrant Chopper , 3-Phase Auto Transformers • Openn Loop Closed loop DcMotor using PID Controller • Scientech 401
EEE	Power Electronics And Electrical Drives Lab	<ul style="list-style-type: none"> • 3 -Φ AC Voltage Controller On Motor Load. <ul style="list-style-type: none"> A.3 -Φ AC Voltage Controller Firing Unit B.3 -Φ AC Voltage Controller Power Device Circuit 430V/5A C.3-Φ Isolation Transformer 415V/0-220V,415V,1KVA D.AC Motor 1/2 Hp,3 -Φ, 415V,1500rpm • 3 -Φ Full Converter With R & RL Loads <ul style="list-style-type: none"> A.Three -Φ Full Converter Firing Unit B. Three -Φ Full Converter Power Device Circuit • 3 -Φ Full Converter With Dc Motor Drive <ul style="list-style-type: none"> A.Three -Φ Full Converter Firing Unit B. Three -Φ Full Converter Power Device Circuit C. Three -Φ Isolation Transformer 415/0-20Volts,415V,1KVA D. DC Motor 1/2 HP,220V,1500rpm
EEE	Power Electronics And Electrical Drives Lab	<ul style="list-style-type: none"> • Four Quadrant Choppere Drive Using DC Motor <ul style="list-style-type: none"> A. Four Quadrant Chopper Device Module B. DC Motor 1HP,220Volts,1500rpm • Single -Φ IGBT Based PWM Inverter On R& RL Loads <ul style="list-style-type: none"> A.Single -Φ IGBT Based PWM Inverter Module 220Volts/2A B.Dc Power Supply 0-220Volts/2A • 3 -Φ IGBT based PWM Inverter on R & RL load <ul style="list-style-type: none"> a) 3 -Φ IGBT based PWM Inverter 220V/2A module b) DC power supply 0-220V/2A • 3 -Φ SCR based inverter drive for AC motor module 220V/2A <ul style="list-style-type: none"> b) AC motor 1/2HP, 3 -Φ, 230V, 1500 rpm • Speed controller of 3 -Φ slipring induction motor by static rotor resistance controller <ul style="list-style-type: none"> a) Static Rotor Resistance Controller b) 3 -Φ slipring induction motor 440V, 1440rpm. • 3 -Φ PWM pulse genrator module • DSP Based V/F Control of Induction motor • 30Mhz Oscillosope with Colour LCD • PIC Micro-Controller using SCR` s • DSO 50HZ Dual Channel Scientech 401
EEE	Systems Simulation Lab	<ul style="list-style-type: none"> • Multisim 2001 • Zenith P4-I , 1.6 GHz system, 256MB RAM, 40GB Hard disk • 10KVA Servo stabilizer • MATLAB 6.5 • Simulink 5.0 • Control System Tool Box • HCL Infinity Pro systems Intel P-IV 256MB RAM, 40GB Hard disk

EEE	Systems Simulation Lab	<ul style="list-style-type: none"> • 6KVA online UPS • Computers EZEE BEE 4981 256MB RAM, 40GB Hard disk • Wipro i Value • CASPOC • HP Proliant ML 110 G5 server,512 MB RAM/160GB HDD/DVDROM/ Kyboard/nouse • HP13" TFF Monitor • PC HCL infinite pentium dual cone processer ES200,2.53GHZ,2MB cache,800MHZ FSB,1GB DDR2,160GB HDD(SA9A)optical mouse,107 kkeys key board 18.5" LCD monitor • 6KVA online UPS with 12V-26AH, 16 No SMF/VRLA Batteries, Make:Liebert • 1KVA Online UPS,SB Plus • LCD Projector • PC(ACER) • Acer veriton desktop systems Intel core i5,4th generation processor,1181 mother board,8GB DDr3 Ram,500 GB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel core i5,4th generation processor,1181 mother board,8GB DDr3 Ram,500 GB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel core i6,4th generation processor,Intel1181 chipset mother board,8GB(4GBX2) DDR3 Ram,1 TB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel dual core,G-3260,4th Generation processor,intel H81 chipset mother board,4gb ddr3 Ram,1TB sata Hard disk Acer 19.5 Led monitor
EEE	Microprocessor and Microcontroller Lab	<ul style="list-style-type: none"> • ALS-SDA-86MEL Microprocessor Trainer Kit • ALS-NIFC-01ASingle Stepper motor Interface card • ALS-NIFC-05 Logic Controller interface • ALS-NIFC-06A Dual DAC Interface Module • ALS-NIFC-07A 8 Bit ADC Interface Module
ME	Mechanics of Solids Lab	<ul style="list-style-type: none"> • KMI spring testing machine 2500N capacity model 1.3D with one set of grips for testing in compression. • Torsion testing machine: FIE torsion testing machine 6KGM capacity model TT- 6. • FIE impact testing machine model IT – 30 with standard accessories. • Universal testing machine 400KN capacity electronic model UTE-40 and Extensometer Model EM – 1 for UTM -40 with Shear attachment. • Compression Testing Machine 200Tcapacity electrical operated / hand operated. • Computerized Digital University Testing Machine. • Electronic Digital Extensometer - Bend & Rebend Attachment • Micro Hardness Tester
ME	Machine Tools Lab	<ul style="list-style-type: none"> • Simple Lathe • All Geared Capstan Lathe • Universal Milling Machine • Heavy Duty Shaping Machine • All Geared Head Lathe • Semi Geared Lathe • Tool And Cutter Grinder • 6" All Geared Head Lathe • Planning Machine • Cylindrical Grinding Machine • 6 Feet All Geared Lathe with Coolant Pump

ME	Manufacturing Processes Lab	<ul style="list-style-type: none"> • Power Operated Hydraulic Press • TIG Welding Machine • Gas Welding Machine • Spot Welding Machine • Plasma Welding Machine • Arc Welding Machine • Auto Injection Moulding Machine • Plastic Blow Moulding Machine • Bottom Pouring type Stir Casting Furnace with Ultrasonic Vibrator attachment
ME	FM & HM Lab	<ul style="list-style-type: none"> • Venturi, orifice meter with rotameter combined • Pipe friction, pipe fittings, sudden enlargement, sudden contraction • Centrifugal pump test rig (Multi Stage) • Pelton Wheel turbine test rig closed circuit • Francis Turbine Test rig (closed circuit) • Kaplan Turbine • Single Stage Centrifugal Pump • Turbine Flow Meter • Pneumatic Trainer Kit with 1HP Air Compressor • Reynold's Apparatus
ME	Metallurgy Lab	<ul style="list-style-type: none"> • Inverted Metallurgical Microscope with (i) Image Analysis Software (ii) Wide field eye piece 10X • High Temperature Tubular Furnace - 1400 deg C with Vacuum Pump • Pin on Disc Tester TR 201 with Data Acquisition Software, En 31 Disc and Sample Holder
ME	Heat Transfer Lab	<ul style="list-style-type: none"> • Condensation in Drop Wise Film Wise forms • Shell and Tube Heat Exchanger • Thermal Conductivity of Liquid by Guarded hot plate apparatus • Two – Phase Flow Heat Transfer Apparatus
ME	Metrology Lab	<ul style="list-style-type: none"> • Tool Makers Microscope • Surface Finish Tester • Profile Projector • Slip Gage Set 112 Pcs • Autocolimeter
ME	CAD / CAM Lab	<ul style="list-style-type: none"> • Boxfor CNC Lathe cum Milling Machine • ZENITH,P4,1.6GHZ,40GB HDD,256 DDR • Autodesk Inventor Series 6 • HCL,P4,2.6GHZ,256MB DDR,40GB HDD • ANSYS 9.0 • 6 KVA Online UPS • HCL,P4,2.8GHZ,512MB DDR,80GB HDD • PRO E WILDFIRE 3.0 • ALG NASTRAN • HCL, DUEL CORE,1GB DDR,160 GB HDD SATA • 6KVA Online UPS • Wipro, Duelcore,4GB DDR,320 HDD • XL CNC Milling Machine • HCL,DUEL CORE,4GB DDR,500 GB HDD SATA • ProgeCAD Professional & Solid Edge • ACER, DUEL CORE,4GD DDR, 500GB HDD • 6 KVA Online UPS • Robot • ACER,DUEL CORE,4GD DDR,500GB HDD • ACER 18.5" LED MONITORS • 3D Printer • ACER Computers
ME	Dynamics of Machines Lab	<ul style="list-style-type: none"> • Universal Vibration apparatus • Governer apparatus

ME	Thermal Engineering Lab	<ul style="list-style-type: none"> • Four –cylinder four stroke vertical 10 H.P. Ambassador petrol engine coupled to hydraulic dynamometer with radiator and clutch arrangements and other standard accessories. • Single cylinder, Four stroke 5 H.P. vertical new kirloskar water cooled diesel engine test rig with rope brake arrangements, exhaust gas calorimeter and other standard accessories for experimentation • Single cylinder four stroke 3 H.P. high speed brand new greaves petrol engine coupled to AC alternator with standard accessories • Two stage 3 H.P. Air compressor test rig with energy meter arrangement with standard accessories • Refrigeration test rig • Variable Compression Ratio Petrol Engine Test Rig + (Ex. Gas Calo) A.C. Loading • Air Conditioning Test Rig • Single Cylinder 2 Stroke Petrol Engine Test Rig • Single Cylinder 4StrokeDiesel Engine Test Rig (motering and retardation test) • PC Based Single Cylinder 4 Stroke Variable Compression Ratio Diesel Engine Test Rig • Twin Cylinder Diesel Engine Test Rig • Exhaust Gas Analyzer • Smoke Meter • Flame propagation Unit (Propagation speed by using LPG as fuel) • Parabolic concentrator test rig for outdoor unit • Centrifugal Blower Test Rig • Axial Flow Compressor
ME	Instrumentation Lab	<ul style="list-style-type: none"> • Second Class Pyranometer • Desiccant Type Dehumidifier
ME	Fuels and Lubricants Lab	<ul style="list-style-type: none"> • Bomb Calorimeter - as per specification with Cylinder • Junker's Gas Calorimeter
ME	Dassault Systemes 3D Experience Centre	<p><u>HP Z240T Workstation:</u> Intel Core i7-7700, 7th Gen Processor, 64 GB RAM (4 x 16) 2400 MHz DDR4 / 1 TB SATA HDD (7200 RPM) / Nvidia Quadro P1000, 4GB Graphic Card</p>
		<p><u>HP Z240T Workstation:</u> Intel Core i7-7700, 7th Gen Processor, Intel C236 Chipset / 16 GB RAM (2 x 8) 2400 MHz DDR4 / 1 TB SATA HDD (7200 RPM) / Nvidia GTX 1050 T1, 4GB DDR5 Graphic Card</p>
		<p><u>HP ZBOOK 15U G4 Mobile Workstation</u> Intel Core i5, 7th Gen, 7200 Processor, 16GB DDR4 RAM, 1TB HDD, AMD 2GB Graphics Card</p>
ME	Applied Robot Control Lab	<ul style="list-style-type: none"> IGUS Robolink 4 Axis Robot with Magnetic Gripper IGUS Robolink 4 Axis Robot with Vacuum Gripper Acer vertion Intel i5 4th Generation Processor/16GB RAM
ECE	Microwave and Optical Communication Lab	<ul style="list-style-type: none"> • Klystron power supply • Gunn power supply
ECE	Communication Engineering Lab	<ul style="list-style-type: none"> • Spectrum Analyzer
ECE	ECAD Lab	<ul style="list-style-type: none"> • MATLAB, XILINX Softwares,, NI Lab View, Mentor graphic Tools, HFSS Software
CSE	Operating Systems and Networks Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 32 Systems • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 07 Systems • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No. • Wipro LQ DX Gold – 1 No. • TVS MSP 245 Dot Matrix Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. • 6 KVA UPS – 2 Nos.

CSE	Web Technologies Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 35 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. • 6 KVA UPS – 2 Nos.
CSE	Data Structures Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 38 Nos. • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 2 Nos. • IMS server – 1 No. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020+ Printer – 2 Nos. • 6 KVA UPS – 2 Nos.
CSE	Open source Technologies Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 37 Nos. • Acer Dual Core Processor,8 GB RAM, 1 TB HDD – 2 Nos. • TVS MSP 245 Dot Matrix Printer – 2 Nos. • Canon 2900B Laser Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. • 6 KVA UPS – 1 No.
CSE	Data Base Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor,4 GB RAM, 500 GB HDD – 21 Nos. • HCL Dual Core Processor,2 GB RAM, 320 GB HDD – 25 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laser Jet 1020 Printer – 1 No. • Umax Astra 4100 Scanner – 1 Nos. • 6 KVA UPS – 2 Nos.
CSE	Design Tools Lab	<ul style="list-style-type: none"> • HCL Dual Core Processor,2 GB RAM, 320 GB HDD – 34 Nos. • HCL Dual Core Processor,1 GB RAM, 80 GB HDD – 7 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020 Printer – 1 No • 6 KVA UPS – 1 No.
CSE	Research and Development Lab	<ul style="list-style-type: none"> • Acer i7 Processor, 16 GB RAM, 2 TB HDD–2 Nos. • Acer i5 Processor, 8 GB RAM, 1 TB HDD–34 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. • 6 KVA UPS – 2 Nos. • 1100 VA UPS – 1 No.
CSE	Common Computing Facility - 2	<ul style="list-style-type: none"> • HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 5 Nos. • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 42 Nos. • Wipro Dual Core Processor, 4 GB RAM, 320 GB HDD – 3 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 19 Nos. • Wipro LQ DX 1050+ Dot Matix Printer – 2 Nos. • Wipro LQ DX GOLD Dot Matix Printer – 2 Nos. • Canon 2900B Laser Printer – 1 No. • TVS HD 755 Dot Matrix Printer – 2 Nos. • 6 KVA UPS – 3 Nos.
CSE	M.Tech Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 42 Nos. • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 10 Nos. • Canon 2900B Laser Printer – 1 No. • 6 KVA UPS – 2 Nos.
IT	Object Oriented Systems Lab	<p>Computers: 37 NO's</p> <p>1.ACER i5 2.70GHz processor,8GB RAM, 1TB HDD, LCD Monitors. – 35 NO's.</p> <p>2. HCL PDC 2.6GHz processor, 2GB RAM, 320 GB HDD, LCD Monitors. – 2 NO's.</p> <p>Server: 01 No</p> <p>IBMX 3200 server, X50 QUAD Core/12450 2.4 GHz, 1333 MHz, 4 GB RAM/2x250 GB, SATA DVD RAM.</p> <p>SONY LCD Projector – 01 NO's</p> <p>UPS: LIEBERT 10 KVA – 01 NO'S</p> <p>Printers: 04 NO's 1. Laser jet – 02 NO's</p> <p>2. T.V.S Dot matrix – 02 NO's</p>

IT	Database Data Warehousing Lab	Computers: 36 NO's 1. ACER i5 2.53GHz processor,8GB RAM, 1TB HDD, LED Monitors. – 30 NO's. 2. ACER PDC 2.53GHz processor, 4GB RAM, 500 HDD, LED Monitors. – 06 NO's. Server: 01 No DELTA=R5 IMS Premium Bundle-MFSYS25V2, 2 compute modules 3XE-nosn quad core processors, 32 GB RAM,4TB of SAS Storage.- 01 NO's SONY LCD Projector – 01 NO's Printers: 04 NO's ; 1.HP Laser jet – 01 NO's 2. WiproLQDX GOLD DMP – 03 NO's
IT	Advanced Programming Lab	Computers: 60 NO's 1. HCL PDC 3.0GHz processor, 2 GB RAM 320 HDD, LCD Monitor – 54 NO's. SONY LCD Projector – 01 NO's UPS: LIEBERT 6 KVA – 03 NO's Printers: 04 NO's 1. Canon Laser jet – 01 NO's 2. T.V.S 245 DMP – 01 NO's 3. Wipro LQ DSI DMP – 02 NO's 4. HP1020 LASER
IT	IT Biometrics & Research Lab	Computers: 24 NO's 1. Acer I3 Processor, 4GB RAM, 500 GB HDD, LCD Monitor. – 05 NO's 2. ACER VERITON Intel Dual Core processor, 2.8GHz, 4GB RAM, 500GB HDD LED Monitor. – 10 NO's 3. ACER Pentium Dual core 2.7 GHz processor, 500 GB HDD, 4 GB RAM, 18.5" T.F.T LED monitor. – 04 NO's. 4. ACER i5 Dual 2.8GHz 8GB RAM, 1TB HDD, LED Monitor – 5NO's UPS : LIEBERT 6 KVA – 01 Printer: Canon Laser jet – 01 KIOSKs : 02 NO's Hostans Systems HCL i3 2.53 GHz processor, 1TB HDD, 21" Touch screen with Biometric and Bar code scanners. Hamster II FPA NITGEN- 03 NOs Zebrox cameras – 02 NO's IRIS Device (LG) – 01 NO's Honeywell scanner (1452G, IEE 3300) – 02 NO's Honeywell Barcode Printer – 01 No's
IOT	IoT Lab	<ul style="list-style-type: none"> Raspberry Pi kits with sensors for real time applications. TIVA launchpad with Arduino programming supported kits CC3200 launch pad for IoT applications
MBA	Department of Business and Management Studies	Computers, UPS
BS&H	Engineering Physics Lab	Diode Laser Experimental Setup Optical Fiber Kit, Optical Fiber loss Numerical Aperture and Acceptance Demonstration of Thermo Electric generation Demonstration of Peltier effect He-Ne laser experimental Setup Spectrometers Travelling Microscope
BS&H	Engineering Chemistry Lab	Hot Air Oven Visible Spectro photometer Digital Balance (Accuracy 0.0001g) Visible Spectro photometer
English	ELCS Lab	Computers LCD Projectors Network Switches Ahuja Audio Systems 6Kv UPS

List of Experimental Setup in each Laboratory / Workshop

Course	Name of the Laboratory / Workshop	List of Experimental
CE	Environmental Engineering Lab	Estimation of Total,volatile, Dissolved, Suspended solids Determination of Chlorides Determination of Optimum Coagulant dose Determination of Chlorine Demand Estimation of settleble solids using Imhoff cone Determination of Dissolved Oxygen with D.O.Meter Determination of B.O.D Determination of C.O.D Determination of Fluorides in water Determination of Nitrates Determination of Iron Determination of Phosphorus
CE	Engineering Geology	Identification of Minerals Identification of Rocks Study of geological structures using wooden models Demo of Resistivity Meter for geophysical measurements Creating layers in a GIS and digitising scanned images Adding attribute data in tables and overlaying layers to extract information Finding x,y,z coordinates of given points using hand-held GPS/smartphones. Geocaching, retrieving hidden objects using GPS receivers. Loading a satellite image and switching the bands on and off Rectification and Referencing of satellite images. Feature identification from Aerial Photographs. Observing depth of field in stereo-pairs.
CE	GIS &CAD Lab	Introduction to Computer Aided Drafting – features and environment Display Commands: Specification of limits, Drawing Scale & View magnification, zooming and panning Commands, Print Options, Creating and Editing 2D Geometry: Creating LINE, POLYLINE, CIRCLE, ARC, ELLIPSE. Usage of editing and modifying commands Construction Techniques: Tools to assist drafting – Creating Offsets, Trimming and extending of lines, filtering of corners, creating multiple objects through Mirroring and Array Generation Managing Object Properties: Significance of Layers and its applications in building drawing – Use of different types of lines and their weightages Creating Text and Defining Styles: Exercises in adding text to the drawing. Management of text styles Drawing in layouts: Creation of layout and its application in Civil Engineering Drawing basic plan of single storey building Introduction to 3D commands: Creating Cube, Cylinder, Prism, Sphere, Pyramid Intersection of solids using 3D commands

CE	Surveying Field Work	<p>Area calculation of closed traverse using chain survey</p> <p>Determination of distance between two inaccessible points using compass.</p> <p>Determination of reduced levels using Height of the instrument method</p> <p>Determination of reduced levels using rise and fall method.</p> <p>Determination of Longitudinal Section and Cross sections of a given road profile</p> <p>Determination of horizontal angles by Method of repetition & re-iteration</p> <p>Determination of building height, a) When the base is accessible b) When the base is inaccessible</p> <p>Curve setting-Simple</p> <p>Determination of tacheometric constants</p> <p>Introduction, leveling and centering of Total Station</p> <p>Determination of Remote Distance Measurement & Remote Elevation Measurement</p> <p>Determination of given bounded area in the field using total station</p>
CE	Transportation Engineering Lab	<p>Aggregate Crushing Value Test.</p> <p>Aggregate Impact Value Test.</p> <p>Shape Tests.</p> <p>Flakiness index.</p> <p>Elongation index.</p> <p>Attrition Test.</p> <p>Abrasion Test.</p> <p>Specific gravity & Water absorption test.</p> <p>Penetration and Ductility of bituminous material.</p> <p>Softening point and flash & fire point of bituminous material.</p> <p>Parking Studies.</p> <p>Earthwork Calculations based on LS & CS method.</p>
CE	Computer Applications in Structural Engineering	<p>Introduction to Softwares</p> <p>Analysis of determinate beam to different types of loading</p> <p>Analysis of continuous beam subjected to different types of loading</p> <p>Analysis of 2D building frame for gravity loads</p> <p>Analysis of 3D frame for gravity loads</p> <p>Lateral forces on a building due to an earthquake using equivalent static method</p> <p>Wind analysis of 3D frames</p> <p>Analysis and Design of steel girder</p> <p>Analysis of pin jointed plane trusses</p> <p>Analysis and Design of simple bridge deck</p> <p>Design of reinforced concrete retaining wall</p> <p>Finite Element Analysis of a beam</p>
CE	Structural Engineering Lab	<p>Strain measurement - Electrical resistance strain gauges</p> <p>Non destructive testing- Rebound Hammer test</p> <p>Non destructive testing- Rebound Hammer test</p> <p>Qualifications tests on Self compaction concrete</p> <p>Design a concrete mix by using I.S. Code method</p> <p>Design a concrete mix by using ACI Code method-</p> <p>Measurement of Cover and bar diameter by poroscope/re bar locator</p> <p>Buckling of columns</p> <p>Determination of horizontal thrust in two hinged arch</p> <p>Determination of horizontal thrust in three hinged arch</p> <p>Repair and rehabilitation of concrete beam.</p> <p>Shake table</p>
CE	Concrete Technology Lab	<p>Normal Consistency and Fineness of Cement</p> <p>Initial And Final Setting Times of Cement</p> <p>Specific Gravity and Soundness of Cement</p> <p>Compressive Strength of Cement</p> <p>Specific Gravity of Fine Aggregate & Bulking of Sand</p> <p>Fineness Modulus of Fine Aggregate</p> <p>Specific Gravity of Coarse Aggregate</p> <p>Fineness Modulus of Coarse Aggregate</p> <p>Flakiness Index of Coarse Aggregate</p> <p>Elongation of Coarse Aggregate</p> <p>Workability of Concrete</p> <p>Compaction Factor</p> <p>Slump And Vee -Bee</p> <p>Compressive Strength , Split Tensile And Flexural Strength of Concrete</p> <p>Non Destructive Testing of Concrete</p>

CE	Geotechnical Engineering lab	<p>Determine the specific gravity of solids by density bottle or pycnometer method.</p> <p>Determination of Liquid Limit, Plastic Limit and shrinkage limit of the Soil.</p> <p>Determine the Field Density by Core Cutter and Sand Replacement Methods.</p> <p>Determine the compaction characteristics of soil by I. S. Light Compaction.</p> <p>Determine the compaction characteristics of soil by I. S. Heavy Compaction</p> <p>Determination of Free Swell Index (FSI).</p> <p>Determine California Bearing Ratio (CBR) of soil.</p> <p>Determine particle size distribution of soil by sieve analysis.</p> <p>Determine particle size distribution by hydrometer method.</p> <p>Determination of Undrained Shear Strength of Soil By Unconfined Compression (UCC) Test.</p> <p>Determination of Shear Strength Parameters of a Soil Specimen by Triaxial Compression Test.</p> <p>Determination of Shear Strength Parameters of the Soil by Direct Shear Test (Box Shear Test).</p> <p>Determination of Undrained Shear Strength of Soil By Laboratory Vane Shear Test.</p> <p>Determination of Density Index (Relative Density) of Cohesionless Soils.</p> <p>Determination of Coefficient of Permeability of the Soil by Variable (Falling) Head method.</p>
CE	Applied Mechanics Lab	<p>Calculation of moment of a force using weight balancing technique and system of pulleys</p> <p>Determination of coefficient of friction of different surfaces</p> <p>Calculation of centroid of the plane lamina</p> <p>Determination of axial forces in members of a simple truss</p> <p>Verification of lami's theorem</p> <p>Analysis of trapezoidal trusses for different loads</p> <p>Verification of polygon law of forces.</p>
EEE	Electrical Circuits Lab	<ol style="list-style-type: none"> 1. Verification of Thevenin's and Norton's Theorems 2. Maximum Power Transfer Theorem 3. Verification Superposition and Reciprocity Theorems 4. Verification of Compensation and Millman's Theorems 5. Series and Parallel Resonance 6. Determination of Self, Mutual Inductances and Coefficient of coupling 7. Z and Y Parameters 8. Transmission and Hybrid parameters 9. Measurement of Active power for Star connected balanced load 10. Measurement of Reactive power for Star connected balanced load 11. Time Response Of First Order RL / RC Network 12. Determination of form factor for non - sinusoidal wave forms.
EEE	Electrical Machines Lab -I	<ol style="list-style-type: none"> 1. Magnetization characteristics of DC shunt generator. Determination of critical field resistance and critical speed. 2. Swinburne's test and Predetermination of efficiencies as Generator and Motor. 3. Speed control of DC shunt motor by Field and armature Control. 4. Load test on DC compound generator. Determination of characteristics. 5. Hopkinson's test on DC shunt machines. Predetermination of efficiency. 6. Brake test on DC compound motor. Determination of performance curves. 7. O.C. & S.C. Tests on Single phase Transformer. 8. Sumpner's test on single phase transformers. 9. Load test on DC shunt generator. Determination of characteristics. 10. Parallel operation of Single phase Transformers. 11. Brake test on DC series motor. 12. Load test on single phase Transformer.
EEE	Electrical Machines Lab -II	<ol style="list-style-type: none"> 1. No-load & Blocked rotor tests on three phase Induction motor. 2. Brake test on three phase Induction Motor. 3. Equivalent Circuit of a single phase induction motor 4. Regulation of a three -phase alternator by synchronous impedance & M.M.F. methods. 5. V and Inverted V curves of a three—phase synchronous motor. 6. Regulation of a three -phase alternator by Z.P.F and A.S.A methods. 7. Determination of X_d and X_q of a salient pole synchronous machine. 8. Brake test on single phase Repulsion Motor. 9. Sequence Impedance of 3-phase Alternator. 10. Regulation of three -phase alternator by Direct Load test. 11. Speed control of three-phase Schrage Motor. 12. Characteristics of Line excited Induction generator.

EEE	Electrical Measurements Lab	<ol style="list-style-type: none"> 1 Calibration and Testing of single phase energy Meter 2 Calibration of dynamometer power factor meter. 3 Crompton D.C. Potentiometer – Calibration of PMMC ammeter and PMMC voltmeter. 4 Capacitance Measurement using Schering Bridge. 5 Inductance Measurement using Anderson Bridge. 6 Measurement of parameters of a choke coil using 3 voltmeter and 3 ammeter methods. 7 Measurement of 3 phases reactive power with single-phase wattmeter for balanced loading. 8 Calibration LPF wattmeter – by Phantom testing. 9 Dielectric oil testing using H.T. testing Kit. 10 LVDT– characteristics and Calibration. 11 Resistance strain gauge – strain measurement and Calibration. 12 Kelvin’s double Bridge – Measurement of low resistance.
EEE	Control Systems Lab	<ol style="list-style-type: none"> 1. Time response of Second order system. 2. Effect of feedback on DC servo motor. 3. Characteristics of Synchros. 4. Effect of P, PD, PI, PID Controller on a second order systems. 5. Programmable logic controller – Study and Verification of truth Tables of logic gates, simple Boolean expressions and application of speed control of motor. 6. Temperature controller using PID 7. Lag and lead compensation – Magnitude and phase plot. 8. Characteristics of magnetic amplifiers. 9. Characteristics of AC servo motor. 10. Transfer function of DC Motor. 11. Transfer function of DC generator. 12. Transfer function of Operational Amplifier. 13. Stability Analysis (Root locus, Bode, Nyquist) of Linear Time Invariant System 14. State space model for classical transfer functions using MATLAB–Verification. 15. Traffic Light Control System 16. Analysis of time response of series RLC circuit
EEE	Electrical Technology Lab	<ol style="list-style-type: none"> 1. Serial and Parallel Resonance – Timing, Resonant frequency, Bandwidth and Q-factor determination for RLC network. 2. Two port network parameters – Transmission ,Hybrid Parameters. 3. Two port network parameters – Z, Y Parameters. 4. Verification of Superposition and Reciprocity theorems. 5. Verification of maximum power transfer theorem 6. Verification of Thevenin’s Theorem. 7. Verification of Norton’s Theorem 8. Magnetization characteristics of DC Shunt generator. Determination of critical field resistance. 9. Swinburne’s Test on DC shunt machine (Predetermination of efficiency of a given DC shunt machine working as motor and generator). 10. Brake test on DC shunt motor. Determination of performance characteristics. 11. OC & SC tests on Single-phase transformer (Predetermination of efficiency and regulation at given power factors and determination of equivalent circuit). 12. Speed control of DC Shunt Motor.
EEE	Power Systems Lab	<ol style="list-style-type: none"> 1. Characteristics of IDMT over Current Relay. 2. Characteristics of Static Negative Sequence Relay. 3. Characteristics of Over Voltage Relay. (Microprocessor Type). 4. Characteristics of Reverse Power Relay. 5. Simulation of 220KV Transmission line model. <ol style="list-style-type: none"> i) Ferranti Effect ii) Transmission line parameter iii) Surge Impedance loadings 6. Transformer Oil Testing and testing of Buchholtz relay. 7. Determination of Sub-Transient Reactance of a Salient Pole Machine. 8. Characteristics of impedance relay. 9. Determination of Sequence Impedances of a salient pole Synchronous Machine. 10. Characteristics of Under frequency relay. 11. Characteristics of Deferential relay. 12. Characteristics of Induction Motor Protection relays.
EEE	Electrical Systems Simulation Lab	<ol style="list-style-type: none"> 1. Steady state and Transient analysis of RLC circuits. 2. Series and parallel RLC Resonance circuits. 3. Verification of Thevenin’s, Norton’s and maximum power transfer theorems. 4. Response of second order systems to an input. <ol style="list-style-type: none"> (i) Pulse signal (ii) Step signal and (iii) Sinusoidal signal. 5. Design of PID controller for a second order control system. 6. Plot Root locus, Bode plots, and Nyquist plots for the transfer functions of systems and analyze the stability of the given system. 7. State model representation of transfer functions and evaluating the controllability and observability of the system.

EEE	Electrical Systems Simulation Lab	<ol style="list-style-type: none"> 8. Single phase voltage source inverter. 9. Single-phase full converter using R,L & E loads. 10. Single-phase AC voltage controller using R,L & E loads. 11. Load Flow studies by Gauss–seidel/Newton Raphson/Fast decoupled methods. 12. Short circuit studies for symmetrical and unsymmetrical (LL, LG, LLG) faults. 13. Modeling and simulation of single phase transformer. 14. Modeling and simulation of three phase induction machine 15. Dynamic stability analysis of Power Systems 16. Switching transients in a single phase line 17. Circuit breaker operation of three phase balanced load
EEE	Power Electronics & Drives Lab	<ol style="list-style-type: none"> 1. Study of Characteristics of SCR,MOSFET & IGBT. 2. Gate firing circuits for SCR's 3. Forced Commutation circuits (Class A, B, C, D & E). 4. Single Phase Half controlled converter with R and RL load. 5. Single Phase fully controlled bridge converter with R and RL load. 6. Single Phase AC Voltage Controller with R and RL load. 7. Single Phase Cyclo – converter with R and RL load. 8. Single Phase bridge inverter with R and RL load. 9. Single Phase series inverter with R and RL load. 10. Single Phase Parallel, inverter with R and RL load. 11. Single Phase dual converter with RL load 12. Three Phase half controlled bridge converter with RL – Load 13. Chopper Controlled DC Motor
EEE	Power Electronics & Electrical Drives Lab (PG)	<ol style="list-style-type: none"> 1. 3 -Φ AC Voltage Controller On Motor Load. 2. 3 -Φ Full Converter With R & RL Loads 3. 3 -Φ Full Converter With DC Motor Drive 4. Four Quadrant Choppere Drive Using DC Motor 5. Single -Φ IGBT Based Pwm Inverter On R& RL Loads 6. 3 -Φ IGBT Based Pwm Inverter On R & RL Load 7. 3 -Φ SCR Based Inverter Drive For AC Motor Module 8. Speed Controller Of 3 -Φ Slipring Induction Motor By Static Rotor Resistance Controller 9. 3 -Φ PWM Pulse Genrator Module 10. DSP Based V/F Control Of Induction Motor 11. 3 -Φ PWM Pulse Generation Using FPGA 12. FPGA Based 3 -Φ IGBT Inverter
EEE	Microprocessor and Microcontroller Lab	<ol style="list-style-type: none"> 1. Implementation of simple decimal arithmetic and bit manipulation operations. 2. Implementation of code conversion between BCD, Binary, Hexadecimal and ASCII. 3. Implementation of searching and sorting of 16-bit numbers. 4. Implementation of String manipulations. 5. Develop a stepper motor interface for rotating through any given sequence. 6. Develop a Digital-to-Analog Converter interface for waveform generation. 7. Develop an Analog-to-Digital Converter interface for analog signal to digital conversion. 8. Implementation of 2's complement and decoder functionalities using DIDO interface. 9. Develop a Embedded C Program to interface seven segment display to port1 and port2 and display the count from 00 to FFH 10. Implement the functionality of traffic signal controller using 8051 microcontroller. 11. Develop an Embedded C Program to display the given string on LCD. 12. Open ended Experiment.
ME	Engg. Workshop	<p>Carpentry : a) T-Lap Joint b) Cross Lap Joint c) Dovetail Joint.</p> <p>Fitting: a) V-Fit b) Square Fit c) Half Round Fit</p> <p>Black Smithy: a) Round to Square b) S-Hook c) Round to Ring</p> <p>House Wiring: a) Parallel / Series Connection b) Stair Case wiring c) Florescent Lamp connection</p> <p>Tin Smithy: a) Taper Tray b) L – Pipe c) Funnel</p> <p>Welding: a) Lap joint b) Butt joint c) Tee joint</p> <p>Foundry: Mould making using Single and multi piece pattern</p> <p>Plumbing: a) Screwed pipe joint – For GI Pipes, PVC Pipes b) Glued or cemented pipe joint – for PVC pipes</p> <p>Handling of Power Tools: a)Jig Saw b)Circular Saw c)Hand Drill d) Hand Grinder</p>

ME	Fuels and Lubricants & Engineering Mechanics Lab	<ol style="list-style-type: none"> 1. Determination of calorific value of fuel by Bomb calorimeter 2. Determination of calorific value of fuel by Junkers calorimeter 3. Determination viscosity index by using Redwood viscometer 4. Determination of flash and fire point of the given Lubricating oil 5. Determination of pour and cloud point of lubricating oil 6. Determination of pH of processed water 7. Determination of rate of corrosion 8. determination of moment of a force using weight balancing technique 9. Determination of angle of deflection of T bar due to eccentric loading 10. Determination of centroid of the plane lamina 11. Determination of axial forces in members of a loaded truss 12. Verification of Lami's theorem
ME	Electrical and Electronics Engineering Lab	<ol style="list-style-type: none"> 1. Verification of Kirchhoff's Laws 2. Verification of Superposition Theorem 3. Verification of Maximum Power Transfer Theorem 4. Experimental Verification of Thevenin's Theorem 5. Speed Control of DC Shunt Motor 6. Open Circuit and Short Circuit Test on Single Phase Transformer 7. Brake Test on DC Shunt Motor 8. Brake Test on Three Phase Induction Motor 9. P-N Junction Diode Characteristics 10. Rectifiers With and Without Filters (Half Wave and Full Wave) 11. Transistor CE Characteristics 12. SCR Characteristics
ME	Solid Mechanics and Metallurgy Lab	<ol style="list-style-type: none"> 1. Determination of modulus of elasticity using universal Testing machine 2. Determination of modulus of elasticity and bending stress in <ol style="list-style-type: none"> a) Simply Supported Beam b) Cantilever beam 3. Determination of modulus of rigidity using torsion testing machine 4. Determination of Hardness number using a) Brinells hardness test b) Rockwell hardness test 5. Determination of stiffness of springs using Spring Testing machine 6. Determination of Impact strength using Impact Testing Machine a) Izod test b) Charpy test 7. Determination of shear strength using Universal testing machine 8. Determination of compressive strength using compression testing machine 9. Preparation and study of the Microstructure of pure metals like Cu and Al 10. Preparation and study of the Microstructure of Mild steels, low carbon steels, high – C steels 11. Preparation and study of the Micro Structures of Cast Irons 12. Preparation and study of the Micro Structures of Non-Ferrous alloys 13. Preparation and study of the Micro structures and hardness of Heat treated steels 14. Hardenability of steels by Jominy End Quench Test
ME	Computer Aided Modeling Lab	<ol style="list-style-type: none"> 1. Drawing of sketch of part - I 2. Drawing of sketch of part - II 3. Modeling of a part 4. Modeling of a part and generation of orthographic views – I 5. Modeling of a part and generation of orthographic views - II 6. Creating detailed drawing with sectional views –I 7. Creating detailed drawing with sectional views -II 8. Modeling and assembly of parts - I 9. Modeling and assembly of parts - II 10. Modeling and assembly of parts - III 11. Creating Schematic Diagrams 12. Creating a model of the sheet metal part
ME	Manufacturing Processes Lab	<ol style="list-style-type: none"> 1. Pattern making for the given specifications 2. Testing of molding sand properties 3. Manufacturing of the given component using casting 4. Preparation of lap and butt joints using arc welding 5. Preparation of lap and single strap butt joints using spot welding 6. Preparation of butt joints using Plasma welding 7. Preparation of butt joints using TIG welding 8. Preparation of lap joints using brazing 9. Blanking and piercing operations using hydraulic press 10. Preparation of a component using injection moulding 11. Study of preparation of a bottle using blow moulding 12. Study of gas welding process

ME	Machine Dynamics Lab	<ol style="list-style-type: none"> Whirling speed of shaft Torsional vibrations of a shaft (a)without damping (b) with damping Longitudinal Vibrations of a beam(a) without damping(b)with damping Model analysis of structural beams by using FFT Analyzer Motorized Gyroscopic Couple Apparatus Balancing of Rotating Masses Determination of centrifugal force at different speeds by using Governor apparatus Balancing of Reciprocating Masses Forced vibrations of beam Determination of Friction and Wear Determination of moment of inertial of bifilar and trifilar systems Natural frequency of single and two rotor systems
ME	Machine Tools Lab	<ol style="list-style-type: none"> Step turning. Taper turning on lathe machine Thread cutting and knurling on lathe machine Drilling and boring on lathe Drilling using radial drilling machine and tapping Shaping Planing Slotting Spur Gear cutting on milling machine Helical Gear cutting on milling machine Cylindrical grinding Grinding of tool angles
ME	Thermal Engineering Lab	<ol style="list-style-type: none"> Valve timing diagram of 4- stroke single cylinder diesel engine Port timing diagram of 2- stroke single cylinder petrol engine Disassembly / assembly of 4- stroke single cylinder petrol engine Load test on 4-stroke single cylinder diesel engine Load test on 2-stroke single cylinder petrol engine Morse test on 4-stroke multi cylinder petrol engine Motoring & retardation test on 4-stroke single cylinder diesel engine Heat balance test on 4 - stroke single cylinder diesel engine Economical speed test on 4- stroke multi cylinder petrol engine Load test on 4 - stroke single cylinder variable compression ratio petrol engine Performance test on reciprocating air compressor Performance test on Refrigeration test rig Performance test on Air conditioning and Heat Pump test rig Study of Boilers
ME	FM & HM Lab	<ol style="list-style-type: none"> Determine coefficient of discharge of Venturimeter Determine coefficient of discharge of Orifice meter Determination of friction factor for a given pipe line Determination of loss of head due to sudden contraction in a pipeline Determine coefficient of discharge Turbine flow meter Verification of Bernoullis equation Determine coefficient of discharge of V-Notch Determine coefficient of discharge of orifice Determine coefficient of discharge of Mouth Piece Determine the efficiency of jet Performance Test on Pelton Wheel Performance Test on Francis Turbine Performance Test on Kaplan Turbine Performance Test on Single Stage Centrifugal Pump Performance Test on Multi Stage Centrifugal Pump Performance Test on Reciprocating Pump
ME	Metrology and Instrumentation Lab	<ol style="list-style-type: none"> Measurement of lengths, heights, diameters by vernier calipers, micrometers etc Measurement of bores by internal micrometers and dial bore indicators Use of gear tooth vernier calipers & checking the chordal thickness of spur gear Angle and taper measurements by Bevel protractor, sine bars etc. Thread measurement by two wire/three wire methods & tool maker's microscope Linear and angular measurements using profile projector Calibration of thermester for temperature measurement Calibration of thermocouple for temperature measurement Calibration of resistance temperature detector for temperature measurement Study and calibration of LVDT transducer for displacement measurement Calibration of strain gauge Calibration of capacitive transducer for angular displacement Study and calibration of photo and magnetic speed pickups for the measurement of speed

ME	Computer Aided Modeling Lab	<ol style="list-style-type: none"> 1. Drafting of cotter joint 2. Drafting of Coupling and Bearing 3. Part Drawing of Screw Jack 4. Part Drawing of stuffing box 5. Indication of Fits Tolerances on drawings 6. Modeling of components of eccentric 7. Modeling of components of Stuffing Box 8. Indication of Surface roughness, heat treatment and surface treatment symbols on drawings 9. Assembly of Hooks Joint 10. Assembly of Pipe vice 11. Detailed drawing of Oldham coupling 12. Detailed drawing of Eccentric
ME	CAD / CAM Lab	<ol style="list-style-type: none"> 1. Static Analysis of truss 2. Static Analysis of beam 3. Static Analysis of 3- D structures 4. Steady State Heat Transfer Analysis 5. Modal analysis of beam 6. Analysis of Axisymmetric Problem 7. Optimization of cantilever beam 8. Analysis of plane stress problem 9. Simulation of manufacturing Processes 10. Machining of Simple Components using CNC Lathe 11. Machining of Simple Components using CNC Mill 12. Palletization of objects using pick and place Robot
ME	Heat Transfer Lab	<ol style="list-style-type: none"> 1. Determination of the overall heat transfer co-efficient of composite slab 2. Determination of Thermal Conductivity of a lagged pipe 3. Determination of Thermal Conductivity of a given insulating powder 4. Determination of Thermal Conductivity of given metal rod 5. Determination of efficiency of a pin-fin 6. Determination of heat transfer coefficient in Transient Heat Conduction 7. Determination of heat transfer coefficient in forced convection 8. Determination of heat transfer coefficient in natural convection 9. Determination of overall heat transfer coefficient in a heat exchanger 10. Determination of Emissivity of a test plates 11. Determination of Stefan Boltzmann constant 12. Determination of heat transfer coefficient in drop and film wise condensation 13. Determination of Critical Heat flux during boiling 14. Study of heat pipe and its demonstration 15. Study of Two – Phase flow
ME	Computational Methods for Engineers Lab	<ol style="list-style-type: none"> 1. To deduce error involved in polynomial equation 2. To Find out the root of the Algebraic and Transcendental equations using Bisection, Regula-falsi, Newton Raphson and Iterative Methods 3. To implement Newton's Forward and Backward Interpolation formula 4. To implement Gauss Forward and Backward Interpolation formula 5. To implement Newton's Divided Difference and Langranges Interpolation formula 6. To implement Numerical Differentiations 7. To implement Numerical Integration using Trapezoidal, Simpson 1/3 rule 8. To implement Least Square Method for curve fitting 9. To draw frequency chart like histogram, frequency curve and pie-chart etc. 10. To estimate regression equation from sampled data and evaluate values of standard deviation, t-statistics, regression coefficient, value of R2 for at least two independent variables.
ECE	Electronic Devices Circuits Lab	<ol style="list-style-type: none"> 1. Cathode Ray Oscilloscope 2. Function Generators 3. Regulated Power Supply 4. DMM 5. Analog Meters 6. Trainer Kits 7. CRO with Built in Curve Tracer
ECE	Integrated Circuits Lab	<ol style="list-style-type: none"> 1. Cathode Ray Oscilloscope 2. RPS-(0-30V) 3. Function generators 4. DMM 5. Trainer kits 6. Analog & Digital IC tester

	Communication Engineering Lab	<ol style="list-style-type: none"> 1. Cathode Ray Oscilloscope (analog) 20MHz 2. Cathode Ray Oscilloscope(analog) 30MHz 3. Cathode Ray Oscilloscope(analog) 100MHz 4. Cathode Ray Oscilloscope(DSO) 50MHz 5. RF signal Generator 6. AM/FM signal generator 7. Spectrum Analyzer 8. Experimental Trainer Kits 9. IC Tester
ECE	Microwave and Optical Communication Lab	<ol style="list-style-type: none"> 1. Intensity Modulation Kit 2. Cathode Ray Oscilloscope 3. Sx-9001 Bench 4. Fibre Optic Analog Kit 5. Microwave Bench 6. Klystron Power supply 7. Laser Diode Transmitter Kits 8. Microwave Bench
ECE	Micro Processor and Microcontroller Lab	<ol style="list-style-type: none"> 1. 8086 Microprocessor kits 2. PIC Development Boards 3. ARM7 Development Boards 4. AVR Development Boards 5. MSP430 Development Board 6. ZIGBEE Node 7. WSN Development Boards 8. Wi-Fi Node 9. Analog and Digital I.C Tester 10. Universal Embedded Kits 11. Superpro/Z Universal Programmer 12. Cathode Ray Oscilloscopes 13. IC Tester
ECE	Electronic Computer aided Designing Lab	<ol style="list-style-type: none"> 1. Computers 2. MATLAB- R 2017a 3. DSP KITS-DSK TMS 320CC6711 4. DSP Starter kits-DSK-TMS-320C6713 5. Zed board Zynq-7000 ARM/FPGA SOC Development Board 6. DSP Starter kits(DSK) TMS .320C6713 with code composer studio 7. NI Lab view professional Development software with all the toolkits for ECE ,EEE, MECH AND CIVIL Engineering Application 8. Universal CPLD FPGA Trainer Kits 9. SIMS UVLSI Universal Trainer Kits, 10. NI Multisim 14.0 11. NI Ultra Board
ECE	Embedded Systems Lab	<ol style="list-style-type: none"> 1. Single chip MCU trainer based on 89C51 ED2 2. Logic controller Interface 3. TXDR Interface 4. Elevator Interface 5. ARM 926 Kits 6. ARM Development Board 7. Wireless Development Board 8. Acer Veriton Desktop Systems 9. Mentor Graphics HEP1 (35 Users) 10. Mentor Graphics HEP2 (40 Users) 11. Zed Board Zynq-7000 ARM/FPGA Soc Board
ECE	R & D Centre	<ol style="list-style-type: none"> 1. COMPUTERS 2. Xilinx Vivado 2016.2 3. MATLAB 2017a 4. NI Multisim 14.0 5. NI Ulti Board 14.0 6. Xilinx Zed Board H/W Kit 7. Wireless Embedded Module H/W Kit 8. GSM/GPS Trainer Board H/W Kit 9. Mobile Network Equipment H/W Kit 10. Ansys Academic Teaching HFSS 19.2.0 <p>NI LAB VIEW:</p> <ol style="list-style-type: none"> 1. NI Lab view 2018 2. NI My RIO H/W Kit 3. NI My DAC H/W Kit
ECE	Project Lab	<ol style="list-style-type: none"> 1. Computers 2. Xilinx Vivado , 3. MATLAB, 4. Multisim

CSE CSE CSE	Operating Systems and Networks Lab Web Technologies Lab Data Structures Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 32 Systems • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 07 Systems • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No. • Wipro LQ DX Gold – 1 No. • TVS MSP 245 Dot Matrix Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. 6 KVA UPS – 2 Nos.
		<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 35 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. 6 KVA UPS – 2 Nos.
		<ul style="list-style-type: none"> • Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 38 Nos. • Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 2 Nos. • IMS server – 1 No. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020+ Printer – 2 Nos. 6 KVA UPS – 2 Nos.
CSE	Open source Technologies Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 37 Nos. • Acer Dual Core Processor, 8 GB RAM, 1 TB HDD – 2 Nos. • TVS MSP 245 Dot Matrix Printer – 2 Nos. • Canon 2900B Laser Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. 6 KVA UPS – 1 No.
CSE	Data Base Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 21 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD – 25 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laser Jet 1020 Printer – 1 No. • Umax Astra 4100 Scanner – 1 Nos. 6 KVA UPS – 2 Nos.
CSE	Design Tools lab	<ul style="list-style-type: none"> • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD – 34 Nos. • HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 7 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020 Printer – 1 No 6 KVA UPS – 1 No.
CSE CSE & AIDS	Research and Development Lab Common Computing Facility - 2	<ul style="list-style-type: none"> • Acer i7 Processor, 16 GB RAM, 2 TB HDD – 2 Nos. • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 34 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. 6 KVA UPS – 2 Nos. 1100 VA UPS – 1 No.
		<ul style="list-style-type: none"> • HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 5 Nos. • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 42 Nos. • Wipro Dual Core Processor, 4 GB RAM, 320 GB HDD – 3 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 19 Nos. • Wipro LQ DX 1050+ Dot Matix Printer – 2 Nos. • Wipro LQ DX GOLD Dot Matix Printer – 2 Nos. • Canon 2900B Laser Printer – 1 No. • TVS HD 755 Dot Matrix Printer – 2 Nos. 6 KVA UPS – 3 Nos.
CSE CSE	M.Tech Lab Operating Systems and Networks Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 42 Nos. • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 10 Nos. • Canon 2900B Laser Printer – 1 No. 6 KVA UPS – 2 Nos.
		<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 32 Systems • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 07 Systems • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No. • Wipro LQ DX Gold – 1 No. • TVS MSP 245 Dot Matrix Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. 6 KVA UPS – 2 Nos.

CSE CSE CSE CSE	Web Technologies Lab Data Structures Lab Open source Technologies Lab Data Base Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 35 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. • 6 KVA UPS – 2 Nos.
		<ul style="list-style-type: none"> • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 38 Nos. • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 2 Nos. • IMS server – 1 No. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020+ Printer – 2 Nos. 6 KVA UPS – 2 Nos.
		<ul style="list-style-type: none"> • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 37 Nos. • Acer Dual Core Processor,8 GB RAM, 1 TB HDD – 2 Nos. • TVS MSP 245 Dot Matrix Printer – 2 Nos. • Canon 2900B Laser Printer – 1 No. • HP Laserjet 1020+ Printer – 1 No. 6 KVA UPS – 1 No.
		<ul style="list-style-type: none"> • Acer Dual Core Processor,4 GB RAM, 500 GB HDD – 21 Nos. • HCL Dual Core Processor,2 GB RAM, 320 GB HDD – 25 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laser Jet 1020 Printer – 1 No. • Umax Astra 4100 Scanner – 1 Nos. 6 KVA UPS – 2 Nos.
CSE	Design Tools lab	<ul style="list-style-type: none"> • HCL Dual Core Processor,2 GB RAM, 320 GB HDD – 34 Nos. • HCL Dual Core Processor,1 GB RAM, 80 GB HDD – 7 Nos. • Wipro Dot Matrix Printer – 2 Nos. • HP Laserjet 1020 Printer – 1 No 6 KVA UPS – 1 No.
CSE	Research and Development Lab	<ul style="list-style-type: none"> • Acer i7 Processor, 16 GB RAM, 2 TB HDD–2 Nos. • Acer i5 Processor, 8 GB RAM, 1 TB HDD–34 Nos. • TVS MSP 245 Dot Matrix Printer – 1 No. • Canon 2900B Laser Printer – 1 No. • 6 KVA UPS – 2 Nos. • 1100 VA UPS – 1 No.
IT	Object Oriented System Lab	1. Computers
		2. Turboc3
		3. JDK 6
		4. Python 3.7.2
		5. Oracle 9I,10G
		6. Umbrello
		7. Weka
		8.Sun Java Wireless Toolkit
		8. Apache
		9. Adobe CS4
		10.Total K7 Security
		11.LCD Projector
		12.Printer
13. Scanner		
IT	Database Data Warehousing Lab	1. Computers
		2. Turboc3
		3. JDK 6
		4. Python 3.7.2
		5. Oracle 9I,10G
		6. Umbrello
		7. Weka
		8.Sun Java Wireless Toolkit
		8. Apache
		9. Adobe CS4
		10.Total K7 Security
		11.LCD Projector
		12.Printer
13. Scanner		

IT	Advanced Programming Lab	1. Computers
		2. Turboc3
		3. JDK 6
		4. Python 3.7.2
		5. Oracle 9I,10G
		6. Umbrello
		7. Weka
		8.Sun Java Wireless Toolkit
		8. Apache
		9. Adobe CS4
		10.Total K7 Security
		11.LCD Projector
		12.Printer
13. Scanner		
IT	IT Biometrics & Research Lab	1. Computers
		2. Turboc3
		3. JDK 6
		4. Python 3.7.2
		5. Oracle 9I,10G
		6. Umbrello
		7. Weka
		8.Sun Java Wireless Toolkit
		8. Apache
		9. Adobe CS4
		10.Total K7 Security
		11.LCD Projector
		12.Printer
		13. Scanner
		14.KIOSKs : 02 NO's
		15.Hostans Systems HCL i3 2.53 GHz processor, 1TB HDD, 21" Touch screen with Biometric and Bar code scanners.
		16. Hamster II FPA NITGEN- 03 NOs
		17. Zebrox cameras – 02 NO's
		18 .IRIS Device (LG) – 01 NO's
		19.Honeywell scanner (1452G, IEE 3300) – 02 NO's
20.Honeywell Barcode Printer – 01 No's		
IOT	IoT Lab	<ul style="list-style-type: none"> • Robotic kits • MSP432 DSP kits. • Neeuro Sense Band kits • Sensehub Booster Pack • CC110L Booster Pack
MBA	Department of Business and Management Studies	<ol style="list-style-type: none"> 1. Preparation of Resume in MS Word. 2. Formatting the text in MS Word. 3. Extracting data from more than one table. 4. Graphical Representation of Data in MS-Excel. 5. Designing a Power Point Presentation by using MS Office. 6. Creating Tables for Various Relations in SQL. 7. Implementing the queries in SQL for insertion, updation and deletion of data. 8. Use of DDL commands for altering tables. 9. Use of DML commands to make changes in the tables. 10. Retrieving of Data by Using Select Command.

BS&H	Engineering Physics	<ol style="list-style-type: none"> 1. Determine the rigidity modulus of given wire-Torsional Pendulum. 2. Determine the coupling constant of Coupled oscillator. 3. Study of normal modes in string using Forced vibrations in rods-Melde's experiment. 4. Determination of lattice constant – lattice dimensions kit. 5. Determine the radius of curvature of plano convex lens-Newton Rings. 6. Determine the thickness of thin object-wedge method. 7. Laser beam divergence and spot size determination. 8. Determination of wave length of source using diffraction grating. 9. Determine the dispersive power of a given material of the prism. 10. Determine the specific rotation of sugar solution by using a Polarimeter. 11. The velocity of Ultrasonic Waves in Water by the Debye-Sears Effect 12. Ultrasonic Interferometer 13. Volume Resonator
BS&H	Engineering Chemistry	<ol style="list-style-type: none"> 1. Practice experiment-Determination of the amount of HCl using standard Na_2CO_3. 2. Determination of alkalinity of a given water sample. 3. Determination of acidity of a given water sample. 4. Determination of total hardness of the water sample by EDTA method. 5. (a) Determination of pH of different water samples by using pH meter. (b) Determination of conductivity of different water samples by digital conductivity meter. 6. Determination of concentration of the given acid by using standard base conductometrically. 7. Construction of an Electro Chemical Cell and determination of emf. 8. Determination of rate of corrosion of carbon steel metal in acid medium in the absence and presence of Thiourea inhibitor by gravimetric method. 9. Preparation of polyaniline. 10. (a) Preparation of Printed Circuit Board by electroless plating. (b) Preparation of Phenol - Formaldehyde resin. 11. Determination of concentration of Ferric Iron in a given solution spectrophotometrically.
English	ELCS Lab	<p>Semister -I Greeting, Introducing and Taking leave Pure Vowels Giving Information and Asking for Information Diphthongs Inviting, Accepting and Declining Invitations Consonants Commands, Instructions and Requests Accent and Rhythm Suggestions and Opinions Intonation</p> <p>Semister -II Body Language Dialogues Presentation Skills Group Discussions Interviews and Telephonic Interviews Debates</p>

• Computing Facilities:

Internet Bandwidth	360 Mbps	
Number and configuration of System	1500	
Total number of system connected by LAN	1500	
Total number of system connected by WAN	1500	
Major software packages available	CE	STAAD.PRO – 500 Users, ARC GIS – 300 Users, Auto CAD2015 – Open Software.
	EEE	Multisim 2001 – 10 Users, CASPOC 2005 – 16 Users, PSCADX4 Academic – 25 Users, ETAP – 10 Users, ML MAT Lab 8.5 – 75 Users, SL Simulink 8.5 – 30 Users, CT Control Systems Tool Box 9.9, PS Sim Power Systems 5.8, SG Signal Processing Tool Box, DS DSP System Tool Box 9.0, SS Simscape 3.13.
	ME	MAT Lab 2018b, ANSYS 19.0, Solid Works 2016, Catia V6, Solid Edge, and Proge CAD Professional.
	ECE	ALDEC-VHDL Ver 4.2, Multisim – 2001, Code Composer Studio, ALTERA VLSI-VHDL FPGA-CPLD Design Lab Tools (Quartus-ii 3.0) Xilinx 6.2i / 6.3i Frontend and Backend Tools and Xilinx 7.11, Xilinx ISE 14.7, MAT Lab 7.4, MAT Lab 8.2, MAT Lab 9.2, Xilinx ISE System Edition 13.1, Mentor graphics, NI Multisim 11.0, NI Multisim 14.0, NI Ultiboard 11.0, NI Ultiboard 14.0 and Lab view 2009, NI Lab View 2018, AMS 12.1, AMS 13.1, Pyxis 10.2, Pyxis 10.3, Calibre 2012.2, Calibre2013.2, Time-it 1.2_1.0, HDL Designer Series 2013.1, Leonardo Spectrum 2013.1, Precision-Synthesis 2014.1, Modelism SE 10.1b, Questasim, Xilinx Vivado System Edition 2016.2, Simulink 8.9, Signal Processing Tool Box 7.4, Image processing Tool Box 10.1, Communication Systems Tool Box 6.4, Embedded Coder 6.12, HDL Coder 3.10, DSP System Tool Box 9.4, Fixed Point Designer 5.4, MAT Lab Coder 3.3, Ansys Academic Teaching HF, HEP-1 Mentor Graphics Frontend Tools.
	CSE	CodeTantra -(Unlimited users) Windows 10 Genuine Keys-(Unlimited users) Windows 8.1 Genuine Keys-(150 Users), NetSim, -(Unlimited users) IBM SPSS MODELER Client - 16.0 (10 Users), SQL Server, Oracle 10g, Oracle 9i (Unlimited users) Office 365 (7000 users)
	IT	Turboc3,Python 3.7.2,JDK 6,ORACLE 10G,9I, UMBRELLO,WEKA Tool Kit,,Sun Java Wireless Tool Kit,, Apache, Adobe CS4 Professional Flash – Open source, Micro soft Visual studio 2008, Mysql, Sql server 2008.
	ENG	Multimedia English Language Lab Software
Special purpose facilities available	<ul style="list-style-type: none"> ➤ AUTOCAD, STAAD PRO and Arc GIS ➤ PMKVY-TI Centre of AICTE to empower unemployed youth with skills leading to gainful employment in suitable private sector. ➤ APSSDC CM Skill Excellence Center (CMSEC) to scale up and increase the number of skilled candidates and placements. <ul style="list-style-type: none"> ○ Programming Lab ○ Dassault Systems 3D Experience Lab ➤ Venture Development Centre (VDC) to start and develop own business startups for students. ➤ APSSDC-ECM: ARC Labs “Indo-Euorpean Skilling Centers for Mechatronics and Industrial Robotics”., ➤ WEL Center, ➤ IT Enabled Lecture Theatre, 	

• Innovation Cell: Established

• Social Media Cell : Established

- **Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments** -----

- **List of facilities available**

Games and Sports Facilities	Available
Extra-Curricular Activities	Available
Soft Skill Development Facilities	Available

- **Teaching Learning Process:**

Curricula and syllabus for each of the programmes as approved by the University	Yes
Academic Calendar of the University/ College	https://gecgudlavalleru.ac.in/academic_calendar
Academic Time Table with the name of the Faculty members handling the Course	Yes
Teaching Load of each Faculty	Yes
Internal Continuous Evaluation System and place	Yes
Student's assessment of Faculty, System in place	Yes

- For each Post Graduate Courses give the following:

Title of the Course	Curricula and Syllabi	Laboratory facilities exclusive to the Post Graduate Course
M.Tech – Structural Engineering (Civil Engineering)	I Semester Advanced Structural Analysis Theory of Elasticity Elective – I <ul style="list-style-type: none"> • Computational Methods in Structural Engineering • Advanced R.C. Design • Experimental Stress Analysis Elective – II <ul style="list-style-type: none"> • Theory of Plates and Shells • Advancements in Concrete Technology • Design of Pre-stressed Concrete Structures Advanced Structural Engineering Lab Advanced Concrete Technology Lab Research Methodology & IPR Audit Course – I Constitution of India	Advanced Concrete Technology Lab <ul style="list-style-type: none"> • VICAT Apparatus • Le-Chat lier Mould • 7.07cm x 7.07cm x 7.07cm cube moulds • Measuring Cylinder • Flakiness Index – Elongention Index • Impact test apparatus & Crushing value test Apparatus • Marsh cone apparatus • Slump cone apparatus • L-Box apparatus • J-Ring apparatus • V-Funnel apparatus • U-Funnel apparatus • Permeability Apparatus • Accelerated Curring tank • Ultra velocity & Rebound hammer Advanced Structural Engineering Lab <ul style="list-style-type: none"> • Ultrasonic pulse Velocity equipment • Profometer/Rebar Locator apparatus • Poroscope Apparatus • RCPT Test Apparatus
	II Semester Finite Element Methods in Structural Engineering Structural Dynamics Elective – III <ul style="list-style-type: none"> • Advanced Design of Steel Structures • Stability of Structures • Design of High-rise structures Elective – IV <ul style="list-style-type: none"> • Design of Bridge Structures • Repairs and Retrofitting of Structures • Ground Improvement Methods Computer Applications in Structural Engineering Lab Structural Design Lab Mini Project with Seminar Audit Course – II English for research paper writing	

<p>M.Tech – Structural Engineering (Civil Engineering)</p>	<p>III Semester Elective – V</p> <ul style="list-style-type: none"> • Earthquake Resistant Design of Structures • Design of Sub-structures • MOOCS <p>Open Elective Dissertation Phase – I</p> <p>IV Semester Dissertation Phase – II</p>	<ul style="list-style-type: none"> • Strain Gauge Apparatus • Water Permeability Test Apparatus • Shake Table Apparatus
<p>M.Tech - Power Electronics & Electric Drives</p>	<p>I Semester Electrical Machine Modeling and Analysis Analysis of Power Electronic Converters</p> <p>Elective – I</p> <ol style="list-style-type: none"> Modern Control Theory Power Quality and Custom Power Devices Programmable Logic Controllers & Applications <p>Elective – II</p> <ol style="list-style-type: none"> Artificial Intelligence Techniques Renewable Energy Technologies HVDC Transmission and Flexible AC Transmission Systems <p>Research Methodology and IPR Power Electronics Simulation Laboratory Power Converters Laboratory Audit Course – 1</p> <p>II Semester Switched Mode Power Conversion Power Electronic Control of Electrical Drives</p> <p>Elective – III Control & Integration of Renewable Energy Systems</p> <ol style="list-style-type: none"> Hybrid Electric Vehicles Digital Control Systems <p>Elective – IV Advanced Digital Signal Processing Applications of Power Converters Microcontrollers Electric Drives Simulation Laboratory Electric Drives Laboratory Mini Project with Seminar Audit Course – 2</p> <p>III Semester Program Elective – V</p> <ol style="list-style-type: none"> Digital Signal Processing Controlled Drives Smart Grid Technologies Modeling & Simulation of Power Electronic Systems <p>Open Elective</p> <ol style="list-style-type: none"> Industrial Safety Energy Audit, Conservation & Management Composite Materials <p>Dissertation Phase - I (to be continued and evaluated next semester)</p> <p>IV Semester Dissertation Phase-II (continued from III semester) Audit course 1 & 2</p> <ol style="list-style-type: none"> 1. English for Research Paper Writing 2. Disaster Management 3. Sanskrit for Technical Knowledge 4. Value Education 5. Constitution of India 6. Pedagogy Studies 7. Stress Management by Yoga 8. Personality Development through Life Enlightenment Skills. 	<ul style="list-style-type: none"> • 3 -Φ AC Voltage Controller On Motor Load. A.3 -Φ AC Voltage Controller Firing Unit • B.3 -Φ AC Voltage Controller Power Device Circuit 430V/5A • C.3-Φ Isolation Transformer 415V/0-220V,415V,1KVA, D.AC Motor 1/2 Hp,3 -Φ, 415V,1500rpm • 3 -Φ Full Converter With R & RL Loads • A. Three -Φ Full Converter Firing Unit • B. Three -Φ Full Converter Power Device Circuit • 3 -Φ Full Converter With Dc Motor Drive • A. Three -Φ Full Converter Firing Unit • B. Three -Φ Full Converter Power Device Circuit • C. Three -Φ Isolation Transformer 415/0-220Volts,415V,1KVA , D. DC Motor 1/2 HP,220V,1500rpm • Four Quadrant Chopper Drive Using DC Motor A. Four Quadrant Chopper Device Module B. DC Motor 1HP,220Volts,1500rpm • Single -Φ IGBT Based PWM Inverter On R& RL Loads • A.Single -Φ IGBT Based PWM Inverter Module 220Volts/2A • B.Dc Power Supply 0-220Volts/2A • 3 -Φ IGBT based PWM Inverter on R & RL load • a) 3 -Φ IGBT based PWM Inverter 220V/2A module , b) DC power supply 0-220V/2A • 3 -Φ SCR based inverter drive for AC motor module 220V/2A • b) AC motor 1/2HP, 3 -Φ, 230V, 1500rpm • Speed controller of 3 -Φ slipring induction motor by static rotor resistance controller • a) static rotor resistance controller, b) 3 -Φ slipring induction motor 440V, 1440rpm. • 3 -Φ PWM pulse generator module • DSP Based V/F Control of Induction motor • 30Mhz Oscilloscope, with Colour LCD • PIC Micro-Controller using SCR's • DSO 50HZ Dual Channel, Scientech 401 • DSO 50HZ Dual Channel, Scientech 401

<p>M.Tech - Machine Design</p>	<p>I-SEM 1. Computational Methods in Engineering 2. Advanced Mechanics of Solids 3. Analysis and Synthesis of Mechanisms 4. Mechanical Vibrations 5. Gear Engineering 6. Professional Elective – I 7. Machine Dynamics Lab</p> <p>II-SEM 1. Research Methodologies 2. Finite Element Methods 3. Design with Advanced Materials 4. Design for Manufacturing and Assembly 5. Professional Elective – II 6. Professional Elective – III 7. Modeling and Analysis Lab 8. Seminar</p> <p>Professional Elective – I 1. Rotor Dynamics 2. Experimental Stress Analysis 3. Product Design</p> <p>Professional Elective - II 1. Fracture Mechanics 2. Condition Monitoring 3. Rapid Tooling and Prototyping</p> <p>Professional Elective - III 1. Theory of Elasticity 2. Geometric Modeling 3. Tribology</p> <p>III-SEM 1. Term Paper 2. Dissertation (Initiated in third semester)</p> <p>IV-SEM 1. Dissertation (Carried out in third & Fourth Semester)</p>	<p>Modeling and Analysis Lab</p>
<p>M.Tech – VLSI Design and Embedded Systems</p>	<p>I Semester Linear and Non-Linear Optimization Techniques Embedded System Design ** Advanced Digital Design Advanced Microcontrollers CMOS VLSI circuits Professional Elective - I i) Testing & Testability of VLSI circuits ii) VLSI Digital Signal Processing iii) Real Time Operating systems iv) EC3910 Embedded Processors VLSI Design Lab</p> <p>II Semester Research Methodologies VLSI System Design ** Hardware and Software Co-Design Internet of Things Professional Elective – II i) ASIC System Design ii) Advances in VLSI Design iii) Embedded Computing Architectures iv) Advanced Computer Networks Professional Elective – III i) System-on-Chip Design ii) VLSI Interconnects iii) RF VLSI design iv) Advanced Digital Signal Processing Internet of Things Lab Seminar</p> <p>III Semester Dissertation (Part-A)</p> <p>IV Semester Dissertation (Part-B)</p>	<p>Mentor Graphics HEP1 & HEP-2, ZED Board - Zynq ARM/FPGA, ARM Development Board, Simulink, Xilinx VIVADO, thing speak, Raspberry Pi board, Acer Desktop Computers</p>

M.Tech – Computer Science and Engineering	<p style="text-align: center;">I Semester</p> <ul style="list-style-type: none"> • Research Methodologies and IPR • Advanced Data Structures and Algorithm Analysis ** • Data Science <p>Professional Elective – I</p> <ol style="list-style-type: none"> i. Digital Image Processing ii. Ad hoc and Sensor Networks iii. Intelligent Systems <p>Professional Elective – II</p> <ol style="list-style-type: none"> i. Internet of Things ii. Principles of Computer Security iii. Distributed Systems <ul style="list-style-type: none"> • Advanced Data Structures and Algorithm Analysis Lab • Data Science Lab • Constitution of India <p style="text-align: center;">II Semester</p> <ul style="list-style-type: none"> • MEAN Stack Technologies • Machine Learning** <p>Professional Elective – III</p> <ol style="list-style-type: none"> i. Blockchain Technology ii. Data Preparation and Analysis iii. Natural Language Processing <p>Professional Elective – IV</p> <ol style="list-style-type: none"> i. Cloud Computing ii. Quantum Computing <ul style="list-style-type: none"> • Digital Forensics • MEAN Stack Technologies Lab • Machine Learning using Python Lab • Mini Project with Seminar • English for Research Paper Writing <p>**Project Based Course</p> <p>III Semester Term paper Dissertation (Initiated in third semester)</p> <p>IV Semester Dissertation (Carried out in third & fourth semesters)</p>	<p>Acer i5 Processor, 8 GB RAM, 500 GB HDD – 42 Nos. Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 10 Nos. Canon 2900B Laser Printer – 1 No. 6 KVA UPS – 2 Nos.</p>
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- Special Purpose

Software, all design tools in case	CE	STAAD.PRO – 500 Users, ARC GIS – 15 Users, Proge CAD 2020, E-TABS
	EEE	Multisim 2001, Caspoc 2005 PSCADX4 Academic, Etap I. ML MATLAB 8.5, II. SL Simulink 8.5 III. CT Control Systems Toolbox 9.9 IV. PS Sim Power Systems 5.8 V. SG Signal processing toolbox 7.0 VI. DS DSP System Toolbox 9.0 VII. SS Simscape 3.13
	ME	MATLAB 2018b ANSYS 19.0 SOLIDWORKS 2016 Catia V6 Solid Edge Proge CAD Professional
	ECE	Lab-view Mentor Graphics Tools(frontend & back end) NI-Multisim
Academic Calendar and frame work		Available in our College Website

16. Enrollment of students in the last 3 years

Program	2020-21	2019-20	2018-19
UG – B.Tech	1168	977	945
PG – M.Tech	15	38	45
PG - MBA	51	90	87

17. List of Research Projects/ Consultancy Works

➤ Number of Projects carried out, funding agency, Grant received

2020-21		2019-20		2018-19	
No.	Amount	No.	Amount	No.	Amount
27	701247	3	2196666	89	16,55,932/-

➤ Publications (if any) out of research in last three years out of masters projects

Branch	List of Publications
	2020-21
CE	<ul style="list-style-type: none"> • Dr. Sophia M: Prosopis juliflora fibre reinforced green building plaster materials—An eco-friendly weed control technique by effective utilization in Environmental Technology & Innovation Vol. 20, (2020), pp. 101158. • G.T.N. Veerendra: Quality monitoring of drinking water with selected parameters using sensor assembly integrated with IoT-A comparative study in International Journal of Grid and Distributed Computing Vol. 13, No. 01, (2020). • Padavala Anjaneya Babu: Mechanical properties of ternary blended mix concrete of fly ash and silica fume, Materials Today: Proceedings, (2021). • C. Rajakumar, G. Reddy babu: Experimental study and neural network modelling of expansive sub grade stabilized with industrial waste by-products and geogrid, Journal of Materials Today: Proceedings, 2020. • Arunchaitanya Sambangi: Fresh and mechanical properties of SCC with fly ash and copper slag as mineral admixtures, Materials Today: Proceedings, 2020. • Dr. G. Reddy Babu: Speculative study on properties of concrete by partial replacement of cement with metakaolin and ornamental quarry dust, International Journal of Research and Technology, Vol. 8, pp. 206-218, 2020. • Dr. Anduri Sreenivasulu: Analysis and design of a shopping mall by using STAAD-Pro software, International Journal of All Research Education and Scientific Methods (IJARESM), Volume 8, pp. 204-210, 2020.
EEE	<ul style="list-style-type: none"> • Butti Dasu, Dr.M.Siva Kumar, R.Srinivasa Rao, “Model Order Reduction Based Power System Stabilizer Design Using Improved Whale Optimization Algorithm”. IETE Journal Research, February-2021 • Suresh Srinivasan, Ramji Tiwari, Murugaperumal Krishnamoorthy, M.Padma Lalitha, K.Kalyan Raj, “Neural network based MPPT control with reconfigured quadratic boost converter for fuel cell application”, International Journal of Hydrogen Energy, volume.46, Issue. 9, pp.6709-6719, February-2021 • B.Mahesh Babu, “Improvement of power quality using shunt active power Filter based on gravitational search algorithm”. i-manager’s Journal on Instrumentation and Control Engineering, Vol.7, Iss.4, pp.26-35, August - October 2020. • B.Mahesh Babu, “DVR Based Power Quality Enhancement Using Adaptive Particle Swarm Optimization (APSO) Technique”. International Journal of Bio-Inspired Computation, Vol. 17, Iss. 3, August - October 2020.

<p style="text-align: center;">EE E</p>	<ul style="list-style-type: none"> • Vijaya Lakshmi A.S.V, Ramalinga Raju Manyala, Sivakumar Mangipudi, “Design of a robust PID-PSS for an uncertain power system with simplified stability conditions”. Protection and Control of Modern Power Systems, pp.1-16,September 2020. • G. Kishor Babu, “A Voltage Controlled Distribution Grids by DSTATCOM”. Journal of Control and Instrumentation Engineering, vol.6, Iss. 2, pp.11-19,May-August, 2020. • Vasu G, Sivakumar M, Ramalinga Raju M, “Optimal IMC -PID Controller Design For Large-Scale Power Systems Via EDE Algorithm-based Model Approximation Method”. Transactions Of the Institute Of Measurement and Control, Vol.43 Iss.1, pp.59-77,June,2020. • Dr.G.Kishor Babu, Dr.Jyothilal Nayak barothu, Dr.B.Madhu Kiran, K.Krishna Kanth, “A Fuzzy Based Six-pulse Modulation for DABCC Converter”. TEST Engineering & Management, vol. 83, Iss.3, pp. 18462-18467,May, 2020. • Dr.B.Madhu Kiran, Dr.G.Kishor Babu, Dr.Jyothilal Nayak barothu, G.Phani Babu,” A Fuzzy Based Transformer less Inverter for Reactive Power Control in Grid-Tied PV System”. TEST Engineering & Management, vol. 83, Iss. 3, pp.11353-11358,May, 2020.
<p style="text-align: center;">ME</p>	<ul style="list-style-type: none"> • Prabhakara Rao Ganji, Parametric Optimization of Direct Injection CI Engine to Improve Combustion Characteristics, Environmental Progress & Sustainable Energy, March, 2021 ISSN: 1944-7450 • P. N. S. Srinivas, Ravindra Babu. P, Material characterization and optimization of CNT-reinforced aluminum (AA7075) functionally graded material processed by ultrasonic cavitation, Functional composites and structures, Vol. 2, Issue 4, ISSN: 2631-6331 • K. Ch. Kishor Kumar, Experimental investigation on effect of nano lubrication in a VCR system using R410a refrigerant with Al₂O₃ nano particles, International Journal of Mechanical and Production Engineering Research and Development, Vol. 10 Issue 3 , pg. 1761-1768, ISSN (P): 2249–6890 • Dittakavi Tarun, Selection of Natural Fiber Reinforced Composites for Wind Turbine Blades, Strad Research, Vol. 7 Issue 10, ISSN:0039-2049 • Dittakavi Tarun, Design and Analysis of Composite Leaf Spring, Journal of Manufacturing Engineering, Vol. 15 Issue 3, ISSN:0973-6867 • Jawahar Babu, Tailoring ZE41 Mg Alloy by Friction Stir processing for biomedical applicaitons: Role of microstructure on the degradation and mechanical behavior in simulated body fluids, Transactions of Indian Institute of Metals, Vol. 73, pg. 2889–2899, September, 2020, ISSN: 0019493X • J. A. Ranga Babu, P. Satyanarayana, Performance Evaluation Of Minichannel Heat Sink Using Different Nanofluids, International Journal of Mechanical and Production Engineering Research and Development, Vol. 10, Special issue, ISSN(P): 2249–6890; ISSN(E): 2249–8001 • N. Premdasu, M. R. Ch. Sastry, Improvement in heat transfer rate of a pipe using various types of inserts, American Institute of Physics(AIP)conference proceedings, December, 2020, Vol. 2311, Issue 1 ISSN 1551-7616 (Online) • M. Naveen, B. V. S. Raghu Vamsi, M. R. Ch. Sastry, T. Siva Krishna, Simulation studies of heat transfer by natural convection from an isothermal rectangular cylinder using ANSYS FluentTheoretical, computational and experimental solutions to Thermo-fluid systems, Lecture notes in Mechanical Engineering, Springer nature, Chapter-9, pp. 81-92, 2021, ISSN:2195-4356

<p>EC E</p>	<ol style="list-style-type: none"> 1. Abdul Sofia Sultana, K.Naga Prakash," Color Texture Analysis with NNC for Detection of Spoofing Face and Liveness Face in Biometrics", International Journal for Interdisciplinary Sciences and Engineering Applications, ISSN-2582-6379, volume-1, issue-3, pp:1-19, November 2020. 2. L Krishna Karthisha, Reema Mathew, Dr. Shubhashisa Sahoo, Dr. Y Rama Krishna,"ContikiMAC for Wireless Sensor Network Monitoring Application", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), 15(5), 2020:01-06.
<p>CSE</p>	<ol style="list-style-type: none"> 1. Dr. S. Narayana, "Virtualization: Efficient Utilization of Resources", The International journal of analytical and experimental modal analysis, ISSN No:0886-9367, July 2020, Impact factor:5.75. 2. Mrs. D. Ragavamsi ,A. Sowmya Priya, CH. Revathi, B. Sushma Parvathi, V. Rajesh," Smart Security using Image Recognition", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, July 2020,Impact Factor:7.429. 3. Mr.K. Amruta Sagar ,B. Renu Kota Naga Lakshmi Syamala , A. Nikhila , G. Tarun Balaji , G. Vidya Sagar ," Attendance Management System using Face Recognition", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653,Volume 8 ,Issue VII, July 2020,Impact Factor:7.429. 4. Mr.T. BalaKrishna ,P.Ajay, M.Pranati, M.Ajay, P.Reena, "Prediction Of Student Performance Using Random Forest Classification Technique", International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 08e-ISSN: 2395-0056,p-ISSN: 2395-0072, August 2020,Impact Factor:7.529. 5. Mr. K. Ashok Reddy , N.Sandhya, M. Grace Angel,M. Somanath, M. Abishek Sundar, "Crop Leaf Disease Prediction", The International Journal of analytical and experimental modal analysis, ISSN NO:0886-9367,Volume XII, Issue VIII,Page No:1706, August 2020, Impact Factor: 5.75. 6. Dr. A. Jagadeeswara Rao, K.Teja Sree, G. Sai Ram, K. Vasmini, K. Ravi Sekhar," Intracranial Hemorrhage Detection", Journal of Information and Computational Science, ISSN: 1548-7741, 2020, SJR:0.122. 7. Dr.A. Jagadeeswara Rao, V. Vijayanti, S. Vinod, V. Tushara and A. Bramhendra Reddy," Random Forest Based ECG Classification", Journal of Information and Computational Science, ISSN: 1548-7741, 2020, SJR:0.122. 8. Dr.B.Srinivas Rao, Dr. K. Srinivas , " Medical Image Enhancement using PCA-based NSCT Fusion Methodology", European Journal of Molecular and Clinical Medicine, Volume No.7, Issue No.11, ISSN: 2515-8260, 2020, SJR:0.15. (Scopus). 9. Dr. Abinaya.R, Mrs. Aditya.Y, Dr. Bala Brahmeswara Kadaru, "Automated classification of Oral Squamous cell carcinoma stages detection using Deep Learning Techniques", European Journal of Molecular and Clinical Medicine, Volume No.7, Issue No.4, ISSN: 2515-8260, 2020, SJR:0.15. (Scopus). 10. Dr.Abinaya R, Mr. Lakshmana Phaneendra Maguluri, Dr. S.Narayana , Ms. Maganti Syamala, "A Novel Biometric Approach for Facial Image Recognition using Deep Learning Techniques" , International Journal of Advanced Trends in Computer Science and Engineering, Volume No.9, Issue No.5, ISSN: 2278-3091, September-October 2020, SJR:0.132. (Scopus). 11. DNVSLS Indira, Kalyanapu Srinivas , Kavitha Chaduvula, J N V R Swarup Kumar, "Count of Equivalent Pixel (CEP): A Novel Algorithm to Extract Most Relevant Images from the Medical Image Database", European Journal of Molecular and Clinical Medicine, Volume No.7, Issue No.9, ISSN: 2515-8260, 2020, SJR:0.15. (Scopus). 12. Mr. K. Kranthi Kumar, Dr. Kavitha Chaduvula, Dr. Babu Rao Markapudi, "A Detailed Survey On Feature Extraction Techniques In Image Processing For Medical Image Analysis", European Journal of Molecular and Clinical Medicine, Volume No.7, Issue No.10, ISSN: 2515-8260, , 2020, SJR:0.15. (Scopus).

	<p>13. Mrs. N. Rajeswari, Dr. G. V. S. N. R. V. Prasad, “Runtime Based Recommendations on Netflix Data using SBE-XGBoost model”, Solid State Technology, ISSN: 0038-111X, Volume: 63 Issue: 4, 2020. (Scopus).</p> <p>14. Mrs. N. Rajeswari, Dr. G. V. S. N. R. V. Prasad, “An Advanced Neighbourhood approach of recommending movies on Netflix data by the combination of KNN and XGBoost”, Journal of Critical Reviews, ISSN- 2394-5125, volume No 7, Issue 12, 2020. (Scopus).</p> <p>15. Ms. T. Hema Latha, Dr. Kavitha Chaduvula, Dr. Babu Rao Markapudi, “A Review on Facemask Detector using Machine Learning and Image Processing Techniques”, Journal of the Maharaja Sayajirao University of Baroda, ISSN : 0025-0422, Volume-55, No.1, 2021.</p> <p>16. Dr. K. Srinivas, “A New Video watermarking using redundant discrete wavelet in singular value decomposition domain with multi-objective optimization”, Concurrency and Computation Practice and Experience, Online ISSN:1532-0634, Volume 33, Issue 6, 2021, Impact Factor: 1.447. (SCI).</p> <p>17. Dr. M. Ravi Sankar, “Advanced machine learning based approach for prediction of skin cancer”, Materials Today: Proceedings, ISSN:2214-7853, 2021. (Elsevier).</p> <p>18. Dr. M. Ravi Sankar, “A novel RSS based light weight digital certificate and key generation scheme for coherent communication of IoT devices”, Materials Today: Proceedings, ISSN:2214-7853, 2021. (Elsevier).</p> <p>19. 19. Dr. R. Abinaya, “Soft biometric based keystroke classification using PSO optimized neural network”, Materials Today: Proceedings, ISSN:2214-7853, 2021. (Elsevier).</p>
IT	<ul style="list-style-type: none"> ➤ DNVSLS Indira, ” Assessment of Patient Health Condition based on Speech Emotion Recognition (SER) using Deep Learning Algorithms”, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260, Volume 7, Issue 4, 2020, Page no:1135-1147. ➤ D.N.V.S.L.S. Indira,” Automatic Text Summarization using Extractive Techniques and Attribute Tagger Algorithm”, International Journal of Future Generation Communication and Networking, Vol. 13, No. 04, 2020, page no:1329-1337. ➤ DNVSLS Indira , Kalyanapu Srinivas , Kavitha Chaduvula , J N V R Swarup Kumar,” Count of Equivalent Pixel (CEP): A Novel Algorithm to Extract Most Relevant Images from the Medical Image Database”, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 ,Volume 07, Issue 3, 2020. ➤ Y.K.Viswanadham, “FIRE FIGHTING ROBOT”, The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VII, July 2020, impact factor:6.3. ➤ Puppala Naga Sravanthi, Battina Srinivaskumar, Dr.S.G.Santhi,” Boosting Of Energy-Efficiency In IoT Devices”, Journal of Xidian University, ISSN No:1001-2400, VOLUME 14, ISSUE 7, July 2020, Page no:604-607. ➤ Mikkili Dileep Kumar, Dr. K V Ramana,” Left Ventricle of Cardiovascular Image Segmentation Using T-Segnet Hybrid And Extended Buffalo Optimization”, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260, Volume 07, Issue 8, August, 2020,Page no:2325-2334. ➤ Mikkili Dileep Kumar, K.V.Ramana, ” Cardiovascular Disease Prognosis and Severity Analysis Using Hybrid Heuristic Methods”, Multimedia Tools and Applications, Springer, Oct 2020, ISSN: 1380-7501, PNO:1-29. ➤ K. Kranthi Kumar, Kavitha Chaduvula , Babu Rao Markapudi, ” A Detailed Survey On Feature Extraction Techniques In Image Processing For Medical Image Analysis”, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260, Volume 07, Issue 10, October 2020,Page no:2275-2284. ➤ B. Srinivasu Kumar, “Wireless Sensor Network and IoT-Based Systems for Healthcare Application”, Solid State Technology, Vol. 63 No. 6 (Dec 2020), ISSN: 0038-111X. ➤ K. Kranthi Kumar, E. Ramaraj, P. Geetha, B. Srikanth “A Study on Evolving Technologies for Covid-19 contact Tracking”, Solid State Technology, Vol. 63 No. 5 (Dec 2020), ISSN: 0038-111X.

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18. Sri G. Karuna Kumar, "Application of WPCA and CQL methods in the optimization of multiple responses", Materials Today: Proceedings, Vol. (00), 2018 (*Accepted for publication*)
19. Dr. J. A. Ranga Babu, "Performance and emission analysis of diesel engine with design modifications on piston crown", International Journal of Ambient Energy, Taylor and Francis, October, 2018
20. Sri L. Ramesh, "Damage detection in structural beams using model strain energy method and wavelet transform approach", Materials Today: Proceedings Volume 5, Issue 5, Part 2, 2018, Pages 19565-19575.
21. Dr. B. Karuna Kumar, "Coordinated Two-Echelon Inventory Model for Optimal Inventory and Shipment Decisions under Exponential Price Dependent Demand", Materials Today: Proceedings Volume 5, Issue 5, Part 2, 2018, Pages 12356-12367
22. Sri Kiran Prasad D, "Universal weight function approach to determine stress intensity factors at blade mounting locations in steam turbine rotor system", International Review of Mechanical Engineering, Vol. 6 (*Scopus Indexed Journal*)
23. Dr. A. Jawahar Babu, "Optimization of Helical Spring Weight using Metaheuristic Algorithms", Volume 5, Issue 2, Trends in Machine Design (STM Journals), ISSN: 2455-3352, pp. 21 – 28
24. Sri Nagaraju Tenali, "An Investigation of Mechanical and Metallurgical Properties of Aluminium-6063 alloy Friction Stir Weld", International Journal for Scientific Research & Development| Vol. 6, Issue 05, 2018, pp. 661 - 663, ISSN: 2321-0613.
25. Sri B.V.S. Raghu Vamsi, Dr. P. Nageswara Reddy, "Studies on the Effect of CTOD (Crack Tip Opening Displacement) on the Stress Triaxiality under Mixed Mode Fracture (I/II) in Plane Strain Condition", International Journal for Scientific Research & Development| Vol. 6, Issue 05, 2018, pp. 351-360, ISSN: 2321-0613.

ECE	<ol style="list-style-type: none"> 3. K.Hemalatha, "Design and analysis of 15:4 compressor", International Journal of Engineering Research & Application ISSN: 2248-9622, Vol.8, Issue 10 (part- v) Oct 2018, pp: 19-23 4. Ramya, V.V.K.D.V.Prasad, M.V. Srikanth "A Novel Method of using Cross Bilateral Filter and Particle Swarm Optimization", IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering, Bhubaneswar, July 27-28, 2018 5. M.Lokesh Chowdary, A.Mallaiah, A.Jayalakshmi, "Design of wallace tree multiplier using sparse koggstone and brent kung adder", Innovations in Electronics and Communication Engineering, Springer link, pp 195-203, August 2018. 6. Vemulapalli Muralikrishna, T.S.R. Krishna Prasad, "Universal Steganalysis Towards Higher Detection Accuracy" International Journal Of Electronics Engineering (Issn:0973-7383), Volume 10 , Issue 2, pp. 241-247, June -Dec 2018. Impact Factor:5.1 7. D.Nagaprasad, B.Rajasekhar, "FPGA-Based Low-power Emotion Recognition with Recurrent Neural Networks", International Journal Of Electronics Engineering (Issn: 0973-7383), Volume 10 , Issue 2, pp. 241-247, June -Dec 2018. Impact Factor:5.1 8. G. Kiran Sowmya and Y. Ramakrishna, "Development of Local Ternary Patterns for Content Based Image Retrieval", International Journal of Electronics and Communication Engineering, Vol. 11, No. 1, 2018, pp. 23 - 30. ISSN 0974-2166. 9. Y.Mamillu, Y.Sri chakrapani, M.Kamaraju, "FPGA implementation of integral image generator in SURF detector", International journal of Electronics Engineering, ISSN:0973-7383, VOL.10,ISSUE.2,pp:233-240,June-Dec 2018. Impact Factor:5.1 10. K.Mounika, Ch.Rambabu, V.V.K.D.V Prasad, "Improving the network lifetime of wireless sensor network using MADOV protocol with LEACH algorithm", International journal of Computer sciences and Engineering(JCSE), e-issn:2347-2693, VOL.6,ISSUE.6,June-2018, Impact Factor:3.022,H-INDEX:9 11. K.Bhavana and A.V.N.Tilak, "Ultralow-power and secure IoT for biomedical applications", International Journal of Engineering Research and Applications. Vol. 8, No.10, Part-III. Oct. 2018, Impact Factor:5.179 12. Dr.K.N.Prakash, B.Durga Bhavani "NON UNIFORM MOTION Blur for face recognition", IOSR Journal of engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 08, Issue 6 (June. 2018), V (IV) PP 46-52. 13. S.Pallavi, T.Venkata Lakshmi, M. Kamaraju, "Implementation and comparative analysis of Carry Select Adder using Kogge-Stone Adder in Adiabatic logic" Journal of Engineering Research and Application, UGC approved Journal Research article, ISSN : 2248-9622, Vol. 8, Issue 6 (Part - III) June 2018, pp 22-26.
CSE	<ol style="list-style-type: none"> 1. Mr. J.N.V.R. Swarup Kumar, "Smart City Concept Based on the Internet of Things Using Cloud Data Analytics", Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943-023X, Page No: 1783-1789, June 2018. SJR 0.11. (Scopus). 2. Dr. A. Jagadeeswara Rao, Dr.S. Narayana, Dr. K. Srinivas," Deep Learning Networks For ECC Heartbeat Arrhythmia Detection in Telemedicine", International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Vol.X, Issue No.X, December,2018,Impact Factor:3.12. (Scopus). 3. Mrs.N.Rajeswari, Dr.G.V.S.N.R.V Prasad, "A Review Analysis on Recommendation System", Journal of Advanced Research in Dynamical & Control Systems (JARDCS), Volume:11, 02-Special Issue, March 2019. (Scopus). 4. Mrs.Y.Adilakshmi, Dr.G.V.S.N.R.V Prasad, "Trust Aware Intrusion Detection System to Defend Attacks in Manets", International Journal of Innovative Technology and Exploring Engineering(IJITEE) ISSN: 2278 – 3075,Volume:8, Issue No.6, April 2019. 5. Dr. S. Jayaprada, Dr.A.Jagadeeswara Rao," Crop Yield Prediction Using Adaptive Techniques" International Journal of Advance Engineering and Research Development, ISSN: 2348-4470 Vol. 6, Issue-5, May, 2019, Impact Factor:5.71. 6. Dr. K. Srinivas, Mr. K.Bhaskar," Segmentation of MR Brain Images using Unified Iterative Partitioned Fuzzy Clustering", International Journal of Recent Technology and Engineering (IJRTE), Volume No.8, Issue No.1, ISSN: 2277 – 3878, May 2019. Impact Factor: 5.92 . (Scopus).

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MBA	<p>1. Mr. M. Vinod and Mr.T. Hemanth Kumar: “Challenges of Recruitment and Selection in Indian Healthcare Industry” International Journal for Research in Engineering Application and Management (IJREAM), Vol.4, Issue – 5, August 2018, ISSN 2454-9150.</p> <p>2. Mr. G. Kamal and Prof. T. Umamaheswara Rao: “Role of Self Help Groups in Empowering Women in Marine Fishing Community” Journal of Emerging Technologies and Innovative Research (JETIR) – Vol.5 Issue – 9, September 2018.</p> <p>3. Mr. K. Prudhvi Raj: “Consumer Awareness and Perceptions on Store Brands of Food and Grocery Segment in Indian Retail Market – A Study in Vijayawada City, Andhra Pradesh ” International Journal of Management Technology and Engineering (IJMTE) – Vol IX, Issue IV, April 2019, ISSN – 2249-7455.</p> <p>4. Mr. K. Prudhvi Raj: “An Empirical Study on Factors Influencing Consumer Behaviour in Selection of an Organised Retail Store” Pramana Research Journal (PRJ) – Vol IX, Issue V, May 2019, ISSN – 2249-2976.</p>

➤ Industry Linkage

- **New Leaf Engineering Private Limited, Bangalore:** Enhancing skills of aspirants/students through internship and HYPERWORKS technical trainings.Faculty development programmes. Design, develop and deliver programs ensuring required quality in Trainings in Mechanical and other branch domain, which in turn will lead to best industry lead courses as per the industry requirements.
- **Central Institute of Plastics Engineering and Technology (CIPET), Vijayawada:** Training of faculty and staff of Gudlavalleru Engineering, College in M/s. CIPET, Vijayawada
- **Better Castings Pvt. Ltd., Vijayawada:** to technical training in the field of Foundry and Project Execution for Students.
- **Brilliant Technologies, Hyderabad:** to training on Auto CAD & CATIA Technologies to the students of the college with Project Assistance and delivery of guest lectures.
- **APSSDC Dassault Systems 3D Experience Centre:** to train the students in the areas of CATIA, DELMIA and SIMULIA
- **Indo-European Skillng Centre for Mechatronics and Industrial Robotics:** to train the students in the fields of Mechatronics & Industrial Robotics

Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
M.Tech project work	Structural Designs manually & using STAAD.Pro Software	Smart Bridge Educational Services Pvt.Ltd, Plot No 132, Above DCB Bank,2 nd Floor, Bapuji Nagar, Nacharam Main Road , Hyderabad-500076 +91 9676938853	29/4/2020 to 10/6/2020	54

Faculty Training	Manual Design of Foundations, Estimation & Costing, RCC Detailing, Construction Practice & Retrofitting	Lsb Temerity Infra Pvt. Ltd. Eureka Court Complex, Flat no. B9, 3rd Floor, Above KS Bakers, beside Bata showroom, Nagarjuna Nagar colony, Yella Reddy Guda, Hyderabad, Telangana 500016	08/6/2020 to 10/7/2020	130
M.Tech project work	ContikiMAC for WSN monitoring application	Centre for Artificial Intelligence and Robotics, DRDO Complex, C V Raman Nagar, Bangalore – 560093. Ph:080-2524 4288 Ext: 4293	22 nd July 2019 to 20 th May 2020	Loya Krishna Kartisha 18481D5505
Faculty Training	Advance Technology program on AI/ML using Python	Wipro Ltd., Electronic City, Banglore-560100. <u>Tel:080 30292929,080 39155000,080 28440011</u>	5 th Feb 2020 to 7 th Feb 2020 to	K.Hareesh Kumar
Faculty Training	InfyTQ Based Foundation Program	Infosys Campus Connect, No. 350, Hebbal Electronics City, Hootagalli, Mysuru, Karnataka 570027.	6 th May 2019 to 13 th May 2019	T. Balakrishna
Faculty Training	Advance Technology program on Big Data	Wipro Ltd., Electronic City, Banglore-560100. <u>Tel:080 30292929,080 39155000,080 28440011.</u>	16 th Nov 2020 to 20 th Nov 2020	K. Hareesh Kumar

MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
National Highways Authority of India (NHAI)	28-7-2020	Work together with mutual cooperation for dissemination of respective expertise in Civil/Highway engineering filed through the road infrastructure development.	Deputed 3 students from III.B.Tech.
Code Tantra, Hyderabad	24 th November 2018	Training Classes for faculty, students and provide software based on programming languages like C,C++, JAVA etc.	II & III B.Tech Students

Germany Center for Engineering and Management Studies UG Aachen, European Center for Mechatronics APS GmbH Aachen	15 th February 2019	Provides international research, training, academic programs and establish Advanced Robotic Labs.	No. of Faculty - 2
Texas Instruments /EdGate Technologies Pvt. Ltd., Bangalore	27/9/2019	Provides Texas Instruments (TI) India University Program which consists of curriculum, Lab setup, FDP, Workshops/Events, Training Programs, TI Lab Engagement Program.	40 students, 10 faculty
BSNL, Vijayawada Telecom District	16/7/2019	Provides In-plant/Internship/Industrial training classes to students.	93 students
SmartBridge Educational Services Pvt. Ltd., Hyderabad (SmartBridge)	17 th April 2019	Provides training on the emerging technologies and they will build solutions to the problem statements provided by the industry.	21 (Faculty FDP)

A. Invited Lectures and/ workshops by industry experts:

Academic Year: 2020-21

CE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	Dr S Mohan, Institute Chair Professor, Environmental and water Resources Engineering Division, Department of Civil Engineering, Indian Institute of Technology Madras(IITM), Chennai	Civil Engineering	170	Modelling Groundwater Control for Construction Dewatering	15-06-2020
2	Dr D Neelima Satyam, Associate Professor & Head, Department of Civil Engineering, Indian Institute of Technology Indore, Madhya Pradesh	Civil Engineering	170	Landslide Hazard and Monitoring	02-07-2020
3	Mr Mohan Ramanathan, Managing Director, Advanced Construction Technologies, Chennai	Civil Engineering	170	Excavator Based Technologies in Ground Engineering	14-07-2020
4	Dr D L Shah, Retired Professor, M.S. University of Baroda, Vadodara, Gujarat.	Civil Engineering	170	Grouting Technology for Civil Engineering Applications	11-12-2020

EEE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	L.Nanda Kishore, Deputy Manager, BHEL Electronics Division, Bangalore	Electrical Engineering	365	Latest Technological Insights In Solar Energy	15-09-2020
2	A Team from "Apply Volt"	Electrical Engineering	145	"Internet of Things"	29-01-2021 to 30-01- 2021

ME

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	Sri Ganti Subba Rao, Category IV, Vibration Analysist, Trainer & Consultant-Rotating Equipment Vibration Analysis, Rajahmundry	Condition Monitoring	70	Application of Condition Monitoring in Industries	24 th - 27 th January, 2021

ECE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	Er.P.Madhu	Mad Blocks, Hyderabad	240	AI /ML Applications using Python Programming	4 th -5 th February 2021
2	Er. T.Tarak Ram	Tarak Group of Industries, Hyderabad	470	Digital Marketing in india	30 th January 2021
3	V.Govinda Rao	Microlink Pvt. Ltd	253	PCB Design	20 th November 2020
4	Er. P.Kalee Prasad	Doordharshan Vijayawada	550	Virtual Reality Technology	19 th September 2020
5	Er.K.Lalesh	APSSC, Vijayawada	130	Fundamentals of Drone Technology	27 th August to 1 st September 2020
6	Er.D.Sai Satish	Indian Servers Vijayawada	480	Cyber Security	24 th August 2020

CSE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
CSE					
1.	Mr.K.S.Harsha, Data Science analyst, DWBI technologies,Hyderabad	Google Cloud platform	208	Online Workshop on "Google Cloud platform"	04 th -08 th January 2021
2.	Gopikrishna Neelapala A.P.S.S.D.C Mentor	Amazon web services	169	Work shop on "AWS program on Amazon basics"	29 st to 31 st December 2020
3.	Dr.K.Venkateswara rao Assistant professor of CSE,NIT WARANGAL	Deep learning	253	Guest lecture on "Introduction to Deep learning"	30 th December 2020
4.	Gopikrishna Neelapala A.P.S.S.D.C Mentor	Amazon web services	145	Work shop on "AWS program on Amazon alexa"	21 st to 26 th December 2020
5.	B.Mastan vali Sai Shankar A.P.S.S.D.C Mentors	Andriod application	30	Online training program on "Android application development"	3 rd to 19 th August 2020

IT

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	D.Sai satis, Founder & CEO of Indian Servers	Cyber Security	125	Digital Forensics	21 st to 23 rd December 2020
2	Ch. Rama Krishna, Technical Skill Trainer by APSSDC	Amzon Services	128	Amzon Alexa	14 th to 19 th December 2020
3	Dr.K.venkateswara Rao of NIT, Warangal	Introduction to Deep Learning	120	Deep Learning	30 th December 2020

Academic Year :2019-20**CE**

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	Er. J.V.Bharani Prasad, Chief Engineer- Marine, Supura Kencana Offshore, Malaysia	Civil Engineering	160	Talk On Life Skills	21 st August,2019
2.	Dr.S.R.K.Reddy	Civil Engineering	180	Smart Cities – Their response against Natural Hazards	27 th July,2019
3.	Dr. P. Kodanda Rama Rao	Civil Engineering	180	Fundamentals of Strength of Materials	3 rd August, 2019
4.	APSSDC trainers	Civil Engineering	180	Engineering Orientation Programme	30 th Dec, 2018 to 6 th Jan 2019.
5.	Dr.Mohana Krishna Reddy Mudiam, Principal Scientist & Associate Professor(AcSIR), CSIR-IICT	Civil Engineering	172	Environmental Monitoring: Role of Analytical Techniques & Methods	16 th March 2019.
6.	Dr. K. Suryanarayana, Consultant, KMV Projects Ltd, Hyderabad.	Civil Engineering	180	Civil Engineering- Prospects	14 th March 2019.
7.	Prof.M.Jagapathi Raju & Prof.P.Phani Kumar, Professor, Civil Engineering Department, S.R.K.R. Engineering College, Bhimavaram, Dr.A.Srinivasulu, Associate Professor, PVPSIT, Vijayawada	Civil Engineering	180	Poster presentation” and “Innovation challenge”	21 st Feb 2019
8.	Sri.P.Bhaskara,I.A.S, Director Social Welfare Department	Civil Engineering	180	Engineer and Society	27 th Feb 2019
9.	Ms. Satagopam Padma Tejaswi, Ph.D Student, NIT Warangal	Civil Engineering	180	Carrier & Research Opportunities	27 th Feb 2019
10.	Technical team of Access Computer Education	Civil Engineering	180	Civil Engineering Software’s	28 th January, 2020
11.	Dr.SubaraoPichuka, Department of Civil Engineering, NIT, A.P	Civil Engineering	180	A Overview on Inter Linking of Rivers	15 th February, 2020

12.	Prof.(Dr.). C.R.K.Reddy, Professor&HoD, KHIT, Guntur	Civil Engineering	120	EFFECTS OF SOIL STRUCTURE ON STRUCTURES AGAINST STATIC AND DYNAMICLOADS	3 rd February to 8 th February, 2020.
13	Prof(Dr.). Pradeep Kumar Ramanacharla, Professor &Registrar,IIIT,Hyd	Civil Engineering			
14	Sri Prasad. C, Director, METEY Engineering & Consultancy Pvt, Ltd, Hyd	Civil Engineering			
15	Prof.(Dr.) S.R.K. Reddy, Sr. professor, Civil Engineering Department, G.E.C	Civil Engineering			
16	Prof.(Dr.) P.Kodanda Rama Rao Professor and HOD of Civil Engineering Department,G.E.C	Civil Engineering			
17	Sri. PhaniKumar.V, Sr. Grade Assistant Professor of Civil Engineering Department, G.E.C.	Civil Engineering			
18	Dr. S.R.K.Reddy, Professor of Civil Engineering	Civil Engineering	130	KEYNOTE Presentation at International Conference on Recent Challenges in Science, Engineering & technology	28 th -29 th February, 2020

EEE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	Er.M.Durga Prasad,Rtd, Chief Engineer, APSEB, Vijayawada.	Adjunct faculty program	166	Theoretical and practical aspects of Transformers	17-10-2019 To 18-10-2019
2	Shri. Shanmugam, Chairman SAE India Sothern Section and Director Design Desk India Pvt Ltd	Guest lecture on	121	Electric Vehicle Technology	25-09-2019
3	Er.M.Durga Prasad,Rtd, Chief Engineer, APSEB, Vijayawada.	Adjunct faculty program	181	Advancements in Power System Operation and Control	07-09-2019 And 09-09-2019
4	Er.M.Durga Prasad,Rtd, Chief Engineer, APSEB, Vijayawada.	Adjunct faculty program	181	Advancements in Power System protection Of Power System	19-08-2019 To 20-08-2019
5	APSSDC Team	Work Shop	166	PCB Design	18-08-2019 To 20-08-2019
6	APSSDC Team	Work Shop	181	Fundamentals of PLC Phase I	18-07-2019 To 20-07-2019

ME

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	Mr. Ashish Kumar Sah, Research Engineer, DCyborg India, Training Centre, Chennai	Mechtronics/ Instrumentation	42	Two Day Hands on Training on "ARDUINO"	24 th and 25 th February, 2020

2	Sri Ganti Subba Rao, Category IV, Vibration Analyst, Trainer & Consultant-Rotating Equipment Vibration Analysis, Rajahmundry	Condition Monitoring	186	Condition Monitoring of Industrial Rotating Equipment	22 nd January, 2020
3	Sri Harshavardhan Erra, Co-Founder and CEO, Peepal Waste Managers, Hyderabad	Non-Conventional Sources of Energy	186	Design of Bio Digesters	21 st September, 2019
4	Mr. Ch. Ganesh, CAD Engineer, 3D CAD Solutions, Hyderabad, Mr. V. Sreeram Santosh, Founder, Auto Pulse, Hyderabad, Mr. Joshit Paruchuru, Trainee, Vijayawada	Design	80	Design and Development of e-Cycle	4 th and 5 th September, 2019
5	Ms. Ch. Srividya, Ms. P. Indu Priyanka and Ms. K. Keerthi, Andhra Pradesh State Skill Development Corporation (APSSDC)	Computer Programming	367	Introduction to Python	19 th to 21 st August, 2019
6	Sri B. Vinay Mohan Joint President (O), <i>Rashtriya Metal Industries Ltd</i> , Gujarat	Production	186	Metal Forming and Industrial Expectations	27 th July, 2019

ECE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	V.Govinda Rao	Microlink Pvt. Ltd	240	PCB Design	2-3 January 2019
2	V.Govinda Rao	Microlink Pvt. Ltd	240	IoT	4-5 January 2019
3	Robokart Team	Robokart Private Limited, Mumbai	101	Drones	18-19 January 2019
4	Times Academy Team	Times Academy, Hyderabad	240	Higher Studies	19 February 2019
5	Sai Satish	CEO, Indian Servers	100	Ethical Hacking and Cyber Security	7-8 March 2019
6	Robokart Team	Robokart Private Limited, Mumbai	94	Making of Electronic Circuits	16 March 2019
7	Er.P.Madhu	ORL Industries, Hyderabad	105	Python Programming with IoT Applications	18-19 March, 2019
8	M.Venkatesh	Airport Authority of India, Gannavaram	240	Aeronautical Navigational	29 March 2019
9	T.S.Balaji	Embedded System Engineer, Edgate Technologies Pvt. Ltd.	35	Embedded System Design using Advanced TI tools	14-16 October 2019
10	Er.Bhavani Shankar	Efftronics, Vijayawada	253	Electronic Devices	03 August 2019

11	Er. B.Sambi Reddy	Chief Engineer of Efftronics Systems Private Limited, Vijayawada	35(faculty)	Industry 4.0 and Internet of Things	4 th February 2019
12	Er.T.S.Balaji	Embedded System Engineer, Edgate Technologies Pvt. Ltd.	20(faculty)	Advanced Development Tools Based IoT	11 th to 13 th November 2019
13	M.Mohamed Pharsath	Application Engineer at Opti Thought	15(faculty)	Data Acquisition and RT using LAB VIEW	25 th to 30 th November 2019
14	V.Govinda Rao	Microlink Pvt. Ltd	121	Eveloping of Electronic Circuits	5 th March 2020

CSE

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
CSE					
1	P. Krishna Reddy Professor, IIIT Hyderabad Telangana.	Experiences of building IT-Based Systems	180	Guest lecture on “Experiences of building IT-Based Systems to Deliver Actionable Agricultural Information to Indian Farmers”	7 th March 2020
2	A.P.S.S.D.C Mentors	Amazon web services	240	Training program on “Amazon web services”	3 rd to 7 th February 2020
3	Team members from Smart Bridge educational services Pvt.Ltd 1.Vishnu Varma 2.N.Vinay Kumar 3. Ram Mohan 4. Gana	Learnathon on RPA	290	Learnathon on RPA	11 th & 12 th December 2019
4	Ramana Murthy CEO, Code tantra	Python Programming	25	Training Program on “Python Programming”	Phase I: 4 th to 12 th December 2019 Phase II: 16 th to 18 th December 2019
5	P.Kranthi Kumar ICT Academy	Salesforce ADX 201	75	Workshop on “Salesforce ADX 201”	23 rd to 27 th September 2019
6	A.P.S.S.D.C Mentors	Game development using build box	31	Workshop on “Game development using build box”	17 th - 19 th September 2019
7	P. Kranthi Kumar Senior Technical Trainer ICT academy	Data science and Big data analytics	36	Workshop on “Data science and Big data analytics”	12 th -15 th September 2019
8	A.P.S.S.D.C Mentors	Problem Solving & Programming In Python	141	Workshop on “Problem Solving & Programming In Python”	11 th - 13 th September 2019
9	A.P.S.S.D.C Mentors	Fundamentals of game development using unity 3D and C#	135	Workshop on “Fundamentals of game development using unity 3D and C#”	3 rd -8 th September 2019

10	Ramana Kumar S, LLM(Corp Law), MA(Psy) Corporate Trainer, Certified Soft Skills Trainer & Life Coach	Corporate Excellence	252	Guest Lecture on "Corporate Excellence"	13 th August 2019
11	Team from Smart Bridge educational services Pvt. Ltd ,Hyderabad	TEK HACK GEC-2019	250	Coding program on "TEK HACK GEC-2019"	24 th and 25 th July 2019
12	A.P.S.S.D.C Mentors	Python programming	52	Workshop on "Python programming"	13 th May 2019-24 th May 2019
13	A.P.S.S.D.C Mentors	Amazon web services	87	Workshop on "Amazon web services"	6 th May 2019-11 th May 2019
14	Team from Smart Bridge educational services Pvt. Ltd ,Hyderabad	Artificial intelligence, Machine learning with python	250	Training program on "Artificial intelligence, Machine learning with python"	5 th May 2019-25 th May 2019

IT

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	O.Manikanta, Hyderabad Swizz Technologies	Mobile Application	51	Android Application Development	16 th to 18 th March 2020
2	D. Mahesh, Hyderabad Forecast Era	Sales Force	36	Sales Force	27 th to 29 th February 2020
3	D. Sai Satish, Vijayawada Indian Servers	Ethical Hacking	104	Ethical Hacking and Malware Analysis	19 th to 20 th August-2019
4	D. Ganesh Nagu Hyderabad Brain O Vision	Android	83	Mobile Application Development using Android	31-07-2019 to 01-08-2019

Academic Year :2019-20 : MBA

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1	Ms. Nimisha Foster, Innovation Engineer, Mercedes-Benz, Stuttgart, Germany.	MBA	155	"An Insight into Entrepreneurship and Corporate Life".	10-01-2020
2	Sri Phani Kumar Samineni, Executive Director, Sri Anantha Lakshmi Spinning Mills Pvt.Ltd., Guntur	MBA	180	"Entrepreneurial Opportunities"	19-12-2019
3	Sri S. Srinivasa Mani, Asst. General Manager, APSFC, Vijayawada	MBA	171	"Entrepreneurial Skills"	11-12-2019
4	Ms.Naga Prasuna Balantrapu, Managing Director, M/s.Set Herbal Formulations, Vijayawada	MBA	180	Guest Lecture	28-09-2019

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	ICT Academy and Auto DESK	Building Planning	130	REVIT Architecture	7 th and 26 th May 2018
2.	K. Ramesh Chandra Bose, Director, KMV Projects Ltd, Hyderabad	Construction Management	140	Construction Planning and Management	4 th April, 2018
3.	APPSSDC	Building Planning	70	REVIT Architecture	22 nd -24 th February, 2018
4.	Er. S.N.Satya Narayana, Deputy Executive Engineer, Polavaram Project	Structural Engineering	146	A Technical Outlook on Polavaram Project	20 th February, 2018
5.	Prof.(Dr.)C.N.V.S.Reddy, Andhra University, Visakhapatnam, Industrial expert from FOSROC Company, Prof.(Dr.)P.Rathish Kumar, NIT, Warangal, Prof.(Dr.)G.Apparao, IIT, Madras	Concrete Technology	120	Advancements in Construction Materials	25 th June to 29 th June, 2018
6.	Prof.(Dr). S.R.Parimi, Senior Structural Engineering, Consultant, Prof.(Dr.) D.Ramaseshu, NIT, Warangal, Prof. (Dr.) S.R.K.Reddy Senior Professor in Civil Engineering Department, Gudlavalleru Engineering College, Gudlavalleru, Er. A. Madan Kumar, Technical Manager- Keller India Limited, Er. Chandra Mouli, Structural Engineering Consultant	Structural Engineering	140	Design of structures - A practical approach	26 th November to 30 th November, 2018
7.	Sri Ch.Madhava Rao, Additional District Judge, Krishna District & Sri Ch.Srinivasa Babu , Principal Junior Civil Judge, Krishna District	Civil Engineering	145	World Youth Change Makers	27-07-2018
8.	Er. K. Srinivasa Rao, Superintendent Engineer(Retd), Govt. AP	Civil Engineering	170	Engineering Analysis and Construction of Polavaram & Veligonda Projects	04-08-2018
9.	APSSDC, IACC & NRT	Civil Engineering	180	Higher Education in USA Required Skills and Awareness Workshop	09-08-2018
10.	Dr. P. Rama Raju Engineer-in-Chief & Jt.Secretary to Govt.AP(Retd) Senior Professor in Civil Engineering, CBIT, Hyd	Civil Engineering	240	Challenges in Water Sector in Residual Andhra Pradesh State & Case Studies on Construction of Diversion Structures	16-08-2018

11.	Innovation Cell IIT Bombay & Robokart	Civil Engineering	300	Tall Building Design using E-TAB	12-10-2018 to 13-10-2018
12.	Mr. P. Raghava Kumar, Research Scholar, IITB and Mrs. Prachi Tetu, Asst. Manager, TCE	Civil Engineering	120	Interaction with Alumni	17-07-2018
13	Sri Ch. Chittaranjan, Deputy Executive Engineer, Dr. Narla Tata Rao Thermal Power Station – Ibrahimpatnam, Vijayawada	Thermal Engineering	152	Troubles and Trouble Shooting of Boilers	14 th Oct., 2018
14	Sri K. Chandra Kaladhar, Executive Engineer, Dr. Narla Tata Rao Thermal Power Station – Ibrahimpatnam, Vijayawada	Thermal Engineering	152	Over view of Turbines	13 th – 14 th Oct., 2018
15	Sri L. M. V. PRASAD, Deputy Executive Engineer Dr. Narla Tata Rao Thermal Power Station – Ibrahimpatnam	Thermal Engineering	152	Over view of Thermal Power Plant”	13 Oct., 2018
16	Sri P. Mumasankar, DGM-Production, Musashi Auto Parts India, Pvt. Ltd., Bengaluru	Production	150	Challenges & Opportunities for Mechanical Engineers in Industry	15 th Sept., 2018
17	Sri Kranthi Kumar Elineni, Independent Scientist, India	Industry 4.O	216	Digital Transformation – A New Industrial Revolution	15 th Sept., 2018
18	Sri K.V. Ratnam, Superannuated Technical Officer (Gr.A,Gazetted), Indian Ordnance Factories	Metallurgy	216	Heat Treatment of Steels	24 th August, 2018
19	Dr. Trivikrama Bhanoji Reddy Pala, Staff Engineer-R&D, Becton, Dickinson, New Jersey, USA Adjunct Professor, New Jersey Institute of Technology, USA	Production	152	Product Design and Development	23 rd July, 2018
20	Sri S.S. Subramanya Sastry, Deputy General Manager, Cyient Ltd., Hyderabad	Basics of Mechanical Engineering	152	Mechanical Engineering and its Significance	17 th July, 2018
21	Andhra Pradesh State Skill Development Corporation (APSSDC)	Software Tools	102	Engineering Orientation Programme	30 th Dec., 2018 – 5 th Jan., 2019
22	Andhra Pradesh State Skill Development Corporation (APSSDC)	Software Tools	102	Engineering Orientation Programme	3rd - 8th Dec., 2018
23	Sri K. Kiran Kumar, Asst. Project Manager, Cyient India Ltd., Hyderabad	Software Tools	152	Six Day Hands on Training on “Hypermesh”	28 th November – 2 nd Dec. 2018
24	Trainers from VIDAL NDT, Vijayawada	Production	150	Three Day Hand’s on Training “Non Destructive Evaluation Techniques (NDT)”	27 th – 29 th Sept. 2018
25	Dr. Sunil Kumar Vuppala, Principal Scientist in Philips research, Bangaluru	Machine Learning	102	Machine Learning and Deep learning	30 th July 2018
26	Sri Prashanth Govindaiah , Senior Architect – Technology, Cognizant Technology Solutions, Bangalore	Cloud Computing	203	Cloud for you	15 th September 2018

27	Dr.Sunil Kumar Vuppala, Principal Scientist, Philips Research, Bangalore	Career Guidance	104	Career Guidance & Latest Trends and Technologies in IT Industry	26 th December 2018
28	Mr.S.Srikrishna, Team Lead, Ernst & Young Private Limited, Hyderabad	Advanced Java & Web Technologies	208	Enterprise Application Development Paradigms	29 th March 2019
29	M.Venkatesh, Airport Authority of India, Gannavaram	Aeronautical Navigational System	189	Guest lecture on “Aeronautical Navigational System	29 th March 2019
30	Sai Satish, CEO, Indian Servers	Cyber Security	100	Ethical Hacking and cyber security principles	7 th - 8 th March 2019
31	Er.P.Madhu, ORL Industries, Hyderabd	Internet of Things	105	Python Programming with IoT applications (Certification Program)	18 th - 19 th February 2019
32	Md. Fahim, Robokart, Mumbai	Advanced Micromicrocontrollers	101	workshop on DRONES	18 th to 19 th January 2019
33	M. Ranga Rao, P.Mounica, G.K.Raja, P.GayathriDevi	Software Applications	286	Engineering Orientation Program (Institute Level)	3 rd - 8 th December 2018
34	Er. Nagendra Coreel Technologies	VLSI Design	55	System Verilog using FPGA	9 th -10 th August 2018
35	Mr. P.Vinod, Ms.B. Sravanthi, Trainer cum Developers, APSSDC Team	Software	58	workshop on "Frontend Foundations"	19 th - 22 nd September 2018
36	Er. A. Koteswara Rao, Deputy General Manager, BSNL, Vijayawada Er. T. Raju, Sub-Divisional Engineer, BSNL, Vijayawada	Telecommunication Engineering	320	Guest Lecture on "Awareness on Telecommunication Engineering	15 th September 2018
37	Mr. B. Siva Prasad, Trainer cum Developers, APSSDC Team	Software applications	246	A six day workshop on "Google Android Developer Fundamentals	6 th - 12 th September 2018
38	Sri John Christottam, General Manager- Mobile Services, BSNL	Mobile communication	300	Guest Lecture on "Development of Mobile Services in India"	24 th August 2018
39	Er.B.Nagendra, Application Engineer, Coreel Technologies, Bangalore	VLSI Design	50	"System Verilog using FPGA	9 th - 10 th August 2018
40	Er.M.Venkatesh, Assistant Manager, CNS, Airport Authority of India.	communication	200	Communication navigation surveillance in air traffic control	17 th July 2018
41	Er. T. Bhavani Shankar, Executive Manager, Efftronics Pvt. Ltd, Vijayawada	Basic Electronics	200	Emergence of Digital Disruption - Challenges and Roadmap to Embrace	19 th July 2018
42	Dell EMC Trainees, Chennai	Data Science And Big data analytics	210	Training Program on “Data Science And Big data analytics”	7 th -11 th May 2018& 21 st -25 th May 2018
43	Dell EMC Trainees, Chennai	Cloud Infrastructure and services	221	Training Program on “Cloud Infrastructure and services”	7 th -11 th May 2018& 21 st -25 th May 2018
44	Mr. Siva Satya Kumar Ammula Principal Software engineer- lead, Cubic Transportation Systems, Hyderabad	Cloud Computing	513	Guest Lecture on “Cloud Computing”	30 th March 2019

45	V.Sunil kumar Principal Scientist in Philips Rearch India, Bangalore	career guidance and latest trends and technologies in IT industry	200	Guest Lecture on “career guidance and latest trends and technologies in IT industry”	26 th December 2018
46	Chandrappa Shekarappa - Associate Director - Digital CX Lead at Cognizant.	Digital customer experience	270	Guest Lecture on “Digital customer experience”	15 th September 2018
47	Dr. Vuppala Sunil Kumar, Principal Scientist in Philips Rearch India, Bangalore	Machine Learning & Deep Learning	70	Guest Lecture on “Machine Learning & Deep Learning”	30 th July 2018
48	Dr. Sunil Kumar Vuppala, Principal Scientist in Philips research, Bangaluru	Machine Learning	102	Machine Learning and Deep learning	30th July 2018
49	Sri Prashanth Govindaiah, Senior Architect – Technology, Cognizant Technology Solutions, Bangalore	Cloud Computing	203	Cloud for you	15th September 2018
50	Dr.Sunil Kumar Vuppala, Principal Scientist, Philips Research, Bangalore	Career Guidance	104	Career Guidance & Latest Trends and Technologies in IT Industry	26th December 2018
51	Mr.S.Srikrishna, Team Lead, Ernst & Y Young Private Limited, Hyderabad	Advanced Java & Web Technologies	208	Enterprise Application Development Paradigms	29th March 2019
52	Dr. V. Nagalakshmi, Joint Managing Director, IMIS Pharmaceuticals, Vijayawada.	Guest Lecture	150	Guest Lecture	07-09-2018
53	Mr. Tarun Kakani, Founder and CEO, Amaravathi Boating Club (ABC) India Pvt.Ltd., Vijayawada.	Corporate Skills	150	Corporate Skills	03-04-2019

B. Industry involvement in the program design and Curriculum

Industry is one of the major stake holders of the process. Involvement of industry is made wherever it is possible. Eminent persons from industry are appointed as members in governing body, academic council, and board of studies. etc..

i) BOS Members from Industry

Sl.No.	Name of Industry Expert & Designation	Industry	Curriculum
1	Dr.S.Vijayakumar, Managing Director	Vijay Nirman Construction Company, Visakhapatnam	R 20
2	Er.L. Lakshmi Reddy, Manager	CMPDIL RI-7,Bhubaneshwar.	R-20
3	Mr. P.V.S. Mohan Sharma, Senior Manager	Mahindra & Mahindra Ltd., Chengalpattu, Tamilnadu	R20
4	Dr. Sunil Kumar Vuppala, Principal Scientist.	Philips Research India, Bangalore.	R20
5	Mr.Dhara Mahesh	Director – Product Engineering, Forecastera Technologies Pvt.Ltd., Gachibowli, Hyderabad— 500032	R20
6	Dr.M.Kishore Kumar, Scientist - D	Defence Research & Development Organization (DRDO), Karwar	R17
7	Er.I.S.N.Raju, Engineer in Chief (Retd.)	Irrigation Department, Hyderabad	R14
8	Dr.G.Mallikarjuna Rao, Scientist-F	RCI, DRDO, Hyderabad	R17
9	Mr.Ramasamy S.R.T, Executive Manager	Efftronics Systems Pvt. Ltd., Vijayawada	R14
10	Mr. K V S Prasad, Software Engineer	Penn Information Technologies, Hyderabad	R14
11	Mr. Satya Thpalli, Software Engineer	Tech Mahindra Limited, RMG Campus, Hyderabad.	R14
12	Mr. B.Venkata Praveen, Software Engineer	Microsoft India (R &D) Pvt. Ltd., Microsoft Campus, Hyderabad.	R17
13	Pradeep Kumar Kotha, Senior Leader	Qualcomm India Pvt. Ltd., Bangalore	R17
14	Sri P.Siva Balaji, Sr.Project Manager,	Infosys, Hyderabad	R17
15	Dr.K.Babu Rao, Technical Director	Navayuga Infotech, Hyderabad	R14

ii) Academic Council Members from Industry

Sl.No.	Name of Industry Expert	Designation	Industry
1	P. Gandhi	Chief Scientist and Head	SERC, Chennai
2	Dr.K.Rama Raju	Deputy Director	CSIR - Structural Engineering Research Centre, Taramani, Chennai
3	Er. V.S.Ramesh Babu	Chief Engineer	Krishna Delta system, I&CAD Dept, Govt. of A.P, Vijayawada
4	Mr. J. S. R. K. Prasad	CEO	Better Castings Pvt. Limited, Vij.
5	Mr. Jaya Rama Krishna Nutulapati,	Client Partner & Principal Consultant	Tata Consultancy Services, Hyd.
6	Mr. K.V. Sharma	Senior Vice President, Banking and Financial Services	YASH Technologies, Hyderabad.
7	Mr. J. S. R. K. Prasad	CEO	Better Castings Pvt. Limited, Vijayawada

C. Student Projects related to Industry

i) B.Tech Projects 2020-21

Sl.No.	Roll Nos.	Title of the Project	Related Industry
Projects not completed till to date			

ii) M.Tech Projects 2020-21

S.No.	Student Name	Academic Year & Specialization	Name of the Industry	Project Title
Projects not completed till to date				

ii) MBAm Projects 2020-21

Roll No.	Name of the Candidate	Name and Address of the Organisation
Projects not completed till to date		

D. Industry Internship for B.Tech Students

CE

Academic Year 2020-21

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1.	LSB Temerity Infra Pvt. Ltd.	Public	Govt./ Private	08/6/2020	10/7/2020	130
2.	Smart Bridge Edu. Services	Public	Govt./ Private	29/4/2020	10/6/2020	54

EEE

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1.	Cellerite systems	Electrical	Pvt.	01/05/2020	30/05/2020	156
2.	Cellerite systems	Electrical	Pvt.	01/10/2020	3/10/2020	20
3.	Smart Bridge	Computer Science	Pvt.	20/04/2020	20/05/2020	02

ME

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1	New Leaf Engineering Private Ltd., Bengaluru	Public	Govt./ Private	21.09.2020	21.10.2020	148
2	Smart Bridge Educational Services Pvt.Ltd., Hyderabad,	Public	Govt./ Private	29.04.2020	29.05.2020	34

ECE

Sl.No.	Roll Nos.	Title of the Project	Related Industry
1	16481A04N3	Intelligent Traffic Control System using RFID and GSM	ECIL, Hyderabad
	16481A04M8		
	17485A0435		

CSE

S.No	Title of the Project	No. of students in Batch	Roll Nos. of students
1	Phishing Website Detection	4	17481A0539
			17481A0550
			17481A0548
			17481A0504
2	Pneumonia Detection using X-ray Images	4	17481A0503
			17481A0510
			17481A0546
			17481A0513
3	SMS Spam Detection	4	17481A0530
			17481A0518
			18485A0504
			17481A0531
4	Detecting Malaria with Deep Learning	4	17481A0515
			17481A0547
			17481A0511
			17481A0534
5	Predicting Energy of Wind Turbines at Certain Situations	4	17481A0554
			17481A0527
			17481A0543
			17481A0551
6	Skin Disease Identification using Image Analysis	4	17481A0502
			17481A0506
			17481A0523
			17481A0507
7	Coal for Metallurgical Cooking Price Prediction	4	17481A0525
			18485A0508
			18485A0507
			17481A0519
8	Employee Attrition Prediction	3	17481A0501
			17481A0517
			17481A0535
9	Detection of Acute Intracranial hemorrhage	3	17481A0537
			17481A0538
			17481A0536
10	Conversation Engine for Deaf and Dumb	4	17481A0552
			17481A0512
			17481A0553
			18485A0506
11	Predictive Analytics for Retail Banking	4	17481A0529
			17481A0549
			18485A0501
			17481A0524
12	Credit Card Fraud Detection	4	17481A0509
			17481A0544
			18485A0509
			17481A0540
13	Power Consumption Analysis for House Holds	4	17481A0533
			17481A0526
			17481A0514
			17481A0541
14	Sentimental Analysis of Twitter Data using Deep Learning	3	17481A0516
			17481A0505
			17481A0522

15	Tyre Quality Detection	4	17481A0508
			17481A0545
			17481A0555
			18485A0505
16	Breast Cancer Risk Prediction using DeepLearning	4	17481A0521
			17481A0542
			18485A0503
			17481A0520
17	Predicting the Energy Output of Wind Turbine based on Weather Condition	2	17481A0532
			18485A0502
18	Zomato Review Analysis	3	17481A0579
			17481A0581
			17481A05B2
19	Detection of Building Defects using CNN	4	17481A0562
			17481A0564
			17481A05A9
			17481A0591
20	Auto Tagging of Questions from Stack Overflow	4	17481A05A4
			17481A0568
			17481A0575
			17481A05B5
21	Identify Signs of Diabetic Retinopathy in Eye Images	4	17481A0583
			17481A0574
			17481A0577
			17485A0573
22	Intelligent Album Creator using Face Recognition	4	17481A0582
			17481A0560
			17481A0556
			17481A05B3
23	Avalanche Forecasting using Machine Learning	4	17481A0595
			17481A0589
			17481A0571
			17481A0597
24	Amazon Kindle Store Review Analysis	4	17481A0598
			17481A05A3
			17481A0558
			17481A0587
25	Abalone Age Prediction	4	17481A05A2
			17481A0590
			17481A0594
			17481A05A6
26	Consumer Purchase Behaviour Analysis	4	17481A0584
			17481A0585
			17481A05A8
			18485A0511
27	Car Performance Prediction	4	17481A05A7
			17481A0557
			17481A0570
			18485A0515
28	Application of Machine Learning Algorithm to Predict Flight Delays	4	17481A0586
			17481A0578
			17481A0576
			17481A0563
29	Question Classification	4	17481A0588
			17481A05B4
			17481A05B1
			17481A0566
30	Power Consumption Analysis in the Individual House Holds	4	17481A0592
			17481A0561
			17481A0572
			17481A0580

31	Automated Keyword Extraction from Articles Using NLP	4	17481A05A5
			17481A0569
			17481A0593
			17481A05A0
32	AI Enabled Weed Recognition system	4	17481A0567
			17481A05B0
			18485A0510
			18485A0512
33	Health Monitoring System using Machine Learning	4	17481A05B6
			17481A0599
			17481A05A1
			17481A0565
34	Aerial Cactus Identification	4	17481A0596
			17481A0559
			18485A0513
			18485A0514
35	Body Fitness Prediction	3	17481A05D4
			17481A05B8
			17481A05C0
36	Urban Water Quality Prediction	3	17481A05E8
			17481A05F0
			17481A05G0
37	Cereal Analysis Based on Rating by Machine Learning Techniques	3	17481A05D3
			17481A05D2
			17481A05G7
38	Ship Classification using Image dataset	4	17481A05E9
			17481A05E6
			17481A05H1
			17481A05D5
39	Global Innovation Index Prediction	4	17481A05D0
			17481A05F8
			17481A05F5
			17481A05G6
40	Brain Tumor Detection From MRI Images	3	17481A05C4
			17481A05E7
			17481A05G8
41	Sentiment Analysis of Twitter Data using Deep Learning	4	17481A05B9
			17481A05C2
			17481A05D1
			17481A05F6
42	ECG Arrhythmia Classification using CNN	4	17481A05D7
			17481A05F2
			18485A0516
			17481A05F4
43	Garbage Classification	4	17481A05H0
			17481A05G3
			18485A0525
			17481A05C6
44	Lung Cancer Detection in Radiology Images	4	17481A05E1
			17481A05C3
			17481A05C7
			18485A0519
45	Diabetes Mellitus Prediction using Machine Learning	4	17481A05D9
			17481A05G1
			17481A05C5
			18485A0524
46	Visa Approval Prediction	4	17481A05G5
			17481A05E5
			17481A05F3
			17481A05F1

47	Forest combustion recognition using AI	4	17581A05E4
			17481A05E3
			18485A0517
			17481A05F9
48	Toxic Comments Classification in Social Networking	4	17481A05G9
			17481A05B7
			18485A0520
			17481A05G2
49	Liver Patient Analysis	4	17481A05D6
			17481A05H2
			18485A0526
			18485A0518
50	Quality Prediction in a Mining Process	4	17481A05D8
			17481A05C1
			17481A05C9
			18485A0522
51	Life Expectancy Prediction	1	17481A05E0
52	Natural Gas Price Prediction	4	17481A05K6
			17481A05J0
			17481A05I6
			16481A05I8
53	Clustering Startups Based On Customer-Value Proposition	4	17481A05K3
			17481A05N1
			17481A05H7
			17481A05L6
54	University Admission Prediction	4	17481A05I3
			17481A05J5
			17481A05I4
			17481A05J3
55	Iceberg Detection in Satellite Images	4	17481A05M3
			17481A05J8
			17481A05J6
			17485A0506
56	Predicting compressive strength of Concrete	4	17481A05I8
			17481A05K8
			17481A05H6
			17481A05M1
57	Predicting Hospital Readmission for Patients with Diabetics	4	17481A05H9
			17481A05I7
			17481A05K2
			17481A05H5
58	3D Printer Materials Prediction	4	17481A05L8
			17481A05M2
			17481A05H8
			17481A05L7
59	Data Driven Analysis of Text Summarization for Biomedical Domain Content	4	17481A05J9
			17481A05L3
			17481A05M9
			17481A05M4
60	Rock Identification using deep CNN	4	17481A05L5
			17481A05K1
			17481A05H4
			17481A05I0
61	Plant Seedling Classification	4	17481A05L2
			17481A05I1
			17481A05K5
			17481A05H3
62	Health Insurance Cost prediction	3	17481A05J7
			17481A05I5
			17481A05M0

63	Eda Loan Status Prediction	3	17481A05L9
			17481A05J2
			17481A05I9
64	Emissions of CO2 from Cars	3	17481A05I2
			17481A05M8
			17481A05M6
65	Analysis of Amazon Cellphone Reviews	3	17481A05L0
			17481A05J4
			17481A05L1
66	Nutrition Analysis using Image Classification	3	17481A05N0
			17481A05K7
			17481A05L4
67	Chronic Kidney Disease Analysis	3	17481A05K0
			17481A05M7
			17481A05K4
68	Movie Recommendation System using ML	1	16481A05D5
69	Detecting Security Vulnerabilities in Web Applications with Penetration Testing	2	17481A05K9
			17481A05N2

CSE

Sl. No.	Name of the Industry	Sector of Industry	Govt./Pvt. Undertaking	Date From	Date To	No. of Students
1.	Smart Bridge Educational Services Pvt Ltd	Technical	Private	06-05-2019	24-05-2019	249
2.	SESOS9 IT Solutions	Technical	Private	1-10-2020	16-11-2020	1
3.	Indian Servers	Technical	Private	30-03-2020	06-06-2020	2

IT

Sl. No	Name of the Industry	Sector of Industry	Govt./Pvt. Undertaking	Date From	Date To	No. Of Students
1	SmartBridge Educational Services, Pvt. Ltd. Hyderabad	Private	Govt./Pvt.	09.04.2020	09.05.2020	104
2	Lineysha And Thevan Software Technologies Pvt. Ltd.	Private.	Govt./Pvt.	04.05.2020	04.06.2020	01

Academic Year 2019-20

CE

Academic Year 2019-20 CE

Sl. No.	Name of the Industry	Sector of Industry	Govt./Pvt. Undertaking	Date From	Date To	No. of Students
3.	AARVEE ASSOCIATES	Public	Govt./ Private	08.05.2019	06.06.2019	2
4.	AFCONS-HYD	Public	Govt./ Private	13-05-2019	12-06-2019	1
5.	AMARA RAJA	Public	Govt./ Private	22-05-2019	22-06-2019	2
6.	Aruna Sree Infra	Public	Govt./ Private	06-05-2019	06-06-2019	5
7.	BHAGYANAGAR INFRA PROJECTS	Public	Govt./ Private	06-05-2019	18-06-2019	1
8.	Chinmaya Group of Constructions	Public	Govt./ Private	06-05-2019	06-06-2019	10
9.	BSCPL	Public	Govt./ Private	06-06-2019	07-07-2019	1
10.	CSR INFRA	Private	Govt./ Private	25-11-2019	26-12-2019	2
11.	Dalapathi	Public	Govt./ Private	11-5-2019	7-6-2019	8
12.	DILIP Build Con-Kanumuru	Public	Govt./ Private	06-05-2019	29-06-2019	4
13.	Fortuna Construction	Public	Govt./ Private	6-5-2019	29-6-2019	1
14.	Jai Durga	Public	Govt./ Private	20.05.2019	20.06.2019	10
15.	Grand Projects Capitol	Public	Govt./ Private	12-5-2019	08-6-2019	6
16.	KMV	Public	Govt./ Private	6-5-2019	4-6-2019	7
17.	L&T	Public	Govt.	6-5-2019	10-6-2019	5

18.	HEMADURGA REALTORS	Public	Govt./ Private	13-5-2019	15-6-2019	5
19.	HYD Road Development Coporation Ltd	Private	Govt.	13-5-2019	7-6-2019	3
20.	INSCAPE Design	Public	Govt./ Private	6-5-2019	2-6-2019	1
21.	KAMAKSHI CONSTRUCTIONS	Public	Govt./ Private	6-5-2019	4-6-2019	1
22.	Manvee Constructions	Public	Govt./ Private	18-03-2019	12-06-2019	1
23.	Lachan Infra	Public	Govt./ Private	13-5-2019	15-6-2019	1
24.	Lakshmi Infra	Public	Govt./ Private	13-5-2019	10-6-2019	6
25.	Manasa Constructions	Public	Govt./ Private	6-5-2019	29-6-2019	1
26.	Nagarjuna Constructions	Public	Govt./ Private	6-5-2019	10-6-2019	1
27.	NIES TECHNOLOGIES	Public	Govt.	9-5-2019	10-6-2019	1
28.	R&B, Bantumilli	Private	Govt./ Private	6-5-2019	10-6-2019	4
29.	Power Mech	Public	Govt./ Private	20-5-2019	21-6-2019	5
30.	Rainbow Victus	Public	Govt./ Private	22-03-2019	08-06-2019	1
31.	PRADEEP ASSOCIATES	Public	Govt./ Private	28-5-2019	29-6-2019	5
32.	RAJESH CONSTRUCTIONS	Public	Govt./ Private	24-5-2019	23-6-2019	2
33.	Raghu Infra	Public	Govt./ Private	7-5-2019	16-6-2019	1
34.	Ram Entriprises	Public	Govt./ Private	6-5-2019	29-6-2019	1
35.	RVS Conventions PVT. Ltd	Public	Govt./ Private	15-5-2019	15-6-2019	9
36.	SCL Technologies	Public	Govt./ Private	6-5-2019	6-6-2019	5
37.	SLV Infra Structures	Private	Govt./ Private	15-5-2019	17-6-2019	5
38.	Soma Constructions	Public	Govt./ Private	6-5-2019	6-6-2019	2
39.	SRI DHARAHAS BUILDERS	Public	Govt./ Private	6-5-2019	29-6-2019	13
40.	Sri Vigneswara Constructions	Public	Govt./ Private	10-5-2019	25-6-2019	6
41.	Sudha Architects	Public	Govt./ Private	13-5-2019	12-6-2019	9
42.	T&R constructions	Public	Govt./ Private	22-5-2019	22-6-2019	2
43.	TATA Projects	Public	Govt./ Private	22-5-2019	22-6-2019	1
44.	VIJ Toll Way Pvt Ltd	Public	Govt.	6-5-2019	24-6-2019	5
45.	Vizay Steel Plant	Private	Govt.	6-5-2019	1-6-2019	6
46.	Water Resources Dept	Public	Govt.	21-5-2019	15-6-2019	5
47.	TRICHY-THANJAVUR EXPRESSWAY LTD	Public	Govt.	6-5-2019	5-6-2019	1
48.	VASANTAM INFRA PROJECTS	Public	Govt./ Private	12-5-2019	8-6-2019	11
49.	Vensar Constructions	Public	Govt./ Private	6-5-2019	6-6-2019	2

Academic Year 2018-2019 CE

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1.	Panchayat raj Department MTM	GOVT	GOVT	9/5/2018	9/6/2018	2
2.	Amravati Infrastructures And Services	Construction	Private	1/5/2018	15/6/2018	1
3.	Aparna Constructions	Construction	Private	25/5/2018	20/6/2018	1
4.	Aps Housing Coporation	Construction	GOVT	7/5/2018	2/6/2018	4
5.	Butlas Consulting Engineers Pvt Ltd	Construction	Private	20/5/2018	20/6/2018	1
6.	Capitol	Construction	Private	2/6/2018	2/7/2018	1
7.	CPWD, VIJ	Construction	GOVT	2/5/2018	18/6/2018	10
8.	DILIP BUILD CON	Construction	Private	28/5/18	25/6/2018	3
9.	Gr Constructions	Construction	Private	29/5/2018	28/6/2018	1
10.	Elixir Mat Form	Construction	Private	7/5/2018	30/6/2018	1
11.	Eswar Associates	Construction	Private	15/5/2018	30/6/2018	1
12.	Indian Hume Pipes	Construction	Private	7/5/2018	30/6/2018	5
13.	Irrigation Department A.P	Construction	GOVT	9/5/2018	9/6/2018	35
14.	Jayadurga Consultancy	Construction	Private	5/5/2018	1/6/2018	33
15.	KCPL PUNE	Construction	Private	11/5/2018	11/6/2018	1
16.	L&T	Construction	Private	5/6/2018	30/6/2018	2
17.	Karthikeya infrastructures	Construction	Private	1/5/2018	31/5/2018	2
18.	Krishi constructions.	Construction	Private	14/5/2018	13/6/2018	1
19.	Mahindra Lifes Spaces Pvt Ltd	Construction	Private	14/5/2018	14/6/2018	1

20.	Modern City Planners & Engineers	Construction	Private	21/5/2018	20/6/2018	1
21.	Nava Jyothiinfra Developers	Construction	Private	20/5/2018	20/6/2018	1
22.	Navayuga Engg Company	Construction	Private	20/5/2018	20/6/2018	3
23.	NHAI, VIJ	Construction	Private	11/5/2018	8/6/2018	5
24.	PWD	Construction	Private	2/5/2018	18/6/2018	1
25.	R&B Department	Construction	Private	1/6/2018	30/6/2018	10
26.	RAMA KRISHNA PVT LTD	Construction	Private	7/5/2018	30/6/2018	1
27.	Raghavendra Construction	Construction	Private	28/5/2018	25/6/2018	3
28.	RS Builders & Developers	Construction	Private	21/5/2018	25/6/2018	4
29.	S.V Civicons- Amaravathi	Construction	Private	1/6/2018	30/6/2018	1
30.	SNR	Construction	Private	1/6/18	30/6/2018	6
31.	Sanathana Properties India Pvt Ltd	Construction	Private	22/5/2018	23/6/2018	1
32.	SEPL	Construction	Private	8/5/2018	8/6/2018	15
33.	SRI SAI RATNA CREATIVES	Construction	Private	20/5/2018	22/6/2018	1
34.	STBL	Construction	Private	7/5/2018	30/6/2018	3
35.	VIZAG STEEL PLANT	Construction	GOVT	4/6/2018	30/6/2018	22
36.	Swathi constructions	Construction	Private	9/5/2018	9/6/2018	1
37.	Vallabhaneni	Construction	Private	22/5/2018	20/6/2018	1
38.	Vertex	Construction	Private	29/5/2018	28/6/2018	2
39.	Vasundra	Construction	Private	20/5/2018	22/6/2018	3
40.	VCPL	Construction	Private	10/5/2018	30/6/2018	13
41.	Vijay Nirman	Construction	Private	1/6/2018	30/6/2018	2
42.	Annoor Test Labs	Construction	Private	14/5/2018	14/6/2018	3
43.	Bollineni Senaiah Company Krishnapalem	Construction	Private	20/5/2018	20/6/2018	1

Academic Year 2017-2018 CE

S. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
	Adithaya	Construction	Private	20-05-2017	20-06-2017	2
2.	AFCONS Infra ltd	Construction	Private	15.05.2017	30.06.2017	1
3.	Annapoorna	Construction	Private	11.12.2017	21.01.2018	2
4.	CAPITOL Grand Project	Construction	Private	09.05.2017	06.06.2017	3
5.	COSA	Construction	Private	15-05-2018	15-06-2018	1
6.	DEC Infra	Construction	Private	21.12.2017	21.01.2018	2
7.	Dilip Bulidcon	Construction	Private	21.12.2017	21.01.2018	53
8.	Gammon	Construction	Private	1-12-2017	15-1-2018	1
9.	SNR	Construction	Private	11.05.2017	13.06.2017	3
10.	Jayadurga	Construction	Private	28-11-2017	10-1-2018	6
11.	KMV Projects	Construction	Private	22-05- 2017	21-06-2017	5
12.	MBMR Real Estate	Construction	Private	20-05-2017	20-06-2017	8
13.	METEY	Construction	Private	1-12-2017	12-1-2018	1
14.	R&B	Construction	Govtment	21-11-2017	10-1-2018	4
15.	SCR	Construction	Govtment	12-5-2017	30-6-2017	50
16.	SS Construction	Construction	Private	11-12-2017	22-1-2018	8
17.	STBL	Construction	Private	23.05.2017	06.07.2017	16
18.	Vasundra	Construction	Private	5-12-2017	10-1-2018	3
19.	Vijay Nirman	Construction	Private	12-5-2017	30-6-2017	4
20.	Soma	Construction	Private	08.05.2017	01.07.2017	4

EEE

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
4.	Cellerite systems	Electrical	Pvt.	01/05/2020	30/05/2020	156
5.	Smart Bridge	Computer Science	Pvt.	01/05/2020	30/05/2020	02

ECE

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1	BEL, HYDERABAD	Hardware	Government	06/5/2019	05/6/2019	8
2	BEL, MACHILIPATNAM	Hardware	Government	06/5/2019	05/6/2019	12
3	BHEL, HYDERABAD	Hardware	Government	06/5/2019	05/6/2019	1
4	BSNL	Hardware	Government	06/5/2019	05/6/2019	93
5	BSNL, ONGOLE	Hardware	Government	06/5/2019	05/6/2019	2
6	ECIL, HYDERABAD	Hardware	Government	06/5/2019	05/6/2019	17
7	Electrono Solutions	Hardware	Private	06/5/2019	05/6/2019	11
8	Hightech Automation	Hardware	Private	06/5/2019	05/6/2019	4
9	Micro Link	Hardware	Private	06/5/2019	05/6/2019	35
10	MSME	Hardware	Private	06/5/2019	05/6/2019	3
11	NALCO	Hardware	Government	06/5/2019	05/6/2019	1
12	NSIC	Hardware	Government	06/5/2019	05/6/2019	89
13	Regional Telecom Training Centre, Gachibowli	Hardware	Government	06/5/2019	05/6/2019	2

CSE

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
4.	Smart Bridge Educational Services Pvt Ltd	Technical	Private	06-05-2019	24-05-2019	250
5.	ICT Academy	Technical	Private	12-09-2019	15-09-2019	35

IT

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1	NSIC	Public	Govt.	06-05-2019	05-06-2019	20
2	3G Cell	Private	Private	16-05-2019	14-06-2019	3
3	DAFN Technologies	Private	Private	13-05-2019	12-06-2019	3
4	VAMA Industries	Private	Private	12-05-2019	12-06-2019	2

MBA

S.No.	Roll No.	Title of the Project	Related Industry
1	17481E0084	“A Comparative Analysis on Large Cap Vs Small Cap Mutual Funds” in Bonanza Portfolio Pvt. Ltd., Vijayawada.	Bonanza Portfolio Pvt. Ltd., Vijayawada.
2	18481E0001	A Study on “Comparative – Common size Analysis” In “South Central Railway” At Vijayawada	“South Central Railway” At Vijayawada
3	18481E0002	A Study on “Employee Job Satisfaction at East India Commercial Company Ltd” , Eluru	East India Commercial Company Ltd” , Eluru
4	18481E0003	A Study on “Performance Appraisal with Reference To Kwality Feeds Ltd ”, Ramanapudi.	Kwality Feeds Ltd ”, Ramanapudi.
5	18481E0004	A Study on “Wage and Salary Administration” in Hotel Fortune Murali Park Pvt. Ltd, Vijayawada	Hotel Fortune Murali Park Pvt. Ltd, Vijayawada
6	18481E0005	A Study on “working capital management with reference to KDCC bank Ltd Machilipatnam”	KDCC bank Ltd Machilipatnam”
7	18481E0006	A Study on “Funds Flow Statement” in Incap Ltd, Vijayawada	in Incap Ltd, Vijayawada

8	18481E0007	A Study on "Training and Development at South Central Railway, Vijayawada	South Central Railway, Vijayawada
9	18481E0008	A Study on "Diversified Equity Mutual Fund Schemes" in Sharekhan Ltd, Vijayawada	Sharekhan Ltd, Vijayawada
10	18481E0009	A Study on "Performance Appraisal System" at South Central Railway, Vijayawada	South Central Railway, Vijayawada
11	18481E0010	A Study on "Cash flow Statement in Anantha Lakshmi Spinning Mills Pvt. Ltd", Boyapalem, Guntur	Anantha Lakshmi Spinning Mills Pvt. Ltd", Boyapalem, Guntur
12	18481E0011	A Study on "Perception of Autowala's Towards E-Autos in Vijayawada City"	A Study on "Perception of Autowala's Towards E-Autos in Vijayawada City"
13	18481E0012	A Study on "Comparative Analysis of Lumpsum Investment vs Systematic Investment Plan at Indian infoline Pvt. Ltd, Hyderabad".	Indian infoline Pvt. Ltd, Hyderabad".
14	18481E0013	A Study on "Customer Satisfaction on Royal Enfield with reference to M/s. Tapasya Motors, Machilipatnam".	M/s. Tapasya Motors, Machilipatnam".
15	18481E0014	A Study on "Employee Job Satisfaction in Krishna District Milk Producers Mutually aided co-operative union ltd, Vijayawada"	Krishna District Milk Producers Mutually aided co-operative union ltd, Vijayawada"
16	18481E0015	A Study on "Effectiveness of Promotional Strategies at Big Bazaar", Vijayawada	Big Bazaar", Vijayawada
17	18481E0016	A Study on Financial Analysis in Atma Lubricant Specialities Ltd, Vijayawada.	Atma Lubricant Specialities Ltd, Vijayawada.
18	18481E0017	A study on "Traning and Development "in m/s.krishna district milk producers mutually aided co-operative ltd, vijayawada	M/s.krishna district milk producers mutually aided co-operative ltd, vijayawada
19	18481E0018	A Study on "Employee Welfare Measures in M/s. Kwality Feeds Ltd, Gudivada.	M/s. Kwality Feeds Ltd, Gudivada.
20	18481E0019	A Study on "Performance Appraisal in M/s. Krishna District Milk Producers Mutually Aided Co-operative Ltd, Vijayawada.	M/s. Krishna District Milk Producers Mutually Aided Co-operative Ltd, Vijayawada.
21	18481E0020	A Study on "Derivatives Options trading strategies in Bonanza portfolio Pvt. Limited, vijayawada"	Bonanza portfolio Pvt. Limited, vijayawada"
22	18481E0021	A study on "Cash Flow Analysis in South Central Railway. Vijayawada"	South Central Railway. Vijayawada"

23	18481E0025	A Study on "Financial analysis for comparative balance sheet"	A Study on "Financial analysis for comparative balance sheet"
24	18481E0026	A Study on "Employee relations and It effects on employee productivity"	A Study on "Employee relations and It effects on employee productivity"
25	18481E0027	A Study on "Determinants of Consumer Buying Behavior towards Private Label Brands with special reference to M/s. Big Bazaar, Vijayawada".	M/s. Big Bazaar, Vijayawada".
26	18481E0028	A Study on "Funds Flow Statement in Maddi Lakshmaiah & Co. Ltd. Guntur	Maddi Lakshmaiah & Co. Ltd. Guntur
27	18481E0029	A Study on "A Comparative Analysis of Mutual Funds Schemes in Angel Broking Pvt, Vijayawada"	Angel Broking Pvt, Vijayawada"
28	18481E0030	A Study on "Funds Flow Analysis in Liners India Limited. Vijayawada.	Liners India Limited. Vijayawada.
29	18481E0031	A Study on "Performance Appraisal in Sri Krishna Jute Mills East India Commercial Company Pvt. Ltd, Eluru"	Sri Krishna Jute Mills East India Commercial Company Pvt. Ltd, Eluru"
30	18481E0032	A Study on "CONSUMER BUYING BEHAVIOUR AT BIGBAZAAR, VIAJAYAWADA"	BIGBAZAAR, VIAJAYAWADA"
31	18481E0033	A Study on "RATIO ANALYSIS" In "SOUTH CENTRAL RAILWAY DIVISION OF VIJAYAWADA"	"SOUTH CENTRAL RAILWAY DIVISION OF VIJAYAWADA"
32	18481E0034	A Study on "Training and Development in East India Commercial Company Pvt. Ltd,"Eluru.	East India Commercial Company Pvt. Ltd,"Eluru.
33	18481E0036	A Study on "Currency Derivatives in Angel Broking Pvt. Ltd," Vijayawada.	Angel Broking Pvt. Ltd," Vijayawada.
34	18481E0037	A Study on "Derivatives Options in Share khan Pvt Ltd.," Vijayawada.	Share khan Pvt Ltd.," Vijayawada.
35	18481E0038	A Study on "cash flow analysis in VST industries Ltd," Vijayawada.	VST industries Ltd," Vijayawada.
36	18481E0040	A Study on "Funds Flow Analysis in G. S. Alloy Castings Pvt Ltd," Vijayawada	G. S. Alloy Castings Pvt Ltd," Vijayawada
37	18481E0041	A Study on "Employee Welfare in East India Commercial Company Ltd.," Eluru.	East India Commercial Company Ltd.," Eluru.
38	18481E0042	A Study on "Training and Development in RINL", Visakhapatnam.	RINL", Visakhapatnam.

39	18481E0043	A Study On "Cash Flow Analysis in Cormanadel International Limited, Vijayawada".	Cormanadel International Limited, Vijayawada".
40	18481E0044	A Study on "Ratio Analysis in Kusalava International Ltd., Vijayawada"	Kusalava International Ltd., Vijayawada"
41	18481E0045	A Study on "Cash Flow Statement in Atma Lubricants and Specialities Ltd., Vijayawada"	Atma Lubricants and Specialities Ltd., Vijayawada"
42	18481E0046	A Study on "Performance Evaluation Equity Mutual Funds of Various Fund Houses at Vijayawada"	A Study on "Performance Evaluation Equity Mutual Funds of Various Fund Houses at Vijayawada"
43	18481E0047	A Study on "Hr Policies In M/S. Kusalava Hyundai", Vijayawada	M/S. Kusalava Hyundai", Vijayawada
44	18481E0048	A Study on "Funds Flow Statement Analysis In M/S. L.I.C Employees Co-Operative Bank Ltd", Machilipatnam	M/S. L.I.C Employees Co-Operative Bank Ltd", Machilipatnam
45	18481E0049	A Study on "Effectiveness of training and development" in m/s. Creamline Dairy Product Limited,Hanuman junction.	m/s. Creamline Dairy Product Limited,Hanuman junction.
46	18481E0050	A Study On "Training And Development in M/S.Dr.Ntrgastro Care Pvt Ltd, Vijayawada".	M/S.Dr.Ntrgastro Care Pvt Ltd, Vijayawada".
47	18481E0052	A Study on "Inventory Management Through Ratio Analysis in M/s. Kwality Feeds Ltd, Gudivada".	M/s. Kwality Feeds Ltd, Gudivada".
48	18481E0053	A Study on "Employee Satisfaction towards Wage and Salary Administration" at South Central Railway, Vijayawada.	South Central Railway, Vijayawada.
49	18481E0054	A Study on "Stress Management in M/s. Kusalava Hyundai at Vijayawada".	M/s. Kusalava Hyundai at Vijayawada".
50	18481E0055	A Study on "Human Resources Development in Kusalava Hyundai at Vijayawada"	Kusalava Hyundai at Vijayawada"
51	18481E0056	A Study on "Financial Analysis through Ratios at M/s Kwality Feeds Ltd.,RAMANAPUDI"	M/s Kwality Feeds Ltd.,RAMANAPUDI"
52	18481E0057	A Study on Performance Evaluation of Selected Schemes in UTI Mutual Fund Vijayawada	UTI Mutual Fund Vijayawada
53	18481E0059	A Study on Inventory Management in Atma Lubricants and Specialties Pvt. Ltd., Vijatawada	Atma Lubricants and Specialties Pvt. Ltd., Vijatawada

54	18481E0060	A Study on Cost sheet Analysis in Kwality Feeds Limited, Ramanapudi	Kwality Feeds Limited, Ramanapudi
55	18481E0061	A Study on Performance Appraisal in Sangam Milk Procedure Company Ltd., Sangamjagarlamudi, Guntur.	Sangam Milk Procedure Company Ltd., Sangamjagarlamudi, Guntur.
56	18481E0062	A Study on Employee Welfare Measures in Kusalava Hyundai, Vijayawada	Kusalava Hyundai, Vijayawada
57	18481E0063	A Study on Training and Development in Hotel Fortuner Murali Park Pvt. Ltd., Vijayawada	Hotel Fortuner Murali Park Pvt. Ltd., Vijayawada
58	18481E0064	A Study on Financial Analysis in Gudivada Co-Operative Urban Bank Limited	Gudivada Co-Operative Urban Bank Limited
59	18481E0065	A Study on Work Life Balance with Emotional Intelligence in M/s. Kusalava Hyundai, Vijayawada	M/s. Kusalava Hyundai, Vijayawada
60	18481E0067	A Study on "Financial Analysis Through Comparative Balance Sheet in Kusalava International Ltd, Vijayawada"	Kusalava International Ltd, Vijayawada"
61	18481E0068	A Study on "Cash Flow Analysis in A4 Softech Pvt. Ltd., Hyderabad.	Softech Pvt. Ltd., Hyderabad.
62	18481E0069	A Study on "Employee Welfare Measures in M/s Lanco Kondapalli Power Plant"	M/s Lanco Kondapalli Power Plant"
63	18481E0070	A Study on "Customer Satisfaction Towards Hyundai Car"	A Study on "Customer Satisfaction Towards Hyundai Car"
64	18481E0071	A study on "Financial Analysis Through Ratios in Krishna District Cooperative Central Bank Ltd., Machilipatnam"	Krishna District Cooperative Central Bank Ltd., Machilipatnam"
65	18481E0072	A study on "Financial Analysis Through Comparative and Common size statements in Krishna District Cooperative Central Bank Ltd., Machilipatnam"	Krishna District Cooperative Central Bank Ltd., Machilipatnam"
66	18481E0073	A Study on "Performance Appraisal at M/s Growel Feeds Pvt Ltd., Chevuru village, Singarayapalem"	M/s Growel Feeds Pvt Ltd., Chevuru village, Singarayapalem"
67	18481E0074	A Study on "Non-Performing Assets at Krishna District Co-operative Bank, Kaikaluru"	Krishna District Co-operative Bank, Kaikaluru"
68	18481E0075	A Study on "Employee Welfare Measures at M/s Growel Feeds Pvt.ltd, chevuru village, Singarayapalem."	M/s Growel Feeds Pvt.ltd, chevuru village, Singarayapalem."

69	18481E0076	A Study on "Sales promotion in Sai Swarna Automobiles Pvt. Ltd, Vijayawada.	Sai Swarna Automobiles Pvt. Ltd, Vijayawada.
70	18481E0077	A Study on "Non-Performing Assets at M/s The Gudivada Co-operative Urban Bank LTD., Gudivada"	M/s The Gudivada Co-operative Urban Bank LTD., Gudivada"
71	18481E0078	A study on "Cash flow statement at Kusalava International Ltd., Vijayawada"	Kusalava International Ltd., Vijayawada"
72	18481E0079	A Study on "Funds Flow Analysis In K.C.P. Sugar and Industries Corporation Limited, Vuyyuru"	K.C.P. Sugar and Industries Corporation Limited, Vuyyuru"
73	18481E0080	A Study on Performance Evaluation of Equity Schemes in UTI Mutual Fund Vijayawada	A Study on Performance Evaluation of Equity Schemes in UTI Mutual Fund Vijayawada
74	18481E0081	A Study on " Effectiveness of Performance Appraisal System in M/s. Kusalava Hyundai " at Vijayawada.	M/s. Kusalava Hyundai " at Vijayawada.
75	18481E0083	A Study on " Funds Flow Statement in A4 Softech Pvt. Ltd , Hyderabad.	A4 Softech Pvt. Ltd , Hyderabad.
76	18481E0084	A Study on " Employee Job Satisfaction with reference to M/s. Kwaliti Feeds Ltd. ", Ramanapudi, Gudivada.	M/s. Kwaliti Feeds Ltd. ", Ramanapudi, Gudivada.
77	18481E0085	A Study on " Employee Job Satisfaction at South Central Railway ", Vijayawada.	South Central Railway ", Vijayawada.
78	18481E0086	A Study on " Employee Grievance " at Creamline Product Limited".	at Creamline Product Limited ".
79	18481E0087	A Study On " Employee Retention in M/S. Kwaliti Feeds, Ramanapudi , Gudivada".	M/S. Kwaliti Feeds, Ramanapudi , Gudivada".

Academic Year 2018-2019

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
6.	AFCONS-HYD	Public	Govt./ Private	25-03-2019	05-06-2019	1
7.	Aruna Sree Infra	Public	Govt./ Private	24-03-2019	06-06-2019	5
8.	BSCPL	Public	Govt./ Private	23-03-2019	07-06-2019	1
9.	Chinmaya Group of Constructions	Public	Govt./ Private	22-03-2019	08-06-2019	10
10.	Dalapathi	Public	Govt./ Private	21-03-2019	09-06-2019	8
11.	Dilip Build Con	Public	Govt./ Private	20-03-2019	10-06-2019	4
12.	Fortuna Construction	Public	Govt./ Private	19-03-2019	11-06-2019	1
13.	Grand Projects Capitol	Private	Govt./ Private	18-03-2019	12-06-2019	6
14.	HIMAJA CONSTRUCTIONS	Public	Govt./ Private	17-03-2019	13-06-2019	5
15.	HYD Road Development Corporation Ltd	Public	Govt.	16-03-2019	14-06-2019	3
16.	INSCAPE Design	Public	Govt./ Private	15-03-2019	15-06-2019	1
17.	Jai Durga	Public	Govt./ Private	14-03-2019	16-06-2019	9
18.	Jayabheari Constructions	Public	Govt./ Private	25-03-2019	05-06-2019	8
19.	KMV	Public	Govt./ Private	24-03-2019	06-06-2019	10
20.	L&T	Public	Govt.	23-03-2019	07-06-2019	8

21.	Lachan Infra	Public	Govt./ Private	22-03-2019	08-06-2019	1
22.	Lakshmi Infra	Private	Govt./ Private	21-03-2019	09-06-2019	6
23.	MADHUCON	Public	Govt./ Private	20-03-2019	10-06-2019	1
24.	Manasa Constructions	Public	Govt./ Private	19-03-2019	11-06-2019	1
25.	Manvee Constructions	Public	Govt./ Private	18-03-2019	12-06-2019	1
26.	Nagarjuna Constructions	Public	Govt./ Private	17-03-2019	13-06-2019	1
27.	NHAI	Public	Govt.	16-03-2019	14-06-2019	2
28.	Panchayat Raj-Narasaraopet	Public	Govt./ Private	15-03-2019	15-06-2019	1
29.	Power Mech	Public	Govt./ Private	14-03-2019	16-06-2019	5
30.	PRADEEP ASSOCIATES	Public	Govt./ Private	25-03-2019	05-06-2019	5
31.	R&B, Bantumilli	Private	Govt./ Private	24-03-2019	06-06-2019	4
32.	Raghu Infra	Public	Govt./ Private	23-03-2019	07-06-2019	1
33.	Rainbow Victus	Public	Govt./ Private	22-03-2019	08-06-2019	1
34.	Ram Entrprises	Public	Govt./ Private	21-03-2019	09-06-2019	1
35.	RVS Group PVT. Ltd	Public	Govt./ Private	20-03-2019	10-06-2019	5
36.	SCL Technologies	Public	Govt./ Private	19-03-2019	11-06-2019	5
37.	SLV Infra Structures	Public	Govt./ Private	18-03-2019	12-06-2019	5
38.	SNR	Public	Govt./ Private	17-03-2019	13-06-2019	5
39.	Soma Constructions	Public	Govt./ Private	16-03-2019	14-06-2019	2
40.	STBL	Private	Govt./ Private	15-03-2019	15-06-2019	10
41.	Sudharma Infra Tech	Public	Govt./ Private	14-03-2019	16-06-2019	13
42.	T&R constructions	Public	Govt./ Private	25-03-2019	05-06-2019	2
43.	TATA Projects	Public	Govt./ Private	24-03-2019	06-06-2019	1
44.	Vasatham Constructions	Public	Govt./ Private	23-03-2019	07-06-2019	1
45.	Vensar Constructions	Public	Govt./ Private	22-03-2019	08-06-2019	1
46.	Vigneswara Constructions	Public	Govt./ Private	21-03-2019	09-06-2019	6
47.	VIJ Toll Way Pvt Ltd	Public	Govt.	20-03-2019	10-06-2019	5
48.	Vizay Steel Plant	Private	Govt.	19-03-2019	11-06-2019	6
49.	Water Resources Dept	Public	Govt.	18-03-2019	12-06-2019	5
50.	Andhra Pradesh Heavy Machinery and Engineering Ltd, Kondapalli	Public	Govt.	27.5.2019	29.6.2019	02
51.	Andhra Pradesh State Skill Development Centre, Dassault Systems	Public	Govt.	01.05.2019	15.6.2019	62
52.	ARC 1.0 ,APSSDC- ECM, Applied Robot Control Laboratory,	Public	Govt.	27.07.219	03.10.2019	11
53.	Bharat Electronics Limited, Machilipatnam	Public	Govt.	06.05.2019	05.06.2019	24
54.	Bharat Heavy Electricals Limited, Hyderabad	Public	Govt.	22.5.2019	20.6.2019	09
55.	BRILLIANT TECH Academy,Hyderabad	Public	Private	01.05.2019	15.06.2019	03
56.	GS ALLOYS Castings Limited, Vijayawada	Public	Private	10.5.219	09.06.2019	04
57.	Hindustan Aeronautics Limited, Banglore	Public	Govt.	20.5.2019	19.06.2019	03
58.	Hindustan Petroleum Corporation Ltd	Public	Govt.	01.05.2019	15.06.2019	01
59.	HINDHUSTHAN SHIPYARD, Visakhapatnam	Public	Govt.	13.05.2019	10.06.2019	11
60.	KCP Sugar and Industries Corporation Limited, Lakshmipuram	Public	Private	01.05.2019	15.06.2019	01
61.	MARUTHI Suzuki India Limited, Haryana	Public	Private	06.05.2019	03 0.6.2019	01
62.	MEASURE INDIA Corporation Pvt Ltd, Hyderabad	Public	Private	10.5.2019	10.06.2019	03
63.	MSME- Tool Room, Vijayawada	Public	Govt.	15.05.2019	14.06.2019	02
64.	Nuclear Fuel Complex, Hyderabad	Public	Govt.	14.05.2019	13.06.2019	02
65.	The National Small Industries Corporation Ltd, Hyderabad	Public	Govt.	06.05.219	19.06.2019	30

66.	Prathap Industries, Vijayawada	Public	Private	30.05.2019	29.06.2019	03
67.	ICTL Precoat Panels Pvt.Ltd, Hyderabad	Public	Private	06.05.2019	05.06.2019	02
68.	Shoba Ano Prints, Hyderabad	Public	Private	01.06.2019	30.06.2019	01
69.	South Central Railway, Vijayawada	Public	Govt.	05.05.2019	15.06.2019	05
70.	VIZG STEEL PLANT, Visakhapatnam	Public	Govt.	06.05.2019	01.06.219	20
71.	DELL EMC & ICT Academy	Private	Private	07.05.2018	25.05.2018	271
72.	Miracle Software Solutions	Private	Private	09.05.2018	13.06.2018	1
73.	DELL EMC & ICT Academy	Private	Private	07.05.2018	25.05.2018	271
74.	Miracle Software Solutions	Private	Private	09.05.2018	13.06.2018	1
75.	South Central Railway	Public	Govt.	11.05.2018	23.06.2018	70
76.	Bharat Sanchar Nigam Limited	Public	Govt.	07.05.2018	02.06.2018	135
77.	National Small Scale Industry Corporation	Public	Govt.	09.05.2018	08.06.2018	52
78.	Micro, Small And Medium Enterprises	Public	Govt.	30.05.2018	29.06.2018	1
79.	Bharat Electronics Limited	Public	Govt.	07.05.2018	06.06.2018	12
80.	BHEL	Public	Govt.	10.05.2018 And 03.05.2018	08.06.2018 and 02.06.2018	2
81.	CYIENT	Public	Govt.	14.05.2018	15.06.2018	1
82.	GOOFFER	Private	Private	14.05.2018	14.06.2018	1
83.	ECIL	Public	Govt.	07.05.2018	06.06.2018	3

MoUs with Industries (minimum 3)

Branch	Details
CE	ONGC
	National Highways Authority of India (NHAI)
	CodeTantra Tech Solutions Pvt. Ltd., Hyderabad
EEE	Cellerite Systems Pvt Ltd.Hyderabad
	HITECH AUTOMATION, Vijayawada
	Voltino Systems LLP, 3-13-112/A, Srinivasapuram, Ramanathapura, Hyderabad-500013
ME	New Leaf Engineering Private Limited, Bangalore
	Central Institute of Plastics Engineering and Technology (CIPET), Vijayawada
	APSSDC Dassualt Systems 3D Experience Centre, Amaravathi
	APSSDC, ECM Germany and German Centre for Advanced Studies, Germany
	Better Castings, Vijayawada
	Brilliant Technologies, Hyderabad
	ICT Academy, Chennai
ECE	Efftronics Systems Pvt. Ltd., Vijayawada.
	Unistring Tech Solutions Pvt. Ltd., Hyderabad.(To be Renewed)
	Microlink Peripherals Controls Pvt. Ltd., Vijayawada.
	CodeTantra, Hyderabad
	Germany Center for Engineering and Management Studies UG Aachen, European Center for Mechatronics APS GmbH Aachen
	BSNL, Vijayawada Telecom District
	Texas Instruments /EdGate Technologies Pvt. Ltd., Bangalore
CSE	SmartBridge Educational Services Pvt. Ltd., Hyderabad
	CodeTantra Tech Solutions Pvt. Ltd., Hyderabad
	Electronics and ICT Academy of NIT, Warangal
	Andhra Pradesh State Skill Development Corporation

IT	CodeTantra Tech Solutions Pvt.Ltd,Hyderabad
	Electronics & ICT Academy of NIT, Warangal
	Andhra Pradesh state skill Development corporation
	Vijaya Srinivas smart solutions Pvt.Ltd
	Tekcrux Pvt.Ltd
	Techfort IT solutions India Ltd.
	1. Coign EDU & IT Services Pvt. Ltd
	2. Vijay Technologies

18. LoA and subsequent EoA till the current Academic Year

https://gecgudlavalleyu.ac.in/images/admin/pdf/1610956489_AICTE%20EOAs%201998%20TO%202020.pdf

19. Accounted audited statement for the last three years

https://gecgudlavalleyu.ac.in/audit_reports

20. Best Practices adopted, if any

- Effective student counselling
- Class Monitoring Committees.
- Industry Institute interaction.
- Guest lectures by Academicians & Industrial Experts.
- Distribution of Course Handouts.
- Sponsoring of faculty for Seminars/Workshops
- Maintenance of course files.
- Encouraging students to present technical papers in national and International seminars/workshops/Journals/Conferences by providing technical support and assistance.
- University results are increasing from semester to semester and special focus is placing on the weaker students.
- Special training programmes are organizing for both the staff and students on new softwares like STAAD PRO, Arc GIS etc.
- GATE mock test are conducted for the students of Pre final and Final year students for developing confidence in them to face the competitive examinations.
- Parents meeting will be conducted once in every academic year.
- Remedial classes are being conducted to slow learners for improving their academic performance.
- Medals and awards are constituted for attendance, best projects, academic results, GATE, Sports etc.
- Feed back on class room teaching is being taken twice in a semester.
- Department conducts staff meetings for review of academics and other related works.
- Our faculty members are actively participated in preparation of syllabus for Autonomous status.
- Faculty members are eligible for gratuity kind of payment if he/she continuously works for 5 years of service without break in this college.
- Faculty members are eligible for Health Insurance and personal accidents benefits.
- Professors are provided with free transportation facility and other faculty members with subsidized transportation.
- Our faculty members are also involving in designing and supervision of Building constructions of our institution and sister concerned institutions also.
- Our faculty members are also actively participating in doing consultancy work for government and private organizations and generated a revenue of around 10 lakhs for college.
- Our department has a students association of RACE (Royal Association of Civil Engineers) through which we are conducting the programmes like Essay writing, Quizes, Technical report writing etc. of academic interest and Songs competitions, Anthayakshari, Rangoli etc of cultural and co curricular activities of interest.
- Our department has also started the students chapter of "Institute of Engineers (I) through which we are organizing different technical activities for development of students ability to face the new challenges in civil engineering.

- Encouraging the faculty for pursuing their Ph.D in various IITs, NITs and Universities
- Alumni meet is arranged once in every year
- Innovation cell / Research centre is established to encourage the research among the faculty and the students
- Old end semester exam question papers are uploaded in the GEC Library web site for the benefit of the students
- Online attendance posting is also established by procuring E-CAP software
- The best outgoing student in the department is awarded
- Industrial visits are arranged every year for the students to have good practical exposure along with class room teaching
- Wi-Fi facility within the campus is arranged to all the faculty and students
- Alumni guest lecture is arranged once in every semester.
- Well defined procedures for budget allocation and their spending
- Student counseling is being done regularly with a mentor/counselor for every 20 students.
- Class Monitoring Committee meets twice in a semester to monitor the teaching-learning process.
- MEA, the students' association of the department conducts curricular and co-curricular activities.
- Industrial exposure to students through industrial visits.
- Motivational lectures on career guidance and opportunities are being arranged by alumni.
- Handouts, which contain objectives, outcomes, lesson plan and assignments in the respective subjects, are being supplied to the students at the beginning of each semester.
- Laboratories are open beyond working hours to facilitate the students for conducting of additional experiments
- Faculty development programme on communication skills.
- Mentoring system for the newly joined faculty by senior faculty.
- Gudlavalluru Engineering College organises Founder's Week Celebrations, a three day annual inter collegiate Technical, Literary, Cultural, Games & Sports Meet and also Technical exhibition, performances by celebrated and decorated artists.
- A memorial oration in the name and memory of the founder Sri V.V.R. Seshadri Rao, a person of national eminence.
- A three week Induction programme to bring awareness amongst the students about their chosen B.Tech. courses and to make the students comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.
- Encouraging students with certificates of excellence, gold medals, cash awards and certificates to create competitive, healthy learning environment and to have all round development of students.
- Faculty empowerment through participation in Governing Body, College Management Committee and various Institutional Committees.
- Inviting one of the prominent Alumni to the Board of Governors.
- Incentives to faculty for retention and academic advancement.
- Encouragement and support to students for their involvement and performance in Physical Education activities.

GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
GUDLAVALLERU - 521356, KRISHNA DISTRICT.

UG- B.Tech Programmes

Branch Wise Merit List of 'B' Category Seats for the Academic Year 2020-21

CIVIL ENGINEERING

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	LIKHITHA BONDAŁA	---	35883	9.21
2	TUMULURI VENKATA SATHWIK	---	83422	8.38
3	RAMBHA DILEEP KUMAR	---	87727	8.69
4	BAVISETTI NAGA VEERA VENKATA THARUN	---	89408	8.59
5	VEERANKI SURESH	---	120820	5.50
6	SADARLA ABHILASH	---	125932	5.15
7	PENKE NANI	---	---	8.71
8	ATLURI LAKSHMI GAYATHRI	---	---	7.67
9	CHILAKALAPUDI JAGADEESH	---	---	7.00
10	CHINTALA ABHIRAM	---	---	6.09
11	CHANDANA LEELA NAGA SAI KRISHNA	---	---	6.00
12	VAKA RAKESH BABU	---	---	6.00
13	VENIGALLA VIJAY KANTH	---	---	5.94

ELECTRICAL & ELECTRONICS ENGINEERING

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	KANUKOLLU RAJESWARA RAO	---	61588	7.92
2	PASUPULETI PAVAN KUMAR	---	75017	7.88
3	VALLABHANENI JITENDRA SATYA SRINIVAS	---	96753	7.46
4	VALLURU VINEETHA	---	105587	7.21
5	MARTHI NAGA SAHITHI	---	---	8.11
6	TUMMALA SRI HARSHA	---	---	7.40
7	BATHINA RAKESH	---	---	7.25
8	GOLLA NIKHIL SAI RAM	---	---	7.19
9	TUMMIDI DILEEP KUMAR	---	---	6.92


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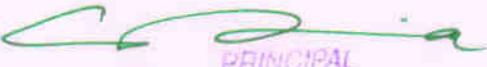
rdj

MECHANICAL ENGINEERING

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	KOLAPALLI MAHESH BABU	---	80654	8.94
2	KARPURAM SAI KRISHNA	---	81328	7.50
3	AVULA GOPI CHAND	---	89639	6.88
4	BEZAWADA CHARAN MANIKANTA	---	93924	5.36
5	GADIYAKARI ROHITH	---	98345	6.98
6	TIMMANA MANI KANTA	---	98844	7.00
7	DONEPUDI DINESH SAI	---	106418	6.34
8	PASTALA PREMNADH	---	110302	6.38
9	GALLA BHARGAV	---	116154	6.63
10	GADDE ROHITH KUMAR	---	118076	6.53
11	MADIVADA GEETHA NAGA SAIENDRA	---	118467	7.34
12	GOLLAPUDI MUKESH GUPTA	---	120115	6.73
13	CHITTIBOMMA KASIVISWANATH	---	123713	5.54
14	MOTUKURI MAHESH BABU	---	---	9.17
15	PADAMATA VAMSI	---	---	8.28
16	MURARI VAMSI NANCHARAIAH	---	---	8.03
17	MURALA BHANU PRAKASH	---	---	6.86
18	MOVVA DHARMIK NAGA SAI	---	---	6.57
19	PITCHIPATI NITHEESH KUMAR REDDY	---	---	6.53
20	BOLLA CHANDRA PAVAN KUMAR	---	---	6.09

ELECTRONICS & COMMUNICATION ENGINEERING

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	BEVARA BHARAT SAI	---	28190	9.50
2	GUMMADI LIKITHA	---	29013	9.61
3	GOLLA AMRUTHA SRI	---	30889	8.50
4	YARRAMSETTI JAYA DEEP	---	31275	9.61
5	NOWPADA LOHITH BALARAM RAJ	---	33212	9.46
6	CHITTAJALLU V V N SAI LAKSHMI	---	38290	9.71
7	MARRIVADA SIVA RAMA PRASAD	---	38385	8.59
8	MUNTA ANUPAMA LATHA	---	41112	9.50
9	CHALAVADI PAVAN	---	42788	8.82
10	KUNCHAKURI SAI SADHVIK	---	42873	8.29


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11	PAPISETTI GOWTHAMI	---	42977	9.67
12	DOPPALAPUDI SAI LOKESH CHOWDARY	---	43410	9.19
13	PEDDIREDDY RAJA SHEKAR REDDY	---	45027	9.61
14	KUPPALA TULASI PAVAN MANI KUMAR	---	46811	8.53
15	MUNTA Y N V VARA PRASAD	---	49189	8.38
16	VALLURU SAI KOWSHIK	---	50119	9.17
17	MATHI SAI RISHWANTH	---	50407	9.63
18	GANGULA KUMAR	---	50462	9.44
19	MANDALI VENKATA SIVA KARTHIK	---	52456	9.17
20	KATRAGADDA SWATHI	---	55718	8.86
21	SANAKA VENKATA KARTHIKEYA	---	56946	8.38
22	YETURI JANANI ACHYUTHA SRIVALLI	---	59065	8.98
23	CHAGANTIPATI BHANU PRAKASH	---	60118	9.13
24	SONIYA PEDDETI	---	60154	8.54
25	MIR MUTAHAR ABBAS BAQUARY	---	60416	9.04
26	ARJA SRI LAKSHMI	---	60540	8.69
27	MUDDINENI MANIKANTA	---	61098	8.86
28	SRI VENKATA KASYAP CHALLAPALLI	---	64786	8.79
29	MUTHIREDDY RAGHAVENDRA RAO	---	68581	8.69
30	SUNKARA SIVA TEJA SRUTHI	---	72474	8.75
31	POTLURI LAKSHMI CHAITANYA	---	73198	8.71
32	MALLAMPATI HARITHA	---	75303	9.29
33	POTARLANKA ADITYA VARDHAN	---	76384	8.29
34	RAMIREDDY USHA KUMARI	---	76791	9.07
35	GUNDU YUVA RADHA KRISHNA	---	82156	8.15
36	PANCHAKARLA HARI MANIKANTA	---	82344	8.98
37	MERE MANI PRACHAND	---	83207	8.17
38	CHANDANA SRI SIVA SANTHI PAVITHRA DEVI	---	85922	7.90
39	MALIREDDY VINEETHA	---	86405	8.44
40	MUKKOLLU SAI SUMA	---	87027	8.50
41	ANUMAKONDA VIJAY ROHIT	---	87350	7.82
42	CHEBOINA MEGHANA	---	87906	8.28
43	JAMMALAMADAKA MOHANA MUKUNDA KRISHNA	---	88223	7.21
44	MYLAVARAPU MANOJ KUMAR	---	91770	8.00
45	TIRUMALASETTY AJAY KUMAR	---	93471	7.42
46	JUJUVARAPU VARSHIT	---	100267	7.03


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GUDLAVALLERU-521356

47	MALIREDDY KAVYA REDDY	---	111208	5.78
48	ARIGE PRASANNA SAI MOHAN	---	117346	7.29
49	MAGANTI KALYAN	---	118964	6.25
50	GANJI PRASANNA PUJITHA	---	---	9.40
51	NAGULAPATI NAGA PAVAN	---	---	9.23
52	ANDRAJU RAVINDRANADH TAGORE	---	---	8.78
53	KOLUSU VISWA TEJA	---	---	8.75
54	BHAVIREDDY BHARGAVI	---	---	8.71
55	KURAPATI AMARNADH	---	---	8.65
56	DOKKU SETHU CHANDANA	---	---	8.65
57	KAMMELA SRI RAMYA	---	---	8.61
58	BOLLIMUNTHA LAKSHMAN KUMAR	---	---	8.44
59	VARUDU RATNA BHAVANI	---	---	8.38
60	NUKALA GOWTHAM NAIDU	---	---	8.36
61	SHAIK MOHAMMAD JAWHARULLA	---	---	7.84
62	HANUMANTHU LOKESH	---	---	7.79
63	KOTTI SAI SIVA KESAVA	---	---	7.71
64	SYED MOHAMMED AMEER	---	---	7.50
65	CHANDANA SAI RAKESH	---	---	7.34
66	JALDU DILEEP SAI NADH	---	---	7.17
67	SANAKA GNANA PAVAN KUMAR	---	---	6.94
68	LINGAMSETTI PAVAN PRASAD	---	---	6.71
69	MERUGUMALA SAI KRISHNA	---	---	6.36
70	MANDLAPARTHI V SUBRAMANYESWARA SRINIVAS	---	---	5.90

COMPUTER SCIENCE & ENGINEERING

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	VANKAYALAPATI ROHITH	---	23376	9.59
2	KAKUMANU BALAJI	---	24988	9.59
3	KURAPATI SAI SANSTHOSH	---	28094	9.40
4	SAMA TARAKA MADHAVA REVANTH	---	31058	8.98
5	PAVULURI SUMANTH SAI	---	32551	9.63
6	ATLURI SAI SAKETH	---	33241	9.94
7	KODURU HAASITHA	---	33978	8.90

8	VANGA CHAITANYA	---	37446	9.54
9	GADAMSETTI L N DIVITHA	---	39973	9.32
10	KANURI SRI SAI LAHARI	---	40149	9.15
11	GABBITA SAI SRIKAR	---	41354	8.57
12	JAKKA NAGA SAI RAM	---	42558	9.25
13	MANGIPUDI BINDU SRIHITHA	---	44136	9.00
14	ENIKE CHARAN KUMAR	---	47915	9.78
15	REGULA VIJAYENDER	---	47973	9.04
16	BORRA HIMAKAR	---	49606	9.54
17	TRIPURANENI DIVYA PHANI	---	49732	8.65
18	YARRAMSETTY GURU VENKATA VISWATH	---	50307	9.88
19	KATTA NIKITHA	---	52372	9.63
20	PABOLU VASAVI SIRISHA	---	53778	9.11
21	MARRIVADA SANJANA	---	55877	8.73
22	MODEPALLI VIGNESH	---	56740	9.40
23	VEERANKI SAI CHAITANYA	---	56759	9.23
24	PENNERU NAGA SURENDRA BABU	---	57932	8.88
25	KATTA NISHITHA	---	59720	9.28
26	JAYASRI PEPETI	---	60958	9.50
27	JANGAM SANDHYA	---	65695	9.34
28	PUVVADA SAI VAMSI	---	68197	9.09
29	DARA BHARATH SRI VAMSI	---	70063	7.59
30	BATCHU SIVA SIVANI	---	70199	8.19
31	GUMMADI NIKHILESH	---	77067	7.53
32	GUGGILAPU LAVANYA SAI	---	78062	9.23
33	GUNNAM KARTHIK	---	80069	7.57
34	N VENAKATA VEERAHANUMAN KURAPATI	---	80109	7.96
35	DUTTA TEJASWI	---	80457	8.53
36	KAMBHAMPATI VISHNU SHARMA	---	83649	7.28
37	GUJJULA RADHA SHALINI	---	83713	7.88
38	GUDISEVA PRAKASH BABU	---	84362	6.94
39	KANCHI YASWANATH SAI	---	85161	8.07
40	NERUSU LAKSHMI PRASANNA	---	87879	8.13


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 GUDLAVALLERU-521356

17

41	SAI ANIRUDH VEMULA	---	88880	7.94
42	YALAMANCHI JAHNAVI	---	89153	7.57
43	JONNALA HARSHITHA REDDY	---	90883	7.03
44	KODALI SRINIVAS	---	91100	6.92
45	MUMMADISETTY BHOGEENDRA NAIDU	---	93480	8.15
46	BHUPATHIRAJU ESWARA VARMA	---	94130	7.11
47	ROSHAN RISHI SRAVANAM	---	94580	8.00
48	VADAVALLI HASRIMANI SANDHYA HARSHITHA	---	97865	7.86
49	KOTAMRAJU REVANTH SAI KARTHIK	---	99540	6.65
50	TUMMALA VAMSI NANDAN	---	107611	6.84
51	P K SAI MADHAV	---	116411	5.90
52	SOMISETTY SURYA TEJ KARTHIK GUPTHA	---	122539	5.69
53	MANDADAPU CHIRANJEEVI CHITRASIMHACHOWDARY	---	---	9.00
54	PATHAN SUBHANI KHAN	---	---	8.70
55	SAGIRAJU SRINIVASA RAJU	---	---	8.63
56	MEKA LAKSHMA REDDY	---	---	8.44
57	ANNAM MANOJ VENKATA SAI	---	---	8.34
58	CHALAMALASETTI DINESH	---	---	8.19
59	SAJJA JYOTHSNA	---	---	8.09
60	YARLAGADDA NAGA SANDEESH	---	---	8.04
61	EDAY MADHUKAR	---	---	8.04
62	AVANIGADDA MANOJ KUMAR	---	---	7.94
63	RAMBA MURALI KRISHNA	---	---	7.90
64	KALLURI CHANDRA	---	---	7.75
65	POKALA KIRAN	---	---	7.75
66	DAMA HITHISH	---	---	7.69
67	ABDUL ALEEM	---	---	7.67
68	GUMMADI VENKATA GOPI CHAND	---	---	7.25
69	RAJANALA SURYA	---	---	6.90
70	UPPALAPU YOGANANDA VAMSI KRISHNA	---	---	6.90
71	INDUKURI ANISH VARMA	---	---	6.36
72	SURAPANENI MOUNIKA	---	---	6.17


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 GUDLAVALLERU-521356

INFORMATION TECHNOLOGY

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	ANKAM DHARSHITHA	---	25130	9.94
2	BEDAPUDI SATHWIK RANI	---	27721	9.65
3	DEVARAKONDA SRIVALLI VYSHNAVI	---	29904	9.04
4	CHIRIVELLA VAISHNAVI DEVI	---	30806	9.57
5	JONNALA VEERA VENKATA SAI KRISHNA	---	31305	9.69
6	KOTTE VAMSI	---	45080	9.03
7	SESHAM RAVI TEJA	---	45407	9.59
8	MANDARAPU HEMANTH	---	47969	9.48
9	PETETI HARSHITHA	---	50869	9.42
10	NEKKALAPUDI KARTHIKA	---	51325	8.92
11	RAJULAPATI VENKATA SAI GOPI	---	51699	8.67
12	DOKKU MOHITH KUMAR YADAV	---	58260	8.23
13	TALLURI LOKESH SAI KUMAR	---	61333	8.46
14	KATEPALLI ANITHA	---	62411	8.69
15	GOLLA SIVA KRISHNA CHAITANYA VARMA	---	62447	9.00
16	TALASILA LAHARI	---	66492	9.07
17	KONA UMA	---	66684	8.79
18	BEULAH PALLAPOTHU	---	67951	8.48
19	EEDENARASIMHA NAG	---	70233	8.86
20	AVULA BHUMIKA	---	81574	8.32
21	KUNAPAREDDY SAI CHARAN TEJA	---	86177	7.84
22	CHENNUPATI SUSHMA	---	91284	7.36
23	GUNTUKU DURGA SURENDRA KUMAR	---	92533	8.28
24	RAMINENI ESWAR CHOUDARY	---	92850	6.78
25	NADELLA VENNELA	---	93304	8.21
26	BALLAMUDI PUNEETH VENKATA SAI LAKSHMAN	---	95402	7.29
27	KUNTA DHANUSH KUMAR	---	95683	7.32
28	GUTTIKONDA KIRANNMAHY	---	98314	6.36
29	SUNKARA ESWAR SUBHASH	---	103953	6.36
30	PENUMUDI NAGA SWETHA	---	105641	6.88
31	KUNDURU ANIRUDH RAM NAGA SRI SREYESH	---	108176	6.40
32	KUMMARI UDAY KIRAN	---	109036	6.63
33	THOTA HITESH NAIDU	---	110235	6.21


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 Gudlavalluru Engineering College
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175

34	UPPUGANDLA RADHA KRISHNA	---	114327	8.46
35	LAVU BHAVYA MOHANA	---	114928	7.54
36	BRUNDHAVANAM VASU VAMSI KRISHNA	---	114952	7.34
37	RAJULAPATI KARTHIK	---	115411	6.88
38	TALASILA SAAHNI	---	118705	6.28
39	CHILAMAKURTHI KARTHIK ESHWAR	---	120039	6.25
40	TIRUMALA MOUNIKA	---	---	8.53
41	BANDE BHAVYA SRI	---	---	8.17
42	BODDU NAVEEN	---	---	7.90
43	CHALUVADI UDAYINI	---	---	7.88
44	MAROTHU TARUN KUMAR	---	---	7.75
45	MANUKONDA DEVENDRA SRI VENKATA RAMANA	---	---	7.48
46	PANCHAKARLA BAIDYANADH	---	---	7.23
47	KAKANI MEGHANA RAMA THULASI	---	---	6.96
48	GANDEPALLI YASHWANATH	---	---	6.75
49	RAYALA RAJESH	---	---	6.48
50	MANDAVA GIRIDHARA SUNDAR	---	---	6.46
51	KAMISSETTI SRIHARI	---	---	6.46
52	KOYYANA TARUN SAI	---	---	6.23
53	KILARI SOMA SIVA KISHORE	---	---	5.90
54	KOLLI SURYA KRISHNA SRI	---	---	5.86

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	GARIKIPATI LOHITH	---	19361	9.27
2	DHANEKULA HEMANTH KALESWARA CHOWDARY	---	22625	9.63
3	KAMMA HARIKA	---	26253	9.42
4	TUMMALAPALLI S L VENKATA SAI NIKHITHA	---	30905	9.82
5	TIKKISSETTI DEVI VENKATA KARTHIK	---	48758	9.28
6	BOYINA VENKATA MANASA	---	72133	8.88
7	TALLURI ANIRUDH KUMAR	---	78074	8.71
8	VATTIKUTI HEMA NAGA SAI SRI	---	80070	8.32
9	JAKKIREDDY KARTHIKA VENKATA SATISH REDDY	---	85864	7.67
10	DODDAKULA SOMA VENKAT	---	88305	8.57
11	CHANDANA SIVA NAGA PRAKASH	---	91659	7.71
12	BONAM OMYA RANI	---	92178	7.54

13	MUNAGALA MOHITHA	---	96270	7.94
14	KODAVALLA RAGHAVENDRA	---	---	9.79
15	MODUGUMUDI VENKATESH	---	---	7.73
16	JANGA SAI PURANDHAR REDDY	---	---	7.48
17	KOTHAPALLI PUSHPA SAI KAVYA	---	---	7.21
18	CH H N V SAI KUMAR	---	---	6.46

INTERNET OF THINGS

SL NO	Name of the Candidate	JEE/ AIEEE RANK	AP EAMCET RANK	INTER CGPA
1	BORRA TARUN	---	43988	8.94
2	JAKKULA BABY SREYA	---	45717	8.14
3	PALA SUSHMA JANAKI	---	49837	8.86
4	JANDYALA SASIDHAR	---	51255	9.65
5	KANCHARLA KAVYA TULASI	---	58667	8.46
6	DASARI NAGA LOKESH	---	60858	9.44
7	CHIGATAPU TEJA MANI SUBHASH	---	77312	9.29
8	TADEPALLI PREMA SATYA JYOTHI	---	78826	7.96
9	KANTHETI N V D VIJAYA SAI ANEESH	---	79861	6.75
10	BADAM ESWAR PRASAD	---	80058	7.59
11	PASAM SIVA MEGHANA	---	---	6.78
12	VENNA MOHAN DURGA RAGHAVA NAIDU	---	---	5.34


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GUDLAVALLERU - 521356, KRISHNA DISTRICT.

PG- MBA

Merit List of 'B' Category Seats for the Academic Year 2020-21

SL NO	NAME OF THE CANDIDATE	I -CET RANK	DEGREE CGPA
1	JUPALLI MOUNIKA	10340	8.05
2	BOPPUDI VENKATA SAI KRISHNA	13382	7.04
3	PURITIPATI MANVITHA	13426	6.66
4	NALLURI SUNDHAR SINGH	30833	5.89
5	MOHAMMAD ZAREENA	36087 //	7.10
6	MANNE LAKSHMI NAGASIRISHA	-----	8.91
7	NANNEPUNENI TRISHA	-----	7.82
8	DOKKU NAVYA	-----	7.20
9	GUDAPATI SRICHARAN	-----	7.00
10	BANDI DIVYA TEJASWI	-----	6.94
11	NALLURI VENKATA ANAND NARASIMHA MURTHI	-----	6.90
12	GOLLAPALLI USHASRI	-----	6.68
13	BADINA RAMU	-----	5.82


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