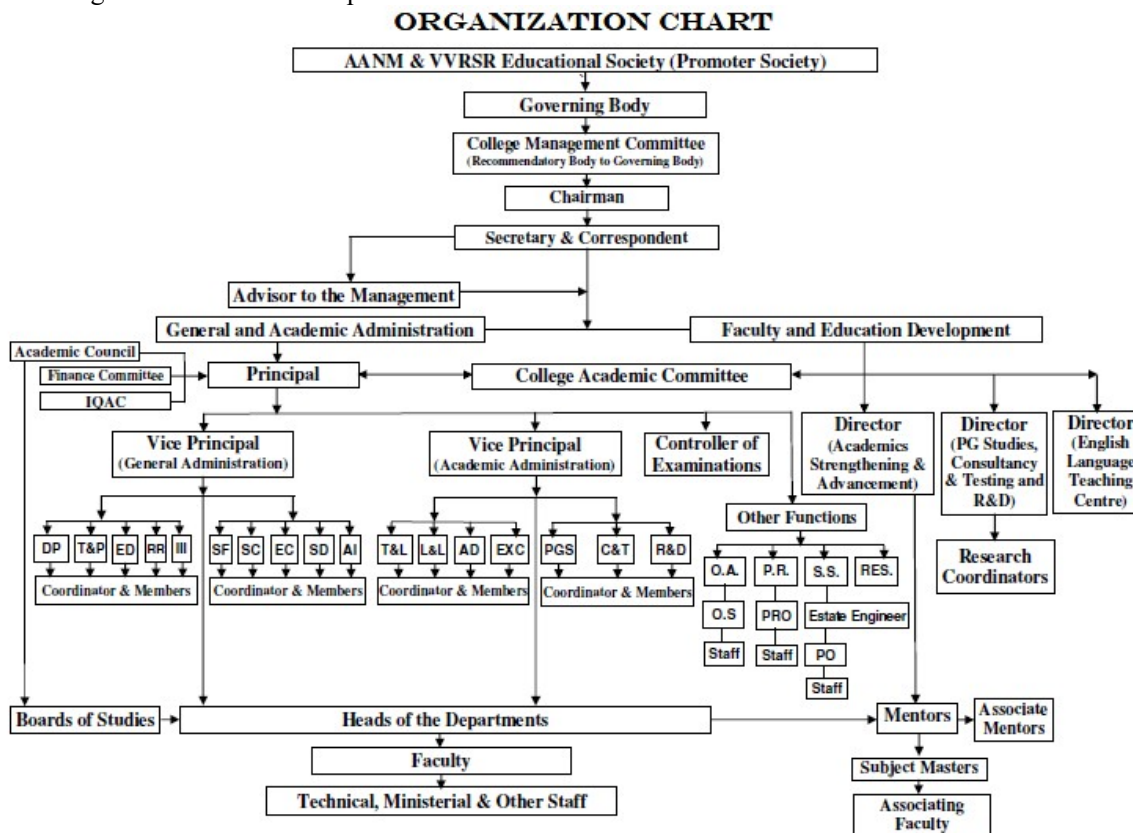


MANDATORY DISCLOSURE 2025

- 18.1 Name of the Institution** : **Seshadri Rao 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
-
- 18.2 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
-
- 18.3 Name of Principal** : Dr.Burra Karuna Kumar
: Principal
- Phone number with STD code** : 08674-273737, 273888, 9848779124
- FAX number with STD code** : 08674-273957
- Email** : principal@gecgudlavalleru.ac.in
-
- 18.4 Name of the affiliating University** : Jawaharlal Nehru Technological University
- Address** : JNTU Kakinada, KAKINADA – 533003,
Andhra Pradesh

18.5 Governance :

i. Organizational Chart and processes



ii. 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, Vice Principal – Administration, Vice Principal – Academics 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.

iii. Establishment of Anti Ragging Committee : Established.

iv. Establishment of Online Grievance Redressal Mechanism

Online Grievance Redressal Mechanism is established. The link is provided on the college website <http://gec.edugrievance.com/>

v. 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.

vi. Establishment of Internal Complaint Committee (ICC)

Disciplinary Committee is established under the leadership of Vice Principal Administration.

vii. Establishment of Committee for SC/ ST : Established.

viii. Internal Quality Assurance Cell : Established.

18.6 Programmes

i. Name of Programmes approved by AICTE

Name of Programmes approved by AICTE	UG: Civil Engineering Electrical & Electronics Engineering Mechanical Engineering Electronics & Communication Engineering Computer Science & Engineering Information Technology Artificial Intelligency & Data Science Internet of Things, and CSE (Artificial Intelligency & Machine Learning)
Name of Programmes Accredited by AICTE	PG: Structural Engineering, Power Electronics and Electric Drives Machine Design VLSI Design and Embedded Systems CSE (Artificial Intelligency & Machine Learning) and Master of Business Administration
Name of Programmes Accredited by AICTE	Civil Engineering Electrical & Electronics Engineering Mechanical Engineering Electronics & Communication Engineering Computer Science and Engineering and Information Technology

ii. Name of Programmes Accredited by AICTE

Name of Programmes Accredited by AICTE	Civil Engineering Electrical & Electronics Engineering Mechanical Engineering Electronics & Communication Engineering Computer Science and Engineering and Information Technology
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iii. Status of Accreditation of the Courses:

NBA Accreditation Status:

Accreditation	Courses	Period of Accreditation	Accreditation letter No.& Date
NBA (Tier-I)	Civil Engineering Computer Science and Engineering	3 Years	F.No.11-64-2010-NBA, dated 30-05-2024
NBA (Tier-I)	Electrical & Electronics Engineering Mechanical Engineering Electronics & Communication Engg. Information Technology	3 Years	F. No.11-64-2010-NBA, dated 15-06-2022

NAAC Accreditation Status:

Accreditation	Grade	Period of Accreditation
NAAC	A+	5 Years

iv. Total number of Courses : 15 (UG B.Tech – 9, PG M.Tech – 5 & PG MBA – 1)

v. For each Programme the following details are to be given:

Name of the Department	Civil Engineering			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	60	60	120	120
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	85580	130120	164177	114984

Name of the Department	Electrical and Electronics Engineering			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
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	83089	90184	119294	81361

Name of the Department	Mechanical Engineering			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	60	60	120	180
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	157927	128172	145606	123101

Name of the Department	Electronics and Communication Engineering			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
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	44476	31003	377147	37141

Name of the Department	Computer Science and Engineering			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	360	240	240	240
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	21330	18816	18036	13480

Name of the Department	Information Technology			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	240	240	180	180
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	41489	32328	30584	24325

Name of the Department	Artificial Intelligence & Data Science			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	180	180	120	120
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	27414	26537	27181	18614

Name of the Department	Internet of Things			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	120	120	120	60
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	55123	41819	44153	33304

Name of the Department	CSE (Artificial Intelligence & Machine Learning)			
Level	UG			
Last three years	2024-25	2023-24	2022-23	2021-22
Number of seats	120	120	120	60
Duration	4 Years	4 Years	4 Years	4 Years
Cut off marks / rank of admission during the last three years	29283	23169	26728	18802

Name of the Department	Civil Engineering			
Level	PG – Structural Engineering			
Last three years	2024-25		2023-24	
Number of seats	6		6	
Duration	2 Years		2 Years	
Cut off marks / rank of admission during the last three years	703		-----	

Name of the Department	Electrical and Electronics Engineering			
Level	PG – Power Electronics and Electric Drives			
Last three years	2024-25		2023-24	
Number of seats	6		6	
Duration	2 Years		2 Years	
Cut off marks / rank of admission during the last three years	-----		-----	

Name of the Department	Mechanical Engineering			
Level	PG – Machine Design			
Last three years	2024-25		2023-24	
Number of seats	6		6	
Duration	2 Years		2 Years	
Cut off marks / rank of admission during the last three years	-----		-----	

Name of the Department	Electronics and Communication Engineering			
Level	PG – VLSI Design & Embedded Systems			
Last three years	2024-25		2023-24	
Number of seats	6		6	
Duration	2 Years		2 Years	
Cut off marks / rank of admission during the last three years	599		344	

Name of the Department	Computer Science and Engineering			
Level	PG – CSE (Artificial Intelligence & Machine Learning)			
Last three years	2024-25		2023-24	
Number of seats	6		6	
Duration	2 Years		2 Years	
Cut off marks / rank of admission during the last three years	656		-----	

Name of the Department	Master of Business Administration	
Level	PG	
Last three years	2024-25	2023-24
Number of seats	60	60
Duration	2 Years	2 Years
Cut off marks / rank of admission during the last three years	36013	28709

vi. Fee (as approved by the state government) : Yes (Andhra Pradesh State Government)

18.7 Faculty

Branch wise list Faculty members	www.gecgudlavalleru.ac.in
Permanent Faculty	
Adjunct Faculty	
Permanent Faculty: Student Ratio	1 : 20

18.8 Profile of Principal / Faculty

www.gecgudlavalleru.ac.in

18.9 Fee

- No. of Fee waivers granted with amount and name of students - NO
- Number of scholarship offered by the Institution, duration and amount - NO

18.10 Admission

Number of seats sanctioned with the year of approval	2024-25	UG:		PG:	
	AY	Category A	Category B	Category A	Category B
Number of Students admitted under various categories each year in the last three years	2024-25	1029	402	45	24
	2023-24	955	363	57	18
	2022-23	866	284	49	18
Number of applications received during last year for admission under Management Quota and number admitted	Year	MQ Applications received		MQ Admitted	
		UG	PG	UG	PG
	2024-25	402	24	402	24
	2023-24	363	18	363	18

18.11 Admission Procedure

Mention the admission test being followed, name and address of the Test Agency and its URL(Website)	APEAMCET / APECET / APICET / APPGECT https://cets.apsche.ap.gov.in/APSCHE/APSCHEHome.aspx	
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)	APEAMCET	1200
	APECET	151
	APICET	43
	APPGECT	3
Calendar for admission against Management/vacant seats:		
Last date of request for applications	Every year we are following as per Andhra Pradesh State Council 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		

18.12 Criteria and Weight ages for Admission

Describe each criterion with its respective weight ages i.e. Admission Test, marks in qualifying examination etc.	(APEAMCET, APICET, APPGECET) As per Andhra Pradesh State Council 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	

18.13 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 (merit wise)	List Enclosed as Annexure -A
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18.14. Results of Admission under Management seats / Vacant seats

Composition of selection team for admission under Management Quota	Principal : Chairman Vice Principal – Administration : Member Vice Principal – Academics : Member Office Superintendent : Member
List of candidate who have been offered admission	List Enclosed Annexure - A
Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	No

18.15. Information of Infrastructure and Other Resources Available

i. Number of Class Rooms and size of each	71	83.6 Sqm.
ii. Number of Tutorial rooms and size of each	19	56.0 Sqm.
iii. Number of Laboratories and size of each	81	83.65 Sqm.
iv. Number of Computer Centres with capacity of each	3	70
v. Central Examination Facility, Number of rooms and capacity of each	71	56
vi. Online examination facility (Number of Nodes, Internet band width, etc.)		
vii. Barrier Free Built Environment for disabled and elderly persons	Available	Available
viii. Fire and Safety Certificate	Available	Available
ix. Hostel Facilities	Available	Available

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

COURSE	DIVISION	TITLES	VOLUMES	REFERENCE BOOKS	PRINT JOURNALS	E-JOURNALS		E-BOOKS		BOOK BANK (SC/ST)
CIVIL	1	1033	4491	768	12	Subscribes IEEE, ASME, ASCE, IEI-Springer, IETE, KNIMBUS, DELNET and N-LIST	125	Subscribes KNIMBUS, MGH Access Engineering, DELNET, N-LIST & National Digital Library	1559	1335
EEE	2	2039	8868	1635	12		102		1601	1823
ME	1	2042	9315	1785	12		114		1722	1931
ECE	4	2225	9802	2131	18		123		2122	2066
CSE	6	2252	9450	2118	20		137		1202	2103
IT	4	1898	6175	1497	12		102		1015	1590
AI&DS	3	207	1058	155	6		45		365	62
IOT	2	195	955	161	6		28		252	50
CSE (AI&ML)	2	176	801	112	6		42		287	89
MBA	1	1682	6634	975	12		455		1755	472
M.Tech (VD&ES)	1	371	1373	264	4		32		86	--
M.Tech (CSE-AI&ML)	1	346	1332	232	4		35		285	--
M.Tech (PEED)	1	325	858	225	4		32		62	--
M.Tech (SE)	1	147	551	106	4		38		152	--
M.Tech (MD)	1	152	652	104	4		35		85	--
TOTAL		15090	62315	12268		1445	12550	11521		

x. List of online National / International Journals subscribed:

NATIONAL JOURNALS	
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	Teri Information Digest on Energy and Environment
20	Journal of Construction Management
21	International Water Resources Association
22	AMC Indian Journal of Civil Engineering
23	IUP Journal of Structural Engineering
24	Journal of Indian Road Congress
25	Indian Highways
26	Journal on Civil Engineering
27	Journal on Structural Engineering
28	Down to Earth
29	Inside Outside
30	Architecture + Design
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	ARPN Journal of Engineering and Applied Sciences
67	Journal of Nanomaterials
68	Journal of Technology and Science Education
69	Management Science and Engineering
70	Materials
71	Materials Research
72	Materials Sciences and Applications
73	Mathematical Problems in Engineering
74	Modelling and Simulation in Engineering
75	Open Civil Engineering Journal
76	Open Materials Science Journal
77	Open Ocean Engineering Journal
78	Open Petroleum Engineering Journal
79	Research Journal of Applied Sciences, Engineering and Technology
80	Research Letters in Nanotechnology
81	Reviews on Advanced Materials Science
82	Smart Materials Research
83	Buildings
84	Construction Economics & Buildings
85	Journal of Construction in Developing Countries
86	Journal of Information Technology in Construction
87	Lean Construction Journal
88	Open Construction & Building Technology Journal
89	Sustainable Buildings
90	World Journal of Mechanics
91	Aviation in Focus : Journal of Aeronautical Sciences
92	European Journal of Transport and Infrastructure Research
93	European Transport Research Review
94	INCAS Bulletin
95	Journal of Public Transportation
96	Journal of Transport and Land Use
97	Journal of Transportation Technologies
98	Open Transportation Journal
99	Open Aerospace Engineering Journal
100	American Journal of Operations Research
101	Batteries
102	Engineering, Technology & Applied Science Research
103	Journal of Engineering & Technological Sciences
104	Journal of Engineering, Project & Production Management
105	Journal of Industrial Engineering and Management
106	Journal of Industrial Engineering International
107	Journal of Information System & Technology Management
108	Journal of Optimization in Industrial Engineering
109	Open Automation and Control Systems Journal

110	Open Industrial & Manufacturing Engineering Journal
111	Open Operational Research Journal
112	Advances in Materials Physics and Chemistry
113	Advances in Materials Science and Engineering
114	E-Preservation Science
115	eXPRESS Polymer Letters
116	Fracture and Structural Integrity
117	Indian Journal of Fibre & Textile Research
118	Journal of Applied Fluid Mechanics
119	Journal of Nanomaterials
120	Materials
121	Materials Research
122	Materials Sciences and Applications
123	Open Corrosion Journal
124	Open Materials Science Journal
125	Science and Technology of Advanced Materials
126	Smart Materials Research
127	World Journal of Mechanics
ELECTRICAL AND ELECTRONICS ENGINEERING	
128	IE Electrical Engineering (Series-B)
129	The International Council on Large Electric Systems
130	The Power Journal Research
131	Power Engineer Journal
132	International Journal Association on Electricity Generation, Transmission and Distribution
133	IEEMA Journal
134	Journal of Control and Instrumentation Engineering
	Journal on Instrumentation & Control Engineering
135	Journal on Electrical Engineering
136	Journal on Circuits & Systems
137	Journal on Power System Engineering
138	IUP Journal of Electrical and Electronics Engineering
139	Energy Future
140	University News
141	Electrical India
142	Nuclear India
143	Power Today
144	NDCWWC Journal (A Half Yearly Journal of New Delhi Centre of WWC)
145	CIGRE India Journal
146	Phytopathogenic Mollicutes
147	Power Engineer Journal
148	Research Journal of Engineering and Technology
149	Power Engineer Journal
150	TAI Journal (A Half Yearly Technical Journal of Indian Chapter of TAI)
151	TERI Information Digest on Energy and Environment
152	Active and Passive Electronic Components
153	Advances in Electrical and Electronic Engineering
154	Advances in Fuzzy Systems

155	Advances in Power Electronics
156	Bulletin of the Institute of Heat Engineering
157	Circuits and Systems
158	Energy and Power Engineering
159	ETRI Journal
160	EURASIP Journal on Advances in Signal Processing
161	EURASIP Journal on Bioinformatics and Systems Biology
162	EURASIP Journal on Embedded Systems
163	Journal of Electrical and Electronics Engineering
164	Journal of Electrical Systems
165	Journal of Low Power Electronics and Applications
166	Journal of Power Technologies
167	Journal of Sensor Technology
168	Journal of Signal and Information Processing
169	Majlesi Journal of Electrical Engineering
170	Micromachines
171	Nuclear Technology and Radiation Protection
172	Open Electrical & Electronic Engineering Journal
173	Open Signal Processing Journal
174	Science and Technology of Nuclear Installations
175	Turkish Journal of Electrical Engineering and Computer Sciences
176	VLSI Design
177	Wireless Engineering and Technology
MECHANICAL ENGINEERING	
178	Journal of Vibration Engineering and Technologies
179	Journal of Scientific & Industrial Research
180	Indian Journal of Engineering & Material Sciences
181	IE Mechanical Engineering
182	IE Production Engineering
183	IE Metallurgical and Material Science Engineering
184	IE Marine Engineering
185	IE Mining Engineering
186	Journal of Scientific Temper
187	Indian Foundry Journal
188	Manufacturing Technology Today
189	Journal of Resources Energy and Development
190	IUP Journal of Mechanical Engineering
191	Journal on Mechanical Engineering
192	Journal on Material Science
193	CSIR News
194	Autocar India
195	Auto Today
196	Fire Engineer
197	Journal of Metallurgy and Materials Science
198	Journal of Resources, Energy and Development
199	TERI Information Digest on Energy and Environment
200	Water and Energy Abstracts

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

ELECTRONICS AND COMMUNICATION ENGINEERING	
244	IE Electronics & Telecommunication Engineering
245	IE Aerospace Engineering
246	IETE Journal of Research
247	IETE Technical Review
248	IETE Journal of Education
249	Instrument Society of India
250	Defence Science Journal
251	Journal of VLSI Design and Signal Processing
252	Journal on Digital Signal Processing
253	Journal on Electronics Engineering
254	Journal on Communication Engineering & Systems
255	Journal on Wireless Networks & Systems
256	Journal on Instrumentation & Control Engineering
257	Journal on Mobile Application & Technology
258	Journal on Embedded Systems
259	IUP Journal of Telecommunications
260	Electronics For You
261	Electronics Bazaar
262	Electronics Maker
263	CII Communiqué
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	FibreCulture 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
COMPUTER SCIENCE AND ENGINEERING	
295	IE Computer Engineering
296	Indian Journal of Computer Science
297	Asian Journal of Computer Science and Technology (AJCST)
298	Asian Journal of Information Science and Technology (AJIST)
299	Journal of Information Technology and Sciences
300	Journal of Image Processing and Artificial Intelligence
301	Journal of Data Mining and Management
302	Journal of Innovations in Data science and Big Data Management
303	Journal of IOT Security and Smart Technologies
304	Journal of Research in Computer Science Engineering
305	Journal of Internet of Things and Information Technology
306	Journal of Computer, Internet and Network Security
307	Journal of Android and IOS Application and Testing
308	International Journal of Software and Computer Science Engineering
309	Journal on Software Engineering
310	Journal on Cloud Computing
311	Journal on Computer Science
312	Journal on Image Processing
313	Journal on Pattern Recognition
314	Journal on Future Engineering & Technology
315	CSI Communications
316	IUP Journal of Computer Sciences
317	World Digital Libraries
318	Fortell
319	PC Quest
320	Digit
321	Express Computer
322	Open Source For You
323	Journal of Community Informatics
324	Journal of Machine Learning Research
325	Journal of Software Engineering and Applications
326	Journal of Systemics, Cybernetics and Informatics
327	Journal of Theoretical and Applied Electronic Commerce Research
328	Journal of Theoretical and Applied Information Technology
329	Scientific Annals of Computer Science
330	Signal & Image Processing
331	Systems, Signs & Actions
332	Theory and Applications of Mathematics & Computer Science

333	Transactions on Data Privacy
334	Wireless Sensor Network
335	Advanced Computing : an International Journal
336	Advances in Electrical and Computer Engineering
337	Advances in Multimedia
338	Advances in Software Engineering
339	The African Journal of Information Systems
340	Ajis : Australasian Journal of Information Systems
341	British Journal of Mathematics & Computer Science
342	Communications and Network
343	Computer and Information Science
344	Computer Science and Information Systems
345	Crosstalk : Journal of Defense Software Engineering
346	Database : the Journal of Biological Databases and Curation
347	Database Systems Journal
348	Digital Culture & Education
INFORMATION TECHNOLOGY	
349	Asian Journal of Information Science and Technology (AJIST)
350	Journal of Information Technology and Sciences
351	Journal of Image Processing and Artificial Intelligence
352	Journal of Data Mining and Management
353	Journal of Computer, Internet and Network Security
354	Journal of Internet of Things and Information Technology
355	Journal of Android and IOS Application and Testing
356	Journal on Information technology
357	IUP Journal of Information Technology
358	Journal on Future Engineering & Technology
359	Journal on Mathematics
360	IUP Soft Skills
361	PC Quest
362	Express Computer
363	E-learning and Education
364	Economy Informatics
365	Electronic Communications of the EASST
366	Electronic Journal of Information Systems Evaluation
367	Engineering Letters
368	EURASIP Journal on Information Security
369	First Monday
370	Future Internet
371	Game Studies
372	Human Technology
373	IAENG International Journal of Computer Science
374	Indian Journal of Computer Science and Engineering
375	Information Technologies and International Development

376	Information Technology Journal
377	Intelligent Control and Automation
378	Intelligent Information Management
379	Interdisciplinary Journal of Information, Knowledge, and Management
ARTIFICIAL INTELLIGENCE & DATA STRUCTURES	
380	Journal of Image Processing and Artificial Intelligence
381	Journal on Cloud Computing
382	Journal of Information Technology and Sciences
383	Journal of Computer, Internet and Network Security
384	International Journal of Software and Computer Science Engineering
385	Journal of Android and IOS Application and Testing
386	Journal of Artificial Intelligence
387	The Journal of Artificial Intelligence Research
388	Advances in Artificial Intelligence
389	Applied Computational Intelligence and Soft Computing
390	Brain. Broad Research in Artificial Intelligence and Neuroscience
391	Computational Intelligence and Neuroscience
INTERNET OF THINGS	
392	Advances in Human-Computer Interaction
393	Advances in Internet of Things
394	Journal of Mobile Application & Technology
395	Journal on Information technology
396	Journal on Software Engineering
397	Journal on Communication Engineering & Systems
398	Journal on Wireless Networks & Systems
399	Journal on Future Engineering & Technology
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	
400	Journal of Artificial Intelligence
401	The Journal of Artificial Intelligence Research
402	Advances in Artificial Intelligence
403	Applied Computational Intelligence and Soft Computing
404	Brain. Broad Research in Artificial Intelligence and Neuroscience
405	Computational Intelligence and Neuroscience
406	Journal of Innovations in Data science and Big Data Management
407	Journal of Image Processing and Artificial Intelligence
408	Journal on Cloud Computing
409	Journal on Computer Science
410	Journal on Image Processing
411	Journal on Pattern Recognition
BASIC SCIENCE AND HUMANITIES	
412	Bulletin of Pure & Applied Sciences- Chemistry
413	Journal of Biofuels
414	Medicinal Plants - International Journal of Phytomedicines and Related Industries
415	Advances in Applied Research
416	Arya Bhatta Journal of Mathematics and Informatics

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

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

INTERNATIONAL JOURNALS	
S.NO.	TITLE
1	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering
2	International Journal of Geomechanics
3	Journal of Aerospace Engineering
4	Journal of Architectural Engineering
5	Journal of Bridge Engineering
6	Journal of Cold Regions Engineering
7	Journal of Composites for Construction
8	Journal of Computing in Civil Engineering
9	Journal of Construction Engineering and Management
10	Journal of Energy Engineering
11	Journal of Engineering Mechanics
12	Journal of Environmental Engineering
13	Journal of Geotechnical & Geoenvironmental Engineering
14	Journal of Hazardous, Toxic, and Radioactive Waste
15	Journal of Highway and Transportation Research and Development, English Edition
16	Journal of Hydraulic Engineering
17	Journal of Hydrologic Engineering
18	Journal of Infrastructure Systems
19	Journal of Irrigation and Drainage Engineering
20	Journal of Legal Affairs and Dispute Resolution in Engineering and Construction
21	Journal of Management in Engineering
22	Journal of Materials in Civil Engineering
23	Journal of Performance of Constructed Facilities
24	Journal of Pipeline Systems Engineering and Practice
25	Journal of Professional Issues in Engineering Education & Practice
26	Journal of Structural Engineering
27	Journal of Surveying Engineering
28	Journal of Sustainable Water in the Built Environment
29	Journal of Transportation Engineering, Part A: Systems
30	Journal of Transportation Engineering, Part B: Pavements
31	Journal of Urban Planning and Development
32	Journal of Water Resources Planning and Management
33	Journal of Waterway, Port, Coastal and Ocean Engineering
34	Natural Hazards Review
35	Practice Periodical on Structural Design and Construction
36	Journal of Solar Energy Engineering
37	Journal of Thermal Science and Engineering Applications
38	Applied Mechanics Reviews
39	Journal of Applied Mechanics
40	Journal of Biomechanical Engineering
41	Journal of Computing and Information Science in Engineering
42	Journal of Computational and Nonlinear Dynamics
43	Journal of Dynamic Systems, Measurement, and Control
44	Journal of Engineering Materials and Technology
45	Journal of Electronic Packaging
46	Journal of Energy Resources Technology
47	Journal of Engineering for Gas Turbines and Power

48	Journal of Electrochemical Energy Conversion and Storage... Formerly the Journal of Fuel Cell Science and Technology
49	Journal of Fluids Engineering
50	Journal of Heat Transfer
51	Journal of Mechanical Design
52	Journal of Medical Devices
53	Journal of Offshore Mechanics and Arctic Engineering
54	Journal of Mechanisms and Robotics
55	Journal of Manufacturing Science and Engineering
56	Journal of Tribology
57	Journal of Turbomachinery
58	Journal of Pressure Vessel Technology
59	Journal of Solar Energy Engineering
60	Journal of Thermal Science and Engineering Applications
61	Journal of Vibration and Acoustics
62	Journal of Micro and Nano-Manufacturing
63	Journal of Nuclear Engineering and Radiation Science
64	Journal of Verification, Validation and Uncertainty Quantification
65	Journal of Engineering and Science in Medical Diagnostics and Therapy
66	Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems
67	Journal of Engineering for Sustainable Buildings and Cities
68	Journal of Autonomous Vehicles and Systems
69	ASME Letters in Dynamic Systems and Control
70	publication_title
71	Bell Labs Technical Journal
72	China Communications
73	Computer
74	Computing in Science & Engineering
75	IEEE Aerospace and Electronic Systems Magazine
76	IEEE Annals of the History of Computing
77	IEEE Antennas and Propagation Magazine
78	IEEE Antennas and Wireless Propagation Letters
79	IEEE Circuits and Systems Magazine
80	IEEE Cloud Computing
81	IEEE Communications Letters
82	IEEE Communications Magazine
83	IEEE Communications Standards Magazine
84	IEEE Communications Surveys & Tutorials
85	IEEE Computational Intelligence Magazine
86	IEEE Computer Architecture Letters
87	IEEE Computer Graphics and Applications
88	IEEE Consumer Electronics Magazine
89	IEEE Control Systems
90	IEEE Control Systems Letters
91	IEEE Design & Test
92	IEEE Design & Test of Computers
93	IEEE Electrical Insulation Magazine
94	IEEE Electrification Magazine
95	IEEE Electromagnetic Compatibility Magazine

96	IEEE Electron Device Letters
97	IEEE Embedded Systems Letters
98	IEEE Engineering in Medicine and Biology Magazine
99	IEEE Engineering Management Review
100	IEEE Geoscience and Remote Sensing Letters
101	IEEE Geoscience and Remote Sensing Magazine
102	IEEE Industrial Electronics Magazine
103	IEEE Industry Applications Magazine
104	IEEE Instrumentation & Measurement Magazine
105	IEEE Intelligent Systems
106	IEEE Intelligent Transportation Systems Magazine
107	IEEE Internet Computing
108	IEEE Internet of Things Journal
109	IEEE Internet of Things Magazine
110	IEEE Journal of Biomedical and Health Informatics
111	IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology
112	IEEE Journal of Emerging and Selected Topics in Power Electronics
113	IEEE Journal of Oceanic Engineering
114	IEEE Journal of Photovoltaics
115	IEEE Journal of Quantum Electronics
116	IEEE Journal of Radio Frequency Identification
117	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
118	IEEE Journal of Selected Topics in Quantum Electronics
119	IEEE Journal of Selected Topics in Signal Processing
120	IEEE Journal of Solid-State Circuits
121	IEEE Journal on Emerging and Selected Topics in Circuits and Systems
122	IEEE Journal on Miniaturization for Air and Space Systems
123	IEEE Journal on Multiscale and Multiphysics Computational Techniques
124	IEEE Journal on Selected Areas in Communications
125	IEEE Journal on Selected Areas in Information Theory
126	IEEE Letters of the Computer Society
127	IEEE Letters on Electromagnetic Compatibility Practice and Applications
128	IEEE Magnetics Letters
129	IEEE Micro
130	IEEE Microwave and Wireless Components Letters
131	IEEE Microwave Magazine
132	IEEE MultiMedia
133	IEEE Nanotechnology Magazine
134	IEEE Network
135	IEEE Networking Letters
136	IEEE Pervasive Computing
137	IEEE Photonics Technology Letters
138	IEEE Power and Energy Magazine
139	IEEE Power Electronics Magazine
140	IEEE Pulse
141	IEEE Reviews in Biomedical Engineering
142	IEEE Revista Iberoamericana de Tecnologías del Aprendizaje
143	IEEE Robotics & Automation Magazine
144	IEEE Robotics and Automation Letters

145	IEEE Security & Privacy
146	IEEE Sensors Journal
147	IEEE Sensors Letters
148	IEEE Signal Processing Letters
149	IEEE Signal Processing Magazine
150	IEEE Software
151	IEEE Solid-State Circuits Letters
152	IEEE Solid-State Circuits Magazine
153	IEEE Systems Journal
154	IEEE Systems, Man, and Cybernetics Magazine
155	IEEE Technology and Society Magazine
156	IEEE Transactions on Advanced Packaging
157	IEEE Transactions on Aerospace and Electronic Systems
158	IEEE Transactions on Affective Computing
159	IEEE Transactions on Antennas and Propagation
160	IEEE Transactions on Applied Superconductivity
161	IEEE Transactions on Audio, Speech, and Language Processing
162	IEEE Transactions on Automatic Control
163	IEEE Transactions on Automation Science and Engineering
164	IEEE Transactions on Autonomous Mental Development
165	IEEE Transactions on Big Data
166	IEEE Transactions on Biomedical Circuits and Systems
167	IEEE Transactions on Biomedical Engineering
168	IEEE Transactions on Biometrics, Behavior, and Identity Science
169	IEEE Transactions on Broadcasting
170	IEEE Transactions on Circuits and Systems for Video Technology
171	IEEE Transactions on Circuits and Systems I: Regular Papers
172	IEEE Transactions on Circuits and Systems II: Express Briefs
173	IEEE Transactions on Cloud Computing
174	IEEE Transactions on Cognitive and Developmental Systems
175	IEEE Transactions on Cognitive Communications and Networking
176	IEEE Transactions on Communications
177	IEEE Transactions on Components and Packaging Technologies
178	IEEE Transactions on Components, Packaging and Manufacturing Technology
179	IEEE Transactions on Computational Imaging

xii. National Digital Library (NDL) subscription details:

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It has over 2.2 million books in its collection. The repository has content from multiple domains like Technology, Humanities, Science, Agriculture, and others. The content available is in more than 60 formats – books, manuscripts, articles, thesis, video lectures, etc. **The content is available in more than 70 languages.**

Product Description	No of Journal s/ eBooks
IEEE ASPP	205 Journals
ASME	32 Journals
ASCE	38Journals
N-LIST (INFLIBNET)	E-Journals-6293 e-Books-192107
DELNET	E-Journals-1698 e-Books-10676

xiii. List of Major Equipment / Facilities in each Laboratory/ Workshop

Course	Name of the Laboratory / Workshop	Major Equipments
CE	Environmental Engineering Lab	<ul style="list-style-type: none"> • Hot Air Oven • Muffle Furnance • Imhoff cone • Micro Controller Based Spectrophotometer • Micro Processor Conductivity Meter • BOD Incubator • Digital Balance • Digital pH Meter with Electrode • Digital Nephelo Turbidity Meter • Dissolved Oxygen Meter • Jar test Apparatus • COD Digestor • Rotary Shaker • Water Batch • Double distillation water plant
CE	Engineering Geology	<ul style="list-style-type: none"> • Direct Reading Digital Resistivity Meter DDRI • Mirror Stereoscope With 4x Binocular New Model
CE	GIS &CAD Lab	<ul style="list-style-type: none"> • Systems (Computers - 69) • Staad Pro Software • ArcGis arcview labkit (30user) ver 10.1 • ETags (25 Users) ver 2020 • UPS PB 6 KVA • Batch:130906UT1794 • Batch:130906UT1789 • Batch:160106AS5845 • 26AH/12V SMF/VRLA batteries • Batch: EXIDE • Ms angle with connectors • 6x8 wall mounted instal lockscreen • Sony LCD projector model no: UPL-Dx102 • Ceiling mount, HDMI VGA powercables • Brother DCPL 2541DW laser jet • Blue star 1.5ton split air conditioner-2
CE	Surveying Field Work	<ul style="list-style-type: none"> • Pentax Total Station R.2802N, R.205 NE • Theodlilites T20E • Garmin GPS ETREX30
CE	Transportation Engineering Lab	<ul style="list-style-type: none"> • Aggaregate Impact Test machine • Wire Basket • Los angles Abration • Deval attrition • Length Gauge & Thickness Gauge • Standard Penotrometer • Ring And Ball Apparatus • Viscometer • Marshall Stability Apparatus • Pensky-Martens Apparatus • Skid Resistance Tester • Benklman Beam • MERLIN • Hot Air Oven • Water Bath • Weighing Balance & Spring Balance

CE	Computer Applications in Structural Engineering	<ul style="list-style-type: none"> • ACER Desktops (Computers 11) • UPS PB 6KVA Batch: 160206AS6035 • FE00-HD30-12 SMF/VRLA Batteries Batch: Exide • MS Angle with connectors • Blue star 1.5-ton split Air Conditioner
CE	Structural Engineering Lab	<ul style="list-style-type: none"> • Buckling of column • Two hinged Arch Apparatus • Three hinged Arch Apparatus • Verification of Clerk's Maxwell Reciprocal theorem apparatus • Deflection of truss Apparatus • Ultrasonic pulse velocity • Rebar locator • NDT JAMTS CORMAP System • U-Box / U funnel • Horizontal Shake table • Shake table • Experimental models • Cube Moulds • Concrete mixer • L-Box • J-Box • RCPT Test Apparatus • Water Permeability test Apparatus
CE	Concrete Technology Lab	<ul style="list-style-type: none"> • Vibrating table • Integral type compression proving ring • Sieve shaker • Vee bee consistometer • Compacting factor apparatus • Longitudinal compression meter • NDT Hammer • Accelerating curing tank • Compression testing machine • Weighing balance 100kg capacity • Concrete mixer pan type • Needle vibrator • Trolley • Heat of Hydration Equipment • Muffle Furnace • Kelly Ball Apparatus • Laser Distance Meter
CE	Geotechnical Engineering lab	<ul style="list-style-type: none"> • Direct shear apparatus (Electronic Conversion kit) • Laboratory vane shear • Liquid limit device • Laboratory CBR apparatus • Triaxial test, compaction test • Over head tank, Unconfined compression • Relative density • Automatic universal compactor • Sieves (4.75, 2.36, 1.18, 425, 600, 300, 150, 75) • Liquid Limit Cone Penetrometer Automatic • Electronic three Gang Bench Type Consolidometer • Sieve Shaker Motorised Built in Digital Timer • CBR apparatus • Hydraulic Jack

CE	WEL Center	<ul style="list-style-type: none"> • ACER Desktops(Computers 3) • DELL systems (Computers 2) • UPS PB 6000 Batch : 160406AS6372 • FE00-HD30-12 SMF/VRLA Batteries Batch Exide • MS Angle with connectors • Blue star 1.5 ton shlit Air Conditions
CE	Applied Mechanics Lab	<ul style="list-style-type: none"> • Law of moments Apparatus • Apparatus to find centroid for different plane lamina • Roof truss • Pin joint truss Apparatus (with weights) • Lami's theorem apparatus • Two arm lever • Simply supported beam • Second law of motion apparatus • Bell crank lever • Compound pendulum • Moment of inertia of a fly wheel • Pulley system
EEE	Electrical & Electronics Engineering Workshop	<ul style="list-style-type: none"> • Measurement of Resistance using Wheat Stone Bridge • Measurement of Power and Power factor Using Single Phase Wattmeter • Calibration of Electrical Energy for Domestic Premises
EEE	Electrical Circuits Lab	<ul style="list-style-type: none"> • Cathode ray Oscilloscopes • 1-phase 220V,10A Inductive Load • Cathode ray Oscilloscopes • 3-Phase Auto transformers(0-470V/15A)
EEE	Electrical Measurements Lab	<ul style="list-style-type: none"> • LCR Q Meter • Kelvin's Double bridge with Accessories • H.T Oil Testing Kit (0-60 KV) • Phase shifting transformer • Crompton DC Potentiometer (OSAW 30066) • Kelvin's double bridge (OSAW 29760) • Strain Gauge • 3-Phase Auto Transformers • Phase Shifting Transformers • CRO (30MHz Dual Channel) • CRO Demonstration kit (30MHz Dual Channel) • 3-Phase Inductive Load • Kelvin's Double Bridge • Crompton DC Potentiometer • Strain Gauge Module • Digital Instrumentation Part III • Hall Effect Sensor
EEE	Power Systems Lab	<ul style="list-style-type: none"> • PC (wipro) TFT ,18.5 CLR monitor,320GB,poles 400 2.74,800,2MB,775GB 7200RPM HOD • AC Transmission line simulator • Three Phase AC motor Protective relay test set • Numerical over current relay kit (L&T make) • Numerical over voltage under voltage relay kit (L&T make) • Earth Fault relay kit Electro mechanical type aseva make • Buchholtz relay kit (yogya) make • Negative Sequence current relay kit (areva) make • over/under frequency relay kit (H.V) make • Reverse power relay kit (Ashida/Rishabah) Make • PSCAD software (25 Users) • Relay Testing Kit • Earth Fault Relay • Solar PV GRID TIED TRAINING & SYSTEM • Solar PV TRAINING & RESEARCH SYSTEM • ACER I5 SYSTEMS • 8GB DDR3 RAM, 1TB HARD DISK DRIVE

EEE	Electrical Technology Lab	<ul style="list-style-type: none"> • 5H.P/220/1500 R.P.M DC compound motor with mechanical loading arrangement • Control panel consisting MCB ammeter 1No DC voltmeter 1No field rheostat (External) indicators, terminals, switches • 5H.P/220/1500 R.P.M DC shunt motor with mechanical loading arrangement
EEE	Electrical Technology Lab	<ul style="list-style-type: none"> • Control panel polycarbonate facia consisting MCB DC ammeter 1No DC voltmeter 1No field rheostat • 5H.P/220/1500 R.P.M DC shunt motor coupling to 3KW/220V/1500 R.P.M shunt generator with base coupling • Control panel consisting MCB, 3 point starter, 4nos DC ammeter 2No DC voltmeter 2No field rheostat 2A separate excitation unit for generation indicators terminals, switches • 5H.P/220/1500 R.P.M Shunt wound DC motor coupling to 3KW/415/3 phase/1500 R.P.M/50Hz/four pole/rotorwound salient pole alternator with base coupling • Control panel 3 point starter, 15A DC ammeter, 2A DC ammeter 500V AC voltmeter, 5A AC ammeter, field rheostat excitation unit for alternator indicators terminals, switches • 5H.P/415V/1400 R.P.M/TEFC 50Hz 3 phase squirrel cage induction motor with mechanical loading • Control panel consisting MCB star delta starter, 10A AC ammeter 1no, 500V AC voltmeter 1no, 3 phase /2E/415/10A digital wattmeter with analog supply • DC Rectifier 220 DC 100AC unit • Distribution panel with 12nos dc feeders, having 20A DPMCB, 12nos of 3 phase ac panel having 10A TP MCB, 1no AC ammeter, 1no AC voltmeter • CROS • 3-Φ Variable Inductive Load (415V, 12A) • 3-Φ Resistive Load (415V, 5A) • 1-Φ Resistive Load (230V, 10A) • Starter panel cum excitation unit • 5HP, 220V, 1500rpm Auto Synchronous Motor coupled to 3KW, 1500rpm Shunt Generator • 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW, 1500rpm Compound Generator • 5HP, 220V, 1500rpm Shunt Motor coupled to 3KW, 415V rotor wound salient pole Alternator • 3-phase Auto Transformer • Digital CROs • DC RPS (0-220V, 10A) • DSO CRO (100MHz)
EEE	Electrical Machines Lab -1	<ul style="list-style-type: none"> • D.C.Shunt Motor 5 HP / 220 V / 1500 rpm 19A coupled to Compound generator 3KW, 220V, 1500rpm 13.6A • D.C.Compound motor with brake drum arrangements (5HP, 220V, 1500rpm 19A) • Two identical DC Shunt M/C coupled together (3KW, 220V) • Two identical D.C.series M/C coupled together + accessories • RECTIFIER UNIT (100A) (200-240V, & 30V DC) OUTPUT 50A, 50VDC • Resistance Loading Box (3- ϕ/5KW/10A) • D.C Shunt motor 5HP/220V Coupled D.C Shunt Generator (3KW, 220V) • D.C Shunt motor with brake drum arrangement • D.C Series motor with brake drum arrangement (5HP, 220V) • D.C Shunt motor 5HP/220V Coupled D.C Series Generator (3KW, 220V) • D.C Shunt Motor 5 HP, 220 V DC 20 A, 1500 RPM Coupled to D.C Compound Generator 2.2 KW 220 V DC, 12 A, 1500 RPM • DC Motor with Thyristorised speed controller Range 1HP, 220v, 1500RPM

EEE	Electrical Machines Lab -2	<ul style="list-style-type: none"> • 3- ϕ Auto Transformers (400V/0-470V,15A) • 3- ϕ Auto Transformers (400V/0-470V,15A) • D.C Shunt Motor 7.5 H.P / 220 V coupled to 3-phase alternator 5KVA/3-phase/415V • 3-ϕ Auto Synchronous Motor ,5H.P 415 V coupled to D.C.Shunt generator set (3KW,220V,1500rpm) • Capacitor start and run 1-ϕ I.M (1H.P , 230V) with brake drum arrangement, 1400 rpm 7A • INDUCTIVE LOADING BOX (3-ϕ/5KW10A) • CAPACITIVE LOADING BOX (3-ϕ /5KW/10A) • 3- ϕ Squirrelcage induction motor5HP,415V,With brake drum arrangement • 3- ϕ Squirrelcage induction motor(7.5HP,415V),With brake drum arrangement • 3- ϕ Slipring induction motor(415V,7.5HP)with brake drum arrangement • ϕ repulsion motor(230V,1HP)withbrake load arrangement • ϕ Schrage motor(5HP,415V,50HZ)with brake drum arrangement • 3-PHASE TRANSFORMER5KVA/(230/440)V/50%TAPPING • 5KVA,3-PHASE,415V ROATATING FIELD ALTERNATOR COUPLED TO D.C SHUNT MOTOR • 5KVA,3-PHASE,415V,6POLE,1000RPM INDUCTION MOTOR COUPLED TO 7.5HP,220V,1500RPM,D.C SHUNT MOTOR • CAPACITOR START AND RUN INDUCTION MOTOR 1-PHASE/1HP/230V/1500RPM • AC SERIES MOTOR 1-PHASE/0.5HP/230V/1500RPM • 3-PHASE POLE CHANGE INDUCTION MOTOR 3-PHASE/1HP/415V/50HZ/(960/1440/2900)RPM • RELUCTANCE MOTOR 1-PHASE/1HP/230V/1500RPM • MACHINE TRAINER • STROBO SCOPE (100-10000) Flasher per minute • ϕ Auto T/F (230/(0-270V, 15A) • ϕ Auto Transformers (400V/0-470V,20A) • Brushless Dc Motor with Micro controller,24v/100w/2000RPM • CAPACITIVE LOADING BOX (3-ϕ /5KW/10A) • RESISTANCE LOADING BOX (3-ϕ /5KW/10A) • INDUCTIVE LOADING BOX 3-ϕ/5KW10A) • 1-ϕ RLC Electrical Load(0-10A)
EEE	Electrical Simulation Lab	<ul style="list-style-type: none"> • Acer Desktop,VERTION M 200 DESKTOP, ISI CHIPSET/INTEL 2Nd Generation Premium Dual core G630,SATA 500GB HDD,4GB DDR3 RAM, Free DOS/10/100/1000 Mbps Lan, ACER 18.5" Tft LED Monitor • 6KVA Online UPS • Matlab 7.14 • Matlab 8.5 • HP System server ML310,RAM 8GB(4)DDR3,KBD+Mouse with CLR 20 Inches HP LED Monitor • Sony LCD Projector
EEE	Project Lab	<ul style="list-style-type: none"> • PLC Project development system • CRO • Acer Veriton i5 Desktop System

EEE	Control Systems Lab	<ul style="list-style-type: none"> • P-III 800 MHZ, 128 MB, 20 GB • Programable Logic Controller • Effect of P, PI, PD, PID Controller • Lead-Lag compensation Network • DC Motor transfer function study & trainer • DC Servomotor Controller • Characteristics of Synchros • Simulation of Transfer function using operational Amplifier • Cathode Ray Oscilloscopes • Cathode Ray Oscilloscopes • P-III 866 MHZ, 128 MB, 20 GB • MD(1) P4 / 1.5 GHZ / 40 GB • 1 HP Separate by excited DC motor • Programable Logic Controller(CPU) • Temperature Control using PID kit • AC Servomotor Study trainer kit • DC shunt gnerator coupled with DC shunt Motor • Mini Hydel Project Model • Process Control Simulator (ITB PCS 01) • Synchro Transmitter,Receiver Trainer (PEC-03) • DC Servo Motor Controller (ITB REC 005) • Lead Lag Network Simulator (VLLN 01) • Characteristics Of AC Servo Motor (ITB PEC 00A) • Cathoderay Oscilloscope (CRO's) • Cathoderay Oscilloscope (CRO's) • Cathoderay Oscilloscope (CRO's) • Process Control Simulator • Characteristics of Synchros • Characteristics Of Magnetic Amplifier • DC Servo Motor Controller • Lead Lag Network Simulator • Characteristics Of AC Servo Motor • Programable Logic Controller • Temperature Control using PID kit • DC Motor transfer function study & trainer • DC shunt gnerator coupled with DC shunt Motor • Acer veriton desktop system • Voltage Stabilizer(5KVA)
EEE	Power Electronics Lab	<ul style="list-style-type: none"> • 1-Phase parallel inverter • 1-Phase Half controlled bridge converter(2) • Commutation chopper circuit module • 1-Phase Cyclo converter • Cathode Ray Oscilloscopes (CROS)(5) • DC Jones chopper circuit module • Single phase cyclo converter circuit module • 1-phase fully controlled bridge converter • 1-phse Half controlled bridge converter • 1-phase parallel inverter • 1-phase Bridge inverter

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

EEE	Systems Simulation Lab	<ul style="list-style-type: none"> • 6KVA online UPS • Computers EZEE BEE 4981 256MB RAM, 40GB Hard disk • Wipro i Value • CASPOC • HP Proliant ML 110 G5 server,512 MB RAM/160GB HDD/DVDROM/ Keyboard/nouse • HP13" TFF Monitor • 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 • 6KVA online UPS with 12V-26AH, 16 No SMF/VRLA Batteries, Make:Liebert • 1KVA Online UPS,SB Plus • LCD Projector • PC(ACER) • Acer veriton desktop systems Intel core i5,4th generation processor,1181 mother board,8GB DDr3 Ram,500 GB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel core i5,4th generation processor,1181 mother board,8GB DDr3 Ram,500 GB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel core i6,4th generation processor,Intel1181 chipset mother board,8GB(4GBX2) DDR3 Ram,1 TB HDD Sata ,18.5 Inches Tft Led Monitor,Ps2 keypad Ps2 Mouse • Acer veriton desktop systems Intel dual core,G-3260,4th Generation processor,intel H81 chipset mother board,4gb ddr3 Ram,1TB sata Hard disk Acer 19.5 Led monitor
EEE	Microprocessor and Microcontroller Lab	<ul style="list-style-type: none"> • ALS-SDA-86MEL Microprocessor Trainer Kit • ALS-NIFC-01ASingle Stepper motor Interface card • ALS-NIFC-05 Logic Controller interface • ALS-NIFC-06A Dual DAC Interface Module • ALS-NIFC-07A 8 Bit ADC Interface Module • Voltage Stabilizer(5KVA)
ME	Mechanics of Solids Lab	<ul style="list-style-type: none"> • KMI spring testing machine 2500N capacity model 1.3D with one set of grips for testing in compression. • Torsion testing machine: FIE torsion testing machine 6KGM capacity model TT- 6. • FIE impact testing machine model IT – 30 with standard accessories. • Universal testing machine 400KN capacity electronic model UTE-40 and Extensometer Model EM – 1 for UTM -40 with Shear attachment. • Compression Testing Machine 200Tcapacity electrical operated / hand operated. • Computerized Digital University Testing Machine. • Electronic Digital Extensometer - Bend & Rebend Attachment • Micro Hardness Tester
ME	Machine Tools Lab	<ul style="list-style-type: none"> • Simple Lathe • All Geared Capstan Lathe • Universal Milling Machine • Heavy Duty Shaping Machine • All Geared Head Lathe • Semi Geared Lathe • Tool And Cutter Grinder • 6" All Geared Head Lathe • Planning Machine • Cylindrical Grinding Machine • 6 Feet All Geared Lathe with Coolant Pump

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

ME	Dynamics of Machines Lab	<ul style="list-style-type: none"> • Motorized Gyroscope and Digital Tachometer (Contact type) • Whirling of shafts apparatus • Static and Dynamic balancing machine • Balancing of reciprocating masses apparatus • Friction and wear test apparatus • Journal Bearing apparatus • Universal Vibration apparatus • Govenner apparatus
ME	Thermal Engineering Lab	<ul style="list-style-type: none"> • Four –cylinder four stroke vertical 10 H.P. Ambassador petrol engine coupled to hydraulic dynamometer with radiator and clutch arrangements and other standard accessories. • Single cylinder, Four stroke 5 H.P. vertical new kirloskar water cooled diesel engine test rig with rope brake arrangements, exhaust gas calorimeter and other standard accessories for experimentation • Single cylinder four stroke 3 H.P. high speed brand new greaves petrol engine coupled to AC alternator with standard accessories • Two stage 3 H.P. Air compressor test rig with energy meter arrangement with standard accessories • Refrigeration test rig • Variable Compression Ratio Petrol Engine Test Rig + (Ex. Gas Calo) A.C. Loading • Air Conditioning Test Rig • Single Cylinder 2 Stroke Petrol Engine Test Rig • Single Cylinder 4StrokeDiesel Engine Test Rig (motering and retardation test) • PC Based Single Cylinder 4 Stroke Variable Compression Ratio Diesel Engine Test Rig • Twin Cylinder Diesel Engine Test Rig • Exhaust Gas Analyzer • Smoke Meter • Flame propagation Unit (Propagation speed by using LPG as fuel) • Parabolic concentrator test rig for outdoor unit • Centrifugal Blower Test Rig • Axial Flow Compressor
ME	Instrumentation Lab	<ul style="list-style-type: none"> • Basic Pneumatic Training Equipment set along with Fluidsim Pneumatic Simulation Software • Allen Bradley PLC with 12 Digital I/Ps and 7 Digital O/Ps (Sciencetech 2400J)
ME	Fuels and Lubricants Lab	<ul style="list-style-type: none"> • Bomb Calorimeter - as per specification with Cylinder • Junker's Gas Calorimeter
ME	Dassault Systemes 3D Experience Centre	<p>HP Z240T Workstation: 36th Intel Core i7-7700, 7th Gen Processor, 64 GB RAM (4 x 16) 2400 MHz DDR4 / 1 TB SATA HDD (7200 RPM) / Nvidia Quadro P1000, 4GB Graphic Card</p>
		<p>HP Z240T Workstation: 36th Intel Core i7-7700, 7th Gen Processor, Intel C236 Chipset / 16 GB RAM (2 x 8) 2400 MHz DDR4 / 1 TB SATA HDD (7200 RPM) / Nvidia GTX 1050 T1, 4GB DDR5 Graphic Card</p>
		<p>HP ZBOOK 15U G4 Mobile Workstation : 01th Intel Core i5, 7th Gen, 7200 Processor, 16GB DDR4 RAM, 1TB HDD, AMD 2GB Graphics Card</p>
ME	Applied Robot Control Lab	<p>IGUS Robolink 4 Axis Robot with Magnetic Gripper IGUS Robolink 4 Axis Robot with Vacuum Gripper Acer vertion Intel i5 4th Generation Processor/16GB RAM</p>

ECE	Microwave and Optical Communication Lab	Microwave Bench (Vidyut Yantra) Design fob Digital Transmission Kit Intensity Modulation Kit Cathode Ray Oscilloscope Sx- 9001 (Sico) Fibre Optic Analog Kit Microwave Bench (Om) Laser diode kits Digital links Opticl analog kits Fiber optic digital kits Laser diode kits CRO Microwave bench Frequency meters Pin modulator Gunn oscillator(Sico) Klystron Power supply Microwave Bench (Vajenthura) Laser Diode Transmitters Kits Digital CRO Intensity laser diode Kits
ECE	Communication Engineering Lab	Cathode Ray Oscilloscope (analog) (20MHz , 30MHz& 100MHz) AM/FM Signal Generator Cathode Ray Oscilloscope (DSO) 50MHz Spectrum Analyzer Analog and Digital IC Tester
ECE	ECAD Lab	MATLAB, XILINX Softwares,, NI Lab View, Ansys HFSS Software,NI Multisim. DSP Starter kits(DSK) TMS 320C C6713, DSP KITS-DSK TMS 320C C6711,XUP-Vertex5 FPGA Board, Zed board Zynq-7000 ARM/FPGA SOC Development Board, Universal CPLD FPGA Trainer Kits,SIMS UVLSI Universal Trainer Kits
ECE	Electronic Devices Circuits Lab	Digital Storage Oscilloscope 32 waveform Functiongenerator(20MHz) Function Generator(1MHz)
ECE	Microprocessors & Microcontrollers Lab	WSN Development Boards 8086 Microprocessor Kits PIC Development Boards ARM7 Development Boards AVR Development Boards MSP430 Development Board ZIGBEE Node Wi-Fi Node Analog and Digital I.C Tester Univeral Embedded Kits Superpro/Z Universal Programmer Cathode Ray Oscilloscopes(20Mhz)
ECE	R&D Centre	ANSYS Academic Teaching HF, Xilinx Vivado System Edition Latest, Wireless Embedded Module, GSM/GPS Trainer Board, Mobile Network Equipment NI-LabVIEW :NI RIO Kits, NI DAQ Kits, NI LabVIEW Professional Development Software.
ECE	Integrated circuit laboratory	Cathode Ray Oscilloscope (30MHz & 20MHz) Linear & Digital IC Tester
ECE	ISL-IOT Lab	Weather monitoring kit
ECE	ES R&D Lab	In-circuit Emulator,ARM 926 Kits, DSP starter Kit, EMD Project, ARM Development Board, Wireless Development Board, Acer Veriton Desktop Systems, HP Laptop, Raspberry Pi3 Kits & Sensors, Infoucs Projector
CSE	Operating Systems and Networks Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 32 No's • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 07 No's • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No. • Laser Printer – 1 No • 6 KVA UPS – 2 No's.

CSE	Web Technologies Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 40 Nos. • Laser Printer – 2 Nos. • 6 KVA UPS – 2 Nos.
CSE	Data Structures Lab	<ul style="list-style-type: none"> • Acer i5 Processor,8 GB RAM, 512 GB SSD,4GB Graphic card –35 No's • HCL Dual Core Processor,4 GB RAM, 500 GB HDD – 04 Nos. • Laser Printer – 2 No's • Epson DS1630 Scanner – 01 No's • 6 KVA UPS – 1 No
CSE	Open source Technologies Lab	<ul style="list-style-type: none"> • Acer i5 Processor,8 GB RAM, 1TB HDD – 10 No's • Acer Dual Core Processor,8 GB RAM, 500 GB HDD – 24 Nos. • Acer Dual Core Processor,8 GB RAM, 1 TB HDD – 02 Nos. • Laser Printer – 2 No's. • 6 KVA UPS – 1 No's.
CSE	Data Base Lab	<ul style="list-style-type: none"> • Dell Power Edge R 740 - Server – 1 Nos. • Dell Power Edge T40 Work Station – 1 Nos. • Acer i5 Processor,8 GB RAM, 512 GB SSD,4GB Graphic card –40 No's • Laser Printer – 1 No. • Umax Astra 4100 Scanner – 1 No's. • 6 KVA UPS – 2 No's.
CSE	Design Tools Lab	<ul style="list-style-type: none"> • Acer i5 Processor,8 GB RAM, 512 GB SSD,4GB Graphic card –35 No's • HCL Dual Core Processor,4 GB RAM, 500 GB HDD – 04 Nos. • Laser Printer – 2 No's • Epson DS1630 Scanner – 01 No's • 6 KVA UPS – 1 No
CSE	Research and Development Lab	<ul style="list-style-type: none"> • Acer i7 Processor, 16 GB RAM, 2 TB HDD–2 No's. • Acer i5 Processor, 8 GB RAM, 1 TB HDD–33 No's. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 1 No's. • Laser Printer – 1 No. • Epson DS1630 Scanner -1 No • 6 KVA UPS – 2 No's. • 1.1 KVA UPS – 1 No.
CSE	Common Computing Facility - 2	<ul style="list-style-type: none"> • HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 5 No's. • Wipro DualCore Processor,2 GB RAM, 320 GB HDD–29 No's. • Wipro DualCore Processor,4 GB RAM, 320 GB HDD – 3 No's. • Acer DualCore Processor, 4 GB RAM, 500 GB HDD – 19 No's. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD–20 No's • Acer Dual Core Processor,4 GB RAM, 500 GB HDD – 8 No's • Laser Printer – 2 No. • 6 KVA UPS – 3 No's.
CSE	M.Tech Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 26 Nos. • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 9 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 3 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD– 22 No's • Laser Printer – 1 No. • 6 KVA UPS – 2 No.
IT	Object Oriented Systems Lab	<p>Computers: 40 NO's</p> <p>1.ACER i5 2.70GHz processor,8GB RAM, 1TB HDD, LED Monitors. – 40 NO's.</p> <p>SONY LCD Projector – 01 NO's</p> <p>Printers: 02 NO's 1. Laser jet – 02 NO's</p> <p>WEB CAMS – 30 Nos. LOGITECH</p> <p>UPS: LIEBERT 10 KVA – 01 NO'S</p>

IT	Database Data Warehousing Lab	Computers: 39 NO's 1. ACER i5 2.53GHz processor,8GB RAM, 1TB HDD, LED Monitors. – 33 NO's. 2. ACER PDC 2.53GHz, 8GB RAM, 500 GB HDD, LED Monitor -06 Nos. Printers: 02 NO's ; 1.HP Laser jet – 02 NO's WEB CAMS – 30 Nos. LOGITECH UPS: LIEBERT 6 KVA – 2 NO'S
IT	Advanced Programming Lab	Computers: 75 NO's 1. ACER i5 2.53GHz processor,8GB RAM, 1TB HDD, LED Monitors. –15 NO's. 2. ACER i5 2.53 GHz, 8GB RAM, 512 SSD, LED Monitor -10 Nos. 3. Acer i5 2.53 GHz,8GB RAM, 512 GB SSD, Graphic card, LED Monitor – 35 Nos. 4. HCL PDC 3.0GHz processor, 4 GB RAM, 320 HDD, LCD Monitor – 15 NO's. 5. Arduino Kit, Basic Shield and components – 30 Nos. SONY LCD Projector – 01 NO's Printers: 03 NO's 1. Canon Laser jet – 01 NO's 2. HP1020 LASER -02 NO's UPS: LIEBERT 6 KVA – 03 NO'S
IT	Research & Development Lab	Computers: 29 NO's 1. Acer i5 , 4GB RAM,500 GB HDD LCD Monitor – 5 Nos. 2. ACER Pentium DUAL CORE 2.7GHz, 500GB HDD, 4GB RAM, 18.5" TFT LED MONITOR – 4 Nos. 3. ACER VERITON Intel Dual Core 2.8GHz 4GB RAM, 500GB HDD LED Monitor – 10 Nos. 4. ACER i5 2.8GHz, 8 GB RAM, 1TB HDD LED Monitor -5 Nos. Printer: Canon Laser jet – 01 KIOSKs : 02 NO's Hostans Systems HCL i3 2.53 GHz processor, 1TB HDD, 21" Touch screen with Biometric and Bar code scanners. Hamster II FPA NITGEN- 03 NOS Zebrox cameras – 02 NO's IRIS Device (LG) – 01 NO's Honeywell scanner (1452G, IEE 3300) – 02 NO's Honeywell Barcode Printer – 01 No's UPS : LIEBERT 6 KVA – 01
IT	Data Analytics Lab	Computers: 40 NO's 1. Acer i5 Processor, 8 GB RAM , 1TB HDD, LED Monitor- 32 Nos. 2. Acer i5 Processor, 8GB RAM, 512GB SSD,LED Monitor – 8 Nos. 3. UPS : EMERSON PB 6000-6 KVA – 2 Nos.
IT	Application Development Lab	Computers: 40 NO's 1. Acer i5 Processor, 8 GB RAM, 1TB HDD, LED Monitor – 13 Nos. 2. Acer Dual Core Processor, 4GB RAM, 1TB HDD, LED Monitor 3. View Sonic i5 Processor, 16 GB RAM, 512 GB SSD, LED Monitor 4. UPS : Vertix Liebert PB600 - 6 KVA – 1 No.
IT	Programming Lab	ViewSonic Desktop 12th Generation, 16 GB RAM, 512 SDD, 21.5" Monitor – 70 LIEBERT 6 KVA - 2
IT	Project Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 6 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 10 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD– 4 No's • Laser Printer – 1 No. • 6 KVA UPS – 2 No.

IOT	IoT Based Embedded Systems Lab	Acer i5 Processor, 8 GB RAM, 512 GB SSD - 35 NoS. Viewsonic 6 KVA UPS – 2 Nos, STM32 Development Trainer kit 10 Nos, Interface card for STM32 1.Traffic light control interface 2. 4*4 Keyboard interface 3. Zigbee interface – 10 Nos., PHY-53 Universal gates Trainer kit – 2 Nos., PHY-196 8*1 Multiplexed(IC 74LS151) Trainer kit – 2 NOs., PHY-116 Half and Full adder and subtractor kit – 2 Nos., PHY-295 Demultiplexer Trainer using 74LS154 – 2 Nos., PHY-42 Flip-Flop Trainer kit – 2 Nos., PHY-1002 Universal Digital Lab Trainer kit – 2 Nos., Temperature measurement using RTD and thermistor kit – 2 Nos., Temperature measurement using thermocouple and IC temperature sensor kit – 2 Nos., Temperature measurement using thermocouple and IC temperature sensor kit – 2 Nos., Temperature measurement using thermocouple and IC temperature sensor kit – 2 Nos., Displacement measurement using LVDT kit – 2 Nos., Digital Multimeter (Make:Rishab) – 2 Nos. Raspberry Pi4 Boards – 10 Nos.
	Sensors & Actuators (S&A) Lab	Viewsonic i5 12 th generation, 16 GB RAM, 512 GB SSD - 75 NoS. 6 KVA UPS – 3 Nos., IoT Experience Kits – 2, ESP 32 Boards with Sensors Bundle 12.
AI&DS	Artificial Intelligence Lab	<ul style="list-style-type: none"> • Acer Veriton M200 Desktop I5 Processor, 8 GB RAM, 512GB SDD – 02 Nos • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 1 No • Acer Veriton M200 Desktop I5 Processor 8GB DDRAM, 512GB SSD – 38Nos. • HP Laser Printer 108W - 1No. • Canon Laser Printer 220-240V -1No. • 6 KVA UPS – 01 No
	Data Science Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor 4GB RAM, 500GB HDD – 01 No • Acer Veriton M200 Desktop I5 Processor, 8 GB RAM, 512GB SDD - 37 Nos. • Canon Laser Printer 220-240V -1No. • 6 KVA UPS – 01 Nos
	Full Stack Application Development Lab	<ul style="list-style-type: none"> • ViewSonic Mini Desktop I5 12th Gen/16GB Ram/512ssd, ViewSonic 21.5” Monitor VA2215-MH-1N, KB & Mouse, 4GB Graphic card – 38 Nos. • 6 KVA UPS – 02 Nos.
	Data Analytics and Visualization Lab	<ul style="list-style-type: none"> • ViewSonic Mini Desktop I5 12th Gen/16GB Ram/512ssd, ViewSonic 21.5” Monitor VA2215-MH-1N, KB & Mouse, 4GB Graphic card – 37Nos. • 6 KVA UPS – 01 No.
AI&ML	Artificial Intelligence Lab	<ul style="list-style-type: none"> • Viewsonic- H610, i5 Processor, 12th Gen, 16GB RAM, 512 GB SSD- • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 2 No’s
AI&ML	Databases Lab	<ul style="list-style-type: none"> • Viewsonic- H610, i5 Processor, 12th Gen, 16GB RAM, 512 GB SSD- • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 1 No’s
MBA	Department of Business and Management Studies	<ul style="list-style-type: none"> • Computers, 6kv UPS, LCD Projectors • Network Switches
BS&H	Engineering Physics Lab	Diode Laser Experimental Setup Optical Fiber Kit, Optical Fiber loss Numerical Aperture and Acceptance Demonstration of Thermo Electric generation Demonstration of Peltier effect He-Ne laser experimental Setup Spectrometers Travelling Microscope

BS&H	Engineering Chemistry Lab	Hot Air Oven Visible Spectro photometer Digital Balance (Accuracy 0.0001g) Visible Spectro photometer Visible Spectrophoto Meter Digital potentiometer 8
English	ELCS Lab	Computers LCD Projectors Network Switches Ahuja Audio Systems 6KV UPS

List of Experimental Setup in each Laboratory / Workshop

Course	Name of the Laboratory / Workshop	List of Experimental
CE	Environmental Engineering Lab	Estimation of suspended and dissolved solids Estimation of organic and inorganic solids Determination of Chlorides Determination of Optimum Coagulant dose Determination of Residual Chlorine Estimation of Settleable Solids Determination of Dissolved Oxygen Determination of B.O.D Determination of C.O.D Determination of Alkalinity Determination of Acidity Determination of Total hardness Determination of pH and conductivity Determination of Turbidity Determination of Sulphates Determination of Fluorides.
CE	CACE Lab	Design a Reinforced beam for flexure by Limit state method Design a T beam by Limit state method. Design of one-way slab. Design of Two-way slab. Design of RCC compression member Determination of bearing capacity of soil by IS code. Estimation of Settlement of foundations in Cohesive Soil. Estimation of runoff for a catchment area. Analyze and design any type of determinate structure. Analyze and design any continuous beam. Analyze and design of a Compression Member. Analyze and design any portal frame without sway Civil Engineering. Analyze and design any portal frame with sway. Analyze a simple truss. Design of a frame against Wind loads. Design of a frame against earthquake loads. Creation of AOI, Clip and Mosaic (Satellite Imagery or Toposheet). Digitization of Satellite Map/Toposheet and Creation of thematic maps. Calculate Geometry for vector data.
CE	Engineering Geology	Developing Digital Elevation model from contours. Catchment and stream delineation from DEM using QGIS. Supervised classification.

CE	Building Drafting Studio Lab	<p>Essentials and orientation of drafting tools within the software.</p> <p>Drafting a residential building plan.</p> <p>Drafting a public building.</p> <p>Drafting an OHSR.</p> <p>Drafting a bridge structure.</p> <p>Draft a layout for an area that suits apartment satisfying building codes, NBA etc.</p> <p>Draft an elevation view for a multi-story building/ apartment building.</p> <p>Draft a 3D model for a school building.</p> <p>Draft a 3D model for a bridge structure.</p> <p>Draft a sectional view of a residential building.</p> <p>Draft a 3D model for a residential building.</p> <p>Draft a 3D model for a public building.</p>
CE	Surveying Lab	<p>Conduct cross staff survey for determining area between the given points.</p> <p>Determine the distance between two points in case of</p> <p>a) When there is a river as obstacle.</p> <p>b) When there is a building as obstacle.</p> <p>Conduct compass survey for determining included angles between the lines in the given bounded area</p> <p>Determine distance between two inaccessible points</p> <p>Determination of reduced levels using Height of Instrument and Rise & Fall Method</p> <p>Conduct Profile Levelling for widening of roads.</p> <p>Conduct levelling in determination of contours.</p> <p>Determination of Horizontal angles by Repetition and Reiteration Methods.</p> <p>Determine height of building when base is inaccessible and inaccessible</p> <p>Determine tacheometric constants.</p> <p>Conduct curve setting by any one method of linear and angular methods.</p> <p>Conduct Remote elevation and remote distance measurement.</p> <p>Determine the given bounded area in the field.</p> <p>Stake out.</p>
CE	Transportation Engineering Lab	<p>Determine the strength of aggregates by using the aggregate crushing value test</p> <p>Determine the toughness of the aggregate by using the aggregate impact value test</p> <p>Determine the flakiness index of the given aggregate sample</p> <p>Determine the elongation index of the given aggregate sample</p> <p>Determine the attrition value of a given aggregate sample</p> <p>Determine the abrasion value of a given aggregate sample</p> <p>Determine the specific gravity & Water absorption values for a given aggregate sample</p> <p>Determine the penetration value of a given bitumen sample</p> <p>Determine the softening point value for a given bitumen sample</p> <p>Determine the flash & fire point of a given bituminous material sample</p> <p>Determine the ductility value of a given bituminous material sample</p> <p>Determine the traffic ductility of a given bituminous material sample</p> <p>Determine the spot speed value at a given section of the road</p> <p>Design the bituminous mix by using the Marshall Stability test</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>
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 Ultrasonic puls velocity 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 Concrete Permeability apparatus</p> <p>Rapid Chloride Permeability test</p>

CE	Concrete Technology Lab	<p>Normal Consistency and Fineness of Cement Initial And Final Setting Times of Cement Specific Gravity and Soundness of Cement Compressive Strength of Cement Specific Gravity of Fine Aggregate & Bulking of Sand Fineness Modulus of Fine Aggregate Specific Gravity of Coarse Aggregate Fineness Modulus of Coarse Aggregate Flakiness Index of Coarse Aggregate Elongation of Coarse Aggregate Workability of Concrete Compaction Factor Slump And Vee -Bee Compressive Strength , Split Tensile And Flexural Strength of Concrete Non Destructive Testing of Concrete</p>
CE	Geotechnical Engineering lab	<p>Determine the specific gravity of solids by density bottle or pycnometer method. Determination of Liquid Limit, Plastic Limit and shrinkage limit of the Soil. Determine the Field Density by Core Cutter and Sand Replacement Methods. Determine the compaction characteristics of soil by I. S. Light Compaction. Determine the compaction characteristics of soil by I. S. Heavy Compaction Determination of Free Swell Index (FSI). Determine California Bearing Ratio (CBR) of soil. Determine particle size distribution of soil by sieve analysis. Determine particle size distribution by hydrometer method. Determination of Undrained Shear Strength of Soil By Unconfined Compression (UCC) Test. Determination of Shear Strength Parameters of a Soil Specimen by Triaxial Compression Test. Determination of Shear Strength Parameters of the Soil by Direct Shear Test (Box Shear Test). Determination of Undrained Shear Strength of Soil By Laboratory Vane Shear Test. Determination of Density Index (Relative Density) of Cohesionless Soils. Determination of Coefficient of Permeability of the Soil by Variable (Falling) Head method.</p>
CE	Applied Mechanics Lab	<p>To study various types of tools used in construction. Forces in Pin Jointed Trusses Experimental Proof of Lami's Theorem Verification of Law of Parallelogram of Forces. Determination of Center of Gravity of different shaped Plane Lamina. Determination of coefficient of Static and Rolling Friction. 7. Verification of Law of Moment using Rotation Disc Apparatus and Bell Crank Lever Study of Alternative Materials like M-sand, Fly ash, Sea Sand etc. Field-Visit to understand the Quality Testing - report. Safety Practices in Construction industry Demonstration of Non-Destructive Testing - using Rebound Hammer & UPV Study of Plumbing in buildings</p>
EEE	Electrical Circuits Lab	<ol style="list-style-type: none"> 1. Verification of Thevenin's and Norton's Theorems 2. Maximum Power Transfer Theorem 3. Verification Superposition and Reciprocity Theorems 4. Verification of Compensation and Millman's Theorems 5. Series and Parallel Resonance 6. Determination of Self, Mutual Inductances and Coefficient of coupling 7. Z and Y Parameters 8. Transmission and Hybrid parameters 9. Measurement of Active power for Star connected balanced load 10. Measurement of Reactive power for Star connected balanced load 11. Time Response Of First Order RL / RC Network 12. Determination of form factor for non - sinusoidal wave forms.

EEE	Electrical Machines Lab -I	<ol style="list-style-type: none"> 1. Magnetization characteristics of DC shunt generator. 2. Load test on DC Shunt generator. 3. Load test on DC compound generator 4. Speed control of DC shunt motor. 5. Brake test on DC compound motor. 6. Swinburne's test on DC shunt machine. 7. Hopkinson's test on a pair of DC shunt machines. 8. O.C and S.C tests on single phase transformer. 9. Sumpner's test on a pair of single phase transformers. 10. Parallel operation of two single phase transformers. <p style="text-align: center;">Additional experiments beyond the Syllabus</p> <ol style="list-style-type: none"> 1. Retardation test on a DC shunt machine. 2. Separation of core losses in single phase transformer.
EEE	Electrical Machines Lab -II	<ol style="list-style-type: none"> 1. No Load and Blocked rotor tests on three phase Induction motor. 2. Equivalent circuit of a single phase Induction motor 3. Brake test on three phase slip ring Induction motor. 4. Regulation of a three phase alternator by EMF and MMF methods. 5. Regulation of a three phase alternator by ZPF method. 6. Measurement of sequence impedances of a three phase alternator. 7. Determination of X_d, X_q of a salient pole alternator using slip test. 8. Synchronization of an alternator with infinite bus bar. 9. V and inverted V curves of a three phase synchronous motor. 10. Scott connection of transformers. 11. Load test on a three phase alternator. 12. Load test on a three phase transformer. <p style="text-align: center;">Additional experiments beyond the Syllabus:</p> <ol style="list-style-type: none"> 1. Synchronization of alternator with infinite bus bar. 2. Line Excited Induction Generator. 3. V and inverted 'V' curves of a three phase synchronous motor (Virtual). 4. No Load and Blocked rotor tests on three phase Induction motor (Virtual).
EEE	Electrical Measurements Lab	<p>Calibration and testing of single phase energy meter.</p> <ol style="list-style-type: none"> 2. Kelvin's double bridge – measurement of low resistance. 3. Crompton D.C. potentiometer – calibration of PMMC ammeter. 4. Capacitance measurement using Schering Bridge. 5. Inductance measurement using Anderson Bridge. 6. Measurement of parameters of a choke coil using 3 ammeter method. 7. Measurement of 3 phases reactive power with single-phase wattmeter for balanced loading. 8. Calibration LPF wattmeter – by phantom testing. 9. Dielectric oil testing using H.T. testing kit. 10. LVDT– characteristics and calibration. 11. Resistance strain gauge – strain measurement and calibration. 12. Hall effect sensor. <p>Any 2 of the following experiments are to be conducted using virtual mode environment:</p> <ol style="list-style-type: none"> 1. Measurement of self inductance by Owen bridge. 2. Measurement capacitance by Wien series bridge. 3. Q meter experiment-To determine the quality factor of an unknown coil. 4. Measurement of high resistance by Megohm bridge.
EEE	Electrical Technology Lab	<ol style="list-style-type: none"> 1. Verification of Kirchhoff's Laws 2. Series and Parallel Resonance. 3. Verification of Superposition & Reciprocity Theorems. 4. Verification of Thevenin's Theorem. 5. Verification of Norton's Theorem. 6. Verification of Maximum Power Transfer Theorem on D.C. 7. Verification of Compensation & Millman's Theorems. 8. Z and Y Parameters. 9. Transmission and hybrid parameters. 10. Time response of first order RL/RC network for periodic non-sinusoidal inputs. 11. Determination of form factor for non-sinusoidal waveform.

EEE	Control Systems Lab	<ol style="list-style-type: none"> 1. Characteristics of Synchros 2. Programmable logic controller – Study and Verification of truth Tables of logic gates, and simple Boolean Expressions. 3. Effect of feedback on DC servo motor. 4. Effect of P, PD, PI, PID Controller on a second order systems 5. Lag and lead compensation – Magnitude and phase plot 6. Temperature controller using PID 7. Time response analysis of second order system for standard test signals. 8. Transfer function of armature controlled DC motor 9. Transfer function of DC generator 10. Characteristics of AC servo motor 11. Stability analysis of the given control system by Root locus, Bode plot (Simulation Experiment) 12. State space modeling of second order control system (Simulation experiment). <p>Additional experiments:</p> <ol style="list-style-type: none"> 1. Garage Shutter opening and closing using PLC (Virtual lab experiment) 2. Container Filling Process Using PLC (Virtual lab experiment)
EEE	Power Systems Lab	<ol style="list-style-type: none"> 1. Characteristics of Static Negative Sequence Relay. 2. Characteristics of Microprocessor based Over Voltage Relay. 3. Simulation of 220KV Transmission line model. i) Ferranti Effect ii) Transmission line constants 4. Determination of I-V and P-V characteristics of PV module with varying radiation. 5. Characteristics of Induction Motor Protection relays. 6. Determination of I-V and P-V characteristics of series and parallel combination of PV module. 7. Determination of Sub-Transient Reactance of a Salient Pole Machine. 8. Characteristics of impedance relay. 9. Testing of Buchholz relay <p>Simulation experiments</p> <ol style="list-style-type: none"> 10. Obtain the Y_{bus} for the given power system network. 11. Obtain the load flow solution for a given power system by using Gauss Seidel algorithm. 12. Load frequency control of single area system with and without integral controller. <p>Additional Experiments:</p> <ol style="list-style-type: none"> 1. To study the differential Protection of a three phase delta-delta connected Transformer (Virtual lab experiment). 2. To determine the sub-transient (x_{d3}), transient (x_{d2}) and steady state reactance (x_d) of a synchronous machine (Virtual lab experiment).
EEE	Electrical Systems Simulation Lab	<ol style="list-style-type: none"> 1. Generation of single phase and three phase electrical source. 2. Simulation study of series RLC circuit using MATLAB. 3. Verification of Superposition theorem using MATLAB/SIMULINK. 4. Verification of Thevenins theorem using MATLAB/SIMULINK. 5. Verification of Nortons theorem using MATLAB/SIMULINK. 6. Verification of Maximum Power transfer theorem using MATLAB/SIMULINK. 7. Verification of Reciprocity theorem using MATLAB/SIMULINK. 8. Simulation of series and parallel resonance using MATLAB. 9. Modeling and simulation of armature controlled DC motor using MATLAB/SIMULINK. 10. Simulation of OC and SC test on single phase transformer using MATLAB/SIMULINK. 11. Simulation of single phase half and full wave rectifiers using MATLAB/SIMULINK. 12. Simulation of regulated power supply using MATLAB/SIMULINK..

EEE	Electrical Systems Simulation Lab	<ol style="list-style-type: none"> 1. Modeling and simulation of single phase transformer. 2. Modeling of transmission line using short line approximation and nominal pi methods. 3. Determination of efficiency and regulation of a long transmission line network. 4. Single phase full controlled converter and AC voltage controller. 5. Single phase voltage source and current source inverter
EEE	Power Electronics & Drives Lab	<ol style="list-style-type: none"> 1. Study of Characteristics of SCR, MOSFET & IGBT. 2. UJT triggering circuit for silicon controlled rectifier (SCR) 3. Single Phase Half controlled bridge converter with R and RL load. 4. Single Phase Fully controlled bridge converter with R and RL load. 5. Single Phase AC Voltage Controller with R and RL load. 6. Single Phase bridge inverter with R and RL load. 7. Single Phase dual converter with RL load 8. Three Phase half controlled bridge converter with R and RL load. 9. Three Phase fully controlled bridge converter with R and RL load 10. Three Phase half controlled bridge converter with RLE load 11. Three Phase fully controlled bridge converter with RLE load 12. Buck-Boost Converter 13. Series inverter using MATLAB 14. Three Phase fully controlled bridge converter using MATLAB
EEE	Power Electronics & Electrical Drives Lab (PG)	<ol style="list-style-type: none"> 1. 3-Φ AC Voltage Controller On Motor Load. 2. 3-Φ Full Converter With R & RL Loads 3. 3-Φ Full Converter With DC Motor Drive 4. Four Quadrant Chopper Drive Using DC Motor 5. Single-Φ IGBT Based Pwm Inverter On R & RL Loads 6. 3-Φ IGBT Based Pwm Inverter On R & RL Load 7. 3-Φ SCR Based Inverter Drive For AC Motor Module 8. Speed Controller Of 3-Φ Slipring Induction Motor By Static Rotor Resistance Controller 9. 3-Φ PWM Pulse Generator Module 10. DSP Based V/F Control Of Induction Motor 11. 3-Φ PWM Pulse Generation Using FPGA 12. FPGA Based 3-Φ IGBT Inverter
EEE	Microprocessor and Microcontroller Lab	<p>Assembly Language Programming Exercises/Experiments using 8086 Trainer kit</p> <ol style="list-style-type: none"> 1. Implementation of simple decimal arithmetic and bit manipulation operations. 2. Implementation of code conversion between BCD, Binary, Hexadecimal and ASCII. 3. Implementation of searching and sorting of 16-bit numbers. 4. Implementation of String manipulations. <p>Interfacing Exercises/Experiments with 8086 trainer kit through Assembly Language Programming</p> <ol style="list-style-type: none"> 5. Develop a stepper motor interface for rotating through any given sequence. 6. Develop a Digital-to-Analog Converter interface for wave form generation. Develop an Analog-to- 7. Digital Converter interface for analog signal to digital conversion. 8. Implementation of 2's complement and decoder functionalities using DIO interface
EEE	Electrical & Electronics Engineering Workshop	<ol style="list-style-type: none"> 1. Verification of KCL and KVL 2. Verification of Superposition theorem 3. Measurement of Resistance using Wheat stone bridge 4. Magnetization Characteristics of DC shunt Generator 5. Measurement of Power and Power factor using Single-phase wattmeter 6. Measurement of Earth Resistance using Megger 7. Calculation of Electrical Energy for Domestic Premises

ME	Engg. Workshop	Carpentry : a) T-Lap Joint b) Cross Lap Joint c) Dovetail Joint.
		Fitting : a) V-Fit b) Square Fit c) Half Round Fit
		Black Smithy : a) Round to Square b) S-Hook c) Round to Ring
		House Wiring : a) Parallel / Series Connection b) Stair Case wiring c) Florescent Lamp connection
		Tin Smithy : a) Taper Tray b) L – Pipe c) Funnel
		Welding : a) Lap joint b) Butt joint c) Tee joint
		Foundry : Mould making using Single and multi piece pattern
		Plumbing : a) Screwed pipe joint – For GI Pipes, PVC Pipes b) Glued or cemented pipe joint – for PVC pipes
ME	Engineering Mechanics Lab	Handling of Power Tools : a)Jig Saw b)Circular Saw c)Hand Drill d) Hand Grinder
		1. Calculation Of Centroid of The Plane Lamina
		2. Verification Of Lami’s Theorem
		3. Verification Of Polygon Law of Forces
		4. Determination Of Coefficient of Static Friction
		5. Verification Of Law of Moment by Using Bell Crank Lever
		6. Simply Supported Beam Apparatus
		7. Acceleration Due to Gravity of Compound Pendulum
		8. Moment of Inertia of Compound Pendulum
		9. Moment of Inertia of the Flywheel
10. Study the System of Pulleys		
ME	Electrical and Electronics Engineering Lab	1. Verification of Kirchoff’s Laws
		2. Verification of Superposition Theorem
		3. Verification of Maximum Power Transfer Theorem
		4. Experimental Verification of Thevenin’s Theorem
		5. Speed Control of DC Shunt Motor
		6. Open Circuit and Short Circuit Test on Single Phase Transformer
		7. Brake Test on DC Shunt Motor
		8. Brake Test on Three Phase Induction Motor
		9. P-N Junction Diode Characteristics
		10. Rectifiers With and Without Filters (Half Wave and Full Wave)
		11. Transistor CE Characteristics
		12. SCR Characteristics
ME	Solid Mechanics and Metallurgy Lab	1. Determination of modulus of elasticity using universal Testing machine
		2. Determination of modulus of elasticity and bending stress in a) Simply Supported Beam b) Cantilever beam
		3. Determination of modulus of rigidity using torsion testing machine
		4. Determination of Hardness number using a) Brinells hardness test b) Rockwell hardness test
		5. Determination of stiffness of springs using Spring Testing machine
		6. Determination of Impact strength using Impact Testing Machine a) Izod test b) Charpy test
		7. Preparation and study of the Microstructure of pure metals like Cu and Al
		8. Preparation and study of the Microstructure of Mild steels, low carbon steels, high – C steels
		9. Preparation and study of the Micro Structures of Cast Irons
		10. Preparation and study of the Micro Structures of Non-Ferrous alloys
		11. Determination of Hardness of various treated and non treated steels
		12. Hardenability of steels by Jominy End Quench Test
ME	Computer Aided Modeling Lab	1. Drawing of sketch of part - I
		2. Drawing of sketch of part - II
		3. Modeling of a part
		4. Modeling of a part and generation of orthographic views – I
		5. Modeling of a part and generation of orthographic views - II
		6. Creating detailed drawing with sectional views –I
		7. Creating detailed drawing with sectional views -II
		8. Modeling and assembly of parts - I
		9. Modeling and assembly of parts - II
		10. Modeling and assembly of parts - III
		11. Creating Schematic Diagrams
		12. Creating a model of the sheet metal part

ME	Manufacturing Processes Lab	<ol style="list-style-type: none"> 1. Pattern making for the given specifications 2. Testing of molding sand properties 3. Manufacturing of the given component using casting 4. Preparation of lap and butt joints using arc welding 5. Preparation of lap and single strap butt joints using spot welding 6. Preparation of butt joints using Plasma welding 7. Preparation of butt joints using TIG welding 8. Preparation of lap joints using brazing 9. Blanking and piercing operations using hydraulic press 10. Preparation of a component using injection moulding 11. Study of preparation of a bottle using blow moulding 12. Study of gas welding process
ME	Machine Dynamics Lab	<ol style="list-style-type: none"> 1. To determine the Gyroscopic Couple using modernized Gyroscope 2. To study the performance characteristics of Porter and Proell Governors 3. To study the effect of rotating unbalance and balancing of rotating Masses 4. To study the reciprocating unbalance and balancing of reciprocating Masses 5. To determine the natural frequency of undamped and damped torsional vibrations 6. To determine the Whirling speed of shaft.
ME	Machine Tools Lab	<ol style="list-style-type: none"> 1. Step turning. 2. Taper turning on lathe machine 3. Thread cutting and knurling on lathe machine 4. Drilling and boring on lathe 5. Drilling using radial drilling machine and tapping 6. Shaping 7. Planing 8. Slotting 9. Spur Gear cutting on milling machine 10. Helical Gear cutting on milling machine 11. Cylindrical grinding 12. Grinding of tool angles
ME	Thermal Engineering Lab	<ol style="list-style-type: none"> 1. Valve/port timing diagrams of a single cylinder diesel/petrol engine. 2. Disassembly / assembly of 4- stroke single cylinder petrol engine. 3. Load test on 4-stroke twin single cylinder diesel engine. 4. Load test on 2-stroke single cylinder petrol engine. 5. Motoring and retardation test on 4-stroke single cylinder diesel engine. 6. Heat balance on 4 - stroke single cylinder diesel engine. 7. Performance test on reciprocating air compressor. 8. Performance test on refrigeration test rig. 9. Performance on air conditioning and heat pump test rig. 10. Performance test on axial flow compressor. 11. Performance test on centrifugal blower.
ME	FM & HM Lab	<ol style="list-style-type: none"> 1. Determine coefficient of discharge of Venturimeter 2. Determine coefficient of discharge of Orifice meter 3. Determination of friction factor for a given pipe line 4. Verification of Bernouli's equation 5. Determine coefficient of discharge of orifice 6. Determine the efficiency of jet 7. Performance Test on Pelton Wheel 8. Performance Test on Francis Turbine 9. Performance Test on Kaplan Turbine 10. Performance Test on Single Stage Centrifugal Pump 11. Performance Test on Multi Stage Centrifugal Pump 12. Performance Test on Reciprocating Pump

ME	Measurements and Mechatronics Lab	<ol style="list-style-type: none"> 1. Study of Linear Measuring Instruments 2. Measurement of taper angle by using rollers ,slip gauges, sine bar and Bevel protractor 3. Measurement of chordal addendum and chordal tooth thickness by using Gear tooth vernier calipers 4. Linear and angular measurement by using Tool Maker's Microscope 5. Calibration of LVDT transducer for displacement measurement. 6. Calibration of strain gauge. 7. Calibration of thermocouple. 8. Calibration of tachometer using photo pickup and magnetic pickup. 9. Design and execute a pneumatic circuit for actuating single acting cylinder using 3/2 way valve. 10. Ladder programming on Logic gates, Timers counters using PLC. 11. Ladder programming on lift control using PLC. 12. Ladder programming on traffic light control using PLC.
ME	Computer Aided Modeling Lab	<ol style="list-style-type: none"> 1. Drafting of cotter joint 2. Drafting of Coupling and Bearing 3. Part Drawing of Screw Jack 4. Part Drawing of stuffing box 5. Indication of Fits Tolerances on drawings 6. Modeling of components of eccentric 7. Modeling of components of Stuffing Box 8. Indication of Surface roughness, heat treatment and surface treatment symbols on drawings 9. Assembly of Hooks Joint 10. Assembly of Pipe vice 11. Detailed drawing of Oldham coupling 12. Detailed drawing of Eccentric
ME	CAD / CAM Lab	<ol style="list-style-type: none"> 1. Static Analysis of truss 2. Static Analysis of beam 3. Static Analysis of 3- D structures 4. Steady State Heat Transfer Analysis 5. Modal analysis of beam 6. Analysis of Axisymmetric Problem 7. Optimization of cantilever beam 8. Analysis of plane stress problem 9. Simulation of manufacturing Processes 10. Machining of Simple Components using CNC Lathe 11. Machining of Simple Components using CNC Mill 12. Palletization of objects using pick and place Robot
ME	Heat Transfer Lab	<ol style="list-style-type: none"> 1. Determination of Thermal Conductivity of a lagged pipe 2. Determination of Thermal Conductivity of a given insulating powder 3. Determination of efficiency of a pin-fin 4. Determination of heat transfer coefficient in Transient Heat Conduction 5. Determination of heat transfer coefficient in forced convection 6. Determination of heat transfer coefficient in natural convection 7. Determination of overall heat transfer coefficient in a heat exchanger 8. Determination of Emissivity of a test plates 9. Determination of Stefan Boltzmann constant 10. Determination of Critical Heat flux during boiling
ECE	Electronic Devices Circuits Lab	<ol style="list-style-type: none"> 1. Digital Storage Oscilloscope 2. Cathode Ray Oscilloscope 3. Function Generators 4. Regulated Power Supply 5. LCR Meters 6. 3 ¼ Digital Multimeters 7. AC Servo Voltage Stabilizer 8. A.C Milli Voltmeters 9. Ammeters 10. Decade Resistances Boxes 11. Decade Inductance Boxes 12. Decade Capacitance Boxes 13. Experiment Trainer Kits

ECE	Integrated Circuits Lab	<ol style="list-style-type: none"> 1. Cathode Ray Oscilloscope 2. Function Generators 3. Pulse Generators 4. Regulated Power Supplies 5. Fixed Regulated Power Supplies 6. Audio Power Meters 7. Digital Multimeters 8. Decade Resistance Boxes 9. Decade Capacitance Boxes 10. Decade Inductance Boxes 11. IC Testers 12. Digital IC Trainers 13. Linear IC Trainers 14. AC Servo Stabilizer
ECE	Communication Engineering Lab	<ol style="list-style-type: none"> 1. Cathode Ray Oscilloscopes 2. Digital Storage Oscilloscopes 3. Function Generators 4. A.M. & F.M. Signal Generators 5. Pulse Generators 6. R.F. Signal Generators 7. Regulated Power Supplies 8. Decade Resistance Boxes 9. Decade Capacitance Boxes 10. Decade Inductance Boxes 11. Digital Multimeters 12. Power Meters 13. Spectrum Analyzer 14. Experimental Trainer Boards 15. Analog and Digital IC Tester
ECE	Microwave and Optical Communication Lab	<ol style="list-style-type: none"> 1. Microwave Klystron Benches(Vidyut Yantra) 2. Microwave Klystron 3. Benches (SICO) 4. Microwave Klystron 5. Benches (OM) 6. Microwave Gunn Benches (Vidyut Yantra) 7. Microwave Gunn Benches (SICO) 8. Microwave Gunn Benches (OM) 9. Klystron Power Supply Vajenthura 10. Laser intensity Modulation Trainers 11. Fibre Optic Digital Transmitter & Receiver 12. Fibre Optic Analog Transmitter & Receiver 13. Numerical Aperture Jigs 14. Cathode Ray Oscilloscopes 15. Digital Oscilloscopes 16. AC Servo Voltage Stabilizer 17. Digital Multimeters 18. Microwave klystron bench Vajenthura
ECE	Micro Processor and Microcontroller Lab	<ol style="list-style-type: none"> 1. Computers 2. 8086 Microprocessors Kits 3. Embedded trainer Kits 4. STA-SDA-8051/8031 Kits 5. Universal Microprocessors Kits for 8051 6. Cathode Ray Oscilloscope 7. Universal Programmer (SUPERPRO/Z) 8. 8086/8051 Interfacing Modules 9. Regulated Power Supplies 10. PIC Development Boards 11. ARM7 Trainer Kits 12. AVR Development Board 13. WSN Master Boards 14. ZIGBEE Boards 15. WIFI Boards

ECE	Electronic Computer aided Designing Lab	<ol style="list-style-type: none"> 1. Computers 2. VHDL 4.2+Multisim 2001 3. DSK TMS C6711 Kits 4. Altera Software (2 User License) 5. Xilinx 6.2i Software Upgraded to 7.1i 6. SIMS UVLSI Universal Trainer 7. 30 MHz U-Tek Make CRO's 8. HP Compaq Server 9. DSK TMS C6711 Kits 10. Matlab R2007 B 7.4 Version 11. Universal CPLD FPGA Trainer Kit 12. HCL Make Dual core systems 13. Wipro Make Dual core systems 14. LG Make 1.0 Ton Split AC 15. HP G2410 Scanner 16. Acer Make Dual core systems 17. MATLAB 7.14 18. LCD Projector 19. Matlab 8.5 20. Simulink 8.5 21. NI Multisim 14.0 & NI Ultiboard 14.0 22. Zed board Zynq-7000 ARM/FPGA SOC Development Board 23. DSP Starter kits(DSK) TMS 320C6713 with code composer studio 24. Dell Laptop 3584, i3-7th,8GB,1TB SILVER SERV TAG : GFMWTW2 25. ACER VERITON M200 Desktop Systems 26. INFOCUS PROJECTOR
ECE	Embedded Systems Lab	<ol style="list-style-type: none"> 1. Single chip MCU trainer based on 89C51 ED2 2. Power supply, Model:ESA PSM2 3. Logic controller Interface 4. TXDR Interface 5. Elevator Interface 6. In-circuit Emulator 7. ARM 926 Kits 8. USB Finger Print Reader 9. Wireless Adapter D-link 10. DSP Starter Kit 11. EMD Project 12. ARM DEVELOPMENT BOARD 13. WIRELESS DEVELOPMENT BOARD 14. ACER VERITON DESKTOP SYSTEMS 15. Mentor Graphics HEP-2 16. HP Laptop 17. AoC monitor 18. Rasbary Pi 3 kits 19. Infocus Projector 20. Micro Wind 3.9 package
ECE	R & D Centre	<ol style="list-style-type: none"> 1. COMPUTERS 2. NetSim Academic Version v13.1 3. Mentor Graphics Back End Tools 4. ANSYS Academic Teaching HF 5. Xilinx Vivado System Edition Latest SW 6. ML MATLAB 9.2 7. SL Simulink 8.9 8. SG Signal Processing Toolbox 7.4 9. IP Image Processing Toolbox 10.0 10. CM Communication Systems Toolbox 6.4 11. EC Embedded Coder 6.12 12. HD HDL Coder 3.10 13. DS DSP System Toolbox 9.4 14. PO Fixed Point Designer 5.4 15. ME MATLAB Coder 3.3 16. NI Multisim 14.0 17. NI Ultiboard 14.0 18. Xilinx Zed Development Kit 19. Wireless Embedded Module 20. GSM/GPS Trainer Board 21. Mobile Network Equipment 22. Zed Development Board 23. Wireless Sensor Network Master Development Board 24. Computers (Acer-i5) 25. Computers (Acer-DualCore) 26. Computers (Dell-i5)

ECE	Project Lab	<ol style="list-style-type: none"> 1. Universal CPLD FPGA kit 2. Zed board zynq 7000 ARM/FPGA SOC Development Board 3. Logic Controller Interface 4. TXDR Interface 5. Elevator Interface 6. ARM Development Board 7. Raspberry pi 3 kits
ECE	ISL-IoT LAB	<ol style="list-style-type: none"> 1. Dell Computer 2. Dell server 3. Printer HP 4. Weather monitoring Kit
CSE	Operating Systems and Networks Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 32 No's • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 07 No's • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 1 No. • Laser Printer – 1 No • 6 KVA UPS – 2 No's.
CSE	Web Technologies Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 40 No's. • Laser Printer – 2 No. • 6 KVA UPS – 2 Nos.
CSE	Data Structures Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 20 No's. • Acer i5 Processor, 8 GB RAM, 512 GB SSD – 35 No's • IMS server – 1 No. • Laser Printer - 2 No's. • 6 KVA UPS – 2 No's..
CSE	Open source Technologies Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 1TB HDD – 10 No's • Acer Dual Core Processor, 8 GB RAM, 500 GB HDD – 24 Nos. • Acer Dual Core Processor, 8 GB RAM, 1 TB HDD – 02 Nos. • Laser Printer – 2 No's. • 6 KVA UPS – 1 No's.
CSE	Data Base Lab	<ul style="list-style-type: none"> • Dell Power Edge R 740 - Server – 1 Nos. • Dell Power Edge T40 Work Station – 1 Nos. • Acer i5 Processor, 8 GB RAM, 512 GB SSD, 4GB Graphic card – 40 No's • Laser Printer – 1 No. • Umax Astra 4100 Scanner – 1 No's. • 6 KVA UPS – 2 No's.
CSE	Design Tools lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 512 GB SSD, 4GB Graphic card – 35 No's • HCL Dual Core Processor, 4 GB RAM, 500 GB HDD – 04 Nos. • Laser Printer – 2 No's • Epson DS1630 Scanner – 01 No's • 6 KVA UPS – 1 No
CSE	Research and Development Lab	<ul style="list-style-type: none"> • Acer i7 Processor, 16 GB RAM, 2 TB HDD – 2 No's. • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 33 No's. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 1 No's. • Laser Printer – 1 No. • Epson DS1630 Scanner - 1 No • 6 KVA UPS – 2 No's. • 1.1 KVA UPS – 1 No.
CSE & AI&DS	Common Computing Facility – 2	<ul style="list-style-type: none"> • HCL Dual Core Processor, 1 GB RAM, 80 GB HDD – 5 No's. • Wipro Dual Core Processor, 2 GB RAM, 320 GB HDD – 29 No's. • Wipro Dual Core Processor, 4 GB RAM, 320 GB HDD – 3 No's. • Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 19 No's. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD – 20 No's • Acer Dual Core Processor, 4 GB RAM, 500 GB HDD – 8 No's • Laser Printer – 2 No. • 6 KVA UPS – 3 No's

CSE	M.Tech Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 26 Nos. • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 9 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 3 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD– 22 No’s • Laser Printer – 1 No. • 6 KVA UPS – 2 No.
CSE	Deep Learning Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 512 GB SSD - 30 No’s • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 2 No’s
CSE	Machine Learning Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 512 GB SSD - 30 No’s • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 1 No’s
AI&DS	Artificial Intelligence Lab	<ul style="list-style-type: none"> • Acer Veriton M200 Desktop I5 Processor, 8 GB RAM, 512GB SDD – 02 Nos • Acer i5 Processor, 8 GB RAM, 1 TB HDD – 1 No • Acer Veriton M200 Desktop I5 Processor 8GB DDRAM, 512GB SSD – 38Nos. • HP Laser Printer 108W - 1No. • Canon Laser Printer 220-240V -1No. • 6 KVA UPS – 01 No
	Data Science Lab	<ul style="list-style-type: none"> • Acer Dual Core Processor 4GB RAM, 500GB HDD – 01 No • Acer Veriton M200 Desktop I5 Processor, 8 GB RAM, 512GB SDD - 37 Nos. • Canon Laser Printer 220-240V -1No. • 6 KVA UPS – 01 Nos
	Full Stack Application Development Lab	<ul style="list-style-type: none"> • ViewSonic Mini Desktop I5 12th Gen/16GB Ram/512ssd, ViewSonic 21.5” Monitor VA2215-MH-1N, KB & Mouse, 4GB Graphic card – 38 Nos. • 6 KVA UPS – 02 Nos.
	Data Analytics and Visualization Lab	<ul style="list-style-type: none"> • ViewSonic Mini Desktop I5 12th Gen/16GB Ram/512ssd, ViewSonic 21.5” Monitor VA2215-MH-1N, KB & Mouse, 4GB Graphic card – 37Nos. • 6 KVA UPS – 01 No.
IT	Object Oriented System Lab	Acer i5 Processor, 8 GB RAM, 1 TB HDD – 40 Nos
		LCD Projector-01
		Printer - 04
IT	Database Data Warehousing Lab	WEB CAMS – 30 Nos. LOGITECH
		Acer i5 Processor, 8 GB RAM, 1 TB HDD – 33 Nos
		ACER PDC 2.53GHz, 8GB RAM, 500 GB HDD, LED Monitor -06 Nos.
IT	Advanced Programming Lab	HCL PDC 3.0GHz, 4 GB RAM 320 GB HDD, LCD Monitor
		Printer-02
		WEB CAMS – 30 Nos. LOGITECH
		Acer i5 Processor, 2.53 GHz, 8 GB RAM, 1 TB HDD – 15 Nos
		ACER i5 2.53 GHz, 8GB RAM, 512 GB SSD, LED Monitor -10 Nos
		Acer i5 2.53 GHz,8GB RAM, 512 GB SSD, Graphic card, LED Monitor – 35 Nos.

IT	Research & Development Lab	ViewSonic Desktop 12th Generation, 16 GB RAM, 512 SDD, Graphic card, 21.5" Monitor
		IOT Kits-30
		Acer i5 , 4GB RAM,500 GB HDD LCD Monitor – 5 Nos.
		ACER Pentium DUAL CORE 2.7GHz, 500GB HDD, 4GB RAM, 18.5" TFT LED MONITOR – 4 Nos.
		ACER VERITON Intel Dual Core 2.8GHz 4GB RAM 500GB HDD LED Monitor – 10 Nos.
		Acer i5 Processor,2.8GHz, 8 GB RAM, 1 TB HDD – 5 Nos
		Printer-01
		KIOSKs : 02 NO's Hostans Systems HCL i3 2.53 GHz processor, 1TB HDD, 21" Touch screen with Biometric and Bar code scanners.
		Honeywell Scanner 2
		Hamster II FPA NITGEN- 03 NOS
		Zebronix cameras – 02 NO's
		Honeywell Barcode Printer 1
LIEBERT 6KVA - 1		
IT	Data Analytics Lab	Acer i5 Processor, 8 GB RAM , 1TB HDD, LED Monitor - 32
		Acer i5 Processor, 8GB RAM, 512GB SSD, LED Monitor - 8
		Emerson PB 6000-6 KVA - 2
IT	Application Development Lab	Acer i5 Processor, 8 GB RAM, 1TB HDD, LED Monitor - 13
		Acer Dual Core Processor, 4GB RAM, 1TB HDD, LED Monitor - 7
		View Sonic i5 Processor,16 GB RAM,512 GB SSD,LED Monitor - 20
		Vertex Liebert PB600 - 6 KVA - 1
IT	Project Lab	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 6 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 10 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD– 4 No's • Laser Printer – 1 No. • 6 KVA UPS – 2 No.
IT	Programming Lab	<ul style="list-style-type: none"> • ViewSonic Desktop 12th Generation, 16 GB RAM, 512 SDD, 21.5" Monitor – 70 • LIEBERT 6 KVA - 2
CSE(AI &ML)	Artificial Intelligence Lab	<ul style="list-style-type: none"> • Viewsonic- H610, i5 Processor, 12th Gen, 16GB RAM, 512 GB SSD- • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 2 No's
CSE(AI &ML)	Databases Lab	<ul style="list-style-type: none"> • Viewsonic- H610, i5 Processor, 12th Gen, 16GB RAM, 512 GB SSD- • Canon 2900B Laser Printer – 1 No • 6 KVA UPS – 1 No's
IOT	IoT Based Embedded Systems Lab (IBES)	<ol style="list-style-type: none"> 1. a) Blinking of Inbuilt LED on the ESP32 board b) Blinking of an external LED connected to the board. 2. Measurement of Temperature and humidity using DHT11 sensor 3. Reading analog voltage values from potentiometer 4. Movement detection using IR sensor 5. Controlling LED with push button 6. Controlling of an RGB LED using Arduino Uno board 7. To measure the distance with the help of ultra-sonic sensor using Thingspeak cloud and Thingviewer mobile app. 8. Controlling Buzzer via bluetooth mobile APP 9. Write a Program to Interface Servo Motor and do the sweep operation 10. Write a Program to Interface Stepper Motor to rotate in clockwise and anticlockwise Direction 11. Open Ended Experiments 12. Install ESP32 boards package in Arduino IDE and select "DOIT ESP32 Dev" board and Write a "Hello World" program and print in serial Monitor. 13. How to Program / Upload Code to ESP32-CAM AI-Thinker (Arduino IDE)

IOT	Sensors & Actuators Lab (S&A)	<p>Characteristics :</p> <ol style="list-style-type: none"> 1. Resistance Temperature Measurement, 2. Ultrasonic Sensor, 3. Load Cell, 4. PH Sensor Performance, 5. PIR Sensor, 6. Temperature Measurement using Thermocouple. 7. Temperature Measurement Using RTD and Thermistor. 8. Temperature Measurement Using Thermo Couple and IC Temperature Sensor. 9. Characteristics of LDR , Photodiode and phototransistor 10. Speed Measurement using magnetic pick-up and photo-electric pick-up. 11. Displacement Measurement using LVDT.
MBA	IT Lab – Business Management	<p>IT Lab (Spread sheets and SQL)</p> <ul style="list-style-type: none"> • Preparation of Resume in MS Word. • Formatting the text in MS Word. • Extracting data from more than one table. • Graphical Representation of Data in MS-Excel. • Designing a Power Point Presentation by using MS Office. • Creating Tables for Various Relations in SQL. • Implementing the queries in SQL for insertion, updation and deletion of data. • Use of DDL commands for altering tables. • Use of DML commands to make changes in the tables. • Retrieving of Data by Using Select Command. <p>R-Programming Lab</p> <ul style="list-style-type: none"> • Write a script in R to perform basic arithmetic operations and explain the use of data types like • vectors, matrices, and data frames. • Create a data frame to store student information (Name, Age, Marks in three subjects) and • calculate the total and average marks for each student. • Write a program to implement a Quicksort algorithm in R and test it on a numeric vector. • Create a function to calculate the factorial of a number using recursion. • Perform matrix multiplication and solve a system of linear equations using R. • Write a script to simulate the rolling of a die 10,000 times and calculate the probabilities of • each outcome. • Create a scatter plot to visualize the relationship between two variables from a dataset, • Customizing the plot with labels, colours, and legends. • Plot a histogram of a dataset (e.g., iris dataset) and customize its bins, titles, and colours. • Perform a one-sample T-test and an ANOVA on a given dataset. Explain the results and their • implications. • Calculate the correlation matrix of a dataset and visualize it using a heatmap. <p>Tally Lab</p> <ul style="list-style-type: none"> • Creation of Company • Creating ledgers • Voucher Generation • Generating Balance sheet • Contra Entries • Bank to Bank Transactions • Inventory Management • Purchase & Sales Returns • Godowns Management • Multiple price Levels • GST Generation

BS&H	Engineering Physics	<ol style="list-style-type: none"> 1. Determination of radius of curvature of a given Plano-convex lens by Newton's rings. 2. Determination of wavelengths of different spectral lines in mercury spectrum using diffraction grating in normal incidence configuration. 3. Determination of dielectric constant using charging and discharging method. 4. Study the variation of B versus H by magnetizing the magnetic material (B-H curve). 5. Determination of wavelength of Laser light using diffraction grating. 6. Determination of energy gap of a semiconductor using p-n junction diode. 7. Magnetic field along the axis of a current carrying circular coil by Stewart Gee's Method. 8. Determination of Hall voltage and Hall coefficient of a given semiconductor using Hall effect. 9. Determination of temperature coefficients of a thermistor. 10. Determination of rigidity modulus of the material of the given wire using Torsional pendulum. 11. Sonometer: Verification of laws of stretched string. 12. Determination of Frequency of electrically maintained tuning fork by Melde's experiment.
BS&H	Engineering Chemistry	<ol style="list-style-type: none"> 1. Determination of Hardness of a groundwater sample. 2. Estimation of Dissolved Oxygen by Winkler's method 3. Determination of Strength of an acid in Pb-Acid battery 4. Preparation of a polymer (Bakelite) 5. Determination of percentage of Iron in Cement sample by colorimetry 6. Estimation of Calcium in port land Cement 7. Preparation of nanomaterials by precipitation method. 8. Adsorption of acetic acid by charcoal 9. Determination of percentage Moisture content in a coal sample 10. Determination of Viscosity of lubricating oil by Redwood Viscometer 1 11. Determination of Viscosity of lubricating oil by Redwood Viscometer 2 12. Determination of Calorific value of gases by Junker's gas Calorimeter
English	ELCS Lab	<ul style="list-style-type: none"> • Vowels & Consonants • Neutralization & Accent Rules • Communication Skills & JAM • Conversational Practices • E-mail Writing • Resume Writing, Cover Letter & SOP • Group Discussion • Debates • Presentation Skills • Interviews

xi. Innovation Cell: Established

xii. Social Media Cell : Established

• **List of facilities available**

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

xiii. Teaching Learning Process:

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

xiv. For each Post Graduate Courses give the following:

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

<p>M.Tech - Power Electronics & Electric Drives</p>	<p>I Semester Electrical Machine Modeling and Analysis Analysis of Power Electronic Converters Professional Elective – I i. Modern Control Theory ii. Power Quality and Custom Power Devices iii. Programmable Logic Controllers & Applications Professional Elective – II i. Artificial Intelligence Techniques ii. Renewable Energy Technologies iii. Flexible AC Transmission Systems Research Methodology and IPR Power Electronics Simulation Laboratory Power Converters Laboratory Constitution of India (Audit Course) II Semester Switched Mode Power Conversion Power Electronic Control of Electrical Drives Professional Elective – III i. Control and Integration of Renewable Energy Systems ii. Hybrid Electric Vehicles iii. Advanced Digital Control Systems Professional Elective – IV i. Advanced Digital Signal Processing ii. Applications of Power Converters iii. Microcontrollers Electric Drives Simulation Laboratory Electric Drives Laboratory Mini Project with Seminar English for Research paper paper writing (Audit Course) III Semester Professional Elective – V i. Digital Signal Processing Controlled Drives ii. Smart Grid Technologies iii. MOOCs Open Electives i. Sustainable Development ii. Energy Audit, Conservation & Management iii. Rapid prototyping iv. Automotive Electives v. Soft Computing techniques Dissertation Phase - I (to be continued and evaluated next semester) IV Semester Dissertation Phase-II (continued from III semester)</p>	<ul style="list-style-type: none"> • 3 -Φ AC Voltage Controller On Motor Load. A.3 -Φ AC Voltage Controller Firing Unit B.3 -Φ AC Voltage Controller Power Device Circuit 430V/5A C.3-Φ Isolation Transformer 415V/0-220V,415V,1KVA, D.AC Motor 1/2 Hp,3 -Φ, 415V,1500rpm • 3 -Φ Full Converter With R & RL Loads A. Three -Φ Full Converter Firing Unit B. Three -Φ Full Converter Power Device Circuit • 3 -Φ Full Converter With Dc Motor Drive A. Three -Φ Full Converter Firing Unit B. Three -Φ Full Converter Power Device Circuit • C. Three -Φ Isolation Transformer 415/0-220Volts,415V,1KVA , D. DC Motor 1/2 HP,220V,1500rpm • Four Quadrant Chopper Drive Using DC Motor A. Four Quadrant Chopper Device Module B. DC Motor 1HP,220Volts,1500rpm • Single -Φ IGBT Based PWM Inverter On R& RL Loads A.Single -Φ IGBT Based PWM Inverter Module 220Volts/2A B.Dc Power Supply 0-220Volts/2A • 3 -Φ IGBT based PWM Inverter on R & RL load a) 3 -Φ IGBT based PWM Inverter 220V/2A module , b) DC power supply 0-220V/2A • 3 -Φ SCR based inverter drive for AC motor module 220V/2A b) AC motor 1/2HP, 3 -Φ, 230V, 1500rpm • Speed controller of 3 -Φ slipring induction motor by static rotor resistance controller a) static rotor resistance controller, b) 3 -Φ slipring induction motor 440V, 1440rpm. • 3 -Φ PWM pulse generator module • DSP Based V/F Control of Induction motor • 30Mhz Oscilloscope, with Colour LCD • PIC Micro-Controller using SCR`s • DSO 50HZ Dual Channel, Scientech 401 • DSO 50HZ Dual Channel, Scientech 401
<p>M.Tech - Machine Design</p>	<p>I-SEM 1. Computational Methods in Egnineering 2. Advanced Mechanics of Solids 3. Analysis and Synthesis of Mechanisms 4. Mechancial Vibrations 5. Gear Engineering 6. Professional Elective – I 7. Machine Dynaics Lab II-SEM 1. Research Methodologies 2. Finite Element Methods 3. Design with Advacned Materials 4. Design for Manufacturing and Assembly 5. Professional Elective – II 6. Professional Elective – III 7. Modeling and Analysis Lab 8. Seminar</p>	<p>Modeling and Analysis Lab</p>

<p>M.Tech - Machine Design</p>	<p>Professional Elective – I 1. Rotor Dynamics 2. Experimental Stress Analysis 3. Product Design Professional Elective - II 1. Fracture Mechanics 2. Condition Monitoring 3. Rapid Tooling and Prototyping Professional Elective - III 1. Theory of Elasticity 2. Geometric Modeling 3. Tribology III-SEM 1. Term Paper 2. Dissertation (Initiated in third semester) IV-SEM 1. Dissertation (Carried out in third & Fourth Semester)</p>	<p>Modeling and Analysis Lab</p>
<p>M.Tech – VLSI Design and Embedded Systems</p>	<p><u>I Semester</u> CMOS VLSI Design Advanced Microcontrollers Professional Elective – I: i) Testing and Testability of VLSI circuits ii) Advanced Digital Design iii) Digital Signal and Image Processing Professional Elective – II: i) VLSI Signal Processing ii) System Design with Embedded Linux iii) Parallel Processing CMOS VLSI Design Lab Advanced Microcontrollers Lab Research Methodology and IPR Audit Course – I: Constitution of India <u>II Semester</u> VLSI System Design Embedded System based IoT Professional Elective – III: i) Advances in VLSI Design ii) Embedded Computing Architectures iii) System-on-Chip Design Professional Elective – IV: i) VLSI Interconnects ii) Communication Buses & Interfaces iii) Advanced Digital Signal Processing VLSI System Design Lab Embedded System based Lab Mini Project with Seminar Audit Course – II: English for Research Paper Writing <u>III Semester</u> Professional Elective – V: i) Low power VLSI Design ii) Network security and Cryptography iii) MOOCs-I Open Elective: i) Sustainable Development ii) Energy Audit, Conservation & Management iii) Rapid Prototyping iv) Automotive Electronics v) Soft Computing Techniques vi) MOOCs-II Dissertation Phase-I <u>IV Semester</u> Dissertation Phase-II</p>	<p>Microwind 3.9 Package, ZED Board - Zynq ARM/FPGA, ARM Development Board, Simulink, Xilinx VIVADO, thing speak, Raspberry Pi board, Acer Desktop Computers</p>

<p>M.Tech – CSE(AI & ML)</p>	<p style="text-align: center;">I Semester</p> <p>Research Methodologies and IPR Advanced Data Structures and Algorithm Analysis Data Science Professional Elective – I I. Digital Image Processing II. Ad hoc and Sensor Networks III. Intelligent Systems Professional Elective – II I. Internet of Things II. Principles of Computer Security III. Distributed Systems Advanced Data Structures and Algorithm Analysis Lab Data Science Lab Constitution of India</p> <p style="text-align: center;">II Semester</p> <p>MEAN Stack Technologies Machine Learning Professional Elective – III I. Blockchain Technology II. Data Preparation and Analysis III. Natural Language Processing Professional Elective – IV I. Cloud Computing II. Quantum Computing III. Digital Forensics MEAN Stack Technologies Lab Machine Learning using Python Lab Mini Project with Seminar English for Research Paper Writing</p> <p style="text-align: center;">III Semester</p> <p>Professional Elective – V I. Deep Learning II. Recommender Systems MOOCs-1 (NPTEL/SWAYAM) 12 Week Program related to the program which is not listed in the course structure Open Elective- I I. Courses Offered by Other Departments II. MOOCs-2 (NPTEL/SWAYAM) Any 12 Week Course on Engineering/ Management/ Mathematics offered by other than parent department Dissertation Phase-I (Initiated in third Semester)</p> <p style="text-align: center;">IV Semester</p> <p>Dissertation Phase-II (Carried out in third & fourth semesters)</p>	<ul style="list-style-type: none"> • Acer i5 Processor, 8 GB RAM, 500 GB HDD – 26 Nos. • Acer Dual Core Processor, 4 GB RAM, 1 TB HDD – 9 Nos. • Acer Dual Core Processor, 4 GB RAM, 500 HDD – 3 Nos. • HCL Dual Core Processor, 2 GB RAM, 320 GB HDD– 22 No's • Laser Printer – 1 No. • 6 KVA UPS – 2 No.
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MBA	<p>I Semester</p> <ul style="list-style-type: none"> • Management and Organizational Behavior • Managerial Economics • Accounting for Management • Quantitative Analysis for Business Decisions • Entrepreneurship Development • Business Environment and Legislation • IPR& Patents • PACE-UP (Personality Assessment Centre, Enhancement and Up gradation Processes) Programme • Tally Lab • Entrepreneur Project -I (Identifying the area of interest, Interacting with successful business And submission of ground report). <p>II Semester</p> <ul style="list-style-type: none"> • Financial Management • Human Resource Management • Operations Management • Marketing Management • Research Methods for Business Decisions • Business Analytics • Cross Cultural management • R-Programming Lab • IT Lab (Spread sheets and SQL) • Entrepreneur Project–II (Study on different loan approaches of State and Central Govt. Prepare the Business Development plan.) <p>III Semester</p> <ul style="list-style-type: none"> • Business Policy & Strategic Management • Logistics & Supply Chain Management • Retail Management • Business Ethics & Corporate Governance • Advertising & Brand Management • Consumer Behaviour • Security Analysis & Portfolio Mgt. • International Financial Management • Human Resources Analytics • Industrial Relations and Labour Laws <p>IV Semester</p> <ul style="list-style-type: none"> • Entrepreneurship & Project Management • Management of Retail Operations • Marketing of Services • Sales & Distribution Management • Financial Derivatives • Financial Institutions and Services • Compensation Management • Management of Change and Development 	<p>Dual Core Systems – 30 Nos. 6 KVA UPS –1 Nos.</p>
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18.16 Enrollment of students in the last 3 years

Program	2024-25 Enrolment	Placement details	2023-24 Enrolment	Placement details	2022-23 Enrolment	Placement details
UG – B.Tech	1415	448	1454	634	1267	714
PG – M.Tech	10	-	10	-	1	-
PG - MBA	65	37	65	40	66	65

18.17 List of Research Projects/ Consultancy Works

List of Research Projects

Branch	List of Publications 2024-25
CE	<ol style="list-style-type: none"> 1. C. Rajamallu, Durga Chaitanya Kumar Jagarapu, M. Karthik Kumar, Arunchaitanya Sambangi, S. Sai Charan, Chiranjeevi Rahul Rollakanti and Shalin Prince. 2024. Investigation of Self-Compacting Concrete Utilizing Different Supplementary Pozzolanic Materials for Cement Replacement. <i>ARNP Journal of Engineering and Applied Sciences</i>, vol. 19, issue no. 13, pp. S148-S160. 2. Likhitha Gurrum, Durga Chaitanya Kumar Jagarapu, Arunchaitanya Sambangi, Chiranjeevi Rahul Rollakanti, Shalin Princ and B. Sarath Chandra Kumar. 2024. Experimental Study on Mechanical and Durability Properties of Concrete Using Mineral Admixtures”, <i>Journal of Polymer & Composites</i>, vol.12, issue no.5, pp. 1-13. 3. M. Lalitha Pallavi, Subhashish Dey, Ganugula Taraka Naga Veerendra, Siva Shanmukha Anjaneya Babu Padavala and Akula Venkata Phani Manoj. 2024. Optimizing the bituminous pavement constructions with waste plastic materials improved the road constructions performance and their future applications”, <i>AI in Civil Engineering</i> vol. 3, issue no. 16, pp. 1-33. 4. Subhashish Dey, G.T.N. Veerendra, A.V. Phani Manoj, Siva Shanmukha Anjaneya Babu Padavala and A.H.L. Swaroop 2024. “Development and applications of different types of green biosorbents for eliminations of hardness from water: A review on treatment, kinetics mechanism and future scope”, <i>Advances in Biomarker Sciences and Technology</i>. vol. 6, issue no. 2, pp. 265-299. 5. Subhashish Dey, G.T.N. Veerendra, A.V. Phani Manoj, Siva Shanmukha Anjaneya Babu Padavala and A.H.L. Swaroop 2024. “Synthesize and applications of green custard apples leaves biosorbents for adsorptions of sulphates and fluorides from water”, <i>Environmental Surfaces and Interfaces</i>. vol. 3, issue no. 1, pp. 1-23. 6. Subhashish Dey, G.T.N. Veerendra and Obulasetti Aparna, 2024. A systematic analysis of retrofitting tools in the residential buildings to improve the energy performances by using the STAAD Pro Software. <i>Innovative Infrastructure Solutions</i> 8, 221-230. 7. Siva Shanmukha Anjaneya Babu Padavala, Venkata Ramesh Kode and Subhashish Dey. 2024. Bond strength of fly ash and silica fume blended concrete mixes. <i>Asian Journal of Civil Engineering</i> 23(2), 1-15. 8. Siva Shanmukha Anjaneya Babu Padavala, Subhashish Dey, G.T.N. Veerendra, and A.V. Phani Manoj. 2024. Performance evaluation of ternary blended cement concrete partially replacement of natural sand with granite quarry dust. <i>Hybrid Advances</i> 4, 100082. 9. G. Reddy Babu 2024. Fluoride removal in groundwater by ordinary Port land cement blocks. <i>Journal of Technology</i> 12(1), 94-105.
EEE	<ul style="list-style-type: none"> • Gunapriya, B.Santosh Kumar,B. Rajalakshmi,Dr.A. Amarendra. “Performance Enhancement of EV Charging Stations and Distribution System: A GJO–APCNN Technique.” <i>Electrical Engineering</i>, vol. 107, no. 1, Jan. 2025, pp. 883–97. <i>DOI.org (Crossref)</i>, https://doi.org/10.1007/s00202-024-02531-4. (SCIE) • Vijay, P. Y., & Siva Kumar . M. "Performance analysis of power system dynamics with facts controllers: Optimal placement and impact of SSSC and STATCOM". <i>I-manager’s Journal on Electrical Engineering</i>, 17(4), 11. https://doi.org/10.26634/jee.17.4.21138 • Alluri, A., Gampa, S. R., Gutta, B., Basam, M. B., Jasthi, K., Roy, N. B., & Das, D. “ Multi-Objective Optimization Algorithm Based Bidirectional Long Short Term Memory Network Model for Optimum Sizing of Distributed Generators and Shunt Capacitors for Distribution Systems”. <i>Inventions</i>, 9(6), 114. https://doi.org/10.3390/inventions9060114.(SCOPUS) • Yadaraju, V. P., & Siva Kumar. M,”Advanced AC-DC power flow analysis: evaluating the impact of control parameters on system performance”. <i>Microsystem Technologies</i>.https://doi.org/10.1007/s00542-024-05775-z.(SCIE)

ME	<ul style="list-style-type: none"> • Dittakavi Tarun, K. Syam Sundar "Investigation of the Mechanical Behavior of Epoxy Composites Filled with Bagasse Ash and Pistachio Shell Ash: A Comparative Study" Applied Engineering Letters (Article in Press): (Scopus) • Dr. G PrabhakaraRao "Optimization of spark plasma sintered parameters of Al-SiC-kaolin hybrid composite using Taguchi-grey relational analysis" Bulletin of Materials Science (2025) 1-13 (SCIE). • K. Krishna Kishore "Preparation and Characterization of Al-Cu Composite by Using Stir Casting Technique" International Journal of Scientific Research & Engineering Trends (2025) 674-677. • G. Naga mallikarjuna Rao, T. Siva Krishna, S. B. K. Reddy, G.V. Jagadeesh "Evaluating The Durability Of Flax -Sisal Hybrid Epoxy Composites Under Mechanical And Moisture Loading" Journal of Advancements in Material Engineering (2025) 25-35. • M Karamchand, P Satyanarayana, G Ratna Kumar, G Moshe Babu "Investigation of Mechanical Properties of Flax-Based Hybrid Epoxy Composites" International Journal Of Research In Aeronautical And Mechanical Engineering (2025) 18-31. • M.D.V.Vara Prasad, D. Tarun, Ch. Venkatakrishna, B.Nagaraju" Evaluation of Mechanical and Water Absorption Properties of Flax/Sun Hemp Reinforced Hybrid Epoxy Composites with Variation of Fiber Content" International Journal Of Research In Aeronautical And Mechanical Engineering (2025) 32-350. • Nagaraju Tenali, K. Rama Kanth, Rajesh Angirekula "An Investigation on the Influence of 'SiC-Particulates Reinforcement' On the Mechanical Behaviour of Al 6061/SiC Composites" Journal of Advancements in Material Engineering (2025) 1-13. • B. V. S. Raghu Vamsi, Dr.M R. Ch. Sastry "Experimental and numerical study of fluid flow and heat transfer in the impinging of inline round jets" Journal of Thermal Engineering (2025) 270-289. • Dr. G Prabhakara Rao "Enhanced Thrust Performance of QuadcopterToroidal Propellers: A Computational Fluid Dynamics Analysis" International Journal Of Research In Aeronautical and Mechanical Engineering (2024) 36-46. • Nagaraju Tenali1, Dr.P Ravindra Babu " Taguchi-based grey relational analysis for multi-response optimization of the characteristics of HRAMMCs reinforced with agrowasteand SiC produced by ultrasonic-assisted bottom pour two stage stir casting" Material Research Express (2024) (SCIE 1.8) • B. V. S. Raghu Vamsi, Dr.M R. Ch. Sastry "Estimation of Temperature in a Computer Mother Board with Discrete Heat Sources by Numerical Analysis" International Journal of Engineering in Computer Science (2024) 179-186. • Premdasu Nalluri "Production of liquid hydrocarbon fuels through catalytic cracking of high and low-density polyethylene medical wastes using fly ash as a catalyst" Process Safety and Environmental Protection (2024) 459-470 (SCIE 7.8) • Nagaraju Tenali1, Dr.P Ravindra Babu "A study on the effects of hybrid (SiC- PSSA) nano sized reinforcement on mechanical and tribologicalbehaviour of Al alloybased metal matrix composite produced by ultrasonic assisted stir casting" Material Research Express (2024) 075010 (SCIE 1.8) • Satyanarayana P., D Tarun, M Ujwal Teja "Design and Analysis of Titanium Alloy Turbine Blade Using ANSYS" International Journal of Research In Aeronautical and Mechanical Engineering (2024) 53-56. • A. Rajesh, Dr P. Ravindra Babu, Dr K. Ch. Kishor Kumar "Comprehensive Review on the AA356 Composite: Mechanical Properties, Fatigue, Wear, andPhysical and Chemical Properties" International Journal of Innovative Science and Research Technology (2024) 692-695. • S.B.K.Reddy, M.D.V.Vara Prasad, Dr L.Ramesh "Modal analysis of composite plate by using ANSYS" International Journal of Research In Aeronautical and Mechanical Engineering (2024) 1-11. • K. Ch. Kishore Kumar "Determination of Mechanical Properties of Al4032 with Reinforcement SiC Fabricated through Stir Casting" International Journal of Latest Engineering Science (2024) 1-8.
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ECE	<p><u>JOURNALS:</u></p> <ul style="list-style-type: none"> • Vijay, Eate Vargil et al., "Spectrum sensing using deep learning for proficient data transmission in wireless sensor networks for wireless communication" <i>Ain Shams Engineering Journal</i>, Volume 15, Issue 7, Page 1-10, July 2024. https://doi.org/10.1016/j.asej.2024.102784. [SCIE] • S.K. Mastan Sharif, Rajasekhar Butta, Dhulipalla Venkata Rao, G.L.N. Murthy, N. Manikanda Devarajan, "Improved LSTM - Squeeze Net Architecture for brain activity detection using EEG with improved feature set", <i>Biomedical Signal Processing and Control</i>, Elsevier, Volume 101, 2025, 107222, ISSN: 1746-8094 DOI:https://doi.org/10.1016/j.bspc.2024.107222, https://www.sciencedirect.com/science/article/pii/S1746809424012801. [SCIE] • Devi, K.N., Hariprasad, S., Natarajan, R., S. Ravi et al. Investigating the Impact of Fe-Doped GaN and β-Ga₂O₃ Buffer Layers on a Laterally Scaled AlN/GaN HEMT Using Silicon Carbide Substrate for Next-Generation RF Electronics. <i>J. Electron. Mater.</i> (2024). https://doi.org/10.1007/s11664-024-11672-y [SCIE] • Penta Anil Kumar, Gunasundari R. A lightweight adaptive spatial channel attention efficient net B3 based generative adversarial network approach for MR image reconstruction from undersampled data. <i>Magn Reson Imaging</i>. Published online December 11, 2024. doi:10.1016/j.mri.2024.110281 [SCIE] • Vijay, E. Vargil et al., LSTM-BIGRU based Spectrum Sensing for Cognitive Radio, <i>EAI Endorsed Transactions on Internet of Things</i>, Volume 10, Page 1-7, August 2024. https://doi.org/10.4108/eetiot.7041. [Scopus] • Vijay, E. Vargil et al., Deep learning-CT based spectrum sensing for cognitive radio for proficient data transmission in wireless sensor networks-Prime-Advances in Electrical Engineering, Electronics and Energy, Volume 9, page 1-9, September 2024.https://doi.org/10.1016/j.prime.2024.100659. [Scopus] • Ramya Palli, "Optimization of Energy Efficiency in Multi-Channel Co-Operative Spectrum Sensing in Cognitive Radio Networks, Telecommunications and Radio Engineering", Volume 83, Issue 11, page 29-38, 2024. DOI: 10.1615/TelecomRadEng.2024050154. [Scopus] • Lakshmi, T. V., and Kamaraju, M., A Novel Single Ended 3T SRAM Cell using FinFET Technology for Low Power Applications, <i>I-manager's Journal on Electronics Engineering</i>, Volume 14, Issue 4, Page 25- 34, 2024. https://doi.org/10.26634/jele.14.4.20911. [Others] • Dr. B. Vamsi Krishna, Dr. T. Ananda Babu, "Speckle Noise Reduction In Sar Images Using Amodds Optimization With Multidimensional Transforms", <i>The International journal of analytical and experimental modal analysis</i>, Volume XVI, Issue 09, September /2024,ISSN NO: 0886-9367. DOI:18.0002.IJAEMA.2024.V16I9.200001.0156859717907643. .[Others] <p><u>CONFERENCES:</u></p> <ul style="list-style-type: none"> • Dr. Ch. Rambabu, Y. Mamillu, Dr. B. Vamsy Krishna, Dr. T. Ananda Babu, "Enhancing Uterine Monitoring: Feature Selection and Classification Methods for Labor Assessment using Magnetomyography Signals", <i>International Conference on Applied Artificial Intelligence and Machine learning</i>, Vignan Institute of Science and Technology, Hyderabad from 30-31 Aug 2024. • R. Natarajan, S. Ramalingam, M. A. Amarnath, P. T. Selvi, B. S and S. Ravi, "An Efficient Sparrow Search Algorithm based Clustering and Energy Efficient Opportunistic Routing Protocol (EEOR) for Wireless Sensor Network," 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC), Davangere, India, 2024, pp. 1-7, doi: 10.1109/ICICEC62498.2024.10808501. • V.Murali Krishna, "EMG Signal Processing using DWT for Neuromuscular Disorder detection", 6 th International Conference on "Smart Modernistic in Electronics and Communication" St. Martin's Engineering College UGC Autonomous Dhulapally, Secunderabad-500100 Telangana, India on 17 & 18 December 2024. <p><u>BOOKS:</u></p> <ul style="list-style-type: none"> • Mr. A. Mallaiah published a book titled "I Am With 'C': Problem Solving Through Programming in C", Format: Kindle Edition with ASIN:BOOKSX7QW1 ON 23-10- 2024. • Nanduri Sambamurthy, "Python Programming for Real Time Applications", ITERATIVE INTERNATIONAL PUBLISHERS, 29 October 2023,ISBN-13: 978- 9357479646, ISBN-10: 9357479643.
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<p style="text-align: center;">IT</p>	<ol style="list-style-type: none"> 1. Raghuram Chowdary Vevela, "Leveraging Pupillometry for Automated Detection of Pediatric Genetic Disorders", Journal of Knowledge in Data Science and Information Management, e-ISSN: 3048-6602, Vol.1, Issue 3 (September – December, 2024) pp.(25-35) 2. Raghuram Chowdary Vevela, V.Veda Samhitha "Enhanced Diabetes Risk Prediction through Machine Learning Techniques", Journal of Intelligent Data Analysis and Computational Statistics, Vol.1, Issue 3 (September – December, 2024) pp.(1-8) 3. Raghuram Chowdary Vevela, V.Veda Samhitha "Harnessing Machine Learning for Proactive Cyber Attack Detection in Network Security", Journal of Security in Computer Networks and Distributed Systems, Vol.1, Issue 2 (May – August, 2024) pp.(28-32) 4. Raghuram Chowdary Vevela, "A Robust Machine Learning Model for Predicting Hepatitis Types in Multi-Class Setting", Journal of Data Engineering and Knowledge Discovery, e-ISSN: 3048-9237, Vol.1, Issue 3 (September – December, 2024) pp.(22-29) 5. Raghuram Chowdary Vevela, "AI-Driven Cartoonization: Transforming Images into Animated Sequences Using Machine Learning", Journal of Big Data Technology and Business Analytics, e-ISSN: 2583-7834, Vol. 3, Issue 3 (September – December, 2024) pp: (36-43) 6. Raghuram Chowdary Vevela, V.Veda Samhitha "Precision in Chromosome Karyotyping: An Automated Detection System", Journal of Innovations in Data Science and Big Data Management, e-ISSN: 2583-9845, Vol. 3, Issue 3 (September – December, 2024) pp: (18-28) 7. Raghuram Chowdary Vevela, "An In-Depth Analysis of Machine Learning Algorithms for Disease Detection and Classification", Journal of Data Mining and Management, e-ISSN: 2456-9437, Vol. 9, Issue 3 (September – December, 2024) pp: (22-28) 8. Raghuram Chowdary Vevela, "Smart Mobility Solutions: Developing a Hand Gesture-based Wheelchair with Multi-Modal Control", Journal of Information Technology and Sciences, e-ISSN: 2581-849X, Vol. 10, Issue 3 (September – December, 2024) pp: (21-29) 9. Raghuram Chowdary Vevela, "Navigating Security Models and Emerging Cyber Security Threats: An InDepth Exploration", Journal of Information Security System and Cyber Criminology Research, Vol. 1, Issue 2 (May – August, 2024) pp: (30-36) 10. Raghuram Chowdary Vevela, G.Tejaswini "Supervised Machine Learning Algorithms for Vehicles Reliability Performance", International Journal of Computer Science Trends and Technology (IJCT), Volume 11 Issue 2, Mar-Apr 2023 11. Raghuram Chowdary Vevela, V.Veda Samhitha "The Role of Big Data in Transforming Modern Healthcare", Journal of Big Data Analytics and Business Intelligence, Vol. 1, Issue 2 (May – August, 2024) pp: (31-36). 12. Raghuram Chowdary Vevela, "Securing Networks: Machine Learning Models for Cyber Attack Identification", Journal of Cryptography and Network Security, Design and Codes, e-ISSN: 3048-6386, Vol. 1, Issue 3 (September – December, 2024) pp: (37-43).

IOT	<ul style="list-style-type: none"> ➤ Dr. Y. Syamala: “AgriTech Revolution: The Integration of IoT in Modern Farming Solutions” 5th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS – 2024) 17-18 Dec 2024. ➤ Dr. B.R.B.Jaswanth: “AgriTech Revolution: The Integration of IoT in Modern Farming Solutions” 5th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS – 2024). ➤ Mr. Shaik Bajivali: Advance Surveillance Drone “The Sky-Watcher”, Dept of ECE PVPSIT & IEI, ISBN No:978-81-981949-7-8, One-Day Seminar on Technology Advances in Smart System Development (OSTASSD-2024) 16th November 2024. ➤ Mr. Shaik Bajivali: “VET-CONNECT”, Dept of ECE PVPSIT & IEI, ISBN No:978-81-981949-7-8, One-Day Seminar on Technology Advances in Smart System Development (OSTASSD-2024) 16th November 2024.
➤ CSE(AI & ML)	<ul style="list-style-type: none"> ➤ Dr.Sk.Salma Begum has published a research paper titled “<i>Fortifying Email Security: A Machine Learning Approach</i>” in Grenze International Journal of Engineering and Technology (Scopus-Conference) on July 2024. ➤ Dr.Sk.Salma Begum, Dr. Adilakshmi Yannam, B.Sunny, D.Vyshnavi Satya, G. Keerthi Nagamani, and K.V.V.S.M. Manoj Kumar has published a research paper titled “<i>Automated Subtype Classification of lung Cancer through CNNs and Histopathological Images</i>” in Grenze International Journal of Engineering and Technology (Scopus-Conference) on January 2025. ➤ Dr. Adilakshmi Yannam ,Dr.Sk.Salma Begum, Md. Ezaz Ahmed, Sayyed Rehana , P. Mahendra Babu , and P. Raguardhan Reddy has published a research paper titled “<i>Comparative Analysis of Deep learning Models for Solar Flare Prediction in SpaceWeather Forecasting</i>” in Grenze International Journal of Engineering and Technology (Scopus-Conference) on January 2025. ➤ Dr. Adilakshmi Yannam, Dr.Sk.Salma Begum, B.Pavani,Ch.Sri Vidhya ,K. Harshitha, and M.Naveen Sai Kumar has published a research paper titled “<i>Enhanced Detection of Dermatological Disorders via Machine Learning Algorithms</i> ” in Grenze International Journal of Engineering and Technology (Scopus-Conference) on January 2025. ➤ Dr.Sk.Salma Begum, Dr. Adilakshmi Yannam, B J Anjana Adi Sathvik, Ms.J.Tulasi, K. Doondi Subhash, and V.Vigneswara Rao has published a research paper titled “<i>Echoes of Gender: Unveiling Voice Identity with Neural Networks</i>” in Grenze International Journal of Engineering and Technology (Scopus-Conference) on January 2025.
MBA	<ul style="list-style-type: none"> ➤ Mr M Vinod, Exploring the influence of Demographics on online shopping trends in Andhra Pradesh: Library Progress International, Vol.44,No.3,2024. ➤ Dr T Hemanth Kumar, Dr G Kamal, Dr Y V Naga Kumari, Exploring AI-Driven Management: Impact on Organizational Performance, Decision Making, Efficiency, and Employee Engagement: Journal of Advanced Research in Applied Sciences and Engineering Technology, 52(2), 148-163. (Scopus Indexed). ➤ Dr Y V Naga Kumari, Stress Management: Strategies and Approaches for Enhancing Well-Being: International Journal of Creative Research Thoughts, Volume 12, Issue 7, July, 2024 with eISSN2320-2882.

Research Projects

	Name of the Faculty	Title of the Project	Application Number	Status	Sanction date
ME	1. Mr. G Ratna Kumar 2. Dr. A. JawaharBabu 3. Mr. T. Nagaraju 4. Mr. D. Tarun 5. Mr. K. Krishna Kishore 6. Dr. G V Jagadeesh	A Novel Method for Developing High Performance Pneumatic Arm Hammer	202541003030	Published	31 January, 2025
	1. Dr. N. Premdasu 2. Dr. M.R.Ch. Sastry 3. Dr. G. PrabhakaraRao 4. Mr. T. Siva Krishna 5. Mr. A. Rajesh 6. Dr. G V Jagadeesh	Sustainable Co-Pyrolysis Process For Converting Plasticwaste And Wood Biomass Into Energy Products	202441101563	Published	10 January, 2025
	1. Dr. L. Ramesh 2. Dr. P. RavindraBabu 3. Dr. K.Ch. Kishor Kumar 4. Mr. D. Kiran Prasad 5. Dr. G.V. Jagadeesh	Design and Fabrication of Bluetooth-Controlled Robotic Arm for Automated Food Handling	202441101598	Published	03 January, 2025
	1) Dr. G V Jagadeesh. 2) Dr. G PrabhakaraRao 3) A. Rajesh	An Automotive Alloy Wheel Rim	428198-001	Granted	04 November, 2024
	1) Dr. G V Jagadeesh 2) Dr. G. Karuna Kumar 3) B.V.S. Raghu Vamsi 4) Dr. N. Premdasu	Air Cooled Mobile Stand	428201-001	Granted	04 November, 2024
	1) Dr. G V Jagadeesh 2) Dr. T.NarasimhaSuri 3) S.B. Karimulla Reddy	Self-Lubrication Spur Gear	428200-001	Granted	15 October, 2024
	1) Dr. G.V. Jagadeesh 2) Dr.M.R.Ch.Sastry	Mobile Device With Camera	400460-001	Granted	05 August, 2024
	Dr. G.V. Jagadeesh	Bicycle	415475-001	Granted	05 August, 2024
	Dr. G.V. Jagadeesh	Industrial Robot With Gripper Resembling Human Hand	415473-001	Granted	11 July, 2024

Consultancy Works 2024-25

Consultancy Works	No.	Amount
CE	27	140900.00
ME	9	41950.00

18.18 MoUs with Industries

Branch	Details
CE	<ul style="list-style-type: none"> ➤ National Highway Authority of India (NHAI), Vijayawada ➤ Skill Dzire Technologies Private Limited, Hyderabad ➤ SV Associates, Vijayawada
EEE	<ul style="list-style-type: none"> ➤ National Institute of Technology, Warangal ➤ National Institute of Technical Teachers Training and Research (NITTTR), Chennai ➤ Vihaan Electrix, Visakhapatnam ➤ Cellerite Systems Pvt Ltd.Hyderabad ➤ HITECH AUTOMATION, Vijayawada ➤ Voltino Systems LLP, 3-13-112/A, Srinivasapuram, Ramanathapura, Hyderabad-500013
ME	<ul style="list-style-type: none"> ➤ Vidal Internatinal, Hyderabad: Training the students in the field of Non-Destructive Testing by providing Internship, Industrial visits, Guest Lectures and Placement Drive. ➤ Vihaan Electrix, Visakhapatnam: The budding graduates from the institutions could play a key role in technologicel upgradation innovation and competitiveness of an Industry. ➤ Indwell Automatin, Mangalore, India: For Pooling and sharing their expertise and skills for constant development and up gradation of technology in the fileds of PLC Applicatin, Instrumentation and Measurements, Industry Automation, ect. ➤ Falcon IT Training & Educational Services LLP, Chennai: To organize certification Programms focused on technical value-addition training in emerging and advanced domains ➤ Indo-European Skilling Centre for Mechatronics and Industrial Robotics: to train the students in the fields of Mechatronics & Industrial Robotics
ECE	<ul style="list-style-type: none"> ➤ Efftronic Systems Pvt. Ltd., Vijayawada. ➤ Microlink Peripherals Controls Pvt. Ltd., Vijayawada. ➤ Sri Shasha Prayathi Technologies Pvt. Ltd., NITK, Mangalore ➤ BIST Technologies Private Limited, Vijayawada ➤ BSNL, Vijayawada Telecom District ➤ AI Medical and Engineering Researchers (AIMER) Society, Vijayawada
CSE	<ul style="list-style-type: none"> ➤ Codegnan IT Solutions Private Limited ➤ BIST Technologies Private Limited ➤ Bit Labs ➤ Juniper Networks Cloud and Automation Academy ➤ Andhra Pradesh State Skill Development Corporation ➤ ICT Academy
IT	<ul style="list-style-type: none"> ➤ ICT Academy ➤ Andhra Pradesh State Skill Development Corporation (APSSDC) ➤ SmartBridge Educational Services Pvt. Ltd., Hyderabad ➤ National Institute of Technology(NIT), Warangal ➤ Indian Servers-A Premier Software Development Company, Vijayawada ➤ EduSkills Foudation (“EduSkills”) ➤ Brainovision Solution Pvt. Ltd., Hyderabad ➤ BitLabs (Tekworks Enterprise Solutions Private Limited), Vijayawada ➤ National Institute of Technical Teachers Training and Research (NITTTR), Chennai ➤ ACIC-KL Startups Foundation ➤ Artificial Intelligence Medical & Engineering Researchers Society (AIMERS), Vijayawada ➤ BIST technologies Private Limited, Vijayawada ➤ Codegnan IT Solutions Private Limited, Vijayawada
AI&DS	<ul style="list-style-type: none"> ➤ BIST Technologies Private Limited, Vijayawada ➤ Codegnan IT Solutions Private Limited, Vijayawada.
IOT	<ul style="list-style-type: none"> ➤ MOU with ABTechVille LLP., Hyderabad. ➤ MOU with BIST Technologies Private Limited, Vijayawada
CSE(AI & ML)	<ul style="list-style-type: none"> ➤ BIST Technologies Private Limited, Vijayawada ➤ Codegnan IT Solutions Private Limited, Vijayawada.
MBA	<ul style="list-style-type: none"> ➤ Sampadha Research and Financial Consultants



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory Body of the Government of A.P.)
3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road
Atmakur(V), Mangalagiri(M), Guntur District, Andhra Pradesh
Web: www.apsche.org. Email: specialofficerapsche@gmail.com

PROCEEDINGS OF THE CHAIRMAN (i/c), A.P STATE COUNCIL OF HIGHER EDUCATION, GUNTUR

Procs.No. APSCHE/APEAPCET-2024/CAT-B/Approval/GDLV/JNTUK Dt :14-10-2024

Sub: APSCHE - APEAPCET-MPC- 2024. Engineering course Admissions under 30% Management Quota (Category B) in Engineering Colleges- Approval / Ratification of admissions – Proceedings issued - reg.

Ref:

1. G.O.Ms.No 74, HE (EC-2) Department Dt: 28.07.2011.
2. G.O.Ms. No 75, HE (EC-2) Dated: 28.07.2011
3. G.O.Ms.No 66, HE (EC-2) Dated: 03.09.2012
4. G.O.Ms.No 42, HE (EC-A2) Dated: 05.08.2014
5. G.O.Ms.No 20, HE (EC) Dated: 20.04.2021
6. G.O.Ms.No 32, HE (EC-2) Dated: 27.08.2022
7. Admission details uploaded by the institution as per guidelines in the web portal

ORDER:-

Based on the uploaded information of candidates admitted in SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE [GDLV], KRI under 30% management quota in the portal <https://cets.apsche.ap.gov.in> and on prima facie the scrutiny of the copies of the supporting documents uploaded, the Competent Authority and Chairman, APSCHE hereby accord provisional approval/ratification of the admissions made in the institution as per the rules in force for the year 2024-25. The provisional approval now granted is subject to (i) verification of the original certificates/documents of the students by the affiliating university concerned (ii) withdrawal of the said approval/ratification of all the students or part thereof, if any irregularities are noticed at a later date and (iii) the institution undertakes the responsibility for such irregularities.

Approved List

S.NO	HT.NO	RANK	CANDIDATE NAME	GENDER	CASTE	REGION	% MARKS	BRANCH	STATE
1	498095187067	NQ	ABDUL PARVEZ BASHEER	M	BCE	AU	56.30	AID	AP
2	642499900069	105405	ABDUL SATTHAR	M	BCE	AU	72.00	AID	AP
3	379794292588	NQ	ADAPA GUNA PAVAN	M	OC	AU	68.50	AID	AP
4	424859012826	83823	AFIYA KHAN	F	OC	AU	95.00	AID	AP
5	768607936912	NQ	APPINEDI SARATH KUMAR	M	OC	AU	98.33	AID	AP
6	356243186421	NQ	ATTALURI NAGA VENKATA SAI GOKUL	M	OC	AU	96.16	AID	AP
7	766889823500	121730	BATCHU BHANU TEJA	M	OC	AU	68.83	AID	AP
8	643670455020	NQ	BATHULA SAI	M	OC	AU	79.83	AID	AP
9	364863605467	87763	BATTULA MOHAN SAI NAGENDRA	M	OC	AU	89.67	AID	AP
10	802834003967	NQ	BOLEM JOHITH SAI	M	BCB	AU	78.83	AID	AP
11	862859645729	115954	BUGGINENI NAGA KISHORE	M	OC	AU	78.33	AID	AP
12	469385595298	NQ	BURRA CHANDRASEKHAR	M	OC	AU	64.17	AID	AP
13	394564068373	NQ	CHANDANA MOHAN ESWAR KUMAR	M	OC	AU	58.66	AID	AP
14	246861568572	69039	CHITTURI B N V S RANJITH KUMAR	M	OC	AU	95.33	AID	AP

15	284742376730	NQ	DARAPUREDDY VINESH BALA HANUMAN	M	OC	AU	82.16	AID	AP
16	876232348104	NQ	DUMPALA BAJI KUMAR	M	BCD	AU	80.33	AID	AP
17	560707597223	68828	EYYANI BHUVANA NAGA VENKATA RAJA KEERTHI	F	BCB	AU	80.83	AID	AP
18	851702421524	65997	GORIPARTHI DHANUNJAYARAO	M	BCD	AU	95.17	AID	AP
19	298324173790	139902	GORRELA CHARAN VARDHAN	M	BCD	AU	62.67	AID	AP
20	411082504511	NQ	GURAPAJALA PURNA RAM CHAND	M	BCD	AU	64.40	AID	AP
21	302292497000	143199	GURU CHARAN TEJA YANNA	M	SC	AU	74.17	AID	AP
22	920192728191	119574	GUTHIKONDA DEEPIKA	F	OC	AU	75.67	AID	AP
23	966119278809	NQ	KAGITA GAYATRI	F	BCB	AU	96.33	AID	AP
24	364007942573	NQ	KAMBALA DILEEP	M	OC	AU	61.00	AID	AP
25	890914542724	NQ	KEERTHI BHAVYA SRI CHANDANA	F	OC	AU	66.16	AID	AP
26	858183157226	138654	KOLLIPARA L V M S RAMNATH GUPTA	M	OC	AU	65.33	AID	AP
27	810155823487	NQ	KORUKONDA BALA SRI SAI	M	OC	AU	70.60	AID	AP
28	814252242778	81062	KOTI DEEPIKA	F	BCB	AU	86.00	AID	AP
29	977883908861	52719	KUNCHIPARTHI GOPIKA LAKSHMI	F	OC	AU	98.00	AID	AP
30	430101964101	NQ	M V V SIVA PRASAD	M	BCD	AU	72.50	AID	AP
31	273691814611	NQ	MEKALA TEJ DEEPAK REDDY	M	OC	AU	71.17	AID	AP
32	520703388578	153726	MOCHARLA RAHUL	M	SC	NL	66.00	AID	AP
33	597270144892	NQ	MOHAMMAD SHOAIB HAMEED	M	BCE	AU	53.00	AID	AP
34	219355414608	74864.1	MUKKOLLU SAI NAGA HANSIKA	F	BCA	AU	76.33	AID	AP
35	614450466485	99646	NUKA ROHITHA	F	OC	AU	82.33	AID	AP
36	855662484077	129527	PADYALA ROHITH	M	OC	AU	68.67	AID	AP
37	675494485723	139810	PALLI BHAVYA SRI	F	BCD	AU	69.17	AID	AP
38	334587351852	79295	PAMARTHI BALAJI YUGESH	M	BCB	AU	82.17	AID	AP
39	771807778467	49695	PASUMARTHI PAVAN MANI KUMAR	M	OC	AU	93.33	AID	AP
40	587941776461	154650	PENDEM SAI AKSHAY	M	SC	NL	63.17	AID	AP
41	835313228330	NQ	PONNURU SASI NAGA SRI	F	OC	AU	62.72	AID	AP
42	274799298844	107705	POTHINENI ANUSHKA DHATRI	F	OC	AU	77.00	AID	AP

43	529287978788	103604	PULAGAM YOGESWAR REDDY	M	OC	AU	78.67	AID	AP
44	838148885488	NQ	PUTTI SOUMYA SHREE	F	BCD	AU	59.00	AID	AP
45	665928364660	125018	PUVVULA LAHARI SAI SRI	F	BCD	AU	61.33	AID	AP
46	353102646947	NQ	SEELAM SOWJANYA	F	OC	AU	57.16	AID	AP
47	739736374499	NQ	SHAIK SALMA	F	BCE	AU	89.16	AID	AP
48	709186328971	75333	SHAIK SUHANA	F	BCE	AU	81.83	AID	AP
49	936209103458	NQ	TELAPROLU SREEJA	F	OC	AU	89.10	AID	AP
50	673138002628	NQ	THOTA MOUNIKA DURGA	F	OC	AU	92.33	AID	AP
51	701306473521	77446	UMMADISETTY MEENAKSHI PRAVALLIKA	F	OC	AU	79.67	AID	AP
52	662190131024	113425	VALAVALA KARTHIK	M	OC	AU	72.67	AID	AP
53	386975655651	NQ	VAYARA TARSHA SRI	F	BCB	AU	80.83	AID	AP
54	918387095337	118896	VEMULAPALLI LOHITH CHOWDARY	M	OC	AU	81.00	AID	AP
55	465943275285	NQ	DOKKU GUNASEKHAR	M	BCD	AU	53.00	CIV	AP
56	939622578211	131364	GANGULA BHARATHI	F	BCD	AU	64.17	CIV	AP
57	517849884208	155749	GOTTAPU CHAKRI SAI	M	BCD	AU	57.50	CIV	AP
58	700351238760	NQ	JANNU JANAKI RAM	M	BCB	AU	66.00	CIV	AP
59	310705742934	NQ	KATTA KRISHNA KOWSHIK	M	BCB	AU	50.66	CIV	AP
60	674170982028	NQ	KOTAPROLU RAVI CHANDU	M	OC	AU	44.33	CIV	AP
61	673734763017	NQ	NIDUMOLU L V N SWETHA RAJIV LOCHAN	M	BCA	AU	64.00	CIV	AP
62	895928436749	NQ	RAAVI RAM NAGESH KUMAR	M	OC	AU	67.16	CIV	AP
63	639002087575	NQ	RAJULAPATI O V V G NAGA NITHI GOUD	M	BCB	AU	43.66	CIV	AP
64	377791924559	NQ	RAJULAPATI SATYA MANIKANTA	M	BCB	AU	60.50	CIV	AP
65	329173012494	NQ	RAJULAPATI SR POOJA	F	BCB	AU	63.00	CIV	AP
66	570491987737	94208	AKUNURI B N R R R SAI TEZAA	M	OC	AU	71.17	CSE	AP
67	904424612158	105024	ALAPATI ESWARA CHANDRA KUMAR	M	OC	AU	71.67	CSE	AP
68	923873930420	74730	ALLA SAI SUPRIYA	F	OC	AU	98.00	CSE	AP
69	695952155559	86126	ALLAMSETTI SHANMUKH SRINIVAS	M	OC	AU	95.33	CSE	AP
70	636474103368	76161	ANAGANI AKASH	M	BCB	AU	87.17	CSE	AP
71	727439370110	NQ	ANKEM HARI VENKAT	M	OC	AU	73.33	CSE	AP
72	720437678323	140603	ASFIA AAFREEN	F	BCE	AU	58.67	CSE	AP

73	849634666072	85210	BALUSU JASMITHA	F	OC	AU	89.67	CSE	AP
74	203420289783	NQ	BAVISETTI SESHAGIRI RAO	M	OC	AU	85.16	CSE	AP
75	636376849581	NQ	BETANABOTLA SANKAR SAINADH	M	OC	AU	77.00	CSE	AP
76	621825013535	126368	BHARGAVI POOLA	F	BCD	AU	74.00	CSE	AP
77	707401569026	NQ	BHIMAVARAPU SATISH BABU	M	BCA	AU	67.83	CSE	AP
78	267925702292	NQ	BUDDU SATYA CHINMAIYE	F	OC	AU	62.16	CSE	AP
79	743729189603	32787	BUDDU SRI VYSHNAVI	F	OC	AU	98.50	CSE	AP
80	398062190929	82234	CHALAMALASETTI LAKSHMI VENKATA CHARAN	M	OC	AU	88.67	CSE	AP
81	307565963707	68008	CHALASANI LAHARI	F	OC	AU	94.67	CSE	AP
82	727487779094	NQ	CHENNU SANDEEP KUMAR	M	BCB	AU	88.83	CSE	AP
83	412050676461	122351	CHILAKALAPUDI YASWIN	M	BCA	AU	78.33	CSE	AP
84	947040869811	51233	CHINNAM VENKATA LAKSHMI NARASIMHAM	M	OC	AU	88.67	CSE	AP
85	853828403008	NQ	DAVU KARTHIK	M	BCB	AU	81.33	CSE	AP
86	353035680410	71502	GALLA LEELA SAI KUMAR	M	OC	AU	79.67	CSE	AP
87	409504295223	NQ	GANGARAPU VENKATESWARAREDD Y	M	OC	AU	82.00	CSE	AP
88	472122298174	168877	GOPU SAI PAVAN	M	OC	AU	55.50	CSE	AP
89	927268937096	46563	GUDISEVA RAJESH	M	OC	AU	92.00	CSE	AP
90	212277344850	141418	GUDIVAKA BASAVA PURNA CHANDRA	M	OC	AU	53.83	CSE	AP
91	571189956323	132156	HARSHITHA LINGAM	F	SC	NL	71.00	CSE	AP
92	939520228359	NQ	INTI JONY EMMANUEL	M	BCC	AU	86.83	CSE	AP
93	685050216843	145213	IVATURI ROHITH ROOP SAGAR	M	OC	AU	65.83	CSE	AP
94	238793894673	NQ	JALLURI VENKATA SASANK	M	OC	AU	76.83	CSE	AP
95	772338207165	170771	JETTI LAKSHMI PRASANNA	F	BCD	AU	58.67	CSE	AP
96	329175060144	137973	JOEL PALLAPOTHU	M	OC	AU	71.83	CSE	AP
97	589527915332	95929	JOGI GAYATRI	F	BCB	AU	81.17	CSE	AP
98	994585028107	167356	KALAYELA DHANESH	M	BCD	AU	65.17	CSE	AP
99	524143626892	NQ	KANNA JAGADISH BABU	M	BCA	AU	96.16	CSE	AP
100	264971946278	146825	KATTA LOKESH	M	BCD	AU	65.83	CSE	AP
101	381751114338	NQ	KODALI DURGA MAHESH	M	BCB	AU	79.83	CSE	AP
102	932099817103	NQ	KODURU SAI GEETHIKA	F	BCA	AU	83.33	CSE	AP

103	714399769500	122113	KOKKILIGADDA BHAVAJA	F	BCA	AU	68.50	CSE	AP
104	597654360063	170372	KOLLU AKASH CHANDRA SAI	M	OC	AU	52.83	CSE	AP
105	272567438655	72315	KOMMURI VIJAYA	F	OC	AU	92.50	CSE	AP
106	686793964230	110879	KONAKALA JAGANMOHAN RAO	M	BCB	AU	76.50	CSE	AP
107	435719942689	NQ	KONATHAM VENKATA RAVI CHANDU	M	BCD	AU	92.50	CSE	AP
108	698581519076	89447	KONDAMADUGULA LAVANYA REDDY	F	OC	AU	87.17	CSE	AP
109	272912995776	NQ	KONDAPALLI YASWANTH REDDY	M	OC	AU	71.33	CSE	AP
110	245758807266	104916	KONDAVEETI GOWRI PRIYA	F	BCB	AU	81.00	CSE	AP
111	351051114178	57380	KOUTHARAPU MOHITH	M	BCB	AU	74.00	CSE	AP
112	934676117743	36830.1	KUNAPAREDDY UTKARSH SATYANITH	M	OC	OU	79.00	CSE	AP
113	230250201999	NQ	KUNASANI SRAVANI	F	OC	AU	82.50	CSE	AP
114	416369680755	65246	KURAKULA CHAMUNDESWARI	F	BCD	AU	89.33	CSE	AP
115	776016768862	NQ	KURAKULA GOWTHAMI	F	BCD	AU	93.30	CSE	AP
116	581397833749	73778	MADAPATI LAKSHMI	F	BCD	AU	92.83	CSE	AP
117	618222794885	NQ	MAHAVEER CHARAN GUJJU	M	SC	AU	89.33	CSE	AP
118	664663277115	100122	MALIREDDY LIKITA REDDY	F	OC	AU	81.50	CSE	AP
119	574920740662	103321	MARAPATLA SUSMITHA HAVEELA	F	SC	AU	82.00	CSE	AP
120	332170803579	NQ	MATTI REVANTH KUMAR	M	OC	AU	86.16	CSE	AP
121	945214182330	NQ	MATURI BABU RAO	M	OC	AU	95.16	CSE	AP
122	210865892886	76671	MEDURI KEERTHI SAI	F	OC	AU	95.50	CSE	AP
123	951637799730	52119	MERUGUMALA PURNA VENKATA SIVA SAI	M	BCD	AU	91.00	CSE	AP
124	207409022870	110843	MOHAMMAD AABIDULLAH	M	BCE	AU	76.67	CSE	AP
125	272268104827	43805	MULI NIKHIL KUMAR REDDY	M	OC	AU	92.67	CSE	AP
126	647005635361	75148	NANDYALA MANIKANTA	M	BCD	AU	74.33	CSE	AP
127	799294828445	NQ	NARAGANI YASASWINI	F	BCB	AU	99.00	CSE	AP
128	280164715599	92036	NEELAKANTA GOPIKA HARINI	F	OC	AU	83.00	CSE	AP
129	623408571161	111228	NUKALA JITENDRA	M	OC	AU	73.50	CSE	AP
130	923509172480	NQ	NUNNA SUMATHI	F	BCD	AU	68.16	CSE	AP
131	315451706715	126749	PARA ESWAR	M	OC	AU	73.67	CSE	AP
132	553543111366	64493	PARNAM LAHARI	F	OC	AU	94.17	CSE	AP

133	965911065581	166863	PASUMARTHI LASYA GEETHIKA	F	BCA	AU	62.83	CSE	AP
134	728319046754	NQ	PINNIBOYINA VAISHNAVI	F	BCD	AU	97.66	CSE	AP
135	456328442531	125442	PINNINTI SRAVAN KUMAR	M	BCD	AU	58.83	CSE	AP
136	240700584907	NQ	PULI SAI KRISHNA	M	BCD	AU	65.50	CSE	AP
137	624077372872	93291	PUNUKOLLU DIVYA	F	OC	AU	89.50	CSE	AP
138	992989418372	NQ	RAAVI BHAVANA	F	OC	AU	69.00	CSE	AP
139	948265264998	NQ	RAJULAPATI ABHISHEK	M	BCB	AU	83.16	CSE	AP
140	529958267432	84144	RAMISETTI SAI RUPIKA	F	BCA	AU	81.67	CSE	AP
141	530487796837	115102	REDDY DEVI SRI LAKSHMI	F	BCB	AU	71.00	CSE	AP
142	946815375501	NQ	SAGANTI NEHA	F	OC	AU	68.30	CSE	AP
143	789959108108	94019	SAYANA YASWANTH NAIDU	M	OC	AU	60.33	CSE	AP
144	975382016771	117693	SHAIK ABDULLA SAMAR THOUSIF	M	BCB	AU	74.00	CSE	AP
145	590526696393	119909	SHAIK AMANULLAH	M	BCE	AU	74.83	CSE	AP
146	930342151787	70664	SREEPATHI JAHNAVI SRI	F	OC	AU	89.83	CSE	AP
147	516244540136	70425	SRIKAKULAPU SRIVALLI	F	BCB	AU	93.67	CSE	AP
148	964113405181	142424	SRUNGARAM H V S S JANAKI RAM	M	OC	AU	67.33	CSE	AP
149	853555237945	87317	SUNKARA SREE CHARAN	M	OC	AU	85.83	CSE	AP
150	518107261917	75678	SURAPANENI MOTHI VARSHA	M	OC	AU	78.33	CSE	AP
151	257257972020	NQ	SURIPEDDI DHANVI SRI HARSHA	M	OC	AU	69.50	CSE	AP
152	580472683643	52975	TAMMU ABHIJITH	M	BCA	AU	92.33	CSE	AP
153	293119402424	81109	THATIPARTHI RUPAVALLI	F	OC	AU	81.00	CSE	AP
154	342128509479	122454	THOTA JAYA NAGA KRISHNA SUBHASH	M	OC	AU	68.67	CSE	AP
155	761186497282	73616	THOTA NAGA SOWJANYA	F	OC	AU	90.67	CSE	AP
156	258989517980	91893	THOTA NAGARAJU	M	OC	AU	92.33	CSE	AP
157	921584178771	NQ	THOTA PUSHKALA RAHUL	M	OC	AU	47.33	CSE	AP
158	975369015978	NQ	ULUSU PRNASWI	F	BCD	AU	76.83	CSE	AP
159	578880703771	147175	VADDI YASWANTH	M	OC	AU	58.33	CSE	AP
160	784541992432	NQ	VALISETTY PRIYANKA	F	OC	AU	78.50	CSE	AP
161	894024214318	NQ	VALLABHANENI JAYA SREE	F	OC	AU	66.50	CSE	AP
162	564020619420	NQ	VEERLA HARISH	M	BCD	AU	88.00	CSE	AP

163	467097322344	88086	VELUDUTY JAGAN NAGA SRINIVAS	M	BCA	AU	81.00	CSE	AP
164	879718759103	NQ	DEMULA RAMU	M	BCA	AU	62.83	CSE	AP
165	364991679733	116841	DEMURI BAJIBABU	M	BCB	AU	77.00	CSE	AP
166	229035124512	71403	VENNA POOJITHA NAGA DEVI	F	OC	AU	93.33	CSE	AP
167	840740009628	80388	VIKKURTHI HARI RAMA KRISHNA	M	OC	AU	82.00	CSE	AP
168	383586066412	117481	VIVEK CHALAMALASETTY	M	OC	AU	72.50	CSE	AP
169	884737251653	NQ	YADALI BAVANA	F	OC	AU	71.00	CSE	AP
170	762679903461	NQ	YADLA DHANUSH KOTI	M	BCD	AU	67.00	CSE	AP
171	918957159086	45785	YALLAPRAGADA SANTOSH	M	OC	AU	91.50	CSE	AP
172	586666518753	132276	APPIKATLA PRANAV	M	SC	AU	78.50	CSM	AP
173	371419508347	80277	ARJA NAVYA SRI	F	OC	AU	93.17	CSM	AP
174	518161142254	85738.1	BATHULA VIJAYA BHARGAVI	F	OC	AU	91.50	CSM	AP
175	385996067659	NQ	BETHU NEERAJA SRI	F	OC	AU	86.60	CSM	AP
176	975929256881	112042	BORRA LIKITHA	F	OC	AU	80.83	CSM	AP
177	634670290671	NQ	CHANDANA SRINIVAS	M	OC	AU	66.10	CSM	AP
178	493092788210	NQ	DARAM SARATH CHANDRA	M	BCD	AU	59.80	CSM	AP
179	747183028479	128195	DESANA PAVAN TEJESH	M	BCD	AU	57.33	CSM	AP
180	557064833629	86504	DOODI MANIKANTA	M	OC	AU	81.17	CSM	AP
181	625522590474	NQ	EMADABATTHINI VYSHALI	F	OC	AU	66.80	CSM	AP
182	560793711213	NQ	GANJALA NAGA SUBRAHMANYAM	M	BCD	AU	90.30	CSM	AP
183	413791412343	NQ	GUGGILAM NIKHILESWAR SAI	M	OC	AU	77.60	CSM	AP
184	452363232091	NQ	JUNAID HASSAN	M	BCE	AU	81.80	CSM	AP
185	824554436473	58349	KANDULA DURGA SRI CHARAN	M	OC	AU	86.50	CSM	AP
186	468492913686	NQ	KATRAGADDA SIRISH KUMAR	M	OC	AU	91.50	CSM	AP
187	407039682532	126377	KESARANENI SAI ANISH	M	OC	AU	69.00	CSM	AP
188	843238856694	138836	KOLAGANI MUKHESH	M	OC	AU	57.17	CSM	AP
189	464444407178	NQ	KOTA ADITYA KUMAR	M	OC	AU	96.00	CSM	AP
190	843385463105	73424	MOHAMMED GOUSE	M	BCE	AU	92.83	CSM	AP
191	545922191403	NQ	MOTHUKURI MOUNIKA	F	BCB	AU	87.60	CSM	AP
192	522040943322	121549	NEELISETTI DEEPIKA	F	OC	AU	66.33	CSM	AP
193	388416966514	NQ	PALAKURTHI RUP ANAND	M	OC	AU	83.66	CSM	AP
194	591582793565	41257	PATHAN SAMEER KHAN	M	OC	AU	97.17	CSM	AP

195	881237568925	58357	PUTHI MOHAN REDDY	M	BCA	AU	84.17	CSM	AP
196	936622698029	72723	RENATI VYSHNAVI	F	OC	AU	85.67	CSM	AP
197	803992369871	129783	SABBINENI HARSHA VARDHAN	M	OC	AU	68.17	CSM	AP
198	453766093710	NQ	SANGA SHANMUKHA KONDA	M	OC	AU	81.60	CSM	AP
199	956873848156	117877	SATYAVOLU MADHU SREE	F	BCA	AU	79.00	CSM	AP
200	935499817778	NQ	SINGIREDDY PURNA NAGA SASHANK	M	BCD	AU	70.33	CSM	AP
201	530849382284	NQ	SIRIGIRI REVANTH SAI	M	BCA	AU	94.30	CSM	AP
202	857069592820	128333	SUKHAVASI SHANMUKHA	M	BCD	AU	76.33	CSM	AP
203	502341574507	46291	THOTAKURA DIMPUL SAI KUMAR	M	OC	AU	94.33	CSM	AP
204	863502714927	98185	TUMU SASHANK SAI	M	OC	AU	61.50	CSM	AP
205	263189188500	102565	UMMADISETTI BHAVANI	F	OC	AU	80.17	CSM	AP
206	440620689577	166821.1	VEMULAMADA RAJ KUMAR	M	BCA	AU	59.66	CSM	AP
207	478405095008	50893	VISHNUMOLAKALA SIRI CHANDANA	F	OC	AU	89.67	CSM	AP
208	764963533127	105007	AAKURATHI JANAKI RAM	M	BCB	AU	80.50	ECE	AP
209	402328186865	82942	AKURI PRABHAVATHI	F	BCA	AU	83.00	ECE	AP
210	459420055162	NQ	ALAWALA NEMISRI ACHYUTH	M	BCD	AU	63.50	ECE	AP
211	383998071112	89682	ALLU GOPI RAKESH	M	BCD	AU	68.83	ECE	AP
212	516789547772	NQ	AYENALA T S S RANJANI	F	OC	AU	80.00	ECE	AP
213	529235801346	100162	AYINALA JITENDRA	M	OC	AU	86.67	ECE	AP
214	200661903207	NQ	BATTINA REKHA SRI DURGA	F	BCB	AU	89.16	ECE	AP
215	398975159666	NQ	BHATTA PINAKA NAGA SAI SUBRAHMANYAM	M	BCB	AU	82.60	ECE	AP
216	250235930734	101421	BHUPATHI HEMANTH	M	OC	AU	71.83	ECE	AP
217	378995553031	120161	BOLEM SRAVANI	F	BCB	AU	79.00	ECE	AP
218	692636374274	NQ	DEVANABOINA THRILOK	M	BCD	AU	66.83	ECE	AP
219	693045738749	NQ	DEVANABOYINA RAGA MAHI	F	BCD	AU	84.16	ECE	AP
220	764522692861	103274	FATHIMA	F	BCE	AU	87.33	ECE	AP
221	667481459878	NQ	GANGULA SAI VAISHNAVI	F	BCD	AU	68.33	ECE	AP
222	681689618225	NQ	GARIKIPATI SANTOSH KRISHNA	M	OC	AU	59.00	ECE	AP
223	665425207662	NQ	GUDAVALLI AJAY KUMAR	M	BCB	AU	91.67	ECE	AP

224	344688212983	NQ	GUDIVADA MOUNIKA	F	OC	AU	67.67	ECE	AP
225	316379467840	144926	GUDIVAKA VENKATA SRI JYSHNAV	M	OC	AU	63.17	ECE	AP
226	570092485904	NQ	GULLA VENKATESH	M	BCD	AU	80.00	ECE	AP
227	805026114073	117182	GURIVINDAPALLI VAMSI	M	SC	AU	69.00	ECE	AP
228	899316902432	NQ	JOGI DEEKSHITHA	F	BCB	AU	60.00	ECE	AP
229	713671430628	NQ	JONNALAGADDA SANDEEP KUMAR	M	BCD	AU	64.83	ECE	AP
230	290810952846	NQ	K AKSHAYA	F	BCB	AU	78.33	ECE	AP
231	524572591761	NQ	KAGITA KOWSHIK	M	BCB	AU	80.00	ECE	AP
232	892415364086	NQ	KARANI VAMSI MOHAN KRISHNA	M	BCA	AU	64.17	ECE	AP
233	682776479182	77100	KATTA NAGA SUMANTH	M	BCB	AU	95.17	ECE	AP
234	722750785996	NQ	KATTA PAVAN KARTHIK	M	BCB	AU	73.30	ECE	AP
235	493714738696	NQ	KODURU PAVAN NAGA VENKATESWARA RAO	M	OC	AU	55.70	ECE	AP
236	646490036007	54913	KOKKERA NEETHU SREE	F	OC	AU	83.00	ECE	AP
237	274911123648	NQ	KOLLA MOHAN RAMSAI	M	OC	AU	83.83	ECE	AP
238	891662419639	100344	KOLUSU DIVYA SRI	F	BCD	AU	82.83	ECE	AP
239	663792413489	NQ	KONATHAM CHAMUNDESWARI	F	BCD	AU	90.30	ECE	AP
240	897092928796	NQ	KONDETI MAHESH	M	BCB	AU	67.17	ECE	AP
241	356506719103	159255	KOPPARAPU VENKATA SAI SREE DHARMA SASTHRA	M	OC	AU	54.33	ECE	AP
242	330055697938	140438	KOSURU YASMITHA VARSHINI	F	OC	AU	64.00	ECE	AP
243	480666979182	NQ	KURAPATI VISHWANTH	M	BCC	AU	88.80	ECE	AP
244	581066875670	NQ	MADAMALA MANOJ BHASKAR	M	OC	AU	81.00	ECE	AP
245	456590466765	NQ	MALISSETTI JOGENDRA	M	OC	AU	75.16	ECE	AP
246	568496283526	NQ	MARIDU RAJEEV KUMAR	M	BCB	AU	86.83	ECE	AP
247	335975851204	NQ	MATHANGI SRUSHANTH	M	SC	AU	81.50	ECE	AP
248	654060436576	NQ	MEDURI OMKARA NAGA LALITHA	F	BCA	AU	92.50	ECE	AP
249	973598920316	NQ	MEKA LAKSHMI RAMYA SRI	F	BCB	AU	94.17	ECE	AP
250	337512731117	NQ	MOHAMMAD MUJIBUR RAHAMAN	M	BCE	AU	80.16	ECE	AP
251	220669190975	124939	MOPIDEVI HIMA SREE SINDHU	F	BCA	AU	76.50	ECE	AP
252	383024545575	NQ	MOTHUKURI LEELA NAGA DINESH	M	BCB	AU	84.17	ECE	AP
253	223329279591	NQ	MUPPIDI ESWARI KALYANI	F	OC	AU	86.67	ECE	AP

254	992159626483	NQ	MURARI ASHOK KUMAR	M	BCB	AU	63.50	ECE	AP
255	521498408386	145068	NAGANABOYINA LAKSHMI SYAM	M	BCD	AU	62.00	ECE	AP
256	321548025379	131727	NEELAPALA GNANESHWAR	M	BCD	AU	73.17	ECE	AP
257	978159896043	NQ	PAMARTHI BHANU VENKATA DURGA PRASAD	M	BCB	AU	77.17	ECE	AP
258	357606057499	NQ	PARASA DILIP KUMAR	M	BCB	AU	86.30	ECE	AP
259	975702749380	NQ	PARISE PRIYADARSINI	F	BCB	AU	58.33	ECE	AP
260	720732236494	NQ	PASAM RUTHWIK SAI	M	OC	AU	65.83	ECE	AP
261	306708783101	NQ	PATTAPU JAHNAVI	F	OC	AU	87.17	ECE	AP
262	686333910389	83383	PEDDIBOYINA JAMES	M	BCD	AU	84.17	ECE	AP
263	317041599301	NQ	PERUMALLA NAVYA SRI	F	BCD	AU	53.80	ECE	AP
264	972832898953	NQ	POTLURI JAIDEV	M	OC	AU	88.60	ECE	AP
265	670234622280	NQ	PUPPALA LASYA SAI SREE	F	OC	AU	75.16	ECE	AP
266	369462358358	NQ	RAAVI JAYAPAL KUMAR	M	OC	AU	81.83	ECE	AP
267	244129734101	NQ	RAJULAPATI MANASA SRI	F	BCB	AU	74.17	ECE	AP
268	311125305898	NQ	RAMISETTY NAGA HEMA SUBHADHRA	F	OC	AU	59.17	ECE	AP
269	747038124467	NQ	RAVULAKOLLU KUNDANA	F	BCA	AU	84.40	ECE	AP
270	611424658628	NQ	REDROUTHU MANOJ KUMAR	M	OC	AU	62.50	ECE	AP
271	224124407005	NQ	SIDDABATTULA BHANU SREE	F	BCD	AU	86.17	ECE	AP
272	884844033109	NQ	SIKINAM SARAN TEJA	M	BCD	AU	83.33	ECE	AP
273	292763365479	NQ	SINGAMSETTI PARDHA SRINIVAS	M	OC	AU	91.83	ECE	AP
274	970142776766	94890	SINGAMSETTY LEELA SRINADH NAIDU	M	OC	AU	77.17	ECE	AP
275	219797432342	92239	SRAVANAM JAYA DEEPTHI	F	OC	AU	80.00	ECE	AP
276	446853824463	109844	VALLABHANENI HARSHAVARDHAN	M	OC	AU	74.33	ECE	AP
277	568660425266	54836	VALLABHANENI YASASWINI	F	OC	AU	90.50	ECE	AP
278	671056244603	53520	VEERAM POSHAN DHARMA RAMA KRISHNA GANESH	M	OC	AU	96.67	ECE	AP
279	493199927002	NQ	YARRAMSETTI PAVAN KALYAN	M	OC	AU	67.00	ECE	AP
280	832387787981	NQ	AKULA SAI	M	OC	AU	46.50	EEE	AP
281	829957453436	NQ	PORNA PAVAN	M	BCD	AU	74.16	EEE	AP
282	801228854226	152462	SANAKA YASWANATH	M	OC	AU	58.33	EEE	AP

283	328520939034	NQ	SAYALA MOHINI KUMARI	F	BCD	AU	79.00	EEE	AP
284	832365880192	NQ	VEMULAPALLI VENKATA SANDEEP	M	BCA	AU	54.00	EEE	AP
285	913688846504	NQ	ADDALA DHANUSH KUMAR	M	OC	AU	62.33	INF	AP
286	359592522640	153845	AKASH RAYAPUREDDY	M	OC	AU	51.33	INF	AP
287	249379716945	118254	ANAGANI VEERA SIVA KUMAR	M	BCB	AU	74.17	INF	AP
288	630583438043	NQ	ANNAM JAI SAI SRI SUBRAMANYAM	M	OC	AU	65.67	INF	AP
289	393817181087	152377	ANUMUKONDA KRANTHI KUMAR	M	OC	AU	61.33	INF	AP
290	575320193842	122567	ARASAVALLI DRUSYA	F	BCB	AU	53.00	INF	AP
291	633635539254	NQ	ARAVA ARAVIND KUMAR	M	OC	AU	65.17	INF	AP
292	570917681212	NQ	BODDU PRAVEEN KUMAR	M	BCD	AU	72.16	INF	AP
293	519953402364	NQ	BOLEM SAI BABU	M	BCB	AU	60.67	INF	AP
294	701159769208	134776	BOMMANABOYINA VENKATA KARTHIC BULLI YADAV	M	BCB	AU	70.33	INF	AP
295	766770519094	108455	BONTHU VENKATESH	M	BCD	AU	85.67	INF	AP
296	703665947851	101302	CHAVALI NAGA VENKATA ESWAR	M	OC	AU	71.50	INF	AP
297	432068674729	NQ	CHITTIMOTHU AKHIL	M	BCB	AU	54.67	INF	AP
298	311178423198	NQ	DADE SNEHA LATHA DURGA MALLESWARI	F	OC	AU	64.67	INF	AP
299	778974000621	NQ	EEDE SIVA RAMA KRISHNA	M	BCB	AU	95.67	INF	AP
300	989499814954	113292	ELIGANTI SAILU BASAWANTHI	F	BCB	AU	70.33	INF	AP
301	772797519738	85837	GOGINENI RESHMI	F	OC	AU	91.50	INF	AP
302	923114501523	NQ	GOKAVARAPU HARSHITHA NAGA DIVYA SRI	F	OC	AU	88.17	INF	AP
303	700295755960	143930	GOTTIMUKKALA YASWITHA	F	BCB	AU	57.00	INF	AP
304	742343673023	112372	HEMANTH SAI VARMA CHANDIKA	M	BCB	AU	74.67	INF	AP
305	607783479033	125725	JONNALAGADDA CHAITANYA VEERA VENKAT	M	BCD	AU	77.00	INF	AP
306	378005277669	NQ	KANDULA SANJAY	M	BCD	AU	72.67	INF	AP
307	980619042811	138287	KANKIPATI ARUN KUMAR	M	BCA	AU	56.67	INF	AP
308	669102398335	112531	KANTHETI GAGAN	M	OC	AU	79.00	INF	AP
309	372292154066	NQ	KASANI GNANA SAI	M	BCB	AU	65.33	INF	AP

310	678948611177	NQ	KATIVARAPU ELISHA	M	BCA	AU	80.00	INF	AP
311	622160660281	114908	KOLA PRAVEEN KUMAR	M	OC	AU	64.50	INF	AP
312	613817955693	167279	KOMMURI SAI ANANYA	F	BCB	AU	64.67	INF	AP
313	908334524486	NQ	KONATHAM ANUSHA	F	BCD	AU	70.67	INF	AP
314	925867251877	139929	KONDAPALLI HEMA SAI KUMAR	M	OC	AU	59.67	INF	AP
315	648384029256	172214	KONDISETTI MOKSHITH SAI	M	OC	AU	47.67	INF	AP
316	638713661390	143526	KOTHA VASAVI NAGA VENKATA SAI SYAMALA	F	OC	AU	57.67	INF	AP
317	489905212869	NQ	KOVILAKARU JEEVITH SURYA SASANK	M	BCD	AU	55.33	INF	AP
318	324032023044	71059	KUNDETI SHYAM SUNDAR YADAV	M	BCD	AU	87.50	INF	AP
319	545686022338	158862	MAADALA BHAGATH SAIVARSHITH	M	OC	AU	55.33	INF	AP
320	301874830804	112665	MANUKONDA RADHIKA SRI NAGA BHAVANI	F	OC	AU	80.50	INF	AP
321	348897028634	123749	MANUKONDA RAVALI SRI NAGA SHIVANI	F	OC	AU	77.83	INF	AP
322	335772017428	106822	MATTA CHARAN TEJA	M	BCB	AU	76.33	INF	AP
323	431091637744	NQ	MATTA PREM	M	BCB	AU	71.83	INF	AP
324	290025116900	108414	MEKA SAI NARASIMHA MANIKANTESH	M	OC	AU	78.83	INF	AP
325	371390556326	NQ	MERUGA NAVYA SRI	F	OC	AU	86.50	INF	AP
326	698021058148	100203	METLA JASWANTH KUMAR	M	BCB	AU	79.00	INF	AP
327	314219573453	86568	MOVVA VEERA SRI VARDHAN	M	OC	AU	91.17	INF	AP
328	944391001238	NQ	MULLAGIRI VENKATA KARTHIKEYA	M	BCD	AU	82.00	INF	AP
329	788016380067	124865	MURALA LAKSHMI LAALASA	F	BCB	AU	57.83	INF	AP
330	480905537839	129746	NAGANABOYINA RUPESH	M	BCD	AU	70.50	INF	AP
331	822168631530	123151	NALLAPARAJU DEEKSHITHA	F	OC	AU	70.00	INF	AP
332	433915874093	NQ	NEKKALA PAVAN NAGA SIVA SAI	M	BCD	AU	68.00	INF	AP
333	759651962348	NQ	NERUSU PRUDHVI RAJ	M	BCD	AU	69.50	INF	AP
334	449073574518	148294	NIDUMOLU PURNIMA DEVI	F	BCA	AU	50.33	INF	AP
335	884373105912	NQ	PAMIDI AKHILA	F	BCA	AU	74.33	INF	AP
336	276746150939	78303	PAMPANA SAI RAM	M	BCB	AU	74.00	INF	AP
337	318219466364	116248	PANCHALA SWATHI SRI	F	BCB	AU	75.83	INF	AP
338	710522434417	NQ	PARISE KEERTHI SRI	F	BCD	AU	81.33	INF	AP
339	793333262604	NQ	PATTAPU AJAY	M	OC	AU	81.50	INF	AP

340	233209316699	NQ	PATTAPU HEMA SRINADH	M	OC	AU	52.67	INF	AP
341	561176447171	NQ	PAVULURI NEERAJ	M	OC	AU	70.67	INF	AP
342	623210013597	111006	POLISETTI VENKATA LAKSHMI	F	OC	AU	78.83	INF	AP
343	382144420615	NQ	POTARLANKA PARDHU	M	BCA	AU	74.67	INF	AP
344	814535010288	73152	POTHULA NAGADURGA SAHITHI	F	OC	AU	94.00	INF	AP
345	292994844407	174113	PUPPALA BEULAH	F	OC	AU	53.83	INF	AP
346	578356782614	120461	RAJULAPATI NAGA SIRISHA	F	BCB	AU	69.17	INF	AP
347	972738965851	131859	REKHAPALLI SRIRAM	M	OC	AU	74.83	INF	AP
348	720082641372	155635	SAMMETA HANEESH	M	OC	AU	59.17	INF	AP
349	204023083586	NQ	SANAKA SHANMUKHA SAI	M	OC	AU	88.83	INF	AP
350	291198092938	NQ	SHAIK MAHAMMAD ABBAS	M	BCE	AU	64.67	INF	AP
351	356218875906	171607	SIRIPURAPU SIVA SANKARA VARA PRASAD	M	OC	AU	62.17	INF	AP
352	571465529294	NQ	THOTA BHARANI PRASANNA	F	OC	AU	86.17	INF	AP
353	305047957428	156037	TUNGALA REVANTH AKHIL	M	OC	AU	57.50	INF	AP
354	393772940471	88065	UPPALAPATI UJWALA	F	OC	AU	88.67	INF	AP
355	348206498825	69129	VADLAMUDI DHANDEEP PAVAN SAI	M	OC	AU	92.17	INF	AP
356	459333757577	NQ	VELIVELA HARSHITHA	F	OC	AU	58.67	INF	AP
357	507820249940	106036	AYESHA	F	BCE	AU	76.00	IOT	AP
358	932686051792	NQ	BANDI SAI MANIKANTA REDDY	M	OC	AU	84.17	IOT	AP
359	258041888931	NQ	BORRA SHAMITHA	F	BCD	AU	55.67	IOT	AP
360	950693895130	NQ	CHILAKALAPUDI KARTHIK	M	BCA	AU	76.50	IOT	AP
361	622076392352	NQ	CHINTHALAPUDI NAGA VEN SAI SASIDHAR	M	OC	AU	85.00	IOT	AP
362	773780651897	176710	DARELLI ABHILASH	M	SC	AU	48.33	IOT	AP
363	909543670153	NQ	DASARI AKASH	M	OC	AU	51.83	IOT	AP
364	817816758523	NQ	DUSANAPUDI NITHIN	M	OC	AU	48.00	IOT	AP
365	966942182133	NQ	GADIYAKARI HARISH	M	BCD	AU	47.83	IOT	AP
366	490543544041	163348	GOTRU SAI VIVEK	M	SC	AU	71.50	IOT	AP
367	408348529424	NQ	GUDAVALLI AKASH	M	BCB	AU	72.60	IOT	AP
368	590304077195	NQ	GUDIMELLA HIRANMAYEE	F	OC	AU	77.00	IOT	AP
369	894346287559	NQ	GUTTIKONDA KAVYA KEERTHANA	F	OC	AU	47.00	IOT	AP

370	403961782994	170713	JAMMULA KEERTHI	F	BCA	AU	54.83	IOT	AP
371	622520869342	96217	KAGITHA BHARATH	M	BCB	AU	91.00	IOT	AP
372	743754056104	115231	KAGITHA LOKESH BABU	M	BCB	AU	68.33	IOT	AP
373	715548468590	NQ	KAMATHAM KUMAR	M	OC	AU	71.83	IOT	AP
374	488373475036	170710	KODAVATI JAYA PRAKASH	M	BCB	AU	51.00	IOT	AP
375	747554507003	91326	KOTTE RANJITH	M	OC	AU	79.17	IOT	AP
376	560374644024	148066	MANTHI RAJA NAGENDRA	M	BCD	AU	49.00	IOT	AP
377	888407429722	NQ	MOHAMMAD AFROZ KHAN	M	BCE	AU	54.33	IOT	AP
378	520530349229	NQ	MOHAMMAD SABEHA	F	BCE	AU	79.33	IOT	AP
379	651050824638	150819	MOHAMMED KHASIM	M	BCE	AU	61.17	IOT	AP
380	918930046117	NQ	MUNISSETTI REKHASRI	F	OC	AU	90.67	IOT	AP
381	242417940157	161185	NUSUMU KESAVA	M	BCA	AU	48.17	IOT	AP
382	746304245251	NQ	PADAMATA THANVI AMALESWARI	F	BCB	AU	61.33	IOT	AP
383	698091349428	NQ	PAGILLA PALLAVI DURGA	F	BCA	AU	69.90	IOT	AP
384	801638942154	NQ	SALADI REVANTH KUMAR	M	OC	AU	57.16	IOT	AP
385	472044320466	NQ	SANDAKA HIMAJA	F	BCD	AU	55.50	IOT	AP
386	528157554904	NQ	SHAIK JANBASHA	M	BCE	AU	85.83	IOT	AP
387	821560788078	NQ	SIMHADRI MANIKANTA	M	OC	AU	80.00	IOT	AP
388	796352387710	NQ	UPPALAGUPTAPU CHANDINI	F	BCA	AU	89.33	IOT	AP
389	448166206850	NQ	VEERAMALLU SRI VALLI	F	BCB	AU	85.67	IOT	AP
390	840365827126	NQ	ALAMPURI MANIKANTA	M	BCB	AU	55.50	MEC	AP
391	648574595350	NQ	BALA NAGA ADHI VENKATA AVINASH BABU	M	BCD	AU	79.66	MEC	AP
392	411746900713	NQ	BODI SRI RAM PRACHAL	M	OC	AU	72.66	MEC	AP
393	274629725727	109352	DODDABOYINA GNANA SHESHA SAI MADHU KIRAN	M	OC	AU	66.00	MEC	AP
394	866336855403	NQ	GUDIVADA SAI KALYAN	M	OC	AU	49.00	MEC	AP
395	602862913221	161569	JANNU HEMANTH	M	BCB	AU	43.83	MEC	AP
396	824137709370	NQ	KATRAGADDA VEERA RAGHAVIAH NAIDU	M	OC	AU	61.00	MEC	AP
397	703133086641	NQ	KONDAVEETI SOMANADH	M	BCB	AU	74.83	MEC	AP
398	400957369710	NQ	PATHIKAYALA SYAM VENKAT	M	BCA	AU	68.17	MEC	AP
399	286663544840	NQ	SHAIK SHAHBUDDIN	M	BCE	AU	64.44	MEC	AP

400	689810335285	NQ	VEERAGANI VENKATA KALYAN	M	BCB	AU	80.16	MEC	AP
401	426125625705	NQ	VELISALA CHAITANYA KRISHNA	M	OC	AU	55.00	MEC	AP
402	738486321100	138619	VENNA PRAVEEN	M	SC	AU	60.00	MEC	AP

Rejected List

S.NO	HT.NO	RANK	CANDIDATE NAME	GENDER	CASTE	REGION / STATE	% MARKS	BRANCH	REMARKS
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NRI Approved List

S.NO	HT.NO	RANK	CANDIDATE NAME	GENDER	CASTE	REGION	% MARKS	BRANCH	STATE
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**COMPETENT AUTHORITY
APEAPCET-MPC-ADMISSIONS 2024**

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