

MANDATORY DISCLOSURE 2019

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. P. Ravindra Babu  
: 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	Prof. G. Aravinda Ghosh	M.Tech
9	Sri K. Raghavaiah	B.E
10	Sri D. Rama Krishna	M.Tech
11	Mrs. K. Rama Devi	M.Tech
12	Mr. N. Bhanu Gopal	M.Tech
13	Dr. S. R. K. Reddy	Ph.D
14	Dr. P. Nageswara Reddy	Ph.D
15	Prof. G. R. C. Reddy	Ph.D
16	Nominee of AICTE	-
17	Sri J. Satyanarayana Murthy	-
18	Dr. K. Ramu	Ph.D
19	Dr. P. Ravindra Babu	Ph.D

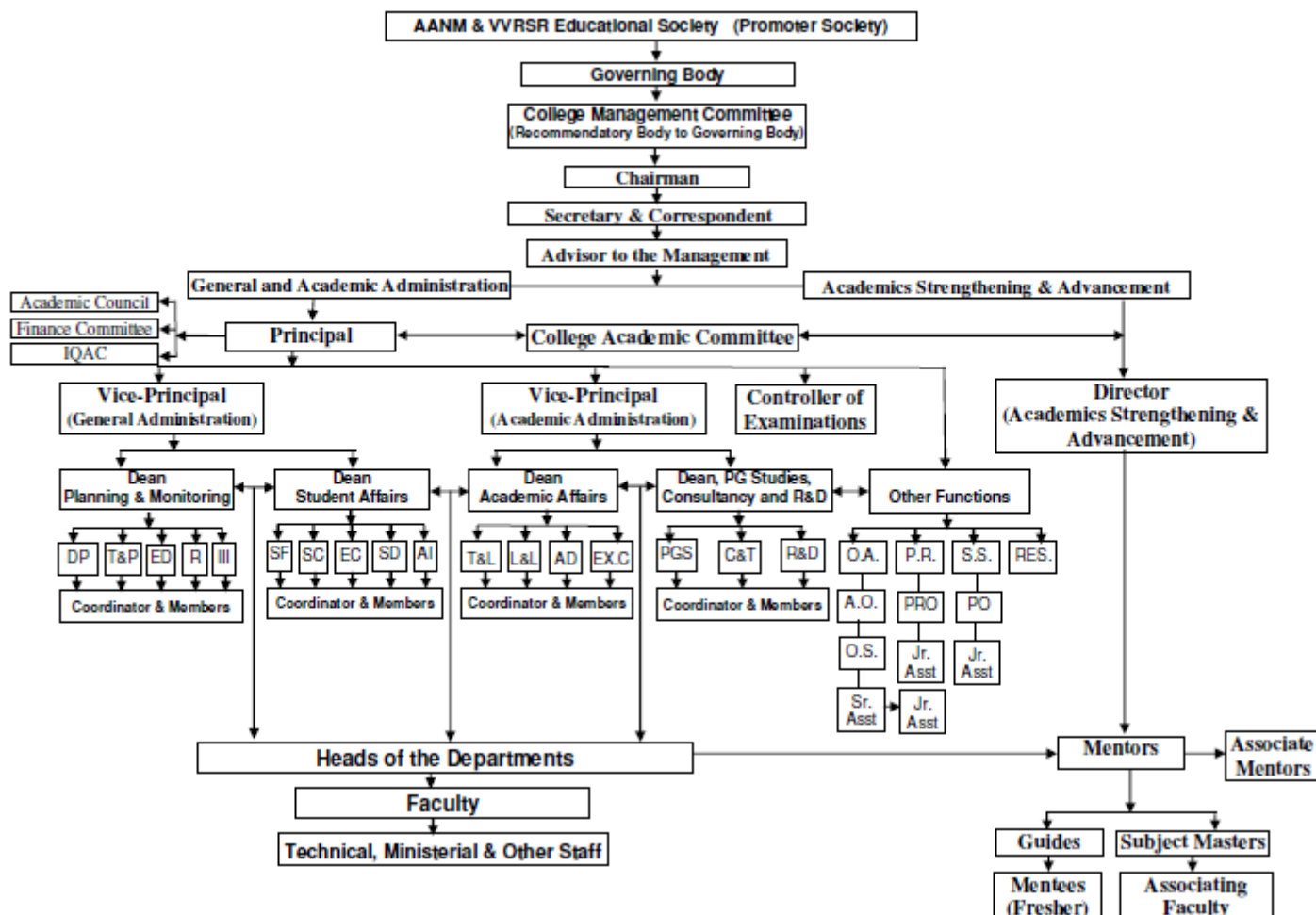
• **Members of Academic Advisory Body**

College Academic Committee

<b>S.No.</b>	<b>Name</b>	<b>Designation</b>
1	Dr. P. Ravindra Babu	Principal
2	Dr. G. V. S. N. R. V. Prasad	Vice Principal - Academics
3	Dr. B. Karuna Kumar	Vice Principal - Administration
4	Dr. S. R. K. Reddy	Advisor to the Management
5	Dr. P. Nageswara Reddy	Professor of ME & Director (AS&A)
6	Dr. P. Kodanda Rama Rao	Professor and Head, CE
7	Dr. G. Reddy Babu	Professor of CE
8	Dr. L. Ravi Srinivas	Professor and Head, EEE
9	Dr. M. Siva Kumar	Professor of EEE
10	Dr. K. Alice Mary	Professor of EEE
11	Dr. G. Srinivasa Rao	Professor of EEE
12	Dr. D. Srinivasa Rao	Professor of EEE
13	Dr. M. R. Ch. Sastry	Professor and Head, ME
14	Dr. A. Jawahar Babu	Professor of ME
15	Dr. K. Syam Sundar	Professor of ME and Controller of Exams (Autonomous)
16	Dr. V. V. K. V. D. Prasad	Professor and Head, ECE
17	Dr. A. V. N. Tilak	Professor of ECE
18	Dr. M. Kama Raju	Professor of ECE
19	Dr. K. Naga Prakash	Professor of ECE
20	Dr. Ravi Srinivasa Rao	Professor of ECE
21	Dr. Y. Rama Krishna	Professor of ECE
22	Dr. D. Ravi Krishna Reddy	Professor of ECE
23	Dr. Ch. Balaswamy	Professor of ECE
24	Dr. S. Narayana	Professor and Head, CSE
25	Dr. M. Babu Rao	Professor of CSE
26	Dr. Ch. Kavitha	Professor and Head, IT
27	Dr. M. V. L. N. Raja Rao	Professor of IT
28	Dr. Ch. Nirmalchand	Professor and Head, MBA
29	Dr. G. S. Bhaskara Rao	Professor and Head, BS&H
30	Dr. M. Vijaya Lakshmi	Associate Professor and Head, English
31	Sri D. Surendra Babu	Officer-In-Charge – Exams (JNTUK)
32	Sri K. Sai Krishna	TPO
33	Sri N. Rama Rao	Librarian
34	Sri M. Siva Sankar	Asst. Director of P.Ed.
35	Sri V. Vinayaka Rao	Administrative Office

- Frequently of the Board Meeting and Academic Advisory Body

## ORGANIZATION CHART



- **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 2018-19.

Sl. No.	Name of the Member	Designation	Anti-Ragging Committee
1	Dr. P. Ravindra Babu	Principal	Chairman
2	Dr. B. Karuna Kumar	Vice Principal - Administration	Convener
3	Dr. G.V.S.N.R.V. Prasad	Vice Principal – Academics	Member
4	Dr. A.V.N. Tilak	Professor of ECE	Member
5	Dr. P. Kodanda Rama Rao	Professor & Head, CE	Member
6	Dr. L. Ravi Srinivas	Professor & Head, EEE	Member
7	Dr. M. R. Ch. Sastry	Professor & Head, ME	Member
8	Dr. V. V. K. D. V. Prasad	Professor & Head, ECE	Member
9	Dr. S. Narayana	Professor & Head, CSE	Member
10	Dr. Ch. Kavitha	Professor & Head, IT	Member
11	Dr. G.S. Bhaskara Rao	Professor & Head, BS&H	Member
12	Dr. M. Vijayalakshmi	Assoc. Prof. & Head, English	Member
13	Dr. Ch. Nirmal Chand	Professor & Head, MBA	Member
14	Mrs. T. Venkata Lakshmi	Associate Professor of ECE	Member
14	Mr. D. K. Pavan Kumar	Sr.Gr. Assistant Professor in Maths and Warden (Boys Hostel)	Member
15	Sri K. Ch. Kishor Kumar	Associate Professor and Transport Incharge	Member
16	Mrs. K. Swarna Mary	Mandal Revenue Officer Gudlavalleru	Member
17	Mr. P. Vijaya Kumar	Sub Inspector of Police Gudlavalleru	Member
18	Sri M. Satti Raju	Local Parent	Member
19	Sri L. Srinivasa Rao	Local Parent	Member
20	Sri Allam Srinivas	Local Parent	Member
21	Sri P. Venkatrao	Local Parent	Member
22	Sri A. Satyanarayana	Local Parent	Member
23	Smt. P. Srilatha	Local Parent	Member
24	Sri Ch. Srinivasa Rao	Public Relations Officer	Member
25	Mr. M. Siva Sankar	Assistant Director of Phy.Edu.	Member
26	Mr. G. Sudhakar	Assistant Director of Phy.Edu.	Member
27	Mr. Vijay Babu Katuri	Security Officer	Member
28	Mr. G. Soma Raju	Senior Assistant, Office	Member
29	Mr. S. Koteswara Rao	Technician, ME	Member
30	Mr. Y. Srinivas	Hardware Manager, ECE	Member
31	Ms. Alaparathi Manasa Roll No.16481A0104	III B.Tech Student, CE	Member
32	Mr. Kaja Venkata Sai Durga Rao Roll No.17485A0105	III B.Tech Student, CE	Member
33	Mr. Singaluri Karthik Ram Roll No.16481A01C2	III B.Tech Student, CE	Member

34	Ms. Gurrala Meenakshi Roll No.16481A0239	III B.Tech Student, EEE	Member
35	Mr. R. Yaswantha Someswara Rao, Roll No.16481A0293	III B.Tech Student, EEE	Member
36	Mr. Shaik Akmal Roll No.17485A0202	III B.Tech Student, EEE	Member
37	Ms. A. Viraja Syamanagasai Roll No.16481A0304	III B.Tech Student, ME	Member
38	Mr. Edupuganti Stephen Roll No.16481A0341	III B.Tech Student, ME	Member
39	Ms. K.Bindu Naga Krishna Sahithi, Roll No.16481A0375	III B.Tech Student, ME	Member
40	Ms. Ande Madhu Priya, Roll No.16481A0409	III B.Tech Student, ECE	Member
41	Mr. Yenugu Naga Viswaja Roll No. 16481A04N9	III B.Tech Student, ECE	Member
42	Mr. Mohammad Farizul Azmain Roll No.16481A04E3	III B.Tech Student, ECE	Member
43	Ms. Battula Mounika Roll No.16481A0520	III B.Tech Student, CSE	Member
44	Ms. Veernala Vijayanti Roll No.16481A05M6	III B.Tech Student, CSE	Member
45	Ms. Mamidibathula Ramya Roll No.16481A05C3	III B.Tech Student, CSE	Member
46	Ms. Athukuri Sri Lakshmi Pujitha Roll No.16481A1201	III B.Tech Student, IT	Member
47	Ms. Chori Dharani Teja Roll No.16481A1218	III B.Tech Student, IT	Member
48	Ms. Vaddevalli Nandini, Roll No.16481A12A4	III B.Tech Student, IT	Member
49	Mr. Abdul Mubeen, Roll No.17481E0001	II MBA Student	Member
50	Ms. N. Sai Padmaja Roll No.17481E0062	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. 02-07-2018.

Sl. No.	Name of the Person and Details		IQAC Committee
1	Dr. P. Ravindra Babu	Principal	Chairman
2	Dr. G V S N R V Prasad	Vice Principal - Academics	Member
3	Dr. B. Karuna Kumar	Vice Principal – Administration	Member
4	Dr. S.R.K. Reddy	Professor of CE (Management Representative)	Member
5	Dr. P. Nageswara Reddy	Professor of ME & Director (AS&A)	Member
6	Sri V. Vinayaka Rao	Office Superintendent	Member
7	Dr. P. Kodanda Rama Rao	Professor & Head, Department of CE	Member
8	Dr. L. Ravi Srinivas	Professor & Head, Department of EEE	Member
9	Dr. M. R. Ch. Sastry	Professor & Head, Department of ME	Member
10	Dr. V. V. K. D.V. Prasad	Professor & Head, Department of ECE	Member
11	Dr. S. Narayana	Professor & Head, Department of CSE	Member
12	Dr. Ch. Kavitha	Professor & Head, Department of IT	Member
13	Dr. Ch. Nirmal Chand	Professor & Head, Department of MBA	Member
14	Dr. G.S. Bhaskara Rao	Professor & Head, Department of BS&H	Member
15	Dr. M. Vijaya Lakshmi	Associate Professor & Head, Dept. of English	Member
16	Dr. K. Syam Sundar	Professor of ME and COE	Member
17	Mr. D. Srinivasa Rao	Associate Professor, Department of EEE	Member
18	Dr. Ch. Suresh Babu	Associate Professor, Department of IT	Member
19	Dr. R. Swetha	Assistant Professor of Maths, Dept. of BS&H	Member
20	Dr. S. Madhavi	Assistant Professor, Department of MBA	Member
21	Mr. N. Rama Rao	Librarian	Member
22	Dr. Bandaru Syam Kumar	Chandrala Post, Singaluru Village, Gudlavalluru Mandal (Member from Local Society)	Member
23	Ms. Athukuri Sri Lakshmi Pujitha	Student Representative	Member
24	Sri Vallurupalli Venkata Kiran	Alumni Representative	Member
25	Sri D. Anvesh	Executive Manager, Efftronics Systems Pvt. Ltd. 40-15-9, Brundavan Colony Vijayawada – 520 010. (Member from Industry)	Member
26	Mr. Vinay Ramesh	Campus Lead – Talent Acquisition Group, MINDTREE, Bengaluru, #150, Shivaji Nagar, KIADB, EPIA, White Field, Bengaluru – 560066.	Member
27	Sri T. Sudhakar	Executive Engineer, APSPDCL, H.No.80-11-136, Vivek Nagar, Kurnool – 518002 (Member from Stakeholders)	Member
28	Dr. M. Kamaraju	Professor of ECE & Mentor (AS&A)	Coordinator

## 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  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	Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, and Information Technology
Status of Accreditation of the Courses:	
Total number of Courses	6
No.of Courses for which applied for Accreditation	6
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		<b>Civil Engineering</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
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		57471	87973	124348	40288
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.8	1.5	1.5	1.5
	Maximum salary	2.4	4.4	4.0	3.4
	Average salary	2.2	2.5	2.5	2.6

Name of the Department		<b>Electrical and Electronics Engineering</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
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		51768	131048	133308	82442
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.8	1.5	1.5	1.5
	Maximum salary	3.6	4.4	4.0	3.4
	Average salary	2.6	2.5	2.5	2.6

Name of the Department		<b>Mechanical Engineering</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
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		95805	108817	110383	40418
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.5	1.5	1.5	1.5
	Maximum salary	3.6	4.4	4.0	3.4
	Average salary	2.4	2.5	2.5	2.6

Name of the Department		<b>Electronics and Communication Engineering</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
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		23059	64665	27156	17309
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.8	1.5	1.5	1.5
	Maximum salary	6.2	4.4	4.0	3.4
	Average salary	3.3	2.5	2.5	2.6

Name of the Department		<b>Computer Science and Engineering</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
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		19650	17097	21595	17097
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.8	1.5	1.5	1.5
	Maximum salary	10.5	4.4	4.0	3.4
	Average salary	3.5	2.5	2.5	2.6

Name of the Department		<b>Information Technology</b>			
Level		UG			
Last three years		2018-19	2017-18	2016-17	2015-16
Number of seats		120	120	120	120
Duration		4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years		45908	88212	106201	33505
Fee		81600	81600	81600	63000
Placement facilities					
Campus placement	Minimum salary	1.8	1.5	1.5	1.5
	Maximum salary	4.6	4.4	4.0	3.4
	Average salary	3.1	2.5	2.5	2.6



Name of the Department	<b>Civil Engineering</b>				
Level	<b>PG – Structural Engineering</b>				
Last three years	2018-19	2017-18	2016-17	2015-16	
Number of seats	24	24	24	24	
Duration	2 Years	2 Years	2 Years	2 Years	
Cut off marks / rank of admission during the last three years	5111	6203	4897	3431	
Fee	70000	70000	70000	57000	
Placement facilities					
Campus placement	Minimum salary	-	1.5	1.5	1.5
	Maximum salary	-	4.4	4.0	3.4
	Average salary	-	2.5	2.5	2.6

Name of the Department	<b>Electrical and Electronics Engineering</b>				
Level	<b>PG – Power Electronics and Electric Drives</b>				
Last three years	2018-19	2017-18	2016-17	2015-16	
Number of seats	24	24	36	36	
Duration	2 Years	2 Years	2 Years	2 Years	
Cut off marks / rank of admission during the last three years	2644	3370	3389	5609	
Fee	70000	70000	70000	57000	
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department	<b>Mechanical Engineering</b>				
Level	<b>PG – Machine Design</b>				
Last three years	2018-19	2017-18	2016-17	2015-16	
Number of seats	24	24	24	24	
Duration	2 Years	2 Years	2 Years	2 Years	
Cut off marks / rank of admission during the last three years	3592	4335	3672	4010	
Fee	70000	70000	70000	57000	
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department	<b>Electronics and Communication Engineering</b>				
Level	<b>PG – Embedded Systems</b>				
Last three years	2018-19	2017-18	2016-17	2015-16	
Number of seats	24	24	36	36	
Duration	2 Years	2 Years	2 Years	2 Years	
Cut off marks / rank of admission during the last three years	2642	4051	5123	6788	
Fee	70000	70000	70000	57000	
Placement facilities					
Campus placement	Minimum salary	-	-	-	-
	Maximum salary	-	-	-	-
	Average salary	-	-	-	-

Name of the Department	<b>Computer Science and Engineering</b>			
Level	<b>PG – Computer Science and Engineering</b>			
Last three years	2018-19	2017-18	2016-17	2015-16
Number of seats	24	24	36	36
Duration	2 Years	2 Years	2 Years	2 Years
Cut off marks / rank of admission during the last three years	5151	2278	3105	6052
Fee	70000	70000	70000	57000
Placement facilities				
Campus placement	Minimum salary	-	-	-
	Maximum salary	-	-	-
	Average salary	-	-	-

Name of the Department	<b>Master of Business Administration</b>			
Level	PG			
Last three years	2018-19	2017-18	2016-17	2015-16
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	12932	34795	11321	11047
Fee	41600	41600	41600	34100
Placement facilities				
Campus placement	Minimum salary	2.4		
	Maximum salary	3.0		
	Average salary	2.6		

## 7. Faculty

Branch wise list Faculty members	www.gecgudlavalleru.ac.in							
Permanent Faculty								
Adjust Faculty								
Permanent Faculty: Student Ratio								
No. of Faculty Joined and Left during the last three years	2018-19		2017-18		2016-17		2015-16	
	Joined	Left	Joined	Left	Joined	Left	Joined	Left
	39	109	40	39	87	64	159	86

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

www.gecgudlavalleru.ac.in

## 9. Fee

Details of fee, as approved by State Fee Committee, for the Institution	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	2018-19	UG: 1140		PG: 240	
Number of Students admitted under various categories each year in the last three years	AY	Category A	Category B	Category A	Category B
	2018-19	707	238	108	24
	2017-18	748	255	126	31
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
	2018-19	247	24	238	24
2017-18	271	31	255	31	

## 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	702
	APECET	213
	APICET	74
	APPGECT	31
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, APPGECT) 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 of merit	Merit							
List of candidate who have been offered admission	List Enclosed Annexure - B							
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	Total
	Joined	18	14	31	70	72	33	238
	Vacancy	36	40	23	2	0	3	104
	PG – M.Tech						PG – MBA	
		SE	PEED	MD	EM	CSE	MBA	Total
	Joined	7	0	0	3	1	13	24
	Vacancy	1	8	8	5	7	23	52

### 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	Number of Titles	Number of Volumes	Reference Books	Book Bank	e-Books	Print Journals	e-Journals
CIVIL	3	947	4196	461	1115	1358	17	115
EEE	3	1968	8574	1174	1700	1415	12	80
ME	3	1952	9129	1664	1781	1531	19	95
ECE	4	2195	9989	2019	2007	1885	18	102
CSE	4	2172	9093	1553	2058	1854	18	100
IT	2	1736	5760	905	1333	1100	12	89
MBA	2	1626	6418	567	244	635	12	395
M.Tech (ES)	1	355	1335	254	--	245	5	24
M.Tech (CSE)	1	348	1338	222	--	198	5	19
M.Tech (PEED)	1	315	826	215	--	139	5	22
M.Tech (SE)	1	126	485	96	--	78	5	26
M.Tech (MD)	1	138	534	94	--	62	5	25
<b>Total :</b>		<b>13878</b>	<b>57677</b>	<b>9224</b>	<b>10238</b>	<b>10500</b>	<b>133</b>	<b>1092</b>

**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
<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>	
128	IE Electrical Engineering
129	The Journal of CPRI
130	Power Engineer Journal
131	Claro: Power Electronics
132	IEEMA Journal
133	Indian Journal of Engineering, Science, and Technology (IJEST)
134	AKGEC International Journal of Technology
135	IUP Journal of Electrical and Electronics Engineering
136	Energy Future
137	Sadhana (Engineering Sciences)
138	Resonance-Journal of Science Education
139	University News
140	NDCWWC Journal (A Half Yearly Journal of New Delhi Centre of WWC)
141	CIGRE India Journal
142	Phytopathogenic Mollicutes
143	Power Engineer Journal
144	Research Journal of Engineering and Technology
145	Power Engineer Journal
146	TAI Journal (A Half Yearly Technical Journal of Indian Chapter of TAI)
147	TERI Information Digest on Energy and Environment
148	Active and Passive Electronic Components
149	Advances in Electrical and Electronic Engineering
150	Advances in Fuzzy Systems
151	Advances in Power Electronics
152	Bulletin of the Institute of Heat Engineering
153	Circuits and Systems
154	Energy and Power Engineering
155	ETRI Journal
156	EURASIP Journal on Advances in Signal Processing
157	EURASIP Journal on Bioinformatics and Systems Biology
158	EURASIP Journal on Embedded Systems
159	Journal of Electrical and Electronics Engineering
160	Journal of Electrical Systems
161	Journal of Low Power Electronics and Applications
162	Journal of Power Technologies
163	Journal of Sensor Technology

164	Journal of Signal and Information Processing
165	Majlesi Journal of Electrical Engineering
166	Micromachines
167	Nuclear Technology and Radiation Protection
168	Open Electrical & Electronic Engineering Journal
169	Open Signal Processing Journal
170	Science and Technology of Nuclear Installations
171	Turkish Journal of Electrical Engineering and Computer Sciences
172	VLSI Design
173	Wireless Engineering and Technology
<b>MECHANICAL ENGINEERING</b>	
174	Journal of Vibration Engineering and Technologies
175	Journal of Scientific & Industrial Research
176	Indian Journal of Engineering & Material Sciences
177	Productivity Journal
178	Bulletin of Materials Science
179	IE Mechanical Engineering
180	IE Production Engineering
181	IE Metallurgical and Material Science Engineering
182	Journal of Scientific Temper
183	Indian Foundry Journal
184	Claro: Robotics
185	Claro: Thermodynamics
186	Manufacturing Technology Today
187	Journal of Resources Energy and Development
188	IUP Journal of Mechanical Engineering
189	IE Marine Engineering
190	IE Mining Engineering
191	Journal of Chemical Sciences
192	Fire Engineer
193	Journal of Metallurgy and Materials Science
194	Journal of Resources, Energy and Development
195	TERI Information Digest on Energy and Environment
196	Water and Energy Abstracts
197	Invertis Journal of Renewable Energy
198	Water and Energy Research Digest
199	Indian Journal of Cryogenics
200	Indian Journal of Genetics and Plant Breeding (The)
201	Indian Journal of Geosynthetics and Ground Improvement
202	Indian Journal of Industrial and Applied Mathematics
203	Indian Journal of Scientific Research
204	Advances in Automobile Engineering
205	International Journal of Automotive engineering
206	Journal of Mechanical and Automobile Engineering
207	Engine & Automotive Engineering
208	Journal of Advances in Vehicle Engineering
209	Open Engineering
210	Journal of Mechanical Engineering and Biomechanics
211	Romanian Journal of Automotive Engineering
212	Annals of the University of Oradea. Fascicle of Textiles, Leatherwork
213	Fibres & Textiles in Eastern Europe
214	Journal of Engineering and Manufacturing Technology
215	MADERAS : Ciencia y Tecnología
216	Manufacturing Review
217	Advances in Mechanical Engineering
218	Advances in Tribology
219	American Journal of Mechanical Engineering
220	American Journal of Mechanical Engineering and Automation
221	Electronic Journal of Boundary Elements
222	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)
223	ISRN Mechanical Engineering
224	Jordan Journal of Mechanical and Industrial Engineering
225	Journal of Applied Fluid Mechanics
226	Journal of Computational and Applied Mechanics



227	Journal of Fundamentals of Renewable Energy and Applications
228	Journal of Mechanical Engineering and Technology
229	Journal of Naval Architecture and Marine Engineering
230	Journal of Robotics
231	Mechanical Engineering Research
232	Modern Mechanical Engineering
233	Periodica Polytechnica Mechanical Engineering
234	The Open Mechanical Engineering Journal
235	Thermal Science
236	Geomaterials
237	Journal of Metallurgy
238	Journal of Mining and Metallurgy, Section B : Metallurgy
239	Platinum Metals Review
<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>	
240	IE Electronics & Telecommunication Engineering
241	IE Aerospace Engineering
242	IETE Journal of Research
243	IETE Technical Review
244	IETE Journal of Education
245	Instrument Society of India
246	Defense Science Journal
247	Claro: VLSI
248	Claro: Signal Processing
249	Claro: Optics
250	Journal of Astrophysics and Astronomy
251	IUP Journal of Telecommunications
252	Communication Today
253	TV Journal
254	Proceedings (Mathematical Sciences)
255	ICTACT Journal on Communication Technology (IJCT)
256	ICTACT Journal on Microelectronics (IJME)
257	Pramana – Journal of Physics
258	Journal of Innovation in Electronics and Communication Engineering
259	Invertis Journal of Science & Technology
260	ISRM India Journal- Half Yearly Technical Journal of Indian National Group of ISRM
261	Journal of Applied Geochemistry
262	Bulletin of Pure & Applied Sciences- Physics
263	IOSR Journal of Electronics and Communication Engineering(IOSR-JECE)
264	Journal of Electronics and Communication Engineering Research
265	Acta Periodica Technologica
266	Advances in Natural Sciences : Nanoscience and Nanotechnology
267	Advances in Operations Research
268	Design and Technology Education: An International Journal
269	E-Journal of Surface Science and Nanotechnology
270	EURASIP Journal on Wireless Communications and Networking
271	Fibre culture Journal
272	ISRN Nanotechnology
273	Journal of Applied Research and Technology
274	Journal of Engineered Fibers and Fabrics
275	Journal of Information Systems and Technology Management
276	Journal of Nanotechnology
277	Journal of Scientific & Industrial Research
278	Journal of Sensors
279	Journal of STEM Education : Innovations and Research
280	Journal of Technology Education
281	Journal of Technology Management & Innovation
282	Journal of Technology Research
283	Journal of the Japan Petroleum Institute
284	Maejo International Journal of Science and Technology
285	Management Science and Engineering
286	Nano-Micro Letters
287	Northwestern Journal of Technology and Intellectual Property
288	Open Journal of Safety Science and Technology
289	Open Nanoscience Journal

290	Open Renewable Energy Journal
291	Pacific Journal of Science and Technology
292	Sensors
293	Soft Nanoscience Letters
294	World Journal of Nano Science and Engineering
<b>COMPUTER SCIENCE AND INFORMATION TECHNOLOGY</b>	
295	IE Computer Engineering
296	Indian Journal of Computer Science
297	Claro: Computer Networks
298	Claro: Cloud Computing
299	Claro: Software Engineering
300	CSI Communications
301	ICTACT Journal on Soft Computing (IJSC)
302	ICTACT Journal on Image and Video Processing (IJVP)
303	Asian Journal of Computer Science and Technology (AJCST)
304	Asian Journal of Information Science and Technology (AJIST)
305	Journal of Web Development and Web Design
306	Journal of Android and IOS Application and Testing
307	Journal of Information, Knowledge and Research in Information Technology
308	Journal of Information, Knowledge and Research in Computer Science and Application
309	Journal of Information, Knowledge and Research in Computer Engineering
310	IUP Journal of Computer Sciences
311	IUP Journal of Information Technology
312	Journal of Intellectual Property Rights
313	Journal of Biosciences
314	Journal of Innovation in Computer Science and Engineering
315	Innovation in IT
316	SASTech - Technical Journal of RUAS
317	Internetworking Indonesia Journal
318	Journal of Artificial Intelligence
319	The Journal of Artificial Intelligence Research
320	Journal of Community Informatics
321	Journal of Machine Learning Research
322	Journal of Software Engineering and Applications
323	Journal of Systemics, Cybernetics and Informatics
324	Journal of Theoretical and Applied Electronic Commerce Research
325	Journal of Theoretical and Applied Information Technology
326	Scientific Annals of Computer Science
327	Signal & Image Processing
328	Systems, Signs & Actions
329	Theory and Applications of Mathematics & Computer Science
330	Transactions on Data Privacy
331	Wireless Sensor Network
332	Advanced Computing : an International Journal
333	Advances in Artificial Intelligence
334	Advances in Electrical and Computer Engineering
335	Advances in Human-Computer Interaction
336	Advances in Internet of Things
337	Advances in Multimedia
338	Advances in Software Engineering
339	The African Journal of Information Systems
340	Ajis : Australasian Journal of Information Systems
341	Applied Computational Intelligence and Soft Computing
342	Brain. Broad Research in Artificial Intelligence and Neuroscience
343	British Journal of Mathematics & Computer Science
344	Communications and Network
345	Computational Intelligence and Neuroscience
346	Computer and Information Science
347	Computer Science and Information Systems
348	Crosstalk : Journal of Defense Software Engineering
349	Database : the Journal of Biological Databases and Curation
350	Database Systems Journal
351	Digital Culture & Education
352	e-Informatica Software Engineering Journal

353	E-learning and Education
354	Economy Informatics
355	Electronic Communications of the EASST
356	Electronic Journal of Information Systems Evaluation
357	Engineering Letters
358	EURASIP Journal on Information Security
359	First Monday
360	Future Internet
361	Game Studies
362	Human Technology
363	IAENG International Journal of Computer Science
364	Indian Journal of Computer Science and Engineering
365	Information Technologies and International Development
366	Information Technology Journal
367	Intelligent Control and Automation
368	Intelligent Information Management
369	Interdisciplinary Journal of Information, Knowledge, and Management
	<b>INFORMATION TECHNOLOGY</b>
370	Software Engineering
371	Journal on Information Technology
372	Journal on Computer Science
373	Journal on Pattern Recognition
374	Journal on Cloud Computing
375	Journal on Mobile Application and Technology
376	Journal on Image Processing
377	International Journal of Information Processing
378	Indian Journal of Information Science and Technology
379	Indian Journal of Computing Technology
380	IE Computer Engineering
381	World Digital Libraries
382	Journal of Computer and Mathematical Science
383	Digital Learning
	<b>BASIC SCIENCE AND HUMANITIES</b>
384	Asian Journal of Research in Chemistry
385	Bulletin of Pure & Applied Sciences- Chemistry
386	Journal of Biofuels
387	Medicinal Plants - International Journal of Phytomedicines and Related Industries
388	Teacher Trainer Journal
389	English Language Teaching Journal
390	Yojana (English)
391	Fortell
392	Mathematics Today
393	Chemistry Today
394	Physics For You
395	Advances in Applied Research
396	Arya Bhatta Journal of Mathematics and Informatics
397	Asian Journal of Research in Chemistry
398	Bio Science Research Bulletin
399	Bulletin of Pure & Applied Sciences- Botany
400	Bulletin of Pure & Applied Sciences- Chemistry
401	Bulletin of Pure & Applied Sciences- Geology
402	Bulletin of Pure & Applied Sciences- Mathematics and Statistics
403	Bulletin of Pure & Applied Sciences- Zoology
404	Clay Research
405	Climate Change and Environmental Sustainability
406	Current Trends in Biotechnology and Pharmacy
407	Far and Near in Water & Energy
408	Fire Engineer
409	Global Sci-Tech
410	IASH Journal- International Association for Small Hydro
411	Innovation in IT

412	INROADS- An International Journal of Jaipur National University
413	Journal of Biofuels
414	Journal of Functional And Environmental Botany
415	Bulletin of Pure & Applied Sciences- Physics
416	Arya Bhatta Journal of Mathematics and Informatics
417	Bulletin of Pure & Applied Sciences- Mathematics and Statistics
418	Indian Journal of Industrial and Applied Mathematics
419	Journal of Mathematics and Systems Sciences
	<b>MBA</b>
420	Harvard Business Review
421	Forbes Asia
422	Indian Journal of Marketing
423	Indian Journal of Finance
424	Prabhandhan: Indian Journal of Management
425	Arthshastra: Indian Journal of Economics & Research
426	Indian Journal of Research in Capital Markets
427	Vikalpa
428	AMC Indian Journal of Entrepreneurship
429	IUP Journal of Marketing Management
430	IUP Journal of Knowledge Management
431	IUP Journal of Operations Management
432	IUP Journal of Entrepreneurship Development
433	ICTACT Journal on Management Studies (IJMS)
434	Journal of Management & Entrepreneurship
435	Agricultural Economics Research Review
436	Al-Barkaat Journal of Finance & Management
437	Arth prabandh : A Journal of Economics and Management
438	Asian Journal of Management
439	Asian Journal of Multidimensional Research (AJMR)
440	Asian Journal of Research in Banking and Finance
441	Asian Journal of Research in Business Economics and Management
442	Asian Journal of Research in Marketing
443	BULMIM Journal of Management and Research
444	Delhi Business Review
445	Dynamics of Public Administration
446	Economic Affairs
447	EXCEL International Journal of Multidisciplinary Management Studies
448	FOCUS: Journal of International Business
449	IIMS Journal of Management Science
450	IITM Journal of Management and IT
451	Indian Journal of Economics and Development
452	ITIHAS The Journal of Indian Management
453	JIMS8M: The Journal of Indian Management & Strategy
454	Journal of Commerce and Management Thought
455	Journal of Global Communication
456	Journal of Income & Wealth (The)
457	Journal of Management and Public Policy
458	Journal of Management Research
459	Journal of Management Research and Analysis
460	LBS Journal of Management & Research
461	Mangalmay Journal of Management & Technology
462	MANTHAN: Journal of Commerce and Management
463	Media Watch
464	MUDRA: Journal of Finance and Accounting
465	Parikalpana: KIIT Journal of Management
467	PRAGATI: Journal of Indian Economy
468	Pranjana: The Journal of Management Awareness
469	SAARJ Journal on Banking & Insurance Research
470	Siddhant- A Journal of Decision Making
471	SMART Journal of Business Management Studies
472	South Asian Journal of Marketing & Management Research
473	Sumedha Journal of Management
474	VISION: Journal of Indian Taxation
475	Management Today

**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 <a href="http://www.ieee.org/bell-labs-tech-journal">www.ieee.org/bell-labs-tech-journal</a>
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) <b>NEW!</b>
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) <b>NEW!</b>
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) <b>NEW! (late 2018)</b>
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) <b>NEW! (late 2018)</b>
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) <b>NEW!</b>
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) <b>NEW!</b>
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) <b>NEW!</b>
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 : 150 MBps BSNL leased Line.

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

NPTEL Video Courses from IITs : 10,000 hours of NPTEL Video lectures on 500 subjects

Web Based Courses : 250 NPTEL 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	183 Journals
ASME	32 Journals
ASCE	38Journals
J-GATE	15 Journals & 4329 Databases
PEARSON	100 e-Books
MGH	1000 e-Books
N-LIST	E-Journals-296 e-Books-9079
DELNET	E-Journals-400 e-Books-321

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](http://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
EEE	Electrical Circuits Lab	<ul style="list-style-type: none"> <li>• Cathode ray Oscilloscopes</li> <li>• 1-phase 220V,10A Inductive Load</li> <li>• Cathode ray Oscilloscopes</li> <li>• 3-Phase Auto transformers(0-470V/15A)</li> </ul>
EEE	Electrical Measurements Lab	<ul style="list-style-type: none"> <li>• LCR Q Meter</li> <li>• Kelvin's Double bridge with Accessories</li> <li>• H.T Oil Testing Kit (0-60 KV)</li> <li>• Phase shifting transformer</li> <li>• Crompton DC Potentiometer (OSAW 30066)</li> <li>• Kelvin's double bridge (OSAW 29760)</li> <li>• Strain Gauge</li> <li>• 3-Phase Auto Transformers</li> <li>• Phase Shifting Transformers</li> <li>• CRO (30MHz Dual Channel)</li> <li>• CRO Demonstration kit (30MHz Dual Channel)</li> <li>• 3-Phase Inductive Load</li> <li>• Kelvin's Double Bridge</li> <li>• Crompton DC Potentiometer</li> <li>• Strain Gauge Module</li> <li>• Digital Instrumentation Part III</li> <li>• Hall Effect Sensor</li> </ul>
EEE	Power Systems Lab	<ul style="list-style-type: none"> <li>• PC (wipro) TFT ,18.5 CLR monitor,320GB,poles 400 2.74,800,2MB,775GB 7200RPM HOD</li> <li>• AC Transmission line simulator</li> <li>• Three Phase AC motor Protective relay test set</li> <li>• Numerical over current relay kit (L&amp;T make)</li> <li>• Numerical over voltage under voltage relay kit (L&amp;T make)</li> <li>• Earth Fault relay kit Electro mechanical type aseva make</li> <li>• Buchholtz relay kit (yogya) make</li> <li>• Negative Sequence current relay kit (areva) make</li> <li>• over/under frequency relay kit (H.V) make</li> <li>• Reverse power relay kit (Ashida/Rishabah) Make</li> <li>• PSCAD software (25 Users)</li> <li>• Relay Testing Kit</li> <li>• Earth Fault Relay</li> <li>• Solar PV GRID TIED TRAINING &amp; SYSTEM</li> <li>• Solar PV TRAINING &amp; RESEARCH SYSTEM</li> <li>• ACER I5 SYSTEMS</li> <li>• 8GB DDR3 RAM, 1TB HARD DISK DRIVE</li> </ul>
EEE	Electrical Technology Lab	<ul style="list-style-type: none"> <li>• 5H.P/220/1500 R.P.M DC compound motor with mechanical loading arrangement</li> <li>• Control panel consisting MCB ammeter 1No DC voltmeter 1No field rheostat (External) indicators,terminels, switches</li> <li>• 5H.P/220/1500 R.P.M DC shunt motor with mechanical loading arrangement</li> </ul>
EEE	Electrical Technology Lab	<ul style="list-style-type: none"> <li>• Control panel polycarbonate facia consisting MCB DC ammeter 1No DC voltmeter 1No field rheostat</li> <li>• 5H.P/220/1500 R.P.M DC shunt motor coupling to 3KW/220V/1500 R.P.M shunt generator with base coupling</li> <li>• 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</li> <li>• 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</li> <li>• Control panel 3 point starter,15A DC ammeter,2A DC ammeter 500V AC voltmeter,5A AC ammeter, field rheostat</li> </ul>

		<p>excitation unit for alternator indicators terminals, switches</p> <ul style="list-style-type: none"> <li>• 5H.P/415V/1400 R.P.M/TEFC 50Hz 3 phase squirrel cage induction motor with mechanical loading</li> <li>• Control panel consisting MCB star delta starter, 10A AC ammeter 1no, 500V AC voltmeter 1no, 3 phase /2E/415/10A digital wattmeter with analog supply</li> <li>• DC Rectifier 220 DC 100AC unit</li> <li>• Distribution panel with 12nos dc feeders, heavy 20A DPMCB, 12nos of 3 phase ac panel heavy 10A TP MCB, 1no AC ammeter, 1no AC voltmeter</li> <li>• CROS</li> <li>• 3-<math>\Phi</math> Variable Inductive Load (415V, 12A)</li> <li>• 3-<math>\Phi</math> Resistive Load (415V, 5A)</li> <li>• 1-<math>\Phi</math> Resistive Load (230V, 10A)</li> <li>• Starter panel cum excitation unit</li> <li>• 5HP, 220V, 1500rpm Auto Synchronous Motor coupled to 3KW, 1500rpm Shunt Generator</li> <li>• 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW, 1500rpm Compound Generator</li> <li>• 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW, 415V rotor wound salient pole Alternator</li> <li>• 3-phase Auto Transformer</li> <li>• Digital CROs</li> <li>• DC RPS (0-220V, 10A)</li> <li>• DSO CRO (100MHz)</li> </ul>
EEE	Electrical Machines Lab -1	<ul style="list-style-type: none"> <li>• D.C. Shunt Motor 5 HP / 220 V / 1500 rpm 19A coupled to Compound generator 3KW, 220V, 1500rpm 13.6A</li> <li>• D.C. Compound motor with brake drum arrangements (5HP, 220V, 1500rpm 19A)</li> <li>• Two identical DC Shunt M/C coupled together (3KW, 220V)</li> <li>• Two identical D.C. series M/C coupled together + accessories</li> <li>• RECTIFIER UNIT (100A) (200-240V, &amp; 30V DC) OUTPUT 50A, 50VDC</li> <li>• Resistance Loading Box (3-<math>\phi</math>/5KW/10A)</li> <li>• D.C Shunt motor 5HP/220V Coupled D.C Shunt Generator (3KW, 220V)</li> <li>• D.C Shunt motor with brake drum arrangement</li> <li>• D.C Series motor with brake drum arrangement (5HP, 220V)</li> <li>• D.C Shunt motor 5HP/220V Coupled D.C Series Generator (3KW, 220V)</li> <li>• 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</li> <li>• DC Motor with Thyristorised speed controller Range 1HP, 220v, 1500RPM</li> </ul>
EEE	Electrical Machines Lab -2	<ul style="list-style-type: none"> <li>• 3-<math>\phi</math> Auto Transformers (400V/0-470V, 15A)</li> <li>• 3-<math>\phi</math> Auto Transformers (400V/0-470V, 15A)</li> <li>• D.C Shunt Motor 7.5 H.P / 220 V coupled to 3-phase alternator 5KVA/3-phase/415V</li> <li>• 3-<math>\phi</math> Auto Synchronous Motor, 5H.P 415 V coupled to D.C. Shunt generator set (3KW, 220V, 1500rpm)</li> <li>• Capacitor start and run 1-<math>\phi</math> I.M (1H.P, 230V) with brake drum arrangement, 1400 rpm 7A</li> <li>• INDUCTIVE LOADING BOX (3-<math>\phi</math>/5KW/10A)</li> <li>• CAPACITIVE LOADING BOX (3-<math>\phi</math> /5KW/10A)</li> <li>• 3-<math>\phi</math> Squirrelcage induction motor 5HP, 415V, With brake drum arrangement</li> <li>• 3-<math>\phi</math> Squirrelcage induction motor (7.5HP, 415V), With brake drum arrangement</li> <li>• 3-<math>\phi</math> Slipring induction motor (415V, 7.5HP) with brake drum arrangement</li> <li>• <math>\phi</math> repulsion motor (230V, 1HP) with brake load arrangement</li> <li>• <math>\phi</math> Schrage motor (5HP, 415V, 50HZ) with brake drum arrangement</li> </ul>

		<ul style="list-style-type: none"> <li>• 3-PHASE TRANSFORMER 5KVA/(230/440)V/50% TAPPING</li> <li>• 5KVA, 3-PHASE, 415V ROTATING FIELD ALTERNATOR COUPLED TO D.C SHUNT MOTOR</li> <li>• 5KVA, 3-PHASE, 415V, 6POLE, 1000RPM INDUCTION MOTOR COUPLED TO 7.5HP, 220V, 1500RPM, D.C SHUNT MOTOR</li> <li>• CAPACITOR START AND RUN INDUCTION MOTOR 1-PHASE/1HP/230V/1500RPM</li> <li>• AC SERIES MOTOR 1-PHASE/0.5HP/230V/1500RPM</li> <li>• 3-PHASE POLE CHANGE INDUCTION MOTOR 3-PHASE/1HP/415V/50HZ/(960/1440/2900)RPM</li> <li>• RELUCTANCE MOTOR 1-PHASE/1HP/230V/1500RPM</li> <li>• MACHINE TRAINER</li> <li>• STROBO SCOPE (100-10000) Flasher per minute</li> <li>• <math>\phi</math> Auto T/F (230/(0-270V), 15A)</li> <li>• <math>\phi</math> Auto Transformers (400V/0-470V, 20A)</li> <li>• Brushless Dc Motor with Micro controller, 24v/100w/2000RPM</li> <li>• CAPACITIVE LOADING BOX (3-<math>\phi</math> /5KW/10A )</li> <li>• RESISTANCE LOADING BOX (3-<math>\phi</math> /5KW/10A)</li> <li>• INDUCTIVE LOADING BOX 3-<math>\phi</math>/5KW/10A)</li> <li>• 1-<math>\phi</math> RLC Electrical Load(0-10A)</li> </ul>
EEE	Control Systems Lab	<ul style="list-style-type: none"> <li>• P-III 800 MHZ, 128 MB, 20 GB</li> <li>• Programable Logic Controller</li> <li>• Effect of P, PI, PD, PID Controller</li> <li>• Lead-Lag compensation Network</li> <li>• DC Motor transfer function study &amp; trainer</li> <li>• DC Servomotor Controller</li> <li>• Characteristics of Synchros</li> <li>• Simulation of Transfer function using operational Amplifier</li> <li>• Cathode Ray Oscilloscopes</li> <li>• Cathode Ray Oscilloscopes</li> <li>• P-III 866 MHZ, 128 MB, 20 GB</li> <li>• MD(1) P4 / 1.5 GHZ / 40 GB</li> <li>• 1 HP Separate by excited DC motor</li> <li>• Programable Logic Controller(CPU)</li> <li>• Temperature Control using PID kit</li> <li>• AC Servomotor Study trainer kit</li> <li>• DC shunt gnerator coupled with DC shunt Motor</li> <li>• Mini Hydel Project Model</li> <li>• Process Control Simulator (ITB PCS 01)</li> <li>• Synchro Transmitter, Receiver Trainer (PEC-03)</li> <li>• DC Servo Motor Controller (ITB REC 005)</li> <li>• Lead Lag Network Simulator (VLLN 01)</li> <li>• Characteristics Of AC Servo Motor (ITB PEC 00A)</li> <li>• Cathoderay Oscilloscope (CRO's)</li> <li>• Cathoderay Oscilloscope (CRO's)</li> <li>• Cathoderay Oscilloscope (CRO's)</li> <li>• Process Control Simulator</li> <li>• Characteristics of Synchros</li> <li>• Characteristics Of Magnetic Amplifier</li> <li>• DC Servo Motor Controller</li> <li>• Lead Lag Network Simulator</li> <li>• Characteristics Of AC Servo Motor</li> <li>• Programable Logic Controller</li> <li>• Temperature Control using PID kit</li> <li>• DC Motor transfer function study &amp; trainer</li> <li>• DC shunt gnerator coupled with DC shunt Motor</li> <li>• Acer veriton desktop system</li> </ul>
EEE	Electrical Simulation Lab	<ul style="list-style-type: none"> <li>• 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,</li> </ul>

		<ul style="list-style-type: none"> <li>ACER 18.5" Tft LED Monitor</li> <li>6KVA Online UPS</li> <li>Matlab 7.14</li> <li>Matlab 8.5</li> <li>HP System server ML310, RAM 8GB(4)DDR3, KBD+Mouse with CLR 20 Inches HP LED Monitor</li> <li>Sony LCD Projector</li> </ul>
EEE	Project Lab	<ul style="list-style-type: none"> <li>PLC Project development system</li> <li>CRO</li> </ul>
EEE	Power Electronics Lab	<ul style="list-style-type: none"> <li>1-Phase parallel inverter</li> <li>1-Phase Half controlled bridge converter(2)</li> <li>Commutation chopper circuit module</li> <li>1-Phase Cyclo converter</li> <li>Cathode Ray Oscilloscopes (CROS)(5)</li> <li>DC Jones chopper circuit module</li> <li>Single phase cyclo converter circuit module</li> <li>1-phase fully controlled bridge converter</li> <li>1-phase Half controlled bridge converter</li> <li>1-phase parallel inverter</li> <li>1-phase Bridge inverter</li> <li>CRO'S(2)</li> <li>Mosfet step down chopper</li> <li>Transistorised PWM converter</li> <li>3- Phase half controlled bridge converter</li> <li>b) Required firing circuit, with testing point brought out</li> <li>c) 440V/5A, 3 phase isolation transformer</li> <li>Single phase dual converter</li> <li>b) Firing Circuit</li> <li>Single phase Series inverter with input of 30V/2A DC</li> <li>b) L Load (200mH, 4A)</li> <li>PWM Three phase with V/F control suitable with motor</li> <li>3-phase Isolation transformer with secondary tappings of 10%,25%,50%&amp;100%</li> <li>1-phase fully controlled bridge converter</li> <li>1-Phase Half controlled bridge converter</li> <li>Forced commutation circuit module</li> <li>1-phase PWM inverter</li> <li>Four Quadrant Chopper , 3-Phase Auto Transformers</li> <li>Open Loop Closed loop DcMotor using PID Controller</li> <li>Scientech 401</li> </ul>
EEE	Power Electronics And Electrical Drives Lab	<ul style="list-style-type: none"> <li>3 -<math>\Phi</math> AC Voltage Controller On Motor Load.</li> <li>A.3 -<math>\Phi</math> AC Voltage Controller Firing Unit</li> <li>B.3 -<math>\Phi</math> AC Voltage Controller Power Device Circuit 430V/5A</li> <li>C.3-<math>\Phi</math> Isolation Transformer 415V/0-220V,415V,1KVA</li> <li>D.AC Motor 1/2 Hp,3 -<math>\Phi</math>, 415V,1500rpm</li> <li>3 -<math>\Phi</math> Full Converter With R &amp; RL Loads</li> <li>A.Three -<math>\Phi</math> Full Converter Firing Unit</li> <li>B. Three -<math>\Phi</math> Full Converter Power Device Circuit</li> <li>3 -<math>\Phi</math> Full Converter With Dc Motor Drive</li> <li>A.Three -<math>\Phi</math> Full Converter Firing Unit</li> <li>B. Three -<math>\Phi</math> Full Converter Power Device Circuit</li> <li>C. Three -<math>\Phi</math> Isolation Transformer 415/0-20Volts,415V,1KVA</li> <li>D. DC Motor 1/2 HP,220V,1500rpm</li> </ul>
EEE	Power Electronics And Electrical Drives Lab	<ul style="list-style-type: none"> <li>Four Quadrant Choppere Drive Using DC Motor</li> <li>A. Four Quadrant Chopper Device Module</li> <li>B. DC Motor 1HP,220Volts,1500rpm</li> <li>Single -<math>\Phi</math> IGBT Based PWM Inverter On R&amp; RL Loads</li> <li>A.Single -<math>\Phi</math> IGBT Based PWM Inverter Module 220Volts/2A</li> <li>B.Dc Power Supply 0-220Volts/2A</li> <li>3 -<math>\Phi</math> IGBT based PWM Inverter on R &amp; RL load</li> <li>a) 3 -<math>\Phi</math> IGBT based PWM Inverter 220V/2A module</li> <li>b) DC power supply 0-220V/2A</li> <li>3 -<math>\Phi</math> SCR based inverter drive for AC motor module 220V/2A</li> </ul>

		<ul style="list-style-type: none"> <li>b) AC motor 1/2HP, 3 -<math>\Phi</math>, 230V, 1500 rpm</li> <li>• Speed controller of 3 -<math>\Phi</math> slipring induction motor by static rotor resistance controller</li> <li>a) Static Rotor Resistance Controller</li> <li>b) 3 -<math>\Phi</math> slipring induction motor 440V, 1440rpm.</li> <li>• 3 -<math>\Phi</math> PWM pulse generator module</li> <li>• DSP Based V/F Control of Induction motor</li> <li>• 30Mhz Oscilloscope with Colour LCD</li> <li>• PIC Micro-Controller using SCR's</li> <li>• DSO 50HZ Dual Channel Scientech 401</li> </ul>
EEE	Systems Simulation Lab	<ul style="list-style-type: none"> <li>• Multisim 2001</li> <li>• Zenith P4-I , 1.6 GHz system, 256MB RAM, 40GB Hard disk</li> <li>• 10KVA Servo stabilizer</li> <li>• MATLAB 6.5</li> <li>• Simulink 5.0</li> <li>• Control System Tool Box</li> <li>• HCL Infinity Pro systems Intel P-IV 256MB RAM, 40GB Hard disk</li> <li>• 6KVA online UPS</li> <li>• Computers EZEE BEE 4981 256MB RAM, 40GB Hard disk</li> <li>• Wipro i Value</li> <li>• CASPOC</li> <li>• HP Proliant ML 110 G5 server,512 MB RAM/160GB HDD/DVDROM/ Kyboard/nouse</li> <li>• HP13" TFF Monitor</li> <li>• PC HCL infinite pentium dual cone processor ES200,2.53GHZ,2MB cache,800MHZ FSB,1GB DDR2,160GB HDD(SA9A)optical mouse,107 kkeys key board 18.5" LCD monitor</li> <li>• 6KVA online UPS with 12V-26AH, 16 No SMF/VRLA Batteries, Make:Liebert</li> <li>• 1KVA Online UPS,SB Plus</li> <li>• LCD Projector</li> <li>• PC(ACER)</li> <li>• 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</li> <li>• 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</li> <li>• 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</li> <li>• 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</li> </ul>
ME	Mechanics of Solids Lab	<ul style="list-style-type: none"> <li>• KMI spring testing machine 2500N capacity model 1.3D with one set of grips for testing in compression.</li> <li>• Torsion testing machine: FIE torsion testing machine 6KGM capacity model TT- 6.</li> <li>• FIE impact testing machine model IT – 30 with standard accessories.</li> <li>• Universal testing machine 400KN capacity electronic model UTE-40 and Extensometer Model EM – 1 for UTM -40 with Shear attachment.</li> <li>• Compression Testing Machine 200Tcapacity electrical operated / hand operated.</li> <li>• Computerized Digital University Testing Machine.</li> <li>• Electronic Digital Extensometer - Bend &amp; Rebend Attachment</li> </ul>
ME	Machine Tools Lab	Simple Lathe, All Geared Capstan Lathe, Universal Milling Machine, Heavy Duty Shaping Machine, All Geared Head Lathe, Semi Geared Lathe, All Geared Head 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	Power Operated Hydraulic Press, 400 Amps TIG Welding Machine, Auto Injection Moulding Machine and Plastic Blow Moulding Machine, Plasma Arc Welding Equipment, Bottom Pouring type Stir Casting Furnace with Ultrasonic Vibrator attachment
ME	FM & HM Lab	<ul style="list-style-type: none"> <li>• Venturi, orifice meter with rotameter combined</li> <li>• Pipe friction, pipe fittings, sudden enlargement, sudden contraction</li> <li>• Centrifugal pump test rig (Multi Stage)</li> <li>• Pelton Wheel turbine test rig closed circuit</li> <li>• Francis Turbine Test rig (closed circuit)</li> <li>• Kaplan Turbine</li> <li>• Single Stage Centrifugal Pump</li> <li>• Turbine Flow Meter</li> <li>• Pneumatic Trainer Kit with 1HP Air Compressor</li> <li>• Reynold's Apparatus</li> </ul>
ME	Metallurgy Lab	<ul style="list-style-type: none"> <li>• Inverted Metallurgical Microscope with (i) Image Analysis Software (ii) Wide field eye piece 10X</li> <li>• High Temperature Tubular Furnace - 1400 deg C with Vacuum Pump</li> <li>• Pin on Disc Tester TR 201 with Data Acquisition Software, En 31 Disc and Sample Holder</li> </ul>
ME	Heat Transfer Lab	<ul style="list-style-type: none"> <li>• Condensation in Drop Wise Film Wise forms</li> <li>• Shell and Tube Heat Exchanger</li> <li>• Thermal Conductivity of Liquid by Guarded hot plate apparatus</li> <li>• Two – Phase Flow Heat Transfer Apparatus</li> </ul>
ME	Metrology Lab	<ul style="list-style-type: none"> <li>• Tool Makers Microscope</li> <li>• Surface Finish Tester</li> <li>• Profile Projector</li> <li>• Slip Gage Set 112 Pcs</li> </ul>
ME	CAD / CAM Lab	<ul style="list-style-type: none"> <li>• Boxfor CNC Lathe cum Milling Machine</li> <li>• ZENITH,P4,1.6GHZ,40GB HDD,256 DDR</li> <li>• Autodesk Inventor Series 6</li> <li>• HCL,P4,2.6GHZ,256MB DDR,40GB HDD</li> <li>• ANSYS 9.0</li> <li>• 6 KVA Online UPS</li> <li>• HCL,P4,2.8GHZ,512MB DDR,80GB HDD</li> <li>• PRO E WILDFIRE 3.0</li> <li>• ALG NASTRAN</li> <li>• HCL, DUEL CORE,1GB DDR,160 GB HDD SATA</li> <li>• 6KVA Online UPS</li> <li>• Wipro, Duelcore,4GB DDR,320 HDD</li> <li>• XL CNC Milling Machine</li> <li>• HCL,DUEL CORE,4GB DDR,500 GB HDD SATA</li> <li>• ProgeCAD Professional &amp; Solid Edge</li> <li>• ACER, DUEL CORE,4GB DDR, 500GB HDD</li> <li>• 6 KVA Online UPS</li> <li>• Robot</li> <li>• ACER,DUEL CORE,4GB DDR,500GB HDD</li> <li>• ACER 18.5" LED MONITORS</li> <li>• 3D Printer</li> <li>• ACER Computers</li> </ul>
ME	Dynamics of Machines Lab	<ul style="list-style-type: none"> <li>• Universal Vibration apparatus</li> <li>• Governor apparatus</li> </ul>
ME	Thermal Engineering Lab	<ul style="list-style-type: none"> <li>• Four –cylinder four stroke vertical 10 H.P. Ambassador petrol engine coupled to hydraulic dynamometer with radiator and clutch arrangements and other standard accessories.</li> <li>• 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</li> <li>• Single cylinder four stroke 3 H.P. high speed brand new</li> </ul>

		<p>greaves petrol engine coupled to AC alternator with standard accessories</p> <ul style="list-style-type: none"> <li>• Two stage 3 H.P. Air compressor test rig with energy meter arrangement with standard accessories</li> <li>• Refrigeration test rig</li> <li>• Variable Compression Ratio Petrol Engine Test Rig + (Ex. Gas Calo) A.C. Loading</li> <li>• Air Conditioning Test Rig</li> <li>• Single Cylinder 2 Stroke Petrol Engine Test Rig</li> <li>• Single Cylinder 4StrokeDiesel Engine Test Rig ( motering and retardation test)</li> <li>• PC Based Single Cylinder 4 Stroke Variable Compression Ratio Diesel Engine Test Rig</li> <li>• Twin Cylinder Diesel Engine Test Rig</li> <li>• Exhaust Gas Analyzer</li> <li>• Smoke Meter</li> <li>• Flame propagation Unit (Propagation speed by using LPG as fuel)</li> <li>• Parabolic concentrator test rig for outdoor unit</li> <li>• Centrifugal Blower Test Rig</li> </ul>
ME	Instrumentation Lab	<ul style="list-style-type: none"> <li>• Second Class Pyranometer</li> <li>• Desiccant Type Dehumidifier</li> </ul>
ME	Fuels and Lubricants Lab	<ul style="list-style-type: none"> <li>• Bomb Calorimeter - as per specification with Cylinder</li> <li>• Junker's Gas Calorimeter</li> </ul>
ME	Dassault Systemes 3D Experience Centre	<p><b><u>HP Z240T Workstation:</u></b></p> <p><b>Intel Core i7-7700, 7<sup>th</sup> Gen Processor, 64 GB RAM (4 x 16) 2400 MHz DDR4 / 1 TB SATA HDD (7200 RPM) / Nvidia Quadro P1000, 4GB Graphic Card</b></p>
		<p><b><u>HP Z240T Workstation:</u></b></p> <p><b>Intel Core i7-7700, 7<sup>th</sup> 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</b></p>
		<p><b><u>HP ZBOOK 15U G4 Mobile Workstation</u></b></p> <p><b>Intel Core i5, 7<sup>th</sup> Gen, 7200 Processor, 16GB DDR4 RAM, 1TB HDD, AMD 2GB Graphics Card</b></p>
ECE	Microwave and Optical Communication Lab	<ul style="list-style-type: none"> <li>• Klystron power supply</li> <li>• Gunn power supply</li> </ul>
ECE	Communication Engineering Lab	<ul style="list-style-type: none"> <li>• Spectrum Analyzer</li> </ul>
ECE	ECAD Lab	<ul style="list-style-type: none"> <li>• MATLAB, XILINX Softwares</li> </ul>
CSE	Operating Systems and Networks Lab	<ul style="list-style-type: none"> <li>• Acer i5 Processor, 8 GB RAM, 1 TB HDD – 20 Systems</li> <li>• Acer Dual Core Processor, 8 GB RAM, 1 TB HDD – 19 Systems</li> <li>• Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No.</li> <li>• Wipro LQ DX Gold – 1 No.</li> <li>• TVS MSP 245 Dot Matrix Printer – 1 No.</li> <li>• 6 KVA UPS – 2 Nos.</li> </ul>
CSE	Web Technologies Lab	<ul style="list-style-type: none"> <li>• Acer i5 Processor, 8 GB RAM, 1 TB HDD – 35 Nos.</li> <li>• TVS MSP 245 Dot Matrix Printer – 1 No.</li> <li>• Canon 2900B Laser Printer – 1 No.</li> <li>• 6 KVA UPS – 2 Nos.</li> </ul>
CSE	Data Structures Lab	<ul style="list-style-type: none"> <li>• Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 38 Nos.</li> <li>• Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 2 Nos.</li> <li>• IMS server – 1 No.</li> <li>• Wipro Dot Matrix Printer – 2 Nos.</li> <li>• 6 KVA UPS – 2 Nos.</li> </ul>
CSE	Open source Technologies Lab	<ul style="list-style-type: none"> <li>• Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 37 Nos.</li> <li>• TVS MSP 245 Dot Matrix Printer – 2 Nos.</li> <li>• Canon 2900B Laser Printer – 1 No.</li> <li>• 6 KVA UPS – 1 No.</li> </ul>
CSE	Data Base Lab	<ul style="list-style-type: none"> <li>• Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 20 Nos.</li> <li>• HCL Dual Core Processor, 2 GB RAM, 320 GB HDD – 25 Nos.</li> <li>• Wipro Dot Matrix Printer – 2 Nos.</li> </ul>



		<ul style="list-style-type: none"> <li>• HP Laser Jet 1020 Printer – 1 No.</li> <li>• Umax Astra 4100 Scanner – 1 Nos.</li> <li>• 6 KVA UPS – 2 Nos.</li> </ul>
CSE	Design Tools Lab	<ul style="list-style-type: none"> <li>• HCL Dual Core Processor,2 GB RAM, 320 GB HDD – 34 Nos.</li> <li>• HCL Dual Core Processor,1 GB RAM, 80 GB HDD – 1 No.</li> <li>• Wipro Dot Matrix Printer – 2 Nos.</li> <li>• 6 KVA UPS – 1 No.</li> </ul>
CSE	Research and Development Lab	<ul style="list-style-type: none"> <li>• Acer i7 Processor, 16 GB RAM, 2 TB HDD–2 Nos.</li> <li>• Acer i5 Processor, 8 GB RAM, 1 TB HDD–34 Nos.</li> <li>• TVS MSP 245 Dot Matrix Printer – 1 No.</li> <li>• Canon 2900B Laser Printer – 1 No.</li> <li>• 6 KVA UPS – 2 Nos.</li> <li>• 1100 VA UPS – 1 No.</li> </ul>
CSE	Common Computing Facility - 2	<ul style="list-style-type: none"> <li>• HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 5 Nos.</li> <li>• Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 42 Nos.</li> <li>• Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 3 Nos.</li> <li>• Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 19 Nos.</li> <li>• Wipro LQ DX 1050+ Dot Matix Printer – 2 Nos.</li> <li>• Wipro LQ DX GOLD Dot Matix Printer – 2 Nos.</li> <li>• Canon 2900B Laser Printer – 1 No.</li> <li>• TVS HD 755 Dot Matrix Printer – 2 Nos.</li> <li>• 6 KVA UPS – 3 Nos.</li> </ul>
CSE	M.Tech Lab	<ul style="list-style-type: none"> <li>• Acer i5 Processor, 8 GB RAM, 500 GB HDD – 42 Nos.</li> <li>• Canon 2900B Laser Printer – 1 No.</li> <li>• 6 KVA UPS – 1 No.</li> </ul>
IT	Object Oriented Systems Lab	<p><b>Computers: 37 NO's</b>  <b>1.ACER i5 2.70GHz processor,8GB RAM, 1TB HDD, LCD Monitors. – 35 NO's.</b>  <b>2. HCL PDC 2.6GHz processor, 2GB RAM, 320 GB HDD, LCD Monitors. – 2 NO's.</b></p> <p><b>Server: 01 No</b>  <b>IBMX 3200 server, X50 QUAD Core/12450 2.4 GHz, 1333 MHz, 4 GB RAM/2x250 GB, SATA DVD RAM.</b></p> <p><b>SONY LCD Projector – 01 NO's</b></p> <p><b>UPS: LIEBERT 10 KVA – 01 NO'S</b></p> <p><b>Printers: 04 NO's</b> 1. Laser jet – 02 NO's  2. T.V.S Dot matrix – 02 NO's</p>
IT	Database Data Warehousing Lab	<p><b>Computers: 36 NO's</b>  <b>1. ACER i5 2.53GHz processor,8GB RAM, 1TB HDD, LED Monitors. – 30 NO's.</b>  <b>2. ACER PDC 2.53GHz processor, 4GB RAM, 500 HDD, LED Monitors. – 06 NO's.</b></p> <p><b>Server: 01 No</b>  <b>DELTA=R5 IMS Premium Bundle-MFSYS25V2, 2 compute modules 3XE-nosn quad core processors, 32 GB RAM,4TB of SAS Storage.- 01 NO's</b></p> <p><b>SONY LCD Projector – 01 NO's</b></p> <p><b>Printers: 04 NO's ; 1.HP Laser jet – 01 NO's</b>  <b>2.WiproLQDX GOLD DMP – 03 NO's</b></p>
IT	Advanced Programming Lab	<p><b>Computers: 60 NO's</b>  <b>1. HCL PDC 3.0GHz processor, 2 GB RAM 320 HDD, LCD Monitor – 54 NO's.</b></p> <p><b>SONY LCD Projector – 01 NO's</b></p>

		<b>UPS: LIEBERT 6 KVA – 03 NO'S</b>  <b>Printers: 04 NO's</b> <ol style="list-style-type: none"> <li>1. Canon Laser jet – 01 NO's</li> <li>2. T.V.S 245 DMP – 01 NO's</li> <li>3. Wipro LQ DSI DMP – 02 NO's</li> <li>4. HP1020 LASER</li> </ol>
IT	IT Biometrics & Research Lab	<b>Computers: 24 NO's</b> <ol style="list-style-type: none"> <li>1. Acer I3 Processor, 4GB RAM, 500 GB HDD, LCD Monitor. – 05 NO's</li> <li>2. ACER VERITON Intel Dual Core processor, 2.8GHz, 4GB RAM, 500GB HDD LED Monitor. – 10 NO's</li> <li>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.</li> <li>4.ACER i5 Dual 2.8GHz 8GB RAM,1TB HDD,LED Monitor– 5NO's</li> </ol> <b>UPS : LIEBERT 6 KVA – 01</b>  <b>Printer: Canon Laser jet – 01</b>  <b>KIOSKs : 02 NO's</b> Hostans Systems HCL i3 2.53 GHz processor, 1TB HDD, 21" Touch screen with Biometric and Bar code scanners.  <b>Hamster II FPA NITGEN- 03 NOs</b>  <b>Zebrox cameras – 02 NO's</b>  <b>IRIS Device (LG) – 01 NO's</b>  <b>Honeywell scanner (1452G, IEE 3300) – 02 NO's</b>  <b>Honeywell Barcode Printer – 01 No's</b>
MBA	Department of Business and Management Studies	Computers, 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.

		<p>Loading a satellite image and switching the bands on and off</p> <p>Rectification and Referencing of satellite images.</p> <p>Feature identification from Aerial Photographs.</p> <p>Observing depth of field in stereo-pairs.</p>
CE	GIS & CAD Lab	<p>Introduction to Computer Aided Drafting – features and environment</p> <p>Display Commands: Specification of limits, Drawing Scale &amp; View magnification, zooming and panning Commands, Print Options,</p> <p>Creating and Editing 2D Geometry: Creating LINE, POLYLINE, CIRCLE, ARC, ELLIPSE. Usage of editing and modifying commands</p> <p>Construction Techniques: Tools to assist drafting – Creating Offsets, Trimming and extending of lines, filtering of corners, creating multiple objects through</p> <p>Mirroring and Array Generation</p> <p>Managing Object Properties: Significance of Layers and its applications in building drawing – Use of different types of lines and their weightages</p> <p>Creating Text and Defining Styles: Exercises in adding text to the drawing. Management of text styles</p> <p>Drawing in layouts: Creation of layout and its application in Civil Engineering</p> <p>Drawing basic plan of single storey building</p> <p>Introduction to 3D commands: Creating Cube, Cylinder, Prism, Sphere, Pyramid</p> <p>Intersection of solids using 3D commands</p>
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 &amp; 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 &amp; 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 &amp; Water absorption test.</p> <p>Penetration and Ductility of bituminous material.</p> <p>Softening point and flash &amp; fire point of bituminous material.</p> <p>Parking Studies.</p> <p>Earthwork Calculations based on LS &amp; 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 &amp; 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>
EEE	Electrical Circuits Lab	<ol style="list-style-type: none"> <li>1. Verification of Thevenin's and Norton's Theorems</li> <li>2. Maximum Power Transfer Theorem</li> <li>3. Verification Superposition and Reciprocity Theorems</li> <li>4. Verification of Compensation and Millman's Theorems</li> <li>5. Series and Parallel Resonance</li> <li>6. Determination of Self, Mutual Inductances and Coefficient of coupling</li> <li>7. Z and Y Parameters</li> <li>8. Transmission and Hybrid parameters</li> <li>9. Measurement of Active power for Star connected balanced load</li> <li>10. Measurement of Reactive power for Star connected balanced load</li> <li>11. Time Response Of First Order RL / RC Network</li> <li>12. Determination of form factor for non - sinusoidal wave forms.</li> </ol>
EEE	Electrical Machines Lab -I	<ol style="list-style-type: none"> <li>1. Magnetization characteristics of DC shunt generator. Determination of critical field resistance and critical speed.</li> <li>2. Swinburne's test and Predetermination of efficiencies as Generator and Motor.</li> <li>3. Speed control of DC shunt motor by Field and armature Control.</li> </ol>

		<ol style="list-style-type: none"> <li>4. Load test on DC compound generator. Determination of characteristics.</li> <li>5. Hopkinson's test on DC shunt machines. Predetermination of efficiency.</li> <li>6. Brake test on DC compound motor. Determination of performance curves.</li> <li>7. O.C. &amp; S.C. Tests on Single phase Transformer.</li> <li>8. Sumpner's test on single phase transformers.</li> <li>9. Load test on DC shunt generator. Determination of characteristics.</li> <li>10. Parallel operation of Single phase Transformers.</li> <li>11. Brake test on DC series motor.</li> <li>12. Load test on single phase Transformer.</li> </ol>
EEE	Electrical Machines Lab -II	<ol style="list-style-type: none"> <li>1. No-load &amp; Blocked rotor tests on three phase Induction motor.</li> <li>2. Brake test on three phase Induction Motor.</li> <li>3. Equivalent Circuit of a single phase induction motor</li> <li>4. Regulation of a three –phase alternator by synchronous impedance &amp; M.M.F. methods.</li> <li>5. V and Inverted V curves of a three—phase synchronous motor.</li> <li>6. Regulation of a three –phase alternator by Z.P.F and A.S.A methods.</li> <li>7. Determination of <math>X_d</math> and <math>X_q</math> of a salient pole synchronous machine.</li> <li>8. Brake test on single phase Repulsion Motor.</li> <li>9. Sequence Impedance of 3-phase Alternator.</li> <li>10. Regulation of three –phase alternator by Direct Load test.</li> <li>11. Speed control of three-phase Schrage Motor.</li> <li>12. Characteristics of Line excited Induction generator.</li> </ol>
EEE	Electrical Measurements Lab	<ol style="list-style-type: none"> <li>1 Calibration and Testing of single phase energy Meter</li> <li>2 Calibration of dynamometer power factor meter.</li> <li>3 Crompton D.C. Potentiometer – Calibration of PMMC ammeter and PMMC voltmeter.</li> <li>4 Capacitance Measurement using Schering Bridge.</li> <li>5 Inductance Measurement using Anderson Bridge.</li> <li>6 Measurement of parameters of a choke coil using 3 voltmeter and 3 ammeter methods.</li> <li>7 Measurement of 3 phases reactive power with single-phase wattmeter for balanced loading.</li> <li>8 Calibration LPF wattmeter – by Phantom testing.</li> <li>9 Dielectric oil testing using H.T. testing Kit.</li> <li>10 LVDT– characteristics and Calibration.</li> <li>11 Resistance strain gauge – strain measurement and Calibration.</li> <li>12 Kelvin's double Bridge – Measurement of low resistance.</li> </ol>
EEE	Control Systems Lab	<ol style="list-style-type: none"> <li>1. Time response of Second order system.</li> <li>2. Effect of feedback on DC servo motor.</li> <li>3. Characteristics of Synchros.</li> <li>4. Effect of P, PD, PI, PID Controller on a second order systems.</li> <li>5. Programmable logic controller – Study and Verification of truth Tables of logic gates, simple Boolean expressions and application of speed control of motor.</li> <li>6. Temperature controller using PID</li> <li>7. Lag and lead compensation – Magnitude and phase plot.</li> <li>8. Characteristics of magnetic amplifiers.</li> <li>9. Characteristics of AC servo motor.</li> <li>10. Transfer function of DC Motor.</li> <li>11. Transfer function of DC generator.</li> <li>12. Transfer function of Operational Amplifier.</li> <li>13. Stability Analysis ( Root locus, Bode, Nyquist) of Linear Time Invariant System</li> <li>14. State space model for classical transfer functions using MATLAB–Verification.</li> <li>15. Traffic Light Control System</li> <li>16. Analysis of time response of series RLC circuit</li> </ol>
EEE	Electrical Technology Lab	<ol style="list-style-type: none"> <li>1. Serial and Parallel Resonance – Timing, Resonant frequency, Bandwidth and Q-factor determination for RLC network.</li> <li>2. Two port network parameters – Transmission ,Hybrid Parameters.</li> <li>3. Two port network parameters – Z, Y Parameters.</li> <li>4. Verification of Superposition and Reciprocity theorems.</li> <li>5. Verification of maximum power transfer theorem</li> <li>6. Verification of Thevenin's Theorem.</li> <li>7. Verification of Norton's Theorem</li> <li>8. Magnetization characteristics of DC Shunt generator. Determination of critical field resistance.</li> <li>9. Swinburne's Test on DC shunt machine (Predetermination of efficiency of a given DC shunt machine working as motor and generator).</li> <li>10.Brake test on DC shunt motor. Determination of performance characteristics.</li> <li>11.OC &amp; SC tests on Single-phase transformer (Predetermination of efficiency and regulation at given power factors and determination of equivalent circuit).</li> <li>12.Speed control of DC Shunt Motor.</li> </ol>
EEE	Power Systems Lab	<ol style="list-style-type: none"> <li>1. Characteristics of IDMT over Current Relay.</li> <li>2. Characteristics of Static Negative Sequence Relay.</li> <li>3. Characteristics of Over Voltage Relay. (Microprocessor Type).</li> </ol>

		<ol style="list-style-type: none"> <li>4. Characteristics of Reverse Power Relay.</li> <li>5. Simulation of 220KV Transmission line model. <ol style="list-style-type: none"> <li>i) Ferranti Effect ii) Transmission line parameter iii) Surge Impedance loadings</li> </ol> </li> <li>6. Transformer Oil Testing and testing of Buchholtz relay.</li> <li>7. Determination of Sub-Transient Reactance of a Salient Pole Machine.</li> <li>8. Characteristics of impedance relay.</li> <li>9. Determination of Sequence Impedances of a salient pole Synchronous Machine.</li> <li>10. Characteristics of Under frequency relay.</li> <li>11. Characteristics of Deferential relay.</li> <li>12. Characteristics of Induction Motor Protection relays.</li> </ol>
EEE	Electrical Systems Simulation Lab	<ol style="list-style-type: none"> <li>1. Steady state and Transient analysis of RLC circuits.</li> <li>2. Series and parallel RLC Resonance circuits.</li> <li>3. Verification of Thevenin's, Norton's and maximum power transfer theorems.</li> <li>4. Response of second order systems to an input. <ol style="list-style-type: none"> <li>(i) Pulse signal (ii) Step signal and (iii) Sinusoidal signal.</li> </ol> </li> <li>5. Design of PID controller for a second order control system.</li> <li>6. Plot Root locus, Bode plots, and Nyquist plots for the transfer functions of systems and analyze the stability of the given system.</li> <li>7. State model representation of transfer functions and evaluating the controllability and observability of the system.</li> <li>8. Single phase voltage source inverter.</li> <li>9. Single-phase full converter using R,L &amp; E loads.</li> <li>10. Single phase AC voltage controller using R,L &amp; E loads.</li> <li>11. Load Flow studies by Gauss-seidel/Newton Raphson/Fast decoupled methods.</li> <li>12. Short circuit studies for symmetrical and unsymmetrical (LL, LG, LLG) faults.</li> <li>13. Modeling and simulation of single phase transformer.</li> <li>14. Modeling and simulation of three phase induction machine</li> <li>15. Dynamic stability analysis of Power Systems</li> <li>16. Switching transients in a single phase line</li> <li>17. Circuit breaker operation of three phase balanced load</li> </ol>
EEE	Power Electronics & Drives Lab	<ol style="list-style-type: none"> <li>1. Study of Characteristics of SCR,MOSFET &amp; IGBT.</li> <li>2. Gate firing circuits for SCR's</li> <li>3. Forced Commutation circuits (Class A, B, C, D &amp; E).</li> <li>4. Single Phase Half controlled converter with R and RL load.</li> <li>5. Single Phase fully controlled bridge converter with R and RL load.</li> <li>6. Single Phase AC Voltage Controller with R and RL load.</li> <li>7. Single Phase Cyclo – converter with R and RL load.</li> <li>8. Single Phase bridge inverter with R and RL load.</li> <li>9. Single Phase series inverter with R and RL load.</li> <li>10. Single Phase Parallel, inverter with R and RL load.</li> <li>11. Single Phase dual converter with RL load</li> <li>12. Three Phase half controlled bridge converter with RL – Load</li> <li>13. Chopper Controlled DC Motor</li> </ol>
EEE	Power Electronics & Electrical Drives Lab (PG)	<ol style="list-style-type: none"> <li>1. 3-<math>\Phi</math> AC Voltage Controller On Motor Load.</li> <li>2. 3-<math>\Phi</math> Full Converter With R &amp; RL Loads</li> <li>3. 3-<math>\Phi</math> Full Converter With DC Motor Drive</li> <li>4. Four Quadrant Choppere Drive Using DC Motor</li> <li>5. Single -<math>\Phi</math> Igbt Based Pwm Inverter On R&amp; RL Loads</li> <li>6. 3-<math>\Phi</math> IGBT Based Pwm Inverter On R &amp; RL Load</li> <li>7. 3-<math>\Phi</math> SCR Based Inverter Drive For AC Motor Module</li> <li>8. Speed Controller Of 3-<math>\Phi</math> Slipring Induction Motor By Static Rotor Resistance Controller</li> <li>9. 3-<math>\Phi</math> PWM Pulse Genrator Module</li> <li>10. DSP Based V/F Control Of Induction Motor</li> <li>11. 3-<math>\Phi</math> PWM Pulse Generation Using FPGA</li> <li>12. FPGA Based 3-<math>\Phi</math> IGBT Inverter</li> </ol>
ME	Engg. Workshop	<p><b>Carpentry</b> : a) T-Lap Joint b) Cross Lap Joint c) Dovetail Joint.</p> <p><b>Fitting</b>: a) V-Fit b) Square Fit c) Half Round Fit</p> <p><b>Black Smithy</b>: a) Round to Square b) S-Hook c) Round to Ring</p> <p><b>House Wiring</b>: a) Parallel / Series Connection b) Stair Case wiring c) Florescent Lamp connection</p> <p><b>Tin Smithy</b>: a) Taper Tray b) L – Pipe c) Funnel</p> <p><b>Welding</b>: a) Lap joint b) Butt joint c) Tee joint</p> <p><b>Foundry</b>: Mould making using Single and multi piece pattern</p> <p><b>Plumbing</b>: a) Screwed pipe joint – For GI Pipes, PVC Pipes b) Glued or cemented pipe joint – for PVC pipes</p> <p><b>Handling of Power Tools</b>: 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"> <li>1. Determination of calorific value of fuel by Bomb calorimeter</li> <li>2. Determination of calorific value of fuel by Junkers calorimeter</li> <li>3. Determination viscosity index by using Redwood viscometer</li> <li>4. Determination of flash and fire point of the given Lubricating oil</li> <li>5. Determination of pour and cloud point of lubricating oil</li> <li>6. Determination of pH of processed water</li> <li>7. Determination of rate of corrosion</li> <li>8. determination of moment of a force using weight balancing technique</li> <li>9. Determination of angle of deflection of T bar due to eccentric loading</li> <li>10. Determination of centroid of the plane lamina</li> <li>11. Determination of axial forces in members of a loaded truss</li> <li>12. Verification of Lami's theorem</li> </ol>
ME	Electrical and Electronics Engineering Lab	<ol style="list-style-type: none"> <li>1. Verification of Kirchhoff's Laws</li> <li>2. Verification of Superposition Theorem</li> <li>3. Verification of Maximum Power Transfer Theorem</li> <li>4. Experimental Verification of Thevenin's Theorem</li> <li>5. Speed Control of DC Shunt Motor</li> <li>6. Open Circuit and Short Circuit Test on Single Phase Transformer</li> <li>7. Brake Test on DC Shunt Motor</li> <li>8. Brake Test on Three Phase Induction Motor</li> <li>9. P-N Junction Diode Characteristics</li> <li>10. Rectifiers With and Without Filters (Half Wave and Full Wave)</li> <li>11. Transistor CE Characteristics</li> <li>12. SCR Characteristics</li> </ol>
ME	Solid Mechanics and Metallurgy Lab	<ol style="list-style-type: none"> <li>1. Determination of modulus of elasticity using universal Testing machine</li> <li>2. Determination of modulus of elasticity and bending stress in <ol style="list-style-type: none"> <li>a) Simply Supported Beam</li> <li>b) Cantilever beam</li> </ol> </li> <li>3. Determination of modulus of rigidity using torsion testing machine</li> <li>4. Determination of Hardness number using a) Brinells hardness test b) Rockwell hardness test</li> <li>5. Determination of stiffness of springs using Spring Testing machine</li> <li>6. Determination of Impact strength using Impact Testing Machine a) Izod test b) Charpy test</li> <li>7. Determination of shear strength using Universal testing machine</li> <li>8. Determination of compressive strength using compression testing machine</li> <li>9. Preparation and study of the Microstructure of pure metals like Cu and Al</li> <li>10. Preparation and study of the Microstructure of Mild steels, low carbon steels, high – C steels</li> <li>11. Preparation and study of the Micro Structures of Cast Irons</li> <li>12. Preparation and study of the Micro Structures of Non-Ferrous alloys</li> <li>13. Preparation and study of the Micro structures and hardness of Heat treated steels</li> <li>14. Hardenability of steels by Jominy End Quench Test</li> </ol>
ME	Computer Aided Modeling Lab	<ol style="list-style-type: none"> <li>1. Drawing of sketch of part - I</li> <li>2. Drawing of sketch of part - II</li> <li>3. Modeling of a part</li> <li>4. Modeling of a part and generation of orthographic views – I</li> <li>5. Modeling of a part and generation of orthographic views - II</li> <li>6. Creating detailed drawing with sectional views –I</li> <li>7. Creating detailed drawing with sectional views -II</li> <li>8. Modeling and assembly of parts - I</li> <li>9. Modeling and assembly of parts - II</li> <li>10. Modeling and assembly of parts - III</li> <li>11. Creating Schematic Diagrams</li> <li>12. Creating a model of the sheet metal part</li> </ol>
ME	Thermal Engineering Lab	<ol style="list-style-type: none"> <li>1. Valve/port timing diagrams of a single cylinder diesel engine</li> <li>2. Disassembly / assembly of 4- stroke single cylinder petrol engine</li> <li>3. Load test on 4-stroke single cylinder diesel engine</li> <li>4. Load test on 4-stroke twin single cylinder diesel engine</li> <li>5. Load test on 2-stroke single cylinder petrol engine</li> <li>6. Morse test on 4-stroke multi cylinder petrol engine</li> <li>7. Motoring and retardation test on 4-stroke single cylinder diesel engine</li> <li>8. Draw the heat balance sheet on 4 - stroke single cylinder diesel engine</li> <li>9. Load test on 4 - stroke single cylinder variable compression ratio petrol Engine</li> <li>10. Engine</li> <li>11. Performance test on reciprocating air compressor</li> <li>12. Performance test on Refrigeration test rig</li> <li>13. Performance test on Air conditioning and Heat Pump test rig</li> </ol>

ME	Manufacturing Processes Lab	<ol style="list-style-type: none"> <li>1. Pattern making for the given specifications</li> <li>2. Testing of molding sand properties</li> <li>3. Manufacturing of the given component using casting</li> <li>4. Preparation of lap and butt joints using arc welding</li> <li>5. Preparation of lap and single strap butt joints using spot welding</li> <li>6. Preparation of butt joints using Plasma welding</li> <li>7. Preparation of butt joints using TIG welding</li> <li>8. Preparation of lap joints using brazing</li> <li>9. Blanking and piercing operations using hydraulic press</li> <li>10. Preparation of a component using injection moulding</li> <li>11. Study of preparation of a bottle using blow moulding</li> <li>12. Study of gas welding process</li> </ol>
ME	Machine Dynamics Lab	<ol style="list-style-type: none"> <li>1. Whirling speed of shaft</li> <li>2. Torsional vibrations of a shaft (a) without damping (b) with damping</li> <li>3. Longitudinal Vibrations of a beam (a) without damping (b) with damping</li> <li>4. Model analysis of structural beams by using FFT Analyzer</li> <li>5. Motorized Gyroscopic Couple Apparatus</li> <li>6. Balancing of Rotating Masses</li> <li>7. Determination of centrifugal force at different speeds by using Governor apparatus</li> <li>8. Balancing of Reciprocating Masses</li> <li>9. Forced vibrations of beam</li> <li>10. Determination of Friction and Wear</li> <li>11. Determination of moment of inertial of bifilar and trifilar systems</li> <li>12. Natural frequency of single and two rotor systems</li> </ol>
ME	Machine Tools Lab	<ol style="list-style-type: none"> <li>1. Step turning.</li> <li>2. Taper turning on lathe machine</li> <li>3. Thread cutting and knurling on lathe machine</li> <li>4. Drilling and boring on lathe</li> <li>5. Drilling using radial drilling machine and tapping</li> <li>6. Shaping</li> <li>7. Planing</li> <li>8. Slotting</li> <li>9. Spur Gear cutting on milling machine</li> <li>10. Helical Gear cutting on milling machine</li> <li>11. Cylindrical grinding</li> <li>12. Grinding of tool angles</li> </ol>
ME	Thermal Engineering Lab	<ol style="list-style-type: none"> <li>1. Valve timing diagram of 4- stroke single cylinder diesel engine</li> <li>2. Port timing diagram of 2- stroke single cylinder petrol engine</li> <li>3. Disassembly / assembly of 4- stroke single cylinder petrol engine</li> <li>4. Load test on 4-stroke single cylinder diesel engine</li> <li>5. Load test on 2-stroke single cylinder petrol engine</li> <li>6. Morse test on 4-stroke multi cylinder petrol engine</li> <li>7. Motoring &amp; retardation test on 4-stroke single cylinder diesel engine</li> <li>8. Heat balance test on 4 - stroke single cylinder diesel engine</li> <li>9. Economical speed test on 4- stroke multi cylinder petrol engine</li> <li>10. Load test on 4 - stroke single cylinder variable compression ratio petrol engine</li> <li>11. Performance test on reciprocating air compressor</li> <li>12. Performance test on Refrigeration test rig</li> <li>13. Performance test on Air conditioning and Heat Pump test rig</li> <li>14. Study of Boilers</li> </ol>
ME	FM & HM Lab	<ol style="list-style-type: none"> <li>1. Determine coefficient of discharge of Venturimeter</li> <li>2. Determine coefficient of discharge of Orifice meter</li> <li>3. Determination of friction factor for a given pipe line</li> <li>4. Determination of loss of head due to sudden contraction in a pipeline</li> <li>5. Determine coefficient of discharge Turbine flow meter</li> <li>6. Verification of Bernoulli's equation</li> <li>7. Determine coefficient of discharge of V-Notch</li> <li>8. Determine coefficient of discharge of orifice</li> <li>9. Determine coefficient of discharge of Mouth Piece</li> <li>10. Determine the efficiency of jet</li> <li>11. Performance Test on Pelton Wheel</li> <li>12. Performance Test on Francis Turbine</li> <li>13. Performance Test on Kaplan Turbine</li> <li>14. Performance Test on Single Stage Centrifugal Pump</li> <li>15. Performance Test on Multi Stage Centrifugal Pump</li> <li>16. Performance Test on Reciprocating Pump</li> </ol>



ME	Metrology and Instrumentation Lab	<ol style="list-style-type: none"> <li>1. Measurement of lengths, heights, diameters by vernier calipers, micrometers etc</li> <li>2. Measurement of bores by internal micrometers and dial bore indicators</li> <li>3. Use of gear tooth vernier calipers &amp; checking the chordal thickness of spur gear</li> <li>4. Angle and taper measurements by Bevel protractor, sine bars etc.</li> <li>5. Thread measurement by two wire/three wire methods &amp; tool maker's microscope</li> <li>6. Linear and angular measurements using profile projector</li> <li>7. Calibration of thermister for temperature measurement</li> <li>8. Calibration of thermocouple for temperature measurement</li> <li>9. Calibration of resistance temperature detector for temperature measurement</li> <li>10. Study and calibration of LVDT transducer for displacement measurement</li> <li>11. Calibration of strain gauge</li> <li>12. Calibration of capacitive transducer for angular displacement</li> <li>13. Study and calibration of photo and magnetic speed pickups for the measurement of speed</li> </ol>
ME	Computer Aided Modeling Lab	<ol style="list-style-type: none"> <li>1. Drafting of cotter joint</li> <li>2. Drafting of Coupling and Bearing</li> <li>3. Part Drawing of Screw Jack</li> <li>4. Part Drawing of stuffing box</li> <li>5. Indication of Fits Tolerances on drawings</li> <li>6. Modeling of components of eccentric</li> <li>7. Modeling of components of Stuffing Box</li> <li>8. Indication of Surface roughness, heat treatment and surface treatment symbols on drawings</li> <li>9. Assembly of Hooks Joint</li> <li>10. Assembly of Pipe vice</li> <li>11. Detailed drawing of Oldham coupling</li> <li>12. Detailed drawing of Eccentric</li> </ol>
ME	CAD / CAM Lab	<ol style="list-style-type: none"> <li>1. Static Analysis of truss</li> <li>2. Static Analysis of beam</li> <li>3. Static Analysis of 3- D structures</li> <li>4. Steady State Heat Transfer Analysis</li> <li>5. Modal analysis of beam</li> <li>6. Analysis of Axisymmetric Problem</li> <li>7. Optimization of cantilever beam</li> <li>8. Analysis of plane stress problem</li> <li>9. Simulation of manufacturing Processes</li> <li>10. Machining of Simple Components using CNC Lathe</li> <li>11. Machining of Simple Components using CNC Mill</li> <li>12. Palletization of objects using pick and place Robot</li> </ol>
ME	Heat Transfer Lab	<ol style="list-style-type: none"> <li>1. Determination of the overall heat transfer co-efficient of composite slab</li> <li>2. Determination of Thermal Conductivity of a lagged pipe</li> <li>3. Determination of Thermal Conductivity of a given insulating powder</li> <li>4. Determination of Thermal Conductivity of given metal rod</li> <li>5. Determination of efficiency of a pin-fin</li> <li>6. Determination of heat transfer coefficient in Transient Heat Conduction</li> <li>7. Determination of heat transfer coefficient in forced convection</li> <li>8. Determination of heat transfer coefficient in natural convection</li> <li>9. Determination of overall heat transfer coefficient in a heat exchanger</li> <li>10. Determination of Emissivity of a test plates</li> <li>11. Determination of Stefan Boltzmann constant</li> <li>12. Determination of heat transfer coefficient in drop and film wise condensation</li> <li>13. Determination of Critical Heat flux during boiling</li> <li>14. Study of heat pipe and its demonstration</li> <li>15. Study of Two – Phase flow</li> </ol>
ME	Computational Methods for Engineers Lab	<ol style="list-style-type: none"> <li>1. To deduce error involved in polynomial equation</li> <li>2. To Find out the root of the Algebraic and Transcendental equations using Bisection, Regula-falsi, Newton Raphson and Iterative Methods</li> <li>3. To implement Newton's Forward and Backward Interpolation formula</li> <li>4. To implement Gauss Forward and Backward Interpolation formula</li> <li>5. To implement Newton's Divided Difference and Langranges Interpolation formula</li> <li>6. To implement Numerical Differentiations</li> <li>7. To implement Numerical Integration using Trapezoidal, Simpson 1/3 rule</li> <li>8. To implement Least Square Method for curve fitting</li> <li>9. To draw frequency chart like histogram, frequency curve and pie-chart etc.</li> <li>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.</li> </ol>
ECE	Electronic Devices Circuits Lab	<ol style="list-style-type: none"> <li>1. Cathode Ray Oscilloscope</li> <li>2. Function Generators</li> <li>3. Regulated Power Supply</li> <li>4. DMM</li> <li>5. Analog Meters</li> <li>6. Trainer Kits</li> </ol>

ECE	Integrated Circuits Lab	<ol style="list-style-type: none"> <li>1. Cathode Ray Oscilloscope</li> <li>2. RPS-(0-30V)</li> <li>3. Function generators</li> <li>4. DMM</li> <li>5. Trainer kits</li> <li>6. Analog &amp; Digital IC tester</li> </ol>
	Communication Engineering Lab	<ol style="list-style-type: none"> <li>1. Cathode Ray Oscilloscope (analog) 20MHz</li> <li>2. Cathode Ray Oscilloscope(analog) 30MHz</li> <li>3. Cathode Ray Oscilloscope(analog) 100MHz</li> <li>4. Cathode Ray Oscilloscope(DSO) 50MHz</li> <li>5. RF signal Generator</li> <li>6. AM/FM signal generator</li> <li>7. Spectrum Analyzer</li> <li>8. Experimental Trainer Kits</li> </ol>
ECE	Microwave and Optical Communication Lab	<ol style="list-style-type: none"> <li>1. Intensity Modulation Kit</li> <li>2. Cathode Ray Oscilloscope</li> <li>3. Sx-9001 Bench</li> <li>4. Fibre Optic Analog Kit</li> <li>5. Microwave Bench</li> <li>6. Klystron Power supply</li> <li>7. Laser Diode Transmitter Kits</li> <li>8. Microwave Bench</li> </ol>
ECE	Micro Processor and Microcontroller Lab	<ol style="list-style-type: none"> <li>1. 8086 Microprocessor kits</li> <li>2. PIC Development Boards</li> <li>3. ARM7 Development Boards</li> <li>4. AVR Development Boards</li> <li>5. MSP430 Development Board</li> <li>6. ZIGBEE Node</li> <li>7. WSN Development Boards</li> <li>8. Wi-Fi Node</li> <li>9. Analog and Digital I.C Tester</li> <li>10. Universal Embedded Kits</li> <li>11. Superpro/Z Universal Programmer</li> <li>12. Cathode Ray Oscilloscopes</li> </ol>
ECE	Electronic Computer aided Designing Lab	<ol style="list-style-type: none"> <li>1. Computers</li> <li>2. MATLAB- R 2016a</li> <li>3. DSP KITS-DSK TMS 320CC6711</li> <li>4. DSP Starter kits-DSK-TMS</li> <li>5. DSP Starter kits-DSK-TMS-320C6716</li> <li>6. Zed board Zynq-7000 ARM/FPGA SOC Development Board</li> <li>7. DSP Starter kits(DSK) TMS .320C6713 with code composer studio</li> <li>8. .NI Lab view professional Development software with all the toolkits for ECE ,EEE, MECH AND CIVIL Engineering Application</li> </ol>
ECE	Embedded Systems Lab	<ol style="list-style-type: none"> <li>1. Single chip MCU trainer based on 89C51 ED2</li> <li>2. Logic controller Interface</li> <li>3. TXDR Interface</li> <li>4. Elevator Interface</li> <li>5. ARM 926 Kits</li> <li>6. ARM Development Board</li> <li>7. Wireless Development Board</li> <li>8. Acer Veriton Desktop Systems</li> </ol>
ECE	R & D Centre	<ol style="list-style-type: none"> <li>1. COMPUTERS</li> <li>2. Xilinx Vivado ,</li> <li>3. MATLAB,</li> <li>4. Multisim</li> </ol>
ECE	DECS Lab	<ol style="list-style-type: none"> <li>1. Computers</li> <li>2. Xilinx Vivado ,</li> <li>3. MATLAB,</li> <li>4. Multisim</li> </ol>
CSE	Operating Systems and Networks Lab	Acer i5 Processor, 8 GB RAM, 1 TB HDD Computers
		Acer Dual Core Processor, 8 GB RAM, 1 TB HDD Computers
		Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD Computers
CSE	Web Technologies Lab	Acer i5 Processor, 8 GB RAM, 1 TB HDD Computers
CSE	Data Structures Lab	Acer Dual Core Processor,8 GB RAM, 500 GB HDD Computers
CSE	Open source Technologies Lab	Acer Dual Core Processor,8 GB RAM, 500 GB HDD Computers
CSE	Data Base Lab	Acer Dual Core Processor,4 GB RAM, 500 GB HDD Computers
		HCL Dual Core Processor,2 GB RAM, 320 GB HDD Computers
CSE	Design Tools Lab	HCL Dual Core Processor,2 GB RAM, 320 GB HDD Computers
		HCL Dual Core Processor,1 GB RAM, 80 GB HDD Computers

CSE	Research and Development Lab	Acer i7 Processor, 16 GB RAM, 2 TB HDD Computers
		Acer i5 Processor, 8 GB RAM, 1 TB HDD Computers
CSE	Common Computing Facility - 2	HCL Dual Core Processor, 1 GB RAM, 80 GB HDD Computers
		Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD Computers
		Wipro Dual Core Processor, 4 GB RAM, 320 GB HDD Computers
		Acer Dual Core Processor, 4 GB RAM, 500 GB HDD Computers
CSE	M.Tech Lab	Acer i5 Processor, 8 GB RAM, 500 GB HDD Computers
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
MBA	<b>Department of Business and Management Studies</b>	<ol style="list-style-type: none"> <li>1. Preparation of Resume in MS Word.</li> <li>2. Formatting the text in MS Word.</li> <li>3. Extracting data from more than one table.</li> <li>4. Graphical Representation of Data in MS-Excel.</li> <li>5. Designing a Power Point Presentation by using MS Office.</li> <li>6. Creating Tables for Various Relations in SQL.</li> <li>7. Implementing the queries in SQL for insertion, updation and deletion of data.</li> <li>8. Use of DDL commands for altering tables.</li> <li>9. Use of DML commands to make changes in the tables.</li> <li>10. Retrieving of Data by Using Select Command.</li> </ol>

• Computing Facilities:

Internet Bandwidth	230 Mbps	
Number and configuration of System	1473	
Total number of system connected by LAN	1473	
Total number of system connected by WAN	1473	
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, Windows 10 Genuine Keys, Windows 8.1 Genuine Keys, NetSim, IBM SPSS MODELER Client -

	16.0 (10 Users), SQL Server, Oracle 10g, Oracle 9i (Unlimited 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. Total K7 Security (Licensed)
ENG	Multimedia English Language Lab Software
Special purpose facilities available	<ul style="list-style-type: none"> <li>➤ PMKVY-TI Centre of AICTE to empower unemployed youth with skills leading to gainful employment in suitable private sector.</li> <li>➤ APSSDC CM Skill Excellence Center (CMSEC) to scale up and increase the number of skilled candidates and placements. <ul style="list-style-type: none"> <li>○ Programming Lab</li> <li>○ Dassault Systems 3D Experience Lab</li> </ul> </li> <li>➤ Venture Development Centre (VDC) to start and develop own business startups for students.</li> <li>➤ APSSDC-ECM: ARC Labs “Indo-Euroean Skilling Centers for Mechatronics and Industrial Robotics”.,</li> <li>➤ WEL Center,</li> <li>➤ IT Enabled Lecture Theatre,</li> </ul>

- **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	<a href="https://gecgudlavalleru.ac.in/academic_calendar">https://gecgudlavalleru.ac.in/academic_calendar</a>
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 - Power Electronics & Electric Drives	<b>I Semester</b> ARM Architecture and Programming Electrical Machine Modeling and Analysis Analysis of Power Electronic Converters Electric Drives - I Elective - I <ul style="list-style-type: none"> <li>• Power Semiconductor Devices &amp; Protection</li> <li>• Engineering Optimization</li> </ul>	<ul style="list-style-type: none"> <li>• 3 -<math>\Phi</math> AC Voltage Controller On Motor Load. A.3 -<math>\Phi</math> AC Voltage Controller Firing Unit B.3 -<math>\Phi</math> AC Voltage Controller Power Device Circuit 430V/5A C.3-<math>\Phi</math> Isolation Transformer 415V/0-220V,415V,1KVA, D.AC Motor 1/2 Hp,3 -<math>\Phi</math>, 415V,1500rpm</li> <li>• 3 -<math>\Phi</math> Full Converter With R &amp; RL Loads A. Three -<math>\Phi</math> Full Converter</li> </ul>

	<ul style="list-style-type: none"> <li>• HVDC Transmission Systems</li> </ul> <p>Elective - II</p> <ul style="list-style-type: none"> <li>• Power System Dynamics and Stability</li> <li>• Special Machines and Control</li> <li>• Modern Control Theory</li> </ul> <p>Power Electronics Systems Simulation Lab</p> <p><b>II Semester</b></p> <p>Switched Mode Power Converters Electric Drives - II Flexible AC Transmission Systems Digital Signal Processing and Applications</p> <p>Elective - III</p> <ul style="list-style-type: none"> <li>• Renewable Energy Sources</li> <li>• AI Techniques</li> <li>• Smart Grid</li> </ul> <p>Elective - IV</p> <ul style="list-style-type: none"> <li>• Custom Power Devices</li> <li>• Digital Control Systems</li> <li>• Computer Aided Design of Electrical Machines</li> </ul> <p>Power Electronics and Drives Lab</p> <p><b>III Semester</b></p> <p>Seminar Comprehensive Viva-Voce Dissertation (Initiated in third semester)</p> <p><b>IV Semester</b></p> <p>Dissertation (Carried out in third &amp; fourth semesters)</p>	<p>Firing Unit</p> <ul style="list-style-type: none"> <li>• B. Three -<math>\Phi</math> Full Converter Power Device Circuit</li> <li>• 3 -<math>\Phi</math> Full Converter With Dc Motor Drive A. Three -<math>\Phi</math> Full Converter Firing Unit B. Three -<math>\Phi</math> Full Converter Power Device Circuit</li> <li>• C. Three -<math>\Phi</math> Isolation Transformer 415/0-220Volts,415V,1KVA , D. DC Motor 1/2 HP,220V,1500rpm</li> <li>• Four Quadrant Chopper Drive Using DC Motor A. Four Quadrant Chopper Device Module B. DC Motor 1HP,220Volts,1500rpm</li> <li>• Single -<math>\Phi</math> IGBT Based PWM Inverter On R &amp; RL Loads A.Single -<math>\Phi</math> IGBT Based PWM Inverter Module 220Volts/2A B.Dc Power Supply 0-220Volts/2A</li> <li>• 3 -<math>\Phi</math> IGBT based PWM Inverter on R &amp; RL load a) 3 -<math>\Phi</math> IGBT based PWM Inverter 220V/2A module , b) DC power supply 0-220V/2A</li> <li>• 3 -<math>\Phi</math> SCR based inverter drive for AC motor module 220V/2A b) AC motor 1/2HP, 3 -<math>\Phi</math>, 230V, 1500rpm</li> <li>• Speed controller of 3 -<math>\Phi</math> slipring induction motor by static rotor resistance controller a) static rotor resistance controller, b) 3 -<math>\Phi</math> slipring induction motor 440V, 1440rpm.</li> <li>• 3 -<math>\Phi</math> PWM pulse generator module</li> <li>• DSP Based V/F Control of Induction motor</li> <li>• 30Mhz Oscilloscope, with Colour LCD</li> <li>• PIC Micro-Controller using SCR's</li> <li>• DSO 50HZ Dual Channel, Scientech 401</li> <li>• DSO 50HZ Dual Channel, Scientech 401</li> </ul>
<p>M.Tech - Machine Design</p>	<p><b>I-SEM</b></p> <ol style="list-style-type: none"> <li>1. Computational Methods in Engineering</li> <li>2. Advanced Mechanics of Solids</li> <li>3. Analysis and Synthesis of Mechanisms</li> <li>4. Mechanical Vibrations</li> <li>5. Gear Engineering</li> <li>6. Professional Elective – I</li> <li>7. Machine Dynamics Lab</li> </ol> <p><b>II-SEM</b></p> <ol style="list-style-type: none"> <li>1. Research Methodologies</li> <li>2. Finite Element Methods</li> <li>3. Design with Advanced Materials</li> <li>4. Design for Manufacturing and Assembly</li> <li>5. Professional Elective – II</li> <li>6. Professional Elective – III</li> <li>7. Modeling and Analysis Lab</li> <li>8. Seminar</li> </ol> <p><b>Professional Elective – I</b></p> <ol style="list-style-type: none"> <li>1. Rotor Dynamics</li> <li>2. Experimental Stress Analysis</li> <li>3. Product Design</li> </ol> <p><b>Professional Elective - II</b></p> <ol style="list-style-type: none"> <li>1. Fracture Mechanics</li> <li>2. Condition Monitoring</li> </ol>	<p><b>Modeling and Analysis Lab</b></p>

	<p>3. Rapid Tooling and Prototyping</p> <p><b>Professional Elective - III</b></p> <p>1. Theory of Elasticity</p> <p>2. Geometric Modeling</p> <p>3. Tribology</p> <p><b>III-SEM</b></p> <p>1. Term Paper</p> <p>2. Dissertation (Initiated in third semester)</p> <p><b>IV-SEM</b></p> <p>1. Dissertation (Carried out in third &amp; Fourth Semester)</p>	
M.Tech – Embedded Systems	<p><b>I Semester</b></p> <p>Linear and Non-Linear Optimization Techniques</p> <p>Principles Of Digital Design Using FPGA</p> <p>Advanced Digital Signal Processing</p> <p>Advanced Microcontrollers</p> <p>Embedded C</p> <p><b>Professional Elective – I</b></p> <p>i) Embedded Networking</p> <p>ii) Sensors and Actuators</p> <p>Low Power CMOS Digital Design</p> <p>Advanced Digital Design Lab</p> <p><b>II Semester</b></p> <p>Research Methodologies</p> <p>Advanced Embedded Systems</p> <p>Principles of CMOS Analog Design</p> <p>Internet of Things</p> <p><b>Professional Elective – II</b></p> <p>i) SoC Design</p> <p>ii) Embedded Real Time Operating Systems</p> <p>iii) Embedded system design</p> <p><b>Professional Elective – III</b></p> <p>i) Advanced Computer Networks</p> <p>ii) Hardware Software Co-Design</p> <p>iii) Wireless sensor networks</p> <p>Embedded Systems Lab</p> <p>Seminar</p> <p><b>III Semester</b></p> <p>Term paper</p> <p>Dissertation (Initiated in third semester)</p> <p><b>IV Semester</b></p> <p>Dissertation (Carried out in third &amp; fourth semesters)</p>	<p>Mentor GraphicsHEP-2</p> <p>ZED Board ZynqARM/FPGA</p> <p>Mentor Graphics Backend (HEP-1)</p> <p>ARM Development Board</p> <p>WIRELESS Development Board</p> <p>Acer Desktop Computers</p>
M.Tech – Computer Science and Engineering		<p>Acer i5 Processor, 8 GB RAM, 500 GB HDD – 42 Nos.</p> <p>Canon 2900B Laser Printer – 1 No.</p> <p>6 KVA UPS – 1 No.</p>

- Special Purpose

Software, all design tools in case	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	2018-19	2017-18	2016-17
UG – B.Tech	945	1003	1021
PG – M.Tech	45	61	65
PG - MBA	87	96	101

17. List of Research Projects/ Consultancy Works

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

2018-19		2017-18		2016-17	
No.	Amount	No.	Amount	No.	Amount
89	16,55,932/-	90	5,51,650/-	36	16,30,376/-

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

Branch	List of Publications
	<b>2018 – 19</b>
CE	<ul style="list-style-type: none"> <li><b>Dr.P.Kodanda Rama Rao:</b> Response of High Rise Building with Conventional Brick and Light Weight Brick with Seismic Loads, IJITEE ISSN: 2278-3075, Volume-8 Issue-9, July 2019</li> <li><b>Mr. A.H.L.Swaroop:</b> Strength and Durability Properties on Fiber Reinforced Concrete by Replacing Fine Aggregate with Stone Powder, IJRTE ISSN: 2277-3878, Volume-8 Issue-2, July 2019</li> <li><b>Ms.K.Prafulla Devi:</b> Internal Curing Efficiency of Pre-Wetted Lightweight Fine Aggregates on Strength Parameters of Concrete, IJRTE ISSN: 2277-3878, Volume-8 Issue-2, July 2019</li> <li><b>Mr.Phani Kumar.V:</b> Behavior of P-Delta Effect in High- Rise Buildings With and Without Shear Wall, IJRTE ISSN: 2277-3878, Volume-8 Issue-2, July 2019</li> <li><b>Mr. A. V. Phani Manoj:</b> Strength and Durability Properties of Concrete with Partially Replaced Cement with Egg Shell Powder and Fine Aggregate with Quarry Dust, IJITEE ISSN: 2278-3075, Volume-8 Issue-10, August 2019</li> <li><b>Ms D Vaneela:</b> Experimental Investigation on M40 Grade Concrete with Partial Replacement of Coarse Aggregate with Shabath Crushed Stone and Cement with Fly Ash, IJRSET, ISSN(Online): 2319-8753, Vol. 8, Issue 5, May 2019</li> <li><b>P Siva Sankar:</b> Seismic Analysis of Multi Storied Buildings with Floating Columns, IJRSET, ISSN(Online): 2319-8753, Vol. 8, Issue 5, May 2019</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Y Vinod Kumar:</b> Influence of High Volume Fly Ash on Hybrid Fiber Reinforced Concrete, IJRSET, ISSN(Online): 2319-8753, Vol. 8, Issue 5, May 2019</li> <li>• <b>S Bhanu Pravallika:</b> Strength and Durability Properties of Fibre Reinforced Concrete by Partial Replacement of Cement with Metakaolin and Coarse Aggregate with Ferro Chrome Slag, IJRSET, ISSN(Online): 2319-8753, Vol. 8, Issue 5, May 2019</li> <li>• <b>K Venkateswara Rao:</b> Study on strength and durability properties of light weight aggregate concrete with mineral admixtures and steel fibers, IJRSET, ISSN(Online): 2319-8753, Vol. 8, Issue 5, May 2019.</li> </ul>
EEE	<ol style="list-style-type: none"> <li>1. B.Mahesh Babu ,Dr.L.Ravisrinivas, J.Ashasri Four Quarant operation of BLDC Motor For Electric Hybrid vehicles International Conference on Electrical, communications, electronics, instrumentation &amp; company (ICECEIC-2019) 30&amp;31<sup>st</sup> January 2019-02-19 Chandrasekharendra saraswathi viswa maha vidyalaya ,Kanchipuram,tamilnadu IEEE CONFERENCE.</li> <li>2. R.Koti Babu, Mr. K. Santhosh kumar photovoltaic module-integrated ac inverter i-manager's Journal on Instrumentation &amp; Control Engineering Vol.6,Issue 2,May 2018, ISSN : 2321 - 113X pages 10-20.</li> <li>3. G.Dhana Raju,B.Mahesh Babu,Dr.L.Ravi Srinivas Multi Quadrant Operated Speed and Torque Control of Switched Reluctance Motor- International journal of research in electronics and computer engineering Vol. 6, Issue 2, Apr.-June 2018 ISSN: 2393-9028 (PRINT)   ISSN: 2348-2281 (ONLINE) 1789   P a g e.</li> <li>4. T.V.Subhashini,Dr.K.Alice Mary,Dr.K.Ravindra,D.Triveni Non linear Control of SPWM Inverter Fed BLDC Motor Using Robust H controller International Journal of Engineering Research and Application Vol. 8, Issue 7 (Part –IV),July 2018, pp 57-63 ISSN : 2248-9622</li> </ol>
ME	<ol style="list-style-type: none"> <li>1. Sri D. Kiran Prasad, "Improved weight functions for stress intensity factors of semi elliptical crack in steam turbine rotor system", Applied Engineering Letters, Vol. 4, Issue 2, pp. 24-32, 2019</li> <li>2. Dr. B Karuna Kumar, "On the optimality of inventory and shipment policies in a two-level supply chain under quadratic price dependent demand", Int. J. Logistics Systems and Management, Vol. X, No. Y, xxxx (Accepted for Publication - Scopus Indexed Journal)</li> <li>3. Sri L. Ramesh, "Accurate characterization of crack in beam like structures using square of curvature mode shape: without baseline data", Journal of Mechanical Engineering Research and Developments (JMERE), Vol. 42, Issue 2, March 2019, pp. 58-66 (Scopus Indexed Journal)</li> <li>4. Mr. Y. Manideep Varma, Sri P. N. S. Srinivas, Dr. M. R. Ch. Sastry, Dr. P. Ravindra Babu, "Design and Characterization of Functionally Graded Aluminum Metal Matrix with SiC Reinforcement using powder metallurgy", International Journal of Mechanical and Industrial Technology, Vol. 7, Issue 1, April 2019 (UGC Approved Journal)</li> <li>5. Sri S. Srikanth, "Wear and Friction behavior of coconut shell ash reinforced AA-7075 metal matrix composites", International Journal of Research, Vol. 8, Issue 3, March 2019 (UGC Approved Journal)</li> <li>6. Mr. K. S. S. Balaji, Sri P. Murari, Sri K. Ch. Kishor Kumar, Dr. M. R. Ch. Sastry, "Invetsigation on Mechanical characterization of Al-6063 MMCs with reinforcements of SiC, TiO<sub>2</sub>, ZnCl<sub>2</sub> by using stir casting", International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 3, March 2019, ISSN :2321-9653 (UGC Approved Journal)</li> <li>7. Sri J. Chandra Sekhar, Sri K. Ch. Kishor Kumar, Dr. M. R. Ch. Sastry, "Development and characterization of Al-6061 Zirconium dioxide reinforced metal matrix composites by stir casting", International Journal for Research in Applied Science and Engineering Technology, Vol. 7, Issue 3, March 2019, ISSN :2321-9653 (UGC Approved Journal)</li> <li>8. Smt. M. Krishna Prasanna, Sri P. Murari, Dr. M.R.Ch. Sastry, Mr. Thalluru Pavan Teja, "An Experimental Investigation of Heat Transfer Characteristics in Tapered Cylindrical Fins under Natural and Forced Convection", International Journal of Research and Analytical Reviews, March 2019, Volume 6, Issue 1, ISSN: 2349-5138</li> <li>9. Sri Murari Panem, Dr. Ravindra Babu Potluri, Smt. Krishna Prasanna Monday, Sri Baji Karimulla Reddy Seelam, "Modeling of leaf spring contacts by finite element approach using Lagrange multiplier method", International Journal of Research and Analytical Reviews, March 2019, Volume 6, Issue 1, ISSN: 2349-5138 (UGC Approved Journal)</li> <li>10. Smt. M. Krishna Prasanna, Sri P. Murari, Sri T. Siva Krishna, Dr. M. R. Ch. Sastry, "An experimental investigation of heat transfer characteristics in plain and tapered spines", International Journal of Research in Advent technology, Vol 7, Issue 3, March 2019, ISSN: 2321 - 9637</li> <li>11. Sri P. Tejomurthi, Dr. K. Syam Sundar, Dr. M. R. Ch. Sastry, "Experimental Investigation of Mechanical Properties of Lady Finger Glass Reinforced Polyester Composites", International Journal of Research in Advent Technology, March 2019 EISSN: 2321-9637, pp. 255-259</li> <li>12. Sri G. Karuna Kumar, "A Fuzzy Multi Objective Technique for Quality to be Ordered on Supplier", International Journal of Mechanical Engineering and Production Engineering Research and Technology (IJMPERD), Vol.9, Issue 01, Feb 2019, 509-522. (Scopus Indexed journal)</li> <li>13. Dr. A. JawaharBabu, "A Gravitational Search Based Optimization of Job Shop Scheduling Problem", International Journal of mechanical and Production Engineering Research and Development, Vol. 8, Issue 6, ISSN(P):2249-6890, pp. 465-478, December 2018 (Scopus Indexed Journal)</li> <li>14. Sri Lanka Ramesh, "Vibration based Damage detection of beam like structures using Discrete Wavelet transform" Applied Engineering Letters Vol.3, No.4, 115-123 (December 2018) e-ISSN: 2466-4847.</li> </ol>

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ECE	<ol style="list-style-type: none"> <li>1. B.Swathi, M.V.Srikanth, V.V.K.D.V.Prasad, "a Novel approach to multi modal hybrid image fusion using wavelet and contourlet transform for medical diagnosis", International Conference on recent innovations in science, engineering, technology and management held at Hyderabad, July 2016.</li> <li>2. K.Sailaja, M.V.Srikanth, V.V.K.D.V.Prasad, "a novel approach to image denoising using shearlet transformation", International Conference on recent innovations in science, Engineering, Technology and Management held at Hyderabad, July 2016.</li> <li>3. N. Sowjanya, B. Rajasekhar, M. Kamaraju, "FPGA Implementation of Emotion Recognition from Speech Signals" International Journal of Electronics, Electrical and Computational Systems, ISSN 2348-117X, Volume 5, Issue 7,pp:10-14 July 2016.Impact Factor:2.52</li> <li>4. A. Ramakrishna Raju, N. Samba Murthy, M. Kamaraju, "FPGA Implementation of CORDIC Multiplier based Redundant Floating-point Butterfly Architecture for Signal Processing Applications", International Advanced Research Journal in Science, Engineering and Technology, ISSN (Online) 2393-8021 Vol. 3, Issue 7,pp:138-142, July 2016,Impact factor:4.821</li> <li>5. G. Sri Kanya1, P. Ramya, "ESDIT: An Approach for Improving Performance in MANET by Detecting and Isolating Selfish Nodes", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 7,pp:383-386, July,2016.Impact Factor:6.66</li> <li>6. M. A. Majeed, B. Vamsi Krishna, M. Kamaraju , "A real time control and monitoring system using ZynqSoC FPGA based web server", International Journal of Engineering Sciences and Technology, Vol.5,Issue.8,pp:388-398, August,2016Impact Factor:4.116</li> <li>7. K. Sai Kumar, Y Sri Chakrapani, M.Kamaraju, Implementation of Low Power Ultrasonic Phased Array Using ZYNQ-SoC IRACST - International Journal of Computer Science and Information Technology &amp; Security (IJCSITS), ISSN: 2249-9555,Vol.6, No4,pp:26-32, July-August 2016Impact Factor:3.765</li> <li>8. B. Preeti, M. Vijaya Kumar, "Implementation of Digital Modulation Techniques using Memristor Based Oscillator", International Journal of Computer Science and Information Technology &amp; Security, Vol.6, No4,pp:42-48, July-August,2016.Impact Factor:3.765</li> <li>9. T. Sai Sampath, T.S.R.Krishna Prasad, "Hiding of Data in Images using Spread Spectrum Technique" IRACST - International Journal of Computer Science and Information Technology &amp; Security (IJCSITS), ISSN: 2249-9555Volume 6, Issue 4,pp:.11-14,July-August 2016Impact Factor:3.765</li> <li>10. V. Gopi, B. Ajay Kumar, R. Chandrasekhar, "Channel hopping Algorithm in Cognitive Radio Networks", International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 8,pp:383-386, August,2016, Impact Factor:6.66</li> <li>11. P.Prabhujustin, G.Ramakrishna, "Joint Beam Forming Power and Channel Allocation in Multi User and Multi Channel using Multiple Relay MIMO Cognitive Radio Networks", International Journal of Science and Research (IJSR) Volume 5 ,Issue 8,pp:179-184, August 2016Impact Factor:6.391</li> <li>12. P.Venkatararao, G.Ramakrishna, "Synchronization and channel estimation in higher order mimoofdm systems", International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 09, pp:123-127, August 2016Impact Factor:4.45</li> <li>13. O.Srinu, N.V.Appa Rao, K.Rasool Reddy, "A new approach of modified ROI based lossy and loss less image compression for telemedicine application", CIIT International Journal of Digital Image Processing, vol.8,issue.8,pp:265-268, August,2016No Impact Factor</li> <li>14. Y.Murali Krishna, K.Murali Krishna, Ch.Amarnatha Sarma, "Efficient Exonic Regions Prediction in DNA Sequence Using Fast Converged Adaptive Filter", International Journal of signal Processing, Image Processing and Pattern Recognition, Vol.9,Issue 5,pp:243-252,2016,ISSN: 2005-4254, NoImpact Factor</li> <li>15. Sk.Gouse begum hajma, Ch.Amarnatha Sarma, "A Novel Multi-Focus Image Fusion IRACST - International Journal of Computer Science and Information Technology &amp; Security (IJCSITS), ISSN: 2249-9555Volume 6, Issue 4, pp:.11-14, July-August 2016, Impact Factor:3.765</li> <li>16. G.Akhila, P.Rama Krishna, "a novel reserving room approach for reversible data hiding algorithm before encryption on digital videos", International Advanced research Journal in Science, Engineering and Technology, vol3, issue 8,pp:120-123, August 2016,Impact Factor:4.821</li> <li>17. L. Veda Kumar, S. Bhavani, "Audio watermarking for digital image protection using source channel encoding", International Journal of Advanced research in Computer Communication and</li> </ol>

	<p>Engineering,vol.5,issue.9,September,2016,Impact Factor:5.332</p> <ol style="list-style-type: none"> <li>18. T.Sridhar, V.Vittal Reddy, “ A Novel Method for Improving the Throughput in High Data rate WSNs” International Advanced Research Journal in Science, Engineering and Technology,Vol.3, Issue 8, pp:240-244 ,August 2016Impact Factor:3.943</li> <li>19. Shaik Sirajuddin, V.Vittal Reddy, “Energy Efficiency Analysis for MIMO Communication Systems” International Journal of Advanced Research in Computer and Communication Engineering, Vol.5, Issue 9,pp.39-43, September 2016,Impact Factor:5.332</li> <li>20. Parise Srinivasa Rao, E.V.Vijay, “ Frame by Frame Digital Video Denoising by Non-local Means Algorithm and Bilateral Filter”, International Journal of Advanced Research in Computer Science and Software Engineering,ISSN:2277 128X, Volume 6, Issue 9, PP:266-270,September 2016.Impact Factor:2.5</li> <li>21. J.Soma Sekhar, E.V.Vijay, “All Digital Self-Interference Cancellation Technique for MIMO Full Duplex Systems” International Journal of Computer Applications ISSN:0975-8887, Volume 148, Issue 10, PP:13-18,August 2016.Impact Factor:0.752</li> <li>22. K.Surendra, Ch. Rambabu, V.V.K.D.V. Prasad, “An Efficient Energy Utilization Using Routing Protocols In Heterogeneous Wireless Sensor Networks”, International Advanced Research Journal in Science, Engineering and Technology(IARJSET), Vol.3,Issue.8,ISSN(Online):2393-8021,pp:206-210,Augut,2016, Impact Factor:3.943</li> <li>23. T. Suresh, C.Ramesh Reddy, Y. Syamala, A.V.N. Tilak, “Implementation of AFDX Switch on ZYNQ FPGA”, International Journal of Science and Research (IJSR), Volume 5, Issue 7, ISSN (Online): 2319-7064, pp:2017-2024, July 2016,Impact Factor:6.391</li> <li>24. G.Rajesh, T. Venkata Lakshmi, M. Kamaraju, “Low Power VLSI implementation of error detection and correction codes using OLS codes” International Journal of Computer Science and Information Technology &amp; Security (IJCSITS), ISSN: 2249-9555 Vol.6, No.4, July-August 2016.Impact Factor:3.765</li> <li>25. Dukka Bindu Venkata Raghav, Sunith Kumar Bandi, A.V.N.Tilak, “Digitalized Electronic Voting System”, International Journal of Advancements in Computing Technology(IJACT), Volume8, Number5,ISSN(Online):2233-9337, pp:117-122, Dec. 2016,SCOPUS,H-index:20</li> </ol>
CSE	<ol style="list-style-type: none"> <li>1. Mrs. D.N.V.S.L.S Indira, “TILLAGE DRIP: An Efficient Seed Selection and Conservative Irrigation with Crop Defective Alert by IOT”, International Conference on Smart Computing &amp; Informatics (SCI – 2017), Anil Neerukonda Institute of Technology and Sciences(ANITS), Vizag, AP, India, March 2017.[SPRINGER].</li> <li>2. Mrs. D.N.V.S.L.S Indira, “Polarity Classification and Intensification based on Emoticons and POS Tagging on Twitter Data”, IEEE Sponsored 4 th International Conference on Innovations in Information Embedded and Communication Systems(IEEE-ICIIECS’2017), organized by Karpagam College of Engineering, Coimbatore, Tamilnadu, India, March 2017. [IEEE].</li> <li>3. Mrs. D.N.V.S.L.S Indira, “Joint Fortification Model for Reliable Online Rating Systems using Linear Regression”, Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017) &amp; Power, Circuit and Information Technologies, organized by Madanapalli Institute of Technology and Science, Madanapalli, Andhra Pradesh, April 2017.</li> <li>4. Mr. Bala Brahmeswara. Kadaru, “Classifying Parkinson Disease using Mixed Weighted Mean” Presented a paper in International Conference on ICAJECES &amp; ICPCIT 2017 during 27<sup>th</sup>-29<sup>th</sup> MAR-2017.</li> </ol>
MBA	<ol style="list-style-type: none"> <li>1. Mr. P.V.M. Raju: “<b>A Comparative Study on HRD Climate in Public and Private Sector Industrial Units</b>” International Journal of Multidisciplinary Educational Research (IJMER), Vol.5, Issue-12 (5), December 2016.</li> <li>2. Ms. T.S.Leelavati: “<b>Recent Trends in HRM – Challenges and Concerns of a Modern Day HR</b>” International Journal of Multidisciplinary Educational Research (IJMER), Vol.6, Issue-2, February 2017.</li> <li>3. Ms. K.Susmitha: “<b>A comparative Study on Performance of Non-Performing assets in Public sector and Private sector banks</b>” International Journal of Multidisciplinary Educational Research (IJMER), Vol.6, Issue-4, April 2017.</li> <li>4. Ms. S. Madhavi: “<b>Changes in Consumer Buying Behaviour with the Advent of Organised Retailing with reference to Krishna District</b>” International Journal of Multidisciplinary Educational Research(IJMER): Volume: 6, Issue: 4, April 2017.</li> <li>5. Ms. A. Asha: “<b>Green Marketing-An Overview</b>” International Journal of Multidisciplinary Educational Research (IJMER), Vol.6, Issue-4, April 2017.</li> </ol>

➤ **Industry Linkage**

- **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 Skilling 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
Faculty Training	Algorithm implementation of video surveillance using FPGA	Efftronics Systems Pvt. Ltd. 40-15-9, Brundavan Colony, Vijayawada-520 010, Tel: +91 (866) 2466675, 2493375	4 <sup>th</sup> June 2018 to 4 <sup>th</sup> July 2018	N. Samba Murthy
Faculty Training	ARM Controller Programming	Efftronics Systems Pvt. Ltd. 40-15-9, Brundavan Colony, Vijayawada-520 010, Tel: +91 (866) 2466675, 2493375	11 <sup>th</sup> June 2018 to 11 <sup>th</sup> July 2018	P.Ramya
Faculty Training	Study and testing of RF Design	Efftronics Systems Pvt. Ltd. 40-15-9, Brundavan Colony, Vijayawada-520 010, Tel: +91 (866) 2466675, 2493375	4 <sup>th</sup> June 2018 to 4 <sup>th</sup> July 2018	B.Ajaykumar
Faculty Training	Mechatronics systems and Applied Robot Control (ARC)	Germany Center for Engineering and Management Studies UG Aachen, European Center for Mechatronics APS GmbH Aachen	18 <sup>th</sup> May 2019 to 31 <sup>st</sup> May 2019	B.R.B.Jaswanth

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
Code Tantra, Hyderabad	24 <sup>th</sup> 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 <sup>th</sup> February 2019	Provides international research, training, academic programs and establish Advanced Robotic Labs.	No. of Faculty - 2

**A. Invited Lectures and/ workshops by industry experts:**

Academic Year: 2018-2019

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 <sup>th</sup> and 26 <sup>th</sup> May 2018
2.	K. Ramesh Chandra Bose, Director, KMV Projects Ltd, Hyderabad	Construction Management	140	Construction Planning and Management	4 <sup>th</sup> April, 2018
3.	APPSSDC	Building Planning	70	REVIT Architecture	22 <sup>nd</sup> -24 <sup>th</sup> February, 2018
4.	Er. S.N.Satya Narayana, Deputy Executive Engineer, Polavaram Project	Structural Engineering	146	A Technical Outlook on Polavaram Project	20 <sup>th</sup> 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 <sup>th</sup> June to 29 <sup>th</sup> 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 <sup>th</sup> November to 30 <sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> – 14 <sup>th</sup> 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 <sup>th</sup> Sept., 2018
17	Sri Kranthi Kumar Elineni, Independent Scientist, India	Industry 4.O	216	Digital Transformation – A New Industrial Revolution	15 <sup>th</sup> Sept., 2018
18	Sri K.V. Ratnam, Superannuated Technical Officer (Gr.A,Gazetted), Indian Ordnance Factories	Metallurgy	216	Heat Treatment of Steels	24 <sup>th</sup> 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 <sup>rd</sup> 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 <sup>th</sup> July, 2018
21	Andhra Pradesh State Skill Development Corporation (APSSDC)	Software Tools	102	Engineering Orientation Programme	30 <sup>th</sup> Dec., 2018 – 5 <sup>th</sup> 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 <sup>th</sup> November – 2 <sup>nd</sup> Dec. 2018
24	Trainers from VIDAL NDT, Vijayawada	Production	150	Three Day Hand’s on Training “Non Destructive Evaluation Techniques (NDT)”	27 <sup>th</sup> – 29 <sup>th</sup> Sept. 2018
25	Dr. Sunil Kumar Vuppala, Principal Scientist in Philips research, Bangaluru	Machine Learning	102	Machine Learning and Deep learning	30 <sup>th</sup> July 2018
26	<b>Sri Prashanth Govindaiah</b> , Senior Architect – Technology, Cognizant Technology Solutions, Bangalore	Cloud Computing	203	Cloud for you	15 <sup>th</sup> 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 <sup>th</sup> December 2018

28	Mr.S.Srikrishna, Team Lead, Ernst & Young Private Limited, Hyderabad	Advanced Java & Web Technologies	208	Enterprise Application Development Paradigms	29 <sup>th</sup> March 2019
29	M.Venkatesh, Airport Authority of India, Gannavaram	Aeronautical Navigational System	189	Guest lecture on “Aeronautical Navigational System	29 <sup>th</sup> March 2019
30	Sai Satish, CEO, Indian Servers	Cyber Security	100	Ethical Hacking and cyber security principles	7 <sup>th</sup> - 8 <sup>th</sup> March 2019
31	Er.P.Madhu, ORL Industries, Hyderabad	Internet of Things	105	Python Programming with IoT applications (Certification Program)	18 <sup>th</sup> - 19 <sup>th</sup> February 2019
32	Md. Fahim, Robokart, Mumbai	Advanced Micrcontrollers	101	workshop on DRONES	18 <sup>th</sup> to 19 <sup>th</sup> January 2019
33	M. Ranga Rao, P.Mounica, G.K.Raja, P.GayathriDevi	Software Applications	286	Engineering Orientation Program (Institute Level)	3 <sup>rd</sup> - 8 <sup>th</sup> December 2018
34	Er. Nagendra Coreel Technologies	VLSI Design	55	System Verilog using FPGA	9 <sup>th</sup> -10 <sup>th</sup> August 2018
35	Mr. P.Vinod, Ms.B. Sravanthi, Trainer cum Developers, APSSDC Team	Software	58	workshop on "Frontend Foundations"	19 <sup>th</sup> - 22 <sup>nd</sup> 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 <sup>th</sup> 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 <sup>th</sup> - 12 <sup>th</sup> September 2018
38	Sri John Christottam, General Manager- Mobile Services, BSNL	Mobile communication	300	Guest Lecture on "Development of Mobile Services in India"	24 <sup>th</sup> August 2018
39	Er.B.Nagendra, Application Engineer, Coreel Technologies, Bangalore	VLSI Design	50	"System Verilog using FPGA	9 <sup>th</sup> - 10 <sup>th</sup> August 2018
40	Er.M.Venkatesh, Assistant Manager, CNS, Airport Authority of India.	communication	200	Communication navigation surveillance in air traffic control	17 <sup>th</sup> 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 <sup>th</sup> July 2018
42	Dell EMC Trainees, Chennai	Data Science And Big data analytics	210	Training Program on “Data Science And Big data analytics”	7 <sup>th</sup> -11 <sup>th</sup> May 2018& 21 <sup>st</sup> -25 <sup>th</sup> May 2018
43	Dell EMC Trainees, Chennai	Cloud Infrastructure and services	221	Training Program on “Cloud Infrastructure and services”	7 <sup>th</sup> -11 <sup>th</sup> May 2018& 21 <sup>st</sup> -25 <sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> December 2018
46	Chandrappa Shekarappa - Associate Director - Digital CX Lead at Cognizant.	Digital customer experience	270	Guest Lecture on “Digital customer experience”	15 <sup>th</sup> September 2018

47	Dr. Vuppala Sunil Kumar, Principal Scientist in Philips Reaerch India, Bangalore	Machine Learning & Deep Learning	70	Guest Lecture on “Machine Learning & Deep Learning”	30 <sup>th</sup> 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 & 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

Academic Year: 2017-2018

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	Er. A. Madhan Kumar, Head Engineer Kellar India	Geo-Technical Engineering	250	Under Standings of Foundations	30 <sup>th</sup> March, 2017.
2.	Sri K.V.S.Joga Rao, Retired General Manager, Visakhapatnam Steel Plant, Visakhapatnam	Construction Management	250	Construction & Maintenance Practices in Civil Engineering	15 <sup>th</sup> September, 2017
3.	Sri Harsha Vardhan & Sri Ashok, Applications Engineer, ARK Infosolutions Pvt Ltd. Hyderabad	Civil Engineering	250	Civil Engineering Softwares and Its Applications in Industry	20 <sup>th</sup> October, 2017
4	Experts from Gate	Gate Classes	107	GATE in-house coaching	Academic Year 2017-18
5.	Dr. B.Nageswara Rao, Professor, IIT, Madras. Dr.P. Bangaru Babu Professor in Mechanical Engineering, NIT, Warangal. Dr.K.Srinivasa Rao, Professor & Principal, RVR&JC. Dr.K.Brahmaraju, Professor&HOD, SRKREC. Mr.U.Srinu, Senior Engineer, Cyiend Technologist	FEM	146	Finite Element Analysis	19-6 to 24-6-2017
6	Venkat Ramana Kuruhuri, General Manager, Corporate Services, RAMTECH., Hyderabad	Company Expectation	124	Student Transition to a Professional to meet company's expectations	3 <sup>rd</sup> April, 2018



7	Sri V. Suresh, Sr. DGM, L&T Pvt. Ltd., Chennai	Thermal Engineering	216	Recent Trends in Power Plant Engineering	2 <sup>nd</sup> Feb., 2018
8	Sri Srinivasa Kiran Tumuluri, Dy. Manager (MRO-Methods), Aero Engine Division, HAL – Bangalore	Thermal Engineering	216	Maintenance, Repair and Overhauling of Aero Engines	29 <sup>th</sup> Dec., 2017
9	Sri Samuel HR-Manager, VIDAL NDT, Vijayawada	Production	203	Career Opportunities for Mechanical Engineers in Non Destructive Testing Stream	29 <sup>th</sup> Sept., 2017
10	Dr. Rayapati Subbarao, Assistant Professor, NITTTR, Kolkata	Computer Aided Engineering	152	Computational Techniques for Mechanical Engineering	26 <sup>th</sup> Sept., 2017
11	Trainer from Brilliant Tech, Hyderabad, Mr. U. Srinu	Computer Aided Engineering	152	One Week Summer Training Program on “Ansys Work Bench”	21 <sup>th</sup> – 26 <sup>th</sup> May, 2018
12	Mr. Solomon Satish and Mr. Tahwar Ali Khan Trainers of Qlogic Solutions, Hyderabad.	Computer Aided Engineering	152	One Week Summer Training Program on “Soft Skills”	14 <sup>th</sup> – 19 <sup>th</sup> May, 2018
13	Trainers (Mr. Mohammad Sharif and Mr. P. Kranthi Kumar) from ICT Academy, Chennai	Computer Aided Engineering	110	One Week Summer Training Program on “Autodesk Inventor”	7 <sup>th</sup> – 11 <sup>th</sup> May, 2018
14	Aeropsyche Team, Visakhapatnam Mr. J.V. Siva Karthik, Sr. Aeromodeller, Lead Instructor, Mr. V. Raghu Ram, Aeromodeller, Mr. Babbi Singh, RC Pilot, Mr. M. Srinivas, UAV Designer	Fluid Mechanics	152	Two Day Workshop on "RC Aircraft"	27 <sup>th</sup> - 28 <sup>th</sup> Feb., 2018
15	Mr. G. Mohan and Mr. R. Pavan Kumar, Andhra Pradesh State Skill Development Corporation (APSSDC)	Computer Aided Engineering	216	Six-Day Workshop on “AUTO CAD”	8 <sup>th</sup> – 13 <sup>th</sup> January, 2018.
16	Mr. T Kiran Prasad and B. Naveen, Andhra Pradesh State skill development corporation (APSSDC)	Computer Aided Engineering	56	Three day training program on “Fusion 360 Software”	26 <sup>th</sup> 28 <sup>th</sup> Dec., 2017
17	Mr. G.Mohan and Mr. R. Pavan Kumar, Andhra Pradesh State Skill Development Corporation (APSSDC)	Computer Aided Engineering	44	Six Days Training Program on “CATIA Designer software”	1 <sup>th</sup> – 16 <sup>th</sup> Dec., 2017
18	Mr. Harish, Technical Head, Mr. Salman, NDT Engineer, Mr. Rajkumar, NDT Engineer, Mr. Subhani, NDT Engineer ,VIDAL NDT, Vijayawada.	Production	212	Three Day Hand’s on Training on “Non - Destructive Testing”	18 <sup>th</sup> – 20 <sup>th</sup> Sept., 2017
19	Dr. G. Mallikarjuna Rao, Scientist-E, DRDO-RCI, Hyderabad	Image Processing	104	Image Processing for Defence Applications	20 <sup>th</sup> January 2018
20	Er.P.Srinivas, Application Lead Engineer, M/s.QUAL COMM Technologies, Hyderabad	VLSI and Embedded Systems	280	VLSI and Embedded Systems"	2-4- 2018
21	Sri A.T.Kishore, Principal Consultant	Wireless communications	280	Evolution of wireless communications	30 <sup>th</sup> January 2018

	Telecom, Unistring Solutions, Bangalore				
22	R.Murali Krishna, Team Leader, APSSDC & Team	Embedded System	100	A Three day workshop on Embedded System Fundamentals	9 <sup>th</sup> -11 <sup>th</sup> January 2018
23	P.Kalee Prasad, Sr. Engineer, Doordharshan, Vijayawada	DSP and VLSI	230	Guest Lecture on " DSP and VLSI in Modern Trends of Broadcasting"	15 <sup>th</sup> September 2017
24	Rakesh Varudu, Software Engineer in CISCO systems	Internet Architecture and its recent trends	41	Workshop on "Internet Architecture and its recent trends"	30 <sup>th</sup> December 2017
25	Mr.U.Srikanth, CEO of start-up company	A Glimpse on IT Career delivered	458	Guest Lecture on "A Glimpse on IT Career delivered"	4 <sup>th</sup> April 2018
26	Mr.M. Yogeswara Rao C.E.O, Cognolabs systems Pvt.Ltd Hyderabad	4 <sup>th</sup> Revolution New Opportunities for fresh graduates and how to improve the employability skills	240	Guest Lecture on "4 <sup>th</sup> Revolution New Opportunities for fresh graduates and how to improve the employability skills"	20 <sup>th</sup> September 2017
27	Dr. G. Mallikarjuna Rao, Scientist-E, DRDO-RCI, Hyderabad	Image Processing	104	Image Processing for Defence Applications	20th January 2018
28	Dr. M.C. Das, Management Consultant and HRD Trainer, MCD Associates, Vijayawada.	Guest Lecture	180	Guest Lecture	14-09-2017
29	Dr. M.C. Das, Management Consultant and HRD Trainer, MCD Associates, Vijayawada.	Banking Yesterday, Today and Tomorrow.	180	Banking Yesterday, Today and Tomorrow.	24-01-2018
30	Ms. Jaya Vadithya, Sub-Treasury Officer, Pamarru.	Leadership Skills	180	Leadership Skills	21-04-2018

Academic Year: 2016-2017

Sl. No.	Name of Industry Expert	Training related to the course	No of students attended	Topic	Date(s)
1.	Sri R.Venkata Ramana, Senior Instructor, DSNM, Global Solutions	Advanced Surveying	116	Hands on Experience with Total Station	22 <sup>nd</sup> to 26 <sup>th</sup> Feb, 2016
2.	Sri D.Srikanth, Senior Engineer, BSPL Infrastructure Limited	Transportation Engineering	120	Planning & Construction Highway bridges & Pavement Design	3 <sup>rd</sup> March, 2016
3.	DSNM Global Solutions, Guntur	Advanced Surveying	110	Training on Total Station	7-8-2016 to 11-8-2016
4.	Mr.Anurag Karvay, Academic Relations, Manager, Bently India	Structural Engineering	145	Students Connect Edition	06-10-2016
5	Vamsinath Varri, Team Leader Dassault Systems Chennai and Ch. Siva Kumar, Design Engineer, Brilliant Tech, Hyderabad.	Computer Aided Engineering	200	One week Workshop on Solid Work	11 <sup>th</sup> – 16 <sup>th</sup> July 2016
6	Sak Robotix Lab, Sheed, Bhavaneswar	Robotics	110	Two-day Hands on Training Workshop on WATERBOTICS	2 <sup>nd</sup> and 3 <sup>rd</sup> September, 2016
7	Sri Shaik Moughbul Basha, Design Engineer Info Tech, Hyderabad (Alumni of ME, 11481A03A0)	Design	44	Qualities of a Design Engineer	13 <sup>th</sup> September, 2016
8	MD. Sayeeduddin logman, Team Leader, Hitachi PVT. LTD, Hyderabad and U.	R & AC	200	Six Days Workshop on HVAC	13 <sup>th</sup> -20 <sup>th</sup> December 2016

	SREENU Sr. Design Engineer, Brilliant Tech, Hyderabad				
9	S.Prayek, Cyclone Detection Radar Station, Machilipatnam	Radar Engineering	151	Radar Principles	30 <sup>th</sup> March 2017
10	Sri D. Sai Satish, CEO, Indian Servers, Hyderabad	Cyber systems	81	Ethical Hacking and Cyber Security	28 <sup>th</sup> -29 <sup>th</sup> December 2016
11	Er. N. Mallikarjun, Er. J. Vijay Kumar, Er.S.BhavaniSankar, Efftronics Pvt. Ltd, Vij.	Internet of things	209	A one day workshop on “ Intelligent world connected together : Internet of Things”	6 <sup>th</sup> September 2016
12	Er. Raja Bandi, Director, Assistant Engineer, LUCID Institute VLSI Education, Hyderabad	Verilog Programming	60	A five day workshop on “VERILOG Programming: Hands on experience	3 <sup>rd</sup> – 7 <sup>th</sup> August 2016
13	Dr. K.SolomonRaju, Sr. Principal Scientist, Digital Systems Group, CEERI, Pilani, Rajasthan	Internet of things	150	A seminar on “Introduction to Cognitive Internet of Things	3 <sup>rd</sup> August 2016
14	Mr. Sai Satish Founder and CEO Indian Servers, Hyderabad	Cyber Security	92	Workshop on “Cyber Security”	16 <sup>th</sup> -18 <sup>th</sup> March 2017
15	Mr. Ahmed Nazeer A, Business Manager, SES India Pvt. Ltd., Hyderabad.	Internet Of Things	118	Workshop on “Internet Of Things”	23 <sup>rd</sup> -24 <sup>th</sup> September 2016
16	P.Srinivasulu ,CEO &Founder EME focus Software Solutions LLP, Banglore	Hybrid Mobile Application Development	132	Workshop on “Hybrid Mobile Application Development”	22 <sup>nd</sup> -23 <sup>rd</sup> July 2016
17	Mr. V. Sunil Kumar Principal Scientist- A Research , Philips, Bangalore.	Role of automation and analytics in IT industry	300	Guest Lecture on “Role of automation and analytics in IT industry”	1 <sup>st</sup> April 2017
18	P.Siva Balaji Technical head Infosys, Hyderabad	Software testing tools	87	Guest Lecture on “ Software testing tools”	25 <sup>th</sup> March 2017
19	K.V. Sharma, Senior Vice president-Global Head capital markets & Investment Banking Value labs, Hyderabad	Block-Chain Technology	200	Guest Lecture on “Block-Chain Technology”	25 <sup>th</sup> March 2017
20	Mr.Vobugari Sreekumar Principal-En R Infosys, Mysore	Career Guidance	322	Guest Lecture on “Career Guidance”	6 <sup>th</sup> August 2016
21	Sri Y. Lakshmana Rao, Principal District and Sessions Judge, Machilipatnam	The Role of Ethics and Values for the success of individual	180	The Role of Ethics and Values for the success of individual	10-09-2016
22	Mr.D.Satish, Business Development Manager, US Soft Tech.	Start-ups	94	Start-up-How to start startup companies and the prospects	10 th September 2016
23	Mrs.K.N.M.Kalyani, Project Leader, IBM, Hyderabad	Data Analytics	130	Data Analytics – Job aspects	1 st October 2016
24	Mr.D.Satish, Business Development Manager, US Soft Tech.	Start-ups	94	Start-up-How to start startup companies and the prospects	10 <sup>th</sup> September 2016

25	Mrs.K.N.M.Kalyani, Project Leader, IBM, Hyderabad	Data Analytics	130	Data Analytics – Job aspects	1 <sup>st</sup> October 2016
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### 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.M.Kishore Kumar, Scientist - D	Defence Research & Development Organization (DRDO), Karwar	R17
2	Er.I.S.N.Raju, Engineer in Chief (Retd.)	Irrigation Department, Hyderabad	R14
3	Dr.G.Mallikarjuna Rao, Scientist-F	RCI, DRDO, Hyderabad	R17
4	Mr.Ramasamy S.R.T, Executive Manager	Efftronics Systems Pvt. Ltd., Vijayawada	R14
5	Mr. K V S Prasad, Software Engineer	Penn Information Technologies, Hyderabad	R14
6	Mr. Satya Thpalli, Software Engineer	Tech Mahindra Limited, RMG Campus, Hyderabad.	R14
7	Mr. B.Venkata Praveen, Software Engineer	Microsoft India (R &D) Pvt. Ltd., Microsoft Campus, Hyderabad.	R17
8	Pradeep Kumar Kotha, Senior Leader	Qualcomm India Pvt. Ltd., Bangalore	R17
9	Sri P.Siva Balaji, Sr.Project Manager,	Infosys, Hyderabad	R17
10	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	Dr.K.Rama Raju	Deputy Director	CSIR - Structural Engineering Research Centre, Taramani, Chennai
2	Er. V.S.Ramesh Babu	Chief Engineer	Krishna Delta system, I&CAD Dept, Govt. of A.P, Vijayawada
3	Mr. J. S. R. K. Prasad	CEO	Better Castings Pvt. Limited, Vij.
4	Mr. Jaya Rama Krishna Nutulapati,	Client Partner & Principal Consultant	Tata Consultancy Services, Hyd.
5	Mr. K.V. Sharma	Senior Vice President, Banking and Financial Services	YASH Technologies, Hyderabad.
6	Mr. J. S. R. K. Prasad	CEO	Better Castings Pvt. Limited, Vijayawada

### C. Student Projects related to Industry

#### i) B.Tech Projects

EEE

Sl.No.	Roll Nos.	Title of the Project	Related Industry
<b>2018-19</b>			
1	16485A0333	Simulation of Fins for a night Vision Optical Detecting devices	Bharat Electronics Ltd., Machilipatnam
	15481A0390		
	15481A0377		
	15481A0369		
	15481A0384		
<b>2016-17</b>			
1	13481A0328	Steam Turbine Maintenance and Governing Systems in Power Plant and Performance Analysis of Steam Generators	Dr.NTTPS, Vijayawada
	14485A0307		
	13481A0360		
	13481A0350		
2	13481A0376	Thermal Design of Economizer in Solar Power Streaming Equipment	Dr.NTTPS, Vijayawada
	13481A0379		
	13481A0385		
	13481A03A4		
3	13481A0371	Static & Fatigue Evaluation of Fuselage Skin Repair	Bharat Electronics Ltd., Machilipatnam
	13481A03A7		
	13481A03A8		

	13481A03B1		
4	13481A0399	Identification of Defects by using Non-Destructive Methods on Mild Steel Welded Specimens with varying Currents	NDT, Vijayawada
	13481A0398		
	13481A03B0		
	13481A0397		

### ECE

Sl.No.	Roll Nos.	Title of the Project	Related Industry
1	15481A0435	Smart Electronic Shopping Basket	ECIL, Hyderabad
	15481A0414		
	15481A0420		
2	15481A04F3	Finger print based Electronic Voting System using IOT	ECIL, Hyderabad
	15481A04G5		
	15481A04E6		
	15481A04H1		

### ii) M.Tech Projects

S.No.	Student Name	Academic Year & Specialization	Name of the Industry	Project Title
1	14481D5502 Amarnadh.Koppula	2015-2016 ES	ECIL, Hyderabad	VHDL implementation of all digital OFDM modulator and demodulator for wireless broadband applications (FPGA).
2	14481D3819 Tadikonda Suresh	2015-2016 DECS	DRDO, Hyderabad	Implementation of AFDX switch on Zynq FPGA
3	15481D3802 A.Sravani	2016-2017 DECS	HAL, Hyderabad	A Novel iterative methodology for monitoring MIMO-OFDM based RADAR.
4	15481D3815 S.Varshini	2016-2017 DECS	HAL, Hyderabad	MIMO-UWB RADAR system to enhance the energy efficiency.
5	17481D5501 B.V.S.N.Mounica Saru	2018-2019 ES	Efftronics Systems Pvt. Ltd., Vijayawada	Smart Keypad using Bluetooth
6	17481D5503 D.Anila Devi	2018-2019 ES	CAIR, DRDO, Bangalore	Control of Autonomous Ground Vehicles
7	17481D5508 P S N Sai Krishna	2018-2019 ES	CAIR, DRDO, Bangalore	Sensors Interfacing With Pixhawk
8	18481D5505 L.Krishna Karthisha	2019-2020 ES	CAIR, DRDO, Bangalore	----

### iii) MBA

Project Period: Dt.2-01-2018 to Dt.10-2-2018.

Roll No.	Name of the Candidate	Name and Address of the Organisation
16481E0076	PONNURU SYAMSRINIVAS	Atma Lubricants and Specialities LTd., Vijayawada.
16481E0066	NAGULLA RAMGOPAL	Kusalava Int.Ltd., Vijayawada".
16481E0098	GUDISEVA SINDHUPRIYA	Airports Authority of India, VJA.
16481E0050	MADALA ANITHA	Alliance One Industries India Pvt.Ltd., Hyderabad.
16481E0032	KANCHUGANTI GOPI RAMU	Amaravathi Textiles Pvt.LTd., Martur
16481E0013	CHITTIBOMMA CHAITANYA PRASANNAVI	Andhra Hospitals (Vijayawada) Pvt.Ltd., Vijayawada.
16481E0041	KATURU SIVA PARVATHI	Andhra Hospitals (Vijayawada) Pvt.Ltd., Vijayawada.
16481E0073	PARUCHURI TARUN VENKAT	APSRTC, Vijayawada
16481E0082	SANCHI OM SAI TARUN	APSRTC, Vijayawada
16481E0085	SHAIK NAZEER	APSRTC, Vijayawada
16481E0010	BOYINA MAHESH BABU	Atma Lubricants and Specialities Ltd., Vijayawada.
16481E0012	CHENNAKESAVULA LEELA NAGA DILEEP	Atma Lubricants and Specialities Ltd., Vijayawada.

16481E0033	KANDULA VENKATA SIVA SAI KUMAR	Atma Lubricants and Specialities Ltd., Vijayawada.
16481E0067	NAGULLA SIVA NAGA RAJU	Atma Lubricants and Specialities Ltd., VJA
16481E0031	KAMIREDDY GEETHA	Aurobindo Pharma Ltd., Hyderabad.
16481E0063	MOTHUKURI LAVANYA	Bajaj Finserv, MTM
16481E0077	PUNNAM KOTESWARA RAO	Basavataarakam Indo American Cancer Hospital and Research Institute, Hyderabad
16481E0039	KATTA USHA RANI	Bharat Electronics Ltd., Machilipatnam,
16481E0040	KATTEKOTA NAGA PRIYANKA	Bharat Electronics Ltd., Machilipatnam,
16481E0004	ANNEM TIRUPATHI REDDY	Big Bazaar, Vijayawada.
16481E0006	BADDANI JAYA RAJU	Big Bazaar, Vijayawada.
16481E0053	MAGI SAI MOUNICA LAHARI	Big Bazaar, Vijayawada.
16481E0055	MARTHA KISHORE	Big Bazaar, Vijayawada.
16481E0068	NARNE MANIKANTA	Big Bazaar, Vijayawada.
16481E0083	SANNENI JAYA VARSHINI	Big Bazaar, Vijayawada.
16481E0023	GUDIVADA HEMASRI	Blue Star Limited, Vijayawada.
16481E0003	ANNANGI TARAKA VENKATA SURESH	Creative Print and Pack, Hyd
16481E0048	KURAKU ANJANEYULU	Dynatech Industries P.Ltd., Hyderabad
16481E0060	MERUGUMALA ANUSHA	Fortune Murali Park, Vijayawada
16481E0074	PASUPULETI NIHARIKA	Fortune Murali Park, Vijayawada
16481E0078	PUPPALA TRIVENI	Fortune Murali Park, Vijayawada
16481E0092	TOKALA TANUJA	Fortune Murali Park, Vijayawada
16481E0058	MEDA JANARDHAN	G.S. Alloy Castings Ltd., Vijayawada.
16481E0090	THATTUKOLLA MURALI KRISHNA	G.S. Alloy Castings Ltd., Vijayawada.
16481E0094	UDAYAGIRI CHANDRA SOWJANYA	Gannavaram Airport, Vijayawada.
16481E0043	KOLLI HARISH BABU	Godavari Gas Power Plant, Jegurupadu.
16481E0034	KANTHETI HEMANTH MANI KUMAR	Gudivada Co-op Urban Bank LTd.
16481E0086	SHAIK RAHIM BASHA	Hemadri Cements Ltd., Veadri
16481E0075	PATHAKOTI SIVA KUMARI	Hetro Spinners Ltd., Guntur.
16481E0099	BHIMA GAYATHRI	Hetro Spinners Ltd., Guntur.
16481E0017	DONEPUDI SRINIVAS	Hindustan Coca-Cola Beverages Pvt.Ltd.".
16481E0029	KAGITALA GOPI	Hindustan Coca-Cola Beverages Pvt.Ltd.".
16481E0026	JALDULA TULASI	Hotel Aira, Vijayawada.
16481E0064	MULAGAPAKA VENKATA SAI MOUNIKA	Hotel Aira, Vijayawada.
16481E0014	DAVULURI DEEPA	Intra Industrial Technologies, Hyderabad.
16481E0022	GHANTASALA AMRUTHAVALLI	Intra Industrial Technologies, Hyderabad.
16481E0088	TAMMU NAGAPRASANNA	Intra Industrial Technologies, Hyderabad.
16481E0030	KAKUMANI PRAVALLIKA REDDY	Jasper Industries Pvt.Ltd., Hyd
16481E0011	CHANDIKA VASAVI LATHA	Kanakadurga Finance Ltd., Vijayawada.
16481E0024	GURRAM DURGA RAO	Kotak Securities, Vijayawada.
16481E0001	ALAPATI VAMSI KRISHNA	Kusalava Int.Ltd., Vijayawada
16481E0042	KEMBURI RAMA KRISHNA	Kusalava Int.Ltd., Vijayawada
16481E0046	KORE BHAVANI	Kusalava Int.Ltd., Vijayawada
16481E0052	MAGANTI CHANDRA BABU	Kusalava Int.Ltd., Vijayawada.
16481E0061	MOHAMMAD ISMATHA	Kusalava Int.Ltd., Vijayawada.
16481E0069	NAVAKOTLA CHANDANA	Kusalava Int.Ltd., Vijayawada.
16481E0070	NOWPADA V N L SOWMYA	Kusalava Motors Pvt.Ltd., Vijayawada
16481E0080	ROMPICHARLA YOGA PHANI LAKSHMI NADHU	Kwality Feeds Ltd., Gudivada
16481E0095	VADDI PADMAJA	Kwality Feeds Ltd., Gudivada
16481E0019	ELETI PRATHYUSHA RANI	Kwality Feeds, Ramanapudi.
16481E0025	INAMPUDI NAGA SAI SRINIVAS	Kwality Feeds, Ramanapudi.
16481E0047	KORU ANUSHA	Kwality Feeds, Ramanapudi.
16481E0091	THOTA APARNA	Nagasai Motors, MTM
16481E0005	AVANIGADDA SIVA GOPI	NRI Academy of Sciences, Chinakakani.
16481E0054	MARRIWADA SIDDHARTHA	Padmaja Commercial Corpn., Vijayawada.
16481E0072	PARISE RAJESH	Padmaja Commercial Corpn., Vijayawada.
16481E0037	KATIKALA SIVA VENKATA NAGARAJU	Padmaja Commercial Corpn., VJA
16481E0038	KATIKALA VENKATESWARA RAO	Padmaja Commercial Corpn., VJA
16481E0045	KONDAVEETI SURI BABU	Pantaloons Pvt.Ltd., Vijayawada.

16481E0100	PALAKURI KUMAR	Paragon Co.Pvt.LTd., VJA.
16481E0015	DEVAGALLA CHARAN SURYA SAI	Pravallika Motors, Vijayawada
16481E0016	DIRISAM PAAVANA KUMAR	Pruthvi Honda, Gudivada.
16481E0051	MADIVADA KAVYA SREE	Quality Inn Residency, Hyd
16481E0084	SEELAM NAGA SAGARIKA	Quality Inn Residency, Hyd
16481E0027	JANGAM ANUJA	Ramesh Hospital, Vijayawada.
16481E0028	JONNALAGADDA SUMA	Renuka Plasti Crafts Pvt.Ltd., Hyderabad
16481E0021	GARLAPATI VENKATA VIJAYA KRISHNA	Sai Swarna Hyundai, Gudivada
16481E0035	KANULLA SRINIVASARAO	Sai Swarna Hyundai, Gudivada
16481E0044	KONA NARESH BABU	Sai Swarna Hyundai, Vijayawada.
16481E0057	MATTE VINAY	Sai Swarna Hyundai, Vijayawada.
16481E0062	MOHAN SUJITH RAMADENI	Sai Swarna Hyundai, Vijayawada.
16481E0059	MEDA VENKATA NAGA HEMA SREE	Sakthi Industries, Vijayawada
16481E0087	SUKHAVASI MANVITHA	Sangam Milk Producer Company Ltd., Guntur.
16481E0008	BAYISETTI SREE SAI DEEPIKA	SBI Funds Management Pvt.Ltd.
16481E0049	LAKKAMRAJU SNEHA	SBI Funds Management Pvt.Ltd.
16481E0081	S NARENDRANATH	SBI Funds Management Pvt.Ltd.
16481E0036	KARRE PURNAIAH	Sterline Bio Remedies, Mudinepalli".
16481E0097	YADALA SRAVANI	Syndicate Bank Ltd., Avanigadda
16481E0065	MUNNANGI AMARNADH	The Gateway Hotel, Vijayawada.
16481E0096	VELAGALETI PREMKUMAR	Vijayanag Polymers Pvt.Ltd., Hanuman Junction.
16481E0071	OLIPALLI USHA RANI	Vijayawada Int. Airport, VJA
16481E0079	RANGA PHANINDRA	Vijayawada Int. Airport, VJA

Project Period: Dt.5-12-2016 to Dt.21-1-2017.

<b>Roll No.</b>	<b>Name of the Candidate</b>	<b>Title of the Project</b>
15481E0023	Kunapareddi Sri Rekha	A Study on "Factors influencing Consumer Buying Behaviour in Hero Moto Corp Ltd
15481E0029	Nadella Narendra Babu	A Study on "Customer Satisfaction".
15481E0019	Kemiseti Pavan Kumar	A Study on "Customer Relationship Management in Bharathi Consumer Care Products Pvt.Ltd., Guntur
15481E0020	Kolli Venkatesh	A Study on "Effectiveness of Marketing Mix"
15481E0025	Kasi Sai Prakash	A Study on "Customer Satisfaction towards Big Bazaar, HYderabad".
15481E0007	Challaguruvula Lakshmi Devi	A Study on "Training and Development" in Big Bazaar, Vijayawada
15481E0026	Mannem Jaji	A Study on "Attrition and Retention with reference to Big Bazaar, VJA
15481E0017	Karumuri Durga Bhavani	A Study on "Effectiveness of Employee Training and Development".
15481E0046	Yarra Dontu Naga Mounika	A Study on "Performance Appraisal System"
15481E0022	Kovilkar Theerdesh	A Study on "Funds Flow Statement Analysis".
15481E0009	Doddipatla Venkata Kiranmai	A Study on "Safety Measures".
15481E0038	Sarnala Sai Poojitha	A Study on "Effectiveness of Performance Appraisal System w.r.t.Heritage Foods India Ltd., Hyderabad
14481E0027	M. Srikanth	A Study on "Working Capital Management"
15481E0012	Gudapati Mary Saritha	A Study on "Analysis of Mutual Funds in ICICI Prudential Mutual Funds, Hyd.
15481E0015	Juvvanapudi Prem Kumar	A Study on "Effective of Marketing Mix" (4Ps product, price, place, promotion ) on Customer Satisfaction in INCAP Ltd.". .
14481E0058	Dasari Dinakar	A Study on "Initial Public Offerings"
15481E0041	Talari Vamsi	A Study on "Working Capital Management"
15481E0028	Meegada Surendra	A Study on "Funds Flow Statement Analysis".

15481E0044	Vazza Venkatesawarlu	A Study on "Sales and Distribution"
15481E0001	Addanki Surendra	A Study on "Ratio Analysis".
15481E0032	Pamarthi Ramyasri	A Study n "Effectiveness of Performance Appraisal Sysem" with reference to Seshasayee Knittings Pvt.Ltd., Vijayawada
15481E0006	Bobbepalli Vamsi Krishna	A Study on "Employee Welfare Measures"
15481E0013	Jonnalagadda Rajitha	A Study on "Inventory Management".
15481E0037	Repalle Vinay Kumar	A Study on "Ratio Analysis".
15481E0043	Uppunutula Shameera	A Study on "Training and Development"
15481E0031	Nelluri Ashok Kumar	A Study on "Funds Flow Analysis".
15481E0042	Thokala Ravi Kumar	A Study on "Inventory Management".
15481E0002	Asma Begum	A Study on "Employee Satisfaction Level towards their job".
15481E0003	Battu Hema Kumari	A Study on "Customer Satisfaction at Big Bazaar".
15481E0005	Bhavanam Anil Reddy	A Study on "Consumer Satisfaction" towards Dove Soap w.r.t. Machilipatnam Town
15481E0008	Chandana Navya	A Study on "Student Awareness on Job Portals and Social Networking sites in E-Recruitment,
15481E0010	Gaddam Naveena	A Study on "Consumer Satisfaction towards online shopping"
15481E0011	Gopiseti Sri Durga	A Comparative study on Public and Private schools at Gudlavalleru
15481E0014	Jonnalagadda Siva Nandini	A Study on "Promotional Strategies at Big Bazaar, Vijayawada".
15481E0018	Katla Omkar	A Study on "Comparatiave Analysis of 4-stroke bikes in Two-wheeler Segment
15481E0024	Maddali Kiran Babu	A Study on "Consumer Buying Behaviour toawrds Two Wheeler"
15481E0027	Marturu Venkata Surendra Rajasekhar	A Study on "Factors Affecting Student Motivation in selected private Schools of Machilipatnam.
15481E0030	Nali Nagaraju	A Study on "Brand Preference of Mobile Phones".
15481E0033	Pamu Vinod Kumar	A Study on "Quality of Retail Banking Services at SBI, Gudlavalleru".
15481E0034	Pilla Prathyusha	A Study on "Employee Retention Strategies in Miracle Software Systems (MSS), Vizag
15481E0035	Puppala Ravindra	A Study on "Investment Pattern of Women Employees".
15481E0036	Rakissa Pavan Kumar	A Study on "Financial Linkage of FishermenWomen through SHGs"., Machilipatnam
15481E0039	Shaik Nasreen	A Study on "Comparative Analysis of Non-performing Assets of Public and Private Sector Banks
15481E0040	Sonti Swathi Chandrika	A Study on "Customer Relationship Management Practices at Big Bazaar, VJA
15481E0045	Vemula Narayana Raju	A Study on "Effectiveness of Promotional Activities on Imitation Jewellery at Machilipatnam
15481E0047	Yarramsetty Harish	A Study on "Socio-Economic Factors of Fishermenwomen through SHG, Machilipatnam.
14481E0092	V. Adi Seshaiiah	A Study on "Customer Satisfaction with reference to Mobile Network Service Providers".
15481E0049	Allumarla Tirupati Reddy	A Study on "Financial Statement Analysis by using the Technique of Ratio
15481E0050	Bandela Sri Kanth	A Study on "Effectiveness of Motivational Techniques"
15481E0051	Battu Kiran	A study on "Working Capital Management"
15481E0052	Bhaskarala Naga Madhavi	A Study on"Job Satisfaction"
15481E0053	Bhimavarapu Anusha	A Study on "Effectiveness of Sales Promotion"
15481E0054	Boddapati Bala Subrahmanyam	A Study on "Customer Satisfaction" towards Whats App
15481E0055	Chaluvadi Ashok Sai Kumar	A Study on "Employee Satisfactory Levels on Non-Statutory Welfare Measures"
15481E0056	Chillumuntha Rama Krishna	A Study on "Impact of Social Media on Consumer Buying Behaviour".
15481E0057	Edudala Kondalamma	A Study on "Factors Influencing on Customer Perception".



15481E0059	Gopu Bhanu Tejaswini	A Study on "Effectiveness of Employee Grievance Procedure"
15481E0060	Gudipalli Kethanababu	A Study on "Analysis of Capital Budgeting Decisions".
15481E0061	Jakkampudi Kasiviswanath	A Study on "Consumer Buying Behaviour".
15481E0062	Jujjavarapu Naga Malleswara Rao	A Study on "Analysis of Capital Budgeting Decisions".
15481E0063	K Kanthi Venkata Saikiran	A Study on "Capital Structure Analysis"
15481E0064	Kandula Aruna	A Study on "Factors Influencing Consumer Behaviour towards Coca-ColaM Drinks"
15481E0066	Karumuri Sukanya	A Study on "4P's of Marketing Mix with reference to Brand Factory, VJA
15481E0067	Katru Dileep	A study on "Working Capital Management"
15481E0068	Kodali Sivasankar	A Study on "Employee Welfare Measures"
15481E0069	Kothuri Venkata Naga Ushasri	A Study on "Ratio Analysis".
15481E0070	Koutharapu Phani Ram	A Study on "Ratio Analysis".
15481E0071	Kunam Kiran Kumar	A Study on "Cash Flow Analysis"
15481E0072	Maddala Surendra Babu	A Study on "Perception of Distribution Channel Members of Vijaya Dairy".
15481E0073	Maganti Kanaka Chintaiiah	A Study on "Consumer Buying Process Towards Television".
15481E0074	Manchalla Venkata Naga Priya	A Study on "Financial Statement Analysis".
15481E0075	Mareedu Mahesh Babu	A Study on "Sales Promotion Strategies"
15481E0076	Matti Siva Naga Babu	A Study on "Consumer Buying Process Towards Refrigerators".
15481E0077	Mendam Vijay	A Study on "Brand Image of Bharti Airtel, Hyderabad".
15481E0078	Naragani Manasa Bala	A Study on "Funds Flow Analysis".
15481E0079	Pagolu Chandrika	A Study on "Quality of Work Life" of Agriculture Labour at Gudlavalleru
15481E0080	Pamarthi Sowjanya	A Study on "Customer Relationship Management"
15481E0081	Paturi Krishna Mohan	A Study on "Customer Satisfaction".
15481E0082	Polagani Anoosha	A Study on "Consumer Buying Behaviour".
15481E0083	Putti Pandu Ranga Rao	A Study on "Quality of Work Life".
15481E0084	Rajulapati Devi Prasanna	A Study on "Customer Satisfaction".
15481E0085	Rayala Lakshmi Vinod	A Study on "Analysis of Customer Perception on Usage of 4G Services of Telecom Industry".
15481E0086	Shaik Kasimpeera	A Study on "Inventory Control".
15481E0088	Tabeti Sunanda	A Study on "Performance Appraisal".
15481E0089	Thokala Kiran Kumar	A Study on "Funds Flow Analysis".
15481E0090	Thota Prameela	A Study on "Employee Engagement"
15481E0091	Valaprla Salmon Raj	A Study on "Customer Awareness towards the Insurance Policy at Gudivada".
15481E0092	Veeranki Rajesh	A Study on "Training and Development".
15481E0093	Vemuri T Naga Venkata Lakshmi	A Study on "Effect of Marketing Mix (4P's) on Customer Satisfaction in Hero Motorcorp Ltd., Machilipatnam
15481E0095	Yerramsetty Chakravarthi	A Study on "Customer Satisfaction Awards to Air Conditioner in Blue Star"
15481E0096	A Mounika	A Study on "Financial Statement Analysis".
15481E0097	Mamidibathula Geetha Krishna	A Study on "Impact of Social Networking Sites on Academic Performance of Undergraduate Students".
15481E0098	Annamaneedu Yamini Priyanka	A Study on "Effectiveness of Performance Appraisal" in Andhra Hospitals (Vijayawada) Pvt.Ltd., Vijayawada
15481E0099	Mirza Kounain Fathima	A Study on "Employee Welfare Measures"
15481E0100	Naganaboyina Sirisha	A Study on "Cash Flow Analysis"
15481E0101	Peravala Lavayna Lakshmi	A Study on "Quality of Work Life"

## D. Industry Internship for B.Tech Students

Academic Year 2018-2019

Sl. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1.	AFCONS-HYD	Public	Govt./ Private	25-03-2019	05-06-2019	1
2.	Aruna Sree Infra	Public	Govt./ Private	24-03-2019	06-06-2019	5
3.	BSCPL	Public	Govt./ Private	23-03-2019	07-06-2019	1
4.	Chinmaya Group of Constructions	Public	Govt./ Private	22-03-2019	08-06-2019	10
5.	Dalapathi	Public	Govt./ Private	21-03-2019	09-06-2019	8
6.	Dilip Build Con	Public	Govt./ Private	20-03-2019	10-06-2019	4
7.	Fortuna Construction	Public	Govt./ Private	19-03-2019	11-06-2019	1
8.	Grand Projects Capitol	Private	Govt./ Private	18-03-2019	12-06-2019	6
9.	HIMAJA CONSTRUCTIONS	Public	Govt./ Private	17-03-2019	13-06-2019	5
10.	HYD Road Development Corporation Ltd	Public	Govt.	16-03-2019	14-06-2019	3
11.	INSCAPE Design	Public	Govt./ Private	15-03-2019	15-06-2019	1
12.	Jai Durga	Public	Govt./ Private	14-03-2019	16-06-2019	9
13.	Jayabheari Constructions	Public	Govt./ Private	25-03-2019	05-06-2019	8
14.	KMV	Public	Govt./ Private	24-03-2019	06-06-2019	10
15.	L&T	Public	Govt.	23-03-2019	07-06-2019	8
16.	Lachan Infra	Public	Govt./ Private	22-03-2019	08-06-2019	1
17.	Lakshmi Infra	Private	Govt./ Private	21-03-2019	09-06-2019	6
18.	MADHUCON	Public	Govt./ Private	20-03-2019	10-06-2019	1
19.	Manasa Constructions	Public	Govt./ Private	19-03-2019	11-06-2019	1
20.	Manvee Constructions	Public	Govt./ Private	18-03-2019	12-06-2019	1
21.	Nagarjuna Constructions	Public	Govt./ Private	17-03-2019	13-06-2019	1
22.	NHAI	Public	Govt.	16-03-2019	14-06-2019	2
23.	Panchayat Raj-Narasaraopet	Public	Govt./ Private	15-03-2019	15-06-2019	1
24.	Power Mech	Public	Govt./ Private	14-03-2019	16-06-2019	5
25.	PRADEEP ASSOCIATES	Public	Govt./ Private	25-03-2019	05-06-2019	5
26.	R&B, Bantumilli	Private	Govt./ Private	24-03-2019	06-06-2019	4
27.	Raghu Infra	Public	Govt./ Private	23-03-2019	07-06-2019	1
28.	Rainbow Victus	Public	Govt./ Private	22-03-2019	08-06-2019	1
29.	Ram Entrprises	Public	Govt./ Private	21-03-2019	09-06-2019	1
30.	RVS Group PVT. Ltd	Public	Govt./ Private	20-03-2019	10-06-2019	5
31.	SCL Technologies	Public	Govt./ Private	19-03-2019	11-06-2019	5
32.	SLV Infra Structures	Public	Govt./ Private	18-03-2019	12-06-2019	5
33.	SNR	Public	Govt./ Private	17-03-2019	13-06-2019	5
34.	Soma Constructions	Public	Govt./ Private	16-03-2019	14-06-2019	2
35.	STBL	Private	Govt./ Private	15-03-2019	15-06-2019	10
36.	Sudharma Infra Tech	Public	Govt./ Private	14-03-2019	16-06-2019	13
37.	T&R constructions	Public	Govt./ Private	25-03-2019	05-06-2019	2
38.	TATA Projects	Public	Govt./ Private	24-03-2019	06-06-2019	1
39.	Vasatham Constructions	Public	Govt./ Private	23-03-2019	07-06-2019	1
40.	Vensar Constructions	Public	Govt./ Private	22-03-2019	08-06-2019	1
41.	Vigneswara Constructions	Public	Govt./ Private	21-03-2019	09-06-2019	6
42.	VIJ Toll Way Pvt Ltd	Public	Govt.	20-03-2019	10-06-2019	5
43.	Vizay Steel Plant	Private	Govt.	19-03-2019	11-06-2019	6
44.	Water Resources Dept	Public	Govt.	18-03-2019	12-06-2019	5
45.	Andhra Pradesh Heavy Machinery and Engineering Ltd, Kondapalli	Public	Govt.	27.5.2019	29.6.2019	02
46.	Andhra Pradesh State Skill Development Centre, Dassault Systems	Public	Govt.	01.05.2019	15.6.2019	62
47.	ARC 1.0 ,APSSDC- ECM, Applied Robot Control Laboratory,	Public	Govt.	27.07.219	03.10.2019	11
48.	Bharat Electronics Limited, Machilipatnam	Public	Govt.	06.05.2019	05.06.2019	24
49.	Bharat Heavy Electricals Limited, Hyderabad	Public	Govt.	22.5.2019	20.6.2019	09

50.	BRILLIANT TECH Academy,Hyderabad	Public	Private	01.05.2019	15.06.2019	03
51.	GS ALLOYS Castings Limited, Vijayawada	Public	Private	10.5.219	09.06.2019	04
52.	Hindustan Aeronautics Limited, Banglore	Public	Govt.	20.5.2019	19.06.2019	03
53.	Hindustan Petroleum Corporation Ltd	Public	Govt.	01.05.2019	15.06.2019	01
54.	HINDHUSTHAN SHIPYARD, Visakhapatnam	Public	Govt.	13.05.2019	10.06.2019	11
55.	KCP Sugar and Industries Corporation Limited, Lakshmipuram	Public	Private	01.05.2019	15.06.2019	01
56.	MARUTHI Suzuki India Limited, Haryana	Public	Private	06.05.2019	03 0.6.2019	01
57.	MEASURE INDIA Corporation Pvt Ltd, Hyderabad	Public	Private	10.5.2019	10.06.2019	03
58.	MSME- Tool Room, Vijayawada	Public	Private	15.05.2019	14.06.2019	02
59.	Nuclear Fuel Complex, Hyderabad	Public	Private	14.05.2019	13.06.2019	02
60.	The National Small Industries Corporation Ltd, Hyderabad	Public	Private	06.05.219	19.06.2019	30
61.	Prathap Industries, Vijayawada	Public	Private	30.05.2019	29.06.2019	03
62.	ICTL Precoat Panels Pvt.Ltd, Hyderabad	Public	Private	06.05.2019	05.06.2019	02
63.	Shoba Ano Prints, Hyderabad	Public	Private	01.06.2019	30.06.2019	01
64.	South Central Railway, Vijayawada	Public	Govt.	05.05.2019	15.06.2019	05
65.	VIZG STEEL PLANT, Visakhapatnam	Public	Govt.	06.05.2019	01.06.219	20
66.	DELL EMC & ICT Academy	Private	Private	07.05.2018	25.05.2018	<b>271</b>
67.	Miracle Software Solutions	Private	Private	09.05.2018	13.06.2018	<b>1</b>
68.	DELL EMC & ICT Academy	Private	Private	07.05.2018	25.05.2018	<b>271</b>
69.	Miracle Software Solutions	Private	Private	09.05.2018	13.06.2018	<b>1</b>
70.	South Central Railway	Public	Govt.	11.05.2018	23.06.2018	<b>70</b>
71.	Bharat Sanchar Nigam Limited	Public	Govt.	07.05.2018	02.06.2018	<b>135</b>
72.	National Small Scale Industry Corporation	Public	Govt.	09.05.2018	08.06.2018	<b>52</b>
73.	Micro, Small And Medium Enterprises	Public	Govt.	30.05.2018	29.06.2018	<b>1</b>
74.	Bharat Electronics Limited	Public	Govt.	07.05.2018	06.06.2018	<b>12</b>
75.	BHEL	Public	Govt.	10.05.2018 And 03.05.2018	08.06.2018 and 02.06.2018	<b>2</b>
76.	CYIENT	Public	Govt.	14.05.2018	15.06.2018	<b>1</b>
77.	GOOFFER	Private	Private	14.05.2018	14.06.2018	<b>1</b>
78.	ECIL	Public	Govt.	07.05.2018	06.06.2018	<b>3</b>

#### Academic Year 2017-2018

S. No.	Name of the Industry	Sector of Industry	Govt. /Pvt. Undertaking	Date From	Date To	No. of Students
1.	Amravati Infrastructures and services	Public	Private	05/05/2018	01/06/2018	1
2.	Anoor Test Labs	Public	Private	05/05/2018	01/06/2018	3
3.	APS HOUSING COPORATION	Public	Private	05/05/2018	01/06/2018	1
4.	APSHC	Public	Private	05/05/2018	01/06/2018	3
5.	Bollineni Senaiah company	Public	Private	05/05/2018	01/06/2018	1
6.	Bultas consulting	Public	Private	05/05/2018	01/06/2018	1
7.	Capitol	Public	Govt.	05/05/2018	01/06/2018	2
8.	CPWD	Public	Private	12/05/2018	15/06/2018	10
9.	CSR Infra Tech	Public	Private	07/05/2018	21/06/2018	1
10.	Dilip	Public	Private	07/05/2018	21/06/2018	3
11.	Elixir mat	Public	Private	07/05/2018	21/06/2018	1

12.	GR Constructions	Public	Private	07/05/2018	21/06/2018	1
13.	Indian Hume Pipes	Public	Private	-	-	5
14.	Irrigation Department	Govt.	Govt.	07/05/2018	21/06/2018	31
15.	Jayadurga	Public	Private	05/05/2018	01/06/2018	33
16.	SVS CONSTRUCTIONS	Public	Private	12/05/2018	15/06/2018	1
17.	SNR	Public	Private	07/05/2018	21/06/2018	3
18.	MODERN CITY PLANNERS & ENGINEERS	Public	Private	07/05/2018	21/06/2018	1
19.	SANATHANA PROPERTIES INDIA PVT LTD	Public	Private	12/05/2018	15/06/2018	1
20.	Karthikeya Infra Structures	Public	Private	07/05/2018	21/06/2018	2
21.	R&B	Govt.	Govt.	05/05/2018	01/06/2018	10
22.	S.V CIVICONS- AMARAVATHI	Public	Private	12/05/2018	15/06/2018	1
23.	SRI SAI RATNA CREATIVES	Public	Private	07/05/2018	21/06/2018	1
24.	MAHINDRA LIFES SPACES PVT LTD	Public	Private	07/05/2018	21/06/2018	1
25.	PWD	Public	Private	07/05/2018	21/06/2018	1
26.	VALLABHANENI	Public	Private	07/05/2018	21/06/2018	1
27.	SWATHI ENGG CONT ONGOLE	Public	Private	07/05/2018	21/06/2018	1
28.	DILIP BUILD CON	Public	Private	07/05/2018	21/06/2018	3
29.	NHAI, VIJ	Govt./ Public	Govt.	05/05/2018	01/06/2018	5
30.	Rama Krishna constructions	Public	Private	05/05/2018	01/06/2018	1
31.	RS Builders	Public	Private	05/05/2018	01/06/2018	4
32.	SEPL	Public	Private	05/05/2018	01/06/2018	13
33.	Vizag Steel Plant	Public	Private	05/05/2018	01/06/2018	33
34.	VCPL	Public	Private	05/05/2018	01/06/2018	13
35.	Vertex	Public	Private	07/05/2018	21/06/2018	2
36.	Vijay Nirman	Public	Private	07/05/2018	21/06/2018	2
37.	STBL	Public	Private	07/05/2018	21/06/2018	4
38	Andhra Pradesh Heavy Machinery and Engineering Ltd, Kondapalli	Public	Govt.	04.06.2018	30.06.2018	2
39	AUTO DESK INVENTOR,HYPERMESH & ANSYS WORK BENCH	Public	Private	7.05.2018	02.06.2018	57
40	Bharat Electronics Limited, Machilipatnam	Public	Govt.	21.05.2018	20.06.2018	17
41	Bharat Heavy Electricals Limited, Hyderabad	Public	Govt.	01.07.2018	30.07.2018	21
42	Bharat Heavy Electricals Limited, Visakapatnam	Public	Govt.	05.06.2018	02.07.218	20
43	Case New Holland Costruction Equipment(India) Pvt.Ltd, Pithampur	Public	Private	05.05.2018	04.06.218	1
44	Defence Research & Development Organisation, Hyderabad	Public	Govt.	25.05.2018	26.06.2018	1
45	G.S .Alloy Castings Limited,Vijayawada	Public	Private	11.05.2018	1.06.2018	2
46	HINDHUSTHAN SHIPYARD,Visakhapatnam	Public	Govt.	07.05.2018	02.06.2018	2
47	Jasper Industries Pvt.Ltd, Gudavalli	Public	Private	09.05.2018	09.06.2018	1
48	JINDAL Steel & Power, Odisha	Public	Govt.	12.05.2018	11.06.2018	1
49	JSW Steel Limited, Ballari	Public	Private	22.05.2018	18.06.2018	4
50	MSME- Tool Room, Vijayawada	Public	Private	23.05.2018	22.06.2018	6
51	The National Small Industries Corporation Ltd, Hyderabad	Public	Private	02.05.2018	1206.2018	23
52	Prathap Industries, Vijayawada	Public	Private	22.05.2018	19.06.2018	1
53	Prakasa Spectro Cast (P) Ltd	Public	Private	18.05.2018	17.06.2018	1
54	RELIANCE Industries Limited ,Kakainada	Public	Private	09.05.2018	23.06.2018	2
55	ROBOKART, IIT Bombay	Public	Private	15.05.2108	15.16.2018	2
56	South Central Railway,Vijayawada	Public	Govt.	11.05.2018	23.06.2018	32
57	SVS Hydraulics (P) Ltd,	Public	Private	06.05.2018	06.06.2018	1

	Hyderabad					
58	VIDAL NDT,	Public	Private	21.05.2018	16.06.2018	2
59	VELJAN, Hyderabad	Public	Private	17.05.218	13.06.2018	6
60	VIZG STEEL PLANT, Visakhapatnam	Public	Govt.	21.05.2018	16.06.2018	5
61	IIT, Hyderabad	Public	Govt.	7.5.2018	3.7.2018	1
62	ASPIRE VISION, Hyderabad	Public	Private	13.5.2018	12.6.2018	9
63	SREEB Technologies Pvt. Ltd. Hyderabad	Public	Private	7.5.2018	3.6.2018	1
64	FLUENT GRID	Public	Private	2.5.2018	29.6.2018	1
65	3G Cell Labs Pvt. Ltd., Hyderabad	Public	Private	7.5.2018	14.6.2018	2
66	South Central Railway, Vijayawada	Govt.	Govt.	11.5.2018	23.6.2018	13
67	South Central Railway	Public	Govt.	14.12.2017 and 12.5.2017	25.1-2018 and 24.6.2017	<b>98</b>
68	Bharath Sanchar Nigam Limited	Public	Govt.	5.6.2017 and 18.12.2017	1.7.2017 and 13.1.2018	<b>125</b>
69	National Small Scale Industry Corporation	Public	Govt.	30.12.2017 and 16.5.2017	28.1.2018 and 14.7.2017	<b>12</b>
70	Micro, Small And Medium Enterprises	Public	Govt.	10.05.2017	08.06.2017	<b>8</b>
71	Micro Link	Private	Private	7.12. 2017	7.1.2018	<b>3</b>
72	Bharat Electronics Limited	Public	Govt.	09.05.2017 and 27.12.2017	08.06.2017 and 25.01.2018	<b>14</b>
73	ECIL	Public	Govt.	11.05.2017	10.06.2017	<b>3</b>
74	IIT, Hyderabad	Public	Govt.	07.05.2018	03.07.2018	1
75	ASPIRE VISION, Hyderabad	Private	Private	13.05.2018	12.06.2018	9
76	SREEB Technologies Pvt. Ltd. Hyderabad	Private	Private	07.05.2018	03.06.2018	<b>1</b>
77	FLUENT GRID	Private	Private	02.05.2018	29.06.2018	<b>1</b>
78	3G Cell Labs Pvt. Ltd., Hyderabad	Private	Private	07.05.2018	14.06.2018	<b>2</b>
79	South Central Railway, Vijayawada	Govt.	Govt.	11.05.2018	23.06.2018	<b>13</b>

### MoUs with Industries (minimum 3)

Branch	Details
CE	ONGC
	Voltech HR services pvt. Ltd
	Acharya N.G.Ranga Agricultural University
EEE	Efftronics Systems Pvt.Ltd, Vijayawada
	HITECH AUTOMATION, Vijayawada
	Voltino Systems LLP, 3-13-112/A, Srinivasapuram, Ramanathapura, Hyderabad-500013
ME	APSSDC Dassault 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

CSE	CodeTantra Tech Solutions Pvt. Ltd., Hyderabad
	Electronics and ICT Academy of NIT, Warangal
	Andhra Pradesh State Skill Development Corporation
	Indian Institute of Information Technology, Hyderabad
	Virsent Technologies Pvt. Ltd.
	StepLabs IT Solutions Pvt. Ltd., Hyderabad
	COIGN Consultants Pvt. Ltd., Secunderabad
	SuccessKey Training Pvt. Ltd., Hyderabad
	Globarena Technologies Pvt. Ltd., Hyderabad
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://gecgudlavalleru.ac.in/images/admin/pdf/1575284451\\_AICTE%20EOAs%201998%20TO%202019.pdf](https://gecgudlavalleru.ac.in/images/admin/pdf/1575284451_AICTE%20EOAs%201998%20TO%202019.pdf)

19. Accounted audited statement for the last three years

[https://gecgudlavalleru.ac.in/audit\\_reports](https://gecgudlavalleru.ac.in/audit_reports)

20. Best Practices adopted, if any

- 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.
- Gudlavalleru 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.