Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26

Audit Date: 25/8/25

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited:** CSE(AIML) Department

2. **Programs Offered:**

	UG		PG
Name of the Program	B. Tech(AIML)	B. Tech(AI)	--
Year of establishment	2020	2022	--

3. **No. of Faculty & Students:**

Designation	UG (AIML)	UG (AI)	PG	
Professors	01	00	--	
Associate Professors	04	01	--	
Assistant Professors	29	02	--	
Total no. of Students				
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	630	325		

4. Faculty Information and Contributions

4.1 Name of the Program(s): AIML, AI

Total Faculty		
Required Faculty	AIML	AI
Available Faculty	34	03
No. of PhDs	05	01

Professors		
Required Faculty	AIML	AI
Available Faculty	01	-
No. of PhDs	01	-

Associate Professors		
Required Faculty	AIML	AI
Available Faculty	04	-
No. of PhDs	04	-

Assistant Professors		
Required Faculty	AIML	AI
Available Faculty	29	03
No. of PhDs	05	01

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 5/34 = 15\%$$

AIML = 15%

AI = 1/3 = 33%

$$\text{Student Faculty Ratio (SFR):} \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 642/34 = 18.9\%$$

AI = 71/3 = 23.7%

4.2 Faculty Publications

S. No.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr. G.Karuna		23	2		23	2	25	10	384
2	Dr.Sanjeeva Polepaka		8	2		6	2	8	8	223
3	Dr.E. Poornima		10	2		8	2	10	6	120
4	Dr. B.Rajasekhar	8	19	11	14	5	24	31	6	173
7	Ms. M. Shamila		4	1		4	1	5	3	65
8	Ms. M. Santoshi Kumari		4			4		4	2	15
9	Ms. K. Saritha		4			3	1	4	3	49
10	Ms. A. Madhavi		4			4		4	3	12
11	Ms. P. Deepthi		4			4		4	2	16
12	Mr. Ramesh Banoth					4		4		
13	Mr.M. Anjaneyulu		21			21		21	4	25

S.No	Name									
14	Ms.T. Annapurna		8			8			8	9
15	Ms.V. Manasa								1	2
17	Mr.N. Devender					4	2	6		
18	Mr. Y. Bharath Bhushan	2	11	2	1	8	4	12	2	13
25	Ms.P. Nethrasri		1							
35	Ms.B. Gouthami	nill	4	nill	4	5	3	8	2	20
36	Mr.G.Anil Kumar	Nil	3	Nil	Nil	1	Nil	Nil	Nil	Nil

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1	Dr.G.Karuna	Surface-Based Dehazing and Color Correction For Improved Underwater Images	India	202441080859 A	Published	11/1/2024
2	Dr.P.Sanjeeva	Spotters Of Child Sexual Abuse and Cyber Harassment In Online Social Networks	India	202441080854 A	Published	11/1/2024
3	Dr.E.Poornima	Blockchain based System to manage patient data in Health care Industry	India	202441080843 A	Published	11/2/2024
4	Dr.E.Poornima	An Advanced AI-Powered Platform For Farmers: Mastering The Art of Plant Disease Detection, Monitoring, and Predictions	India	202441084484 A	Published	15/11/2024
5	P.Deepthi	Smaet Glasses for Visually Impaired Individuals	India	202541000874 A	Published	10/1/2025

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
	Dr.E.Poornima (PI)	Predictive modelling and optimization of mechanical properties of Ball Pins using Random Forest fpr enhanced Manufacturing and Material Selection	Ample Auto Tek Pvt Ltd	2 Years	1026000	1026000

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1	Dr G Karuna	Analysis of traditional and Hybrid Machine Learning Approach for Battery Life Estimation in EVs	Ample Auto Tek Pvt Ltd	1 Year	1180000	1180000

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
1.	Dr.G.Karuna	Workshop	2025	-	University of LEICESTER	online
2.	Hanisha Bavana	FDP	24-04-2025 to 30-04-2025	1 week	CVR College of Engineering	online
3.	P Shirisha	FDP	07-04-25 to 12-04-25	1 week	YCCE	online
4.	Rachna Trivedi	FDP	07-04-25 to 12-04-25	1 week	YCCE	online
5.	Samyuktha Pusarla	FDP	05-04-2024	1 day	Bits Pilani	online
6.	Hanisha Bavana	FDP	15th Feb to April 28th2025	2 weeks	AICTE	online
7.	K Saritha	FDP	Jan-Apr 2025	-	GRIET	online
8.	Dr.E.Poornima	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
9.	Dr.B.Rajasekhar	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
10.	P Deepthi	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
11.	B.Narendra Achari	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
12.	P Shirisha	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
13.	P Nethrasri	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
14.	S Rajini Parimala	FDP	10-03-2025 to 21-03-2025	3 weeks	NIT warangal	online
15.	P Deepthi	FDP	10-03-2025 to15-03-2025	3 weeks	NEC in collaboartion with Black bucks group	online
16.	P Shirisha	FDP	10-03-2025 to15-03-2025	3 weeks	NEC in collaboartion with Black bucks group	online
17.	P Shirisha	FDP	24-03-2025 to 29-03-2025	6 days	CVR College of Engineering	Offline
18.	P.Samyuktha	FDP	03-03-2025 to 07-03-2025	5 days	GMRIT	Online
19.	P.Samyuktha	FDP	24-03-2025 to 29-03-2025	6 days	CVR College of Engineering	Online
20.	Hanisha Bavana	FDP	10-3-2025 to 15-3-2025	6 days	GRIET	online

21.	Hanisha Bavana	FDP	10-3-2025 to 15-3-2025	6 days	NEC in collaboartion with Black bucks group	Online
22.	Kukutla Kavya	FDP	10-3-2025 to 15-3-2025	6 days	NEC in collaboartion with Black bucks group	Online
23.	Rachna Trivedi	FIP	03-03-25 to 13-03-25	11 days	GRIET	offline
24.	Rachna Trivedi	FIP	03-03-25 to 13-03-25	11 days	GRIET	offline
25.	Rachna Trivedi	FDP	10-03-25 to 15-03-25	06 days	NEC in collaboartion with Black bucks group	online
26.	M.Asha priya	FDP	10-3-2025 to 15-3-2025	06 days	NEC in collaboartion with Black bucks group	Online
27.	M.Asha priya	FIP	03-03-25 to 13-03-25	11 days	GRIET	offline
28.	Hanisha Bavana	FDP	17-02-2024 to 21-02-2025	5 days	GRIET	online
29.	Rachna Trivedi	FDP	17-02-25 to 21-02-25	5 days	Rao bahadur y mahableshwarappa Engineering college	online
30.	K Saritha	FDP	17th to 21st feb 2025	5 days	KAMALA INSTITUTE OF TECHNOLOGY & SCIENCE	online
31.	R.DIVYA	FDP	17 TO 21ST FEB 2025	5 days	Mahaahbaableaslewsarapaa Einnegeinrineg coellege	online
32.	Hanisha Bavana	FDP	20-01-25 to 25-01-25	6 days	GRIET	offline
33.	Dr.G.Karuna	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
34.	Dr.E.Poornima	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
35.	Dr.P.Sanjeeva	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
36.	Dr.B.Rajasekhar	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with	offline

					edunet foundatation	
37.	M Shamila	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
38.	M Santhoshi Kumari	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
39.	K Saritha	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
40.	Manasa Vanam	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
41.	P Deepthi	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
42.	I V Sai lakshmi Haritha	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
43.	P Nethrasri	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
44.	P Shirisha	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
45.	Bharath Bhushan Yannam	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
46.	S Rajini Parimala	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
47.	Ramesh Banoth	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
48.	Samyuktha Pusarla	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with	offline

					edunet foundatation	
49.	Divya R	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
50.	M Kundana Ravali	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
51.	K G Sravani	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
52.	Hanisha Bavana	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
53.	E.Annapoorna	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
54.	Kukutla Kavya	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
55.	T Annapurna	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
56.	B Kiranmai	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
57.	A Madhavi	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
58.	M Devendhar	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
59.	Kiranmai Bonthu	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
60.	A Samatha	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with	offline

					edunet foundatation	
61.	Rachna Trivedi	FDP	20-01-25 to 24-01-25	5 days	GRIET in association with edunet foundatation	offline
62.	Bharath Bhushan Yannam	FDP	09-12-2024 to 13-12-2024	5 days	GRIET	offline
63.	Bharath Bhushan Yannam	3rd International Conference on Multifunctional Materials	19-12-2024 to 21-12-2024	3 days	Geethanjali college of Engineering and technology	offline
64.	M Anjaneyulu	FDP	09-12-2024 to 13-12-2024	5 Days	GRIET	offline
65.	Dr.G.Karuna	FDP	09-12-2024 to 13-12-2024	5 Days	CSE Dept, GRIET	Offline
66.	Dr.G.Karuna	FDP	02-12-2024 to 10-12-2024	9 days	UGC-MMTTC, JNTUH	online
67.	Dr.G.Karuna	FDP	02-12-2024 to 15-12-2024	14 days	Brain O Vision	Online
68.	P.Shirisha	FDP	2-12-2024 to 6-12-2024	5 days	CVR College of Engineering	online
69.	I V Sai lakshmi Haritha	FDP	2-12-2024 to 6-12-2024	5 days	VR Siddartha Engineering college	online
70.	Rachna Trivedi	FDP	02-12-24 to 10-12-24	9 days	NEP JNTU	online
71.	K Saritha	FDP	5th to 14th dec 2024	10 days	NIT warangal	online
72.	P Deepthi	FDP	5th to 14th dec 2024	10 days	NIT warangal	online
73.	K.Saritha	FDP	21-10-2024 to 27-10-2024	7 days	Shri VishnuEngineering College for Women	online
74.	K.Saritha	FDP	25-10-2024 to 29-10-2024	5 days	Stanley College of Engineering and Technology for Women	online
75.	P.Deepthi	FDP	25-10-2024 to 29-10-2024	5 days	Stanley College of Engineering and Technology for Women	online
76.	P.Deepthi	FDP	21-10-2024 to 27-10-2024	7 days	Shri VishnuEngineering College for Women	online

77.	Dr.E.Poornima	FDP	09-10-2024	1 day	Infosys Springboard(Project Drona)	online
78.	P.Deepthi	FDP	23-09-2024 to 27-09-2024	5 days	JIS University	online
79.	Dr.E.Poornima	Workshop	21-09-2024	1 day	Workshop	online
80.	Bharath Bhushan Yannam	FDP	11-09-2024	1 day	CBIT	online
81.	Dr.G.Karuna	FDP	19-08-2024 to 24-08-2024	6 days	GRIET in association with Masranix Pvt.Ltd	Offline
82.	P.Samyuktha	FDP	19-08-2024 to 24-08-2024	6 days	GRIET in association with Masranix Pvt.Ltd	Offline
83.	Dr.G.Karuna	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
84.	P.Deepthi	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
85.	Kiranmai B	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
86.	Dr.E.Poornima	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
87.	Ramesh Banoth	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
88.	Dr Sanjeeva Polepaka	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
89.	ANTHAPPAGUDE M SAMATHA	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
90.	K Saritha	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
91.	Manasa Vanam	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
92.	Reguri Divya	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
93.	K.Giridhara sravani	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
94.	B.Narendra	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
95.	Bharath Bhushan Yannam	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
96.	S Rajini Parimala	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
97.	Rajasekhar Boddu	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
98.	M ANJANEYULU	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline

99.	E.Annapoorna	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
100.	DEVENDHAR NAYINI	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
101.	Shamila M	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
102.	Samyuktha pusarla	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
103.	Shirisha Padakanti	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
104.	M.Santoshi Kumari	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
105.	A.Samatha	FDP	19-08-2024 to 24-08-2024	6 days	GRIET	Offline
106.	K Saritha	FDP	12th Aug to 19th Aug 2024	8 days	ExcelR Edtech Pvt. Ltd.	online
107.	R.DIVYA	FDP	12 aug-19 aug 2024	8 days	ri Venkateswara Degree College, Kadapa	online
108.	JesalKumari Joshi	FDP	30-07-2024 to 02-08-2024	3 days	MGIT	Offline
109.	I V Sai lakshmi Haritha	FDP	15-07-2024 to 19-07-2024	5 days	Panipat Institute of Engineering and Technology	online
110.	Samyuktha pusarla	FDP	22-07-2024 to 27-07-2024	6 days	VNR Vignana Jyothi Institute of Engineering and Technology	online
111.	K Saritha	FDP	16th July to 22nd July 2024	6 days	ExcelR Edtech Pvt. Ltd.	online
112.	Bharath Bhushan Yannam	FDP	15-07-2024 to 20-07-2024	6 days	Mallareddy Engineering College for Women	online
113.	JesalKumari Joshi	FDP	08-07-2024 to 13-07-2024	6 days	MGIT	online
114.	R.DIVYA	FDP	2024	1 day	griet	online
115.	Dr.G.Karuna	FIP	10-06-2024 to 15-06-2024	6 days	GRIET	Offline
116.	Dr.E.Poornima	FDP	24-06-2024 to 30-06-2024	1 week	ABV-IIIT(Gwalior)	online
117.	P Samyuktha	FIP	10-06-2024 to 15-06-2024	6 days	GRIET	Offline
118.	Hanisha bhavana	FDP	23-06-2025 to 27-06-2025	5 days	GRIET &Brain O vision	Offline

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
1	Dr.B.Rajasekhar	Quantum Computing	03-05-2025 to 25-05-2025	Center for Development of Advance Computing
2	M.Asha priya	Machine Learning Introduction for Everyone	02-04-2025	IBM(CourseEra)
3	Rachna Trivedi	Real Time Operating system	17th Feb to April 26th2025	NPTEL
4	Hanisha Bavana	cloud computing	15th Feb to April 28th2025	NPTEL
5	T Annapurna	Machine Learning for Engineering and science applications	Jan to April 2025	NPTEL
6	Hanisha Bavana	concepts in python	April 10th-April 15th2025	course era
7	Hanisha Bavana	Introduction to cloud computing	12th-17th April 2025	Infosys Springboard
8	K Saritha	Deep Learning	Jan-Apr 2025	NPTEL
9	M.Asha priya	Machine Learning	Jan-Mar 2025	NPTEL
10	M.Asha priya	Machine Learning Introduction to Everyone	02-02-2025	Coursera IBM Certification
11	M.Asha priya	Concepts in Python	19-02-2025	Coursera Certification

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1	Dr.G.Karuna	Outreach	AI classes	6 sessions (28th Mar 2024 to 27th Dec 2024)	Ganges Valley School, GRIET	GRIET
2	Dr.G.Karuna	FIP	Effective Question Paper Design	1 week (03-03-2025 to 13-03-2025)	GRIET	GRIET

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): 320
EAMCET Starting Rank: 2215
EAMCET Closing Rank: 176139

No. of Students (PG): NA
Gate Starting Rank:
Gate Closing Rank:
PGCET stating Rank:
PGCET closing Rank:

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 21+ 194   =215
No. of students graduated from the program (n) = 207
UG Success Rate: m/n * 100 = 207/215=96.27%

No. of students admitted in corresponding first year (PG) (m1) =   NA
No. of students graduated from the program (n1) =
PG Success Rate: m1/n1 * 100 =

5.3 Students Placements, Higher Studies, Entrepreneurships
No. of students who are placed = 189
No. of students went for higher studies = 05
Highest and mean packages received by the students = 24.3LPA
No. of students with entrepreneurship details = 02
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 05

5.4 Students Activities
No. of Award Winning Students in Technical Events: 4
No. of Students Participated in Technical Events: 136
No. of Students Participated in Sports / Cultural Events: 7
No. of Students Participated in NSS Activities: NIL

6. Curriculum Development

6.1 New Courses

UG:

No. of new courses introduced (Mention the Regulation) = 04(GR-24)
No. of courses with change in syllabus (if more than 20%) = 02

PG:

No. of new courses introduced (Mention the Regulation) = Nil
No. of courses with change in syllabus (if more than 20%) = Nil

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	Full Stack Web Development	A Anil Kumar Reddy	5-12-24 to 7-12-24	3	22	22	18
2	Design and Analysis of Algorithm	Dr.K.Madhavi Dr.K.Anuradha	5-12-24 to 10-12-24	5	07	07	06

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1.	LATEX	30 days	6hours /week	T.Annapurna	IIT Bombay Spoken Tutorial	207	202
2.	KTURTLE	30 days	6hours /week	T.Annapurna	IIT Bombay Spoken Tutorial	283	256
3.	GIT	30 days	6hours /week	T.Annapurna	IIT Bombay Spoken Tutorial	207	192
4.	RUBY	30 days	6hours /week	T.Annapurna	IIT Bombay Spoken Tutorial	283	256

6.4 No. of Student Activities Organized by the Department: 19

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1	Guest Lecture (IEEE-TEMS)	Teaching & Learning Cloud, ML, and Generative AI with AWS	06-09-2024 to 06-09-2024	Mr. Stephen Howell Academic Developer Advocate for UK and Ireland at AWS.	(IEEE-TEMS)	AIML	147	**Convenor:** Dr.G. Karuna, HOD(AIML), professor **Coordinator:** Dr. R. P. Ram Kumar, Ms. Vanam. Manasa	Offline
2	Field Visit	Telangana Global AI Summit	06-09-2024	**D. Sridhar Babu,** Telangana IT minister. **Sal Khan,** Founder and CEO of Khan Academy. **Anjani Kumar,** partner monitor Deloitte India. **Arun Sundararajan ,** Harold Price (Endowed Chair) Professor of Entrepreneurship Director, Fubon Centre for Technology, Business and Innovation.		AIML	37	**Convener** Dr. G.Karuna, HOD, AIML department **Coordinator** Dr. R. P. Ram Kumar, V.Manasa	Offline

| | | | | New York University Stern School of Business

Hyderabad International Convention Centre (HICC), Novotel Hotel Rd, Izzathnagar, Shilpa Hills, Kothaguda, Hyderabad | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | Field Visit | National Industrial Security Academy | 24-09-2024 | | CSE, IT | AIML | 16 | **Convenor:** Dr.G. Karuna, HOD(AIML), professor **Coordinator:** Ms. Vanam Manasa | Offline |
| 4 | Field Visit | BFSI Skilling Initiative by Telangana Government | 24-09-2024 | A. Revanth Reddy Telangana, Chief Minister

D. Sridhar Babu, Telangana IT minister.

Banking, Financial Services, and Insurance (BFSI) at Jawaharlal Nehru Architecture and Fine Arts University (JNAFAU). | NO | AIML | 11 | **Convenor:** Dr.G. Karuna, HOD(AIML), professor | Offline |
| 5 | Guest Lecture | Real-time Analytics in Cloud-IoT | 25-10-2024 | Y.V.N Phani Kishore | NO | AIML | 181 | **Convenor:** Dr.G. Karuna, HOD(AIML), professor | Offline |

		Applications		Co-founder and Director at GYAN ASTRA IT Solutions.				Coordinator: Ms. Vanam Manasa	
6	Guest Lecture	Student Exchange Programme with Curtin University	11-11-2024	Dr.Swadesh Kumar Singh, Dean R&D, GRIET	NO	AIML	388	Convenor: Dr.G. Karuna, HOD(AIML), professor Coordinator: Ms. Vanam. Manasa	Offline
7	Seminar	Block chain Technology Essentials-Applications and Career opportunities	13-11-2024	Sunil Subrahmanyam heading Business Strategy and Partnerships at IDS Inc	NO	AIML	132	Convenor: Dr.G. Karuna, HOD(AIMLE), professor Coordinator: Ms. Vanam Manasa	Offline
8	Guest Lecture	Alumni talk	16-11-24	Mohith Surya Devara(20241A 6657) Full Stack engineer, TCS, ION Sathya Abhigna(20241 A6631) MS By Research In CSE, IIIT Hyderabad	NO	AIML	234	Convenor: Dr.G. Karuna, HOD(AIML), professor Coordinators: M.Shamila, Ms. Vanam Manasa	Offline
9	Industrial Visit	"Infosys Sez Campus"	20-1-2025	Manasa Project Behavioral Consultant, INFOSYS.	No	AIML	31	Convenor: Dr.G. Karuna, HOD(AIML), professor Coordinator: Ms. Vanam Manasa	Offline
10	Industrial Visit	SHIELD CONFERENCE ON	19-2-2025		NO	AIML	37	Convenor:	Offline

		CYBER SECURITY BY GOVT OF TELANGANA" at HICC, Hyderabad							Dr.G. Karuna, HOD(AIML), professor **Coordinators:** Ms. Vanam Manasa, Mr B Ramesh	
11	Guest Lecture	Robotics in today's world	12-2-2025	Srujan Panuganti Founder & CEO of Xairo	No	AIML	205	**Convenor:** Dr. G Karuna, HOD-CSE (AI & ML) **Coordinator:** Dr. E Poornima	offline
12	Workshop	Hyperledger Certification & Hedera Developer Certification (Block chain Technology)	03-03-2025 To 07-03-2025	Mr.Sunil Subramanyam, Head of Business Strategy from IDS company Ms. Nikita, a Blockchain Architect at IDS Ajai, a Blockchain Architect at IDS	CSE	AIML	77	**Convenors:** Dr.G. Karuna, Professor, HOD of AIML Dept. Dr. B shankar Babu, Professor, HOD of CSE Dept. Dr.Y Nagendra Kumar, Professor, HOD of IT Dept. Dr.S.Govinda rao, Professor, HOD of DS Department. **Coordinators:** Dr.E. Poornima, Dr. D Siri, V.Manasa	Offline
13	**Seminar**	**A Seminar on careers in Data**	25-03-2025	Snehith Allamaraju (Guest Speaker)	No	AIML	198	**Convenor:** Dr.G. Karuna, Professor, HOD of AIML Department. **Coordinator:** Dr.P.Sanjeeva	Offline
14	**Hackathon**	**AI and Big data Synergy**	26-04-2025	Mr.P.Mohan (Guest Speaker) Mr.Y.V.N.Phani Kishore (Guest Speaker)	**IEEE TEMS**	AIML	132	**Convenor:** Dr.G. Karuna, Professor, HOD of AIML Department. **Coordinators:**	Offline

								Dr.P.Sanjeeva, V.Manasa	
15	Workshop	AI and Big data Synergy	21-04-2025 To 25-04-2025	Mr.P.Mohan (Guest Speaker) Mr.Y.V.N.Phani Kishore (Guest Speaker)	**IEEE TEMS**	AIML	145	**Convenor:** Dr.G. Karuna, Professor, HOD of AIML Department. **Coordinators:** Dr.P.Sanjeeva, V.Manasa	Offline
16	Guest Lecture	Engineering for the Real World: How Robotics Can Solve Big Problems in Agriculture	07-04-2025	Sreekanth Reddy Vajrala Founder & CEO of FarmRobo	**GRIET Robotics Club**	AIML	165	**Convenor:** Dr. G Karuna, HOD CSE (AI & ML) **Coordinator:** Dr. E Poornima, Assoc. Prof, CSE(AI&ML)	Offline
17	**Presentation**	Project Work – Phase I - Road show	26-11-2024	Dr. J N Murthy, Director, GRIET.	No	AIML	112	**Convenor:** Dr.G. Karuna, HOD(AIML), professor **Coordinators:** Dr. R P Ram Kumar, E. Annapoorna	Offline
18	**Presentation**	Project Work – Phase I - Road show	23-11-2024	Dr. J N Murthy, Director, GRIET.	No	AIML	111	**Convenor:** Dr.G. Karuna, HOD (AI & ML), Professor **Coordinators:** Dr. E Poornima, K.Saritha	Offline
19	**Presentation**	Project Work – Phase I - Road show	25-11-2024	Dr. J N Murthy, Director, GRIET.	No	AIML	112	**Convenor:** Dr.G. Karuna, HOD (AI & ML), Professor **Coordinator:** Dr. P Sanjeeva P Deepthi	Offline

Overview on Faculty Contribution and Development:

Significant number of research papers published by the faculty in various International Conferences /articles and patents. Faculty Feedback is very good and Faculty upskilled themselves through NPTEL certification exams. Faculty organized and participated in FDPs and Workshops to explore and acquire skills in latest technologies.

Overview on Students Progression:

Academic Performance of students is good, and students participated in various kinds of workshops, seminars, field trips to explore latest skills and knowledge. Significant number of students got placement in MNCs. NPTEL, Infosys springboard, Cisco and few more certifications done by the students. And research activities should improve further apart from academics.

Overview on Academic Activities:

The department conducted Expert Talks, Guest Lectures, Workshops, Seminars, Value Added Courses, NPTEL certifications, FDPs. Academic activities conducted in the department are appreciable.

Suggestions for the areas of improvement:

Faculty can upskill themselves by attending various workshops / short term training sessions in industry. Industry collaborated practical sessions need to encourage in the department.

Name of the Audit Member: Dr.G.Venkata Rami Reddy
Designation: Professor & Dean, Computer Science and Engineering,
Name of the Institute: Vardhaman College of Engineering.

Signature with date 15/12/2025

Dean (Computer Science)
VARDHAMAN COLLEGE OF ENGINEERING
Kacharam, Shamshabad – 501218
Hyderabad, Telangana State

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26   Audit Date: 05-12-2025

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: Civil Engineering**

2. **Programs Offered:**

Name of the Program	UG	PG
Name of the Program	B. Tech Civil Engineering	M. Tech (STE)
Year of establishment	2008	2014

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	2		2	
Associate Professors	2		--	
Assistant Professors	10		1	
Total no. of Students	165		28	
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	118	47	20	8

4. **Faculty Information and Contributions**

4.1 **Name of the Program(s): B. Tech Civil Engineering (UG)**
                        M. Tech (STE) (PG)

Total Faculty	
Required Faculty	11
Available Faculty	17
No. of PhDs	05

Professors	
Required Faculty	03
Available Faculty	04
No. of PhDs	04

Associate Professors	
Required Faculty	06
Available Faculty	02
No. of PhDs	01

Assistant Professors	
Required Faculty	09
Available Faculty	11
No. of PhDs	00

Faculty Qualification $= \frac{05}{17} \times 100 = 29.41$

Student Faculty Ratio (SFR): $\frac{193}{17} \times 100 = 11.35$

4.2 Faculty Publications

S.No	Name of the Faculty	No.of Papers Published				Papers published in Conferences	Papers published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr GVV Satyanarayana	1	4			4		5	2	28
2	Dr V Mallikarjun Reddy		8			8		8	4	77
3	Dr. C Lavanya	1	4			4		5	4	46
4	Dr. T Srinivas		8			7	1	8	11	428
5	Dr O.S.D Hima Bindu		2			2		2	1	3
6	Mr T Srikanth		4			4		4	2	11
7	Dr. S Venkata charyulu		7			7		7	2	9
8	Mr. S.Prasad Raju		12			12		12	2	74
9	Mr. Y. Kamala Raj		10			9	1	10	2	13
10	Ms. K Hemalatha		9			9		9	3	88
11	Mr V Naresh Kumar Varma		4			4		4	2	15
12	Mr A Vittalaiah		3			3		3	2	11
13	Mr C Vivek Kumar	1	12			12		13	4	185
14	Mr Rathod Ravinder		1			1		1	3	22
15	Mr A Prakash		8			8		8	0	0
16	Mr P V V S S S R Krishna		7			7		7	1	15
17	Ms. P.S.R.P.SSS Vardhani		4			4		4	0	0

4.3 Faculty Intellectual Property Rights (IPR)

S.No	Name of the Faculty	Title of the Patent	Country/ Institute	File Number	Status of Patent	Date of Application/ Publication/ Grant
1	Dr. T.Srinivas	Earthquake-Resistant Buiding Technologies	INDIA/ GRIET	202441056409	Published	02-08-2024

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
	Nil					

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1.	Dr.V.Mallikarjuna Reddy	Third Party Quality Control Services for **Regular works**	Greater Hyderabad Municipal Corporation	1 Year	It depends on the works executed	26.66
2.	Dr.V.Mallikarjuna Reddy	Third Party Quality Control Services for **SNDP works**	Greater Hyderabad Municipal Corporation	1 Year	It depends on the works executed	3.66

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

Sl. no	Name of the faculty	Name of FDP/STTP	Dates of the programme	Duration	Organized Institute	Online/ Offline
1.	K Hemalatha	Structural Design and Analysis using staad.pro by ICT Academy	20 -8- 2024 to 24-8-2024	FDP	ICT Academy	Online
2.	K Hemalatha	Advancements in Construction Materials and Practices, GRIET Hyderabad	30-07-2024 to 03-08-2024	FDP	GRIET,Hyderabad	Online
3.	Dr C.Lavanya	Advancements in Construction Materials and Practices, GRIET Hyderabad	30-07-2024 to 03-08-2024	FDP	GRIET,Hyderabad	Online
4.	Dr C.Lavanya	Institutional Development Plan (IDP) at MANNU Hyderabad	13-08-2024	Workshop	National	Offline
5.	Dt. G. V. V. Satyanarayana	Advancements in Construction Materials and Practices, GRIET Hyderabad	30-07-2024 to 03-08-2024	FDP	GRIET,Hyderabad	Online
6.	Dr T. Srinivas	Advancements in Construction Materials and Practices, GRIET Hyderabad	30-07-2024 to 03-08-2024	FDP	GRIET,Hyderabad	Online
7.	PVVSSR KRISHNA	Structural Design and Analysis using staad.pro by ICT Academy	20 -8- 2024 to 24-8-2024	FDP	ICT Academy	Online
8.	PVVSSR KRISHNA	Advancements in Construction Materials and Practices, GRIET Hyderabad	30-07-2024 to 03-08-2024	FDP	GRIET,Hyderabad	Online
9.	C Vivek Kumar	First International Conference on Advances in Energy and Environmental Engineering 2024	17 to18/12/2024	Conference	Dr. Vithalrao Vikhe Patil College of Engineering in Ahmednagar, India	Online
10.	C Vivek Kumar	4th International Conference on Advances in Materials Studies 2024	17 to 18/12/2024	Conference	Dr. Vithalrao Vikhe Patil College of Engineering in Ahmednagar, India	Online
11.	C Vivek Kumar	3rd International Conference on Multifunctional Materials ICMM-2024	19 to 21/12/2024	Conference	Geethanjali College of Engineering and Technology, Hyderabad	Online
12.	Dr GVV Satyanarayana	AI TOOLS IN ACTION: RESEARCH WRITING & REAL-WORLD SOLUTIONS	16/12/ 2024 to 20/12/2024	FDP	KG Reddy College of Engineering and Technology, Hyderabad	Online

		THROUGH HANDS-ON LEARNING				
13.	Y Kamala raju	AI TOOLS IN ACTION: RESEARCH WRITING & REAL-WORLD SOLUTIONS THROUGH HANDS-ON LEARNING	16/12/ 2024 to 20/12/2024	FDP	KG Reddy College of Engineering and Technology, Hyderabad	Online
14.	V.Naresh Kumar Varma	AI TOOLS IN ACTION: RESEARCH WRITING & REAL-WORLD SOLUTIONS THROUGH HANDS-ON LEARNING	16/12/ 2024 to 20/12/2024	FDP	KG Reddy College of Engineering and Technology, Hyderabad	Online
15.	Y Kamala raju	Harnessing Sustainable Energy for Climate Resilience: A Faculty Development Perspective	20/01/2025 to 25/01/2025.	FDP	KG Reddy College of Engineering and Technology, Hyderabad	Online
16.	Dr GVV Satyanarayana	Harnessing Sustainable Energy for Climate Resilience: A Faculty Development Perspective	20/01/2025 to 25/01/2025.	FDP	KG Reddy College of Engineering and Technology, Hyderabad	Online
17.	Dr GVV Satyanarayana	Automation in Civil Engineering	03/02/2025 to 08/02/2025	FDP	PACE Institute of Technology & Sciences	Online
18.	Mr.C.Vivek Kumar	Automation in Civil Engineering	03/02/2025 to 08/02/2025	FDP	PACE Institute of Technology & Sciences	Online
19.	Y Kamala raju	Automation in Civil Engineering	03/02/2025 to 08/02/2025	FDP	PACE Institute of Technology & Sciences	Online
20.	PVVSSR KRISHNA	Automation in Civil Engineering	03/02/2025 to 08/02/2025	FDP	PACE Institute of Technology & Sciences	Online
21.	P Vardhini	Automation in Civil Engineering	03/02/2025 to 08/02/2025	FDP	PACE Institute of Technology & Sciences	Online
22.	K Hemalatha	14th Structural Engineering Convention-2024 (SEC - 2024)	12/12/2024 to 14/02/2024	Conference	NIT, Trichy	Offline
23.	S Venkatacharyulu	3 Weeks FDP on NGP - DST SUMMER SCHOOL ON GEOSPATIAL TECHNOLOGIES	27-5-2024 to 16-6-2024	FDP	VNRVJIET, Hyderabad	Offline
24.	S Venkatacharyulu	FDP on Design Thinking, GRIET Hyderabad	23.5.2025	FDP	GRIET, Hyderabad	Offline
25.	PVVSSR KRISHNA	FDP on Design Thinking, GRIET Hyderabad	23.5.2025	FDP	GRIET, Hyderabad	Offline

4.7 Faculty Certification

Sl.No	Name of the Faculty	Name of the course	Duration	Certification Agency
1.	Y Kamala Raju	Machine Learning for Engineering and science applications	12 Weeks	NPTEL
2.	C Vivek Kumar	Machine Learning for Engineering and science applications	12 Weeks	NPTEL

4.8 Faculty as Resource Persons

S. No	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1.	Dr.V.Mallikarjuna Reddy	Member Committee meeting	Processional body meeting	01	ACCE(I)	Hyderabad

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students

No. of Students (UG): 30
EAMCET Starting Rank: 42299
EAMCET Closing Rank: 106592

No. of Students (PG): 12
Gate Starting Rank: Nil
Gate Closing Rank: Nil
PGCET stating Rank: 316
PGCET closing Rank: 1124

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) =68
No. of students graduated from the program (n) = 39
UG Success Rate: m/n * 100 = **57.35%**
No. of students admitted in corresponding first year (PG) (m1) = 19
No. of students graduated from the program (n1) = 13
PG Success Rate: m1/n1 * 100 = **68.42%**

5.3 Students Placements, Higher Studies, Entrepreneurships

No. of students who are placed = 12
No. of students went for higher studies = 02
Highest and mean packages received by the students = Rs. 7,06,850 and Rs. 3,98,764
No. of students with entrepreneurship details = 00
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 02 students qualified in **GATE** from 06 (Attempted)

5.4 Students Activities

No. of Award Winning Students in Technical Events: 12
No. of Students Participated in Technical Events: 30
No. of Students Participated in Sports / Cultural Events: 09 (Extra – Curricular) + 25 (Co-Curricular)
No. of Students Participated in NSS Activities: 05

6. Curriculum Development

6.1 New Courses

UG:

No. of new courses introduced (Mention the Regulation) = 03
No. of courses with change in syllabus (if more than 20%) = 03

PG:

No. of new courses introduced (Mention the Regulation) = **03**

No. of courses with change in syllabus (if more than 20%) = **03**

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1.	Solid Mechanics-II	Dr.T.Srinivas	09th to 13th December 2024	5	14	9	8
2.	Structural Analysis-I	Mrs.K.Hemalatha	09th to 13th December 2024	5	14	9	8

6.3 No. of Value Added Courses Conducted:

SLNo	Name of the value-added courses (with 30 or more contact hours) offered	Duration of the Course	No. of Hours	Faculty Coordinator	Collaborative Industry	No.of Students Registered	No. of Students Passed
1	SketchUp with V-Ray	6 days	42	Mr A Prakash/ Mr C Vivek Kumar	Canter CADD India Pvt. Ltd	50	50
2	Ancient Civil Engineering Practices in Road Construction in India	16 days	32	Mr A Vittalaiah	GRIET	68	68
3	Construction Methods and Equipment	15 days	30	Mr A Prakash	GRIET	65	65
4	Earthquake Tips	15 days	30	Dr V Mallikarjuna Reddy	GRIET	56	56
5	ETABS Fundamentals: Building Analysis and Design	16 days	50	Mr C Vivek Kumar	GRIET	65	65
6	Geographic Information System (GIS)	17 days	30	Mr Rathod Ravinder	GRIET	63	63
7	Substitute Constituent Materials of Concrete	30 days	30	Dr. G V V Satyanarayana	GRIET	68	68

6.4 No. of Student Activities Organized by the Department:

S. No	Name Of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, Etc.)	Name Of the Activity	Date Of the Activity Conducted	Name Of the Resource Person, Designation, Organization / Industry	Collaboration If Any	Organized By Dept / Professional Body / Etc.	No. Of Students Attended	Name Of the Faculty Coordinator	Online / Offline
1.	FDP	Advancements In Construction Materials And Practices	30-07-2024 To 03-08-2024	Sri. S. V. Gopala Krishna Rao, Se (Ret.), 2. Sri G.Nagasrinivas, Principal Scientist,. 3. Sri N Sivath Kumar, . 4. Sri P. Sreenivas Sarma, 5. Er. Nandika Srinivas Rao, Regional Head-Technical Services	NA	CE	62	Dr T Srinivas	Offline
2.	Extra Curricular Activity	Engineers Day 2024	15-09-2024	Er K Raj Kumar , Vice President ACCE Er Mahendar Reddy Chairman ACCE	ACCE	CE	12	Dr V Mallikarjuna Reddy	Offline
3.	Guest Lecture	Modern Building Materials	24-10-2024	Nandika Srinivas Rao	ICI	CE	69	Sp Raju V	Offline

No.			Date							
4.	Webinar	Carrer Guidance and Oppurtunities in Civil Engineering Softwares	25-10-2024	CII- IGBC & Griet Green Campus	IGBC	CE	40	Dr Gvv Satyanarayana	Offline
5.	Guest Lecture	Networking Tips and Strategies	06-12-2024	Mr. B. Gagansai	ALUMNI	CE	31	Sp Raju V	Offline
6.	Workshop	Steps 2024	26-12-2024	Past Chairman, Acce(I), Hyderabad Centre, M/S. Akr Associates, Hyderabad. 2. Er. C Ramesh, Secretary Acce(I), Hyderabad Centre And Managing Director, R K Engineers, Miyapur, Hyderabad	NA	CE	36	Y Kamalaraju	Offline
7.	Guest Lectures	Application Of Shared Vision Planning In Designing Kaleswaram Hydrological Criteria	31-01-2025	Dr S A Moin, P.Eng. Er K Raj Kumar, Vice President ACCE Er Mahendar Reddy Chairman ACCE	ACCE	CE	9	Dr V Mallikarjuna Reddy	
8.	Value Addad Course	Sketchup With V-Ray	24-2-2025 To 03-03-2025	Mr Venkata Ramana	CAAD	CE	50	A Prakash	
9.	Guest Lectures	Interstate Water Management In Tungabhadra Project	04-03-2025	Er. D. Ranga Reddy Retired CE	ACCE	CE	34	Dr V Mallikarjuna Reddy	
10.	Guest Lectures	Building Skills With Civil Cad: Essential Courses For Engineers	18-03-2025	CII- IGBC & Griet Green Campus	CII	CE	42	Dr Gvv Satyanarayana	
11.	Guest Lectures	Industry Opportunities, Higher Education Employment And Entrance Exams	27.04.2025	Shri KV Ramana	IEI	CE	28	Y Kamalaraju	
12.	Guest Lectures	Towards A Water-Smart Green Revolution Vikshit Krishi For Vikshit Bharat	21.06.2025	Dr Vinay Nangina	IEI	CE	10	Y Kamalaraju	

Overview on Faculty Contribution and Development:

In A.Y 2024-25 Faculty contributed 3 SCI journals and 100+ Scopus indexed publications through conferences. Two staff members completed NPTEL courses in Computer oriented subjects and one staff member ratified for computer department after getting required certification courses in computer oriented courses through NPTEL, All staff members attended two or three FDPs in Core topics. Rs.30 Lakhs earned under consultancy works. During this academic year one IPR published by one of our staff. Total Fifty Eight articles Scopus Indexed published by our department staff members. Total seven VACs were taken for development of Civil Engineering department.

Overview on Students Progression:

All IV B.Tech II semester students were published Scopus Index conference papers from their Major Project works. A Value Added Course named **Sketch up and V-Ray software**

Training by CANTER CADD, Hyderabad taken for III B.Tech students for knowledge gain in preparation of building drawings and useful for their mini projects. Some more VACs were taken for our Civil Engineering students to complete their mini, major and Real Time Research Projects

Overview on Academic Activities:

By doing valuable courses their not only employability will increase but also self-employment for students. In this view different VACs were introduced and organised during this Academic Year. In this concern a VAC named **Sketch up and V-Ray software Training** by CANTER CADD, Hyderabad. For enrich knowledge to our students organised 7 guest lectures, 1 webinar and 1 work shop under different professional bodies like ICI, IEI, IGBC and ACCE(I).

Suggestions for the areas of improvement:

Advised pursue funding projects from AICTE, UGC along with publish qualitative publications and to do interdisciplinary projects.

Name of the Audit Member: DR. S KRISHNA RAO
Designation: Professor & Head , CIVIL Engg
Name of the Institute: B. V. Raju Institute of Technology Narsapur

Signature with date

PROFESSOR AND HEAD
Department Of Civil Engineering
BVRIT, Narsapur.

Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26   Audit Date:

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: Data Science**

2. **Programs Offered: CSDS and CSBS**

	UG	PG
Name of the Program	B.Tech (CSBS)	
Year of establishment	2020	

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	NIL			
Associate Professors	02			
Assistant Professors	09			
Total no. of Students	204			
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	127	77		

4. Faculty Information and Contributions

4.1 Name of the Program(s):

Total Faculty	
Required Faculty	12
Available Faculty	11
No. of PhDs	02

Professors	
Required Faculty	-
Available Faculty	0
No. of PhDs	

Associate Professors	
Required Faculty	02
Available Faculty	02
No. of PhDs	02

Assistant Professors	
Required Faculty	10
Available Faculty	09
No. of PhDs	00

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 18.18$$

$$\text{Student Faculty Ratio (SFR)}: \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 204/11 = 18.5$$

4.2 Faculty Publications

S. No.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1.	Kiran Kumar M	01	06			06	01	07	5	103
2.	V. Y. Bharadwaj	01	06			06	01	07	3	32
3.	Vorugan ti Sreevani		03			03		03	1	10

4.	Karuna Gudapalli		04			04		04	1	15
5.	Hajari Manu		01			01		01	1	12
6.	K. Monica Sowmya		01			01		01	1	8

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1.	Mr. V Y Bharadwaj	System and method based on Machine Learning to validate stem cells and their derivatives for use in cell therapy and tissue engineered products	india	202441 001753	Publised	09-02-2024

| | Mr. K. Mallikarjuna Raju | **AI driven Deep learning Model for predictive healthcar e Diagnosti cs** | india | **205210 25273 A** | publisd | **28-03-2025** |

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organizat ion	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
	Kiran Kumar					
	S Vijayakumar	**Transforme r-based OCR Model: A New Paradigm in Text Recognition .**	Audintel	2years	11,80,000/ -	11,80,000/ -

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

SNO	PARTICIPANT NAME	DEPARTMENT	NATURE OF THE PROGRAM (FDP/WORKSHOP/ TRAINING PROGRAMS/CONFERENCE ETC.)	NAME OF THE INSTITUTION (ORGANIZING)	LEVEL OF PROGRAM (NATIONAL/ INTERNATIONAL)	STATUS OF THE PROGRAM (OFFLINE / ONLINE)	DURATION OF THE PROGRAM (DD-MM-YYYY)	TITLE OF THE PROGRAM
1	DR K KIRAN KUMAR	CSBS	FDP	GRIET	SWAYAM	ONLINE	JAN-APR2025	BUSSINESS INTELLIGENCE AND ANALYTICS
2	DR K KIRAN KUMAR	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATIONAL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURITY
3	DR K KIRAN KUMAR	CSBS	FDP	GRIET	NATIONAL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING-PROBLEM & PROJECT BASED APPROACHES
4	DR K KIRAN KUMAR	CSBS	INTERNSHIP	AIMER SOCIETY	NATIONAL	ONLINE	20-JUN-2025	AI&CYBER SECURITY
5	DR K KIRAN KUMAR	CSBS	FDP	SWAYAM	NATIONAL	ONLINE	JAN-FEB 2025	PATENT DRAFTING FOR BEGINNERS
6	DR K KIRAN KUMAR	CSBS	FDP	CBIT	NATIONAL	ONLINE	19-MAY-2024 TO 24-MAY-2025	APPLIED DEEP LEARNING
7	DR.S.VIJAYA KUMAR	CSBS	FDP	INNOMATICS RESEARCH LABS	NATIONAL	ONLINE	07-APR-2025	DATA SCIENCE WITH GENAI.
8	DR S VIJAYA KUMAR	CSBS	FDP	MALAIVYA MISSION,IIT	NATIONAL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON

				M PRAVARTAK				CYBERSECURITY
9	MR Y BHARADWAJ	CSBS	FDP	TCS	NATION AL	ONLINE	01-JULY-2025	ARTIFICIAL INTELLIGENCE
10	MR Y BHARADWAJ	CSBS	FDP	IITDM&GRIET	NATION AL	ONLINE	10-MAR-2025 TO 21-MAR-2025	IOT&BLOCKCHAIN
11	MR Y BHARADWAJ	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURITY
12	MRS. KARUNA GUDAPALLI	CSBS	FDP	AICTE	NATION AL	ONLINE	20-JAN-2025 TO 25-JAN-2025.	SMART FARMING WITH MACHINE LEARNING: SUSTAINABLE PRACTICES FOR MODERN AGRICULTURE.
13	MS.YELURI PUJITHA SRI SAI VYSHNAVI MOHANA	CSBS	FDP	AICTE	NATION AL	ONLINE	20-JAN-2025 TO 25-JAN-2025..	SMART FARMING WITH MACHINE LEARNING: SUSTAINABLE PRACTICES FOR MODERN AGRICULTURE.
14	MRS. VORUGANTI SREEVANI	CSBS	FDP	AICTE	NATION AL	ONLINE	03-FEB-2025 TO 08-FEB-2025.	EXPLORING THE INTERSECTION OF BLOCKCHAIN TECHNOLOGY AND GENERATIVE AI: ADVANCEMENTS, APPLICATIONS, AND FUTURE DIRECTIONS

15	MRS. VORUGANTI SREEVANI	CSBS	FDP	KLH	NATIONAL	ONLINE	05-FEB-2025 TO 09-FEB-2025	ADVANCES IN DEEP LEARNING FOR IMAGE PROCESSING AND COMPUTER VISION
16	K MALLIKARJUNA RAJU	CSBS	FDP	INNOMATICS RESEARCH LABS	NATIONAL	ONLINE	07-APR-2025	DATA SCIENCE WITH GENAI.
17	DR VIJAY KUMAR	CSBS	FDP	GRIET	NATIONAL	ONLINE	23-MAY-2025	DESIGN THINKING
18	MR Y V BHARADWAJ	CSBS	FDP	GRIET	NATIONAL	ONLINE	23-MAY-2025	DESIGN THINKING
19	MR MALLIKARJUNA RAJU	CSBS	FDP	GRIET	NATIONAL	ONLINE	23-MAY-2025	DESIGN THINKING
20	MS VORUGANTI SREEVANI	CSBS	FDP	GRIET	NATIONAL	ONLINE	23-MAY-2025	DESIGN THINKING
21	MR Y V BHARADWAJ	CSBS	FDP	GRIET	NATIONAL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING- PROBLEM & PROJECT BASED APPROACHES
22	MR K MALLIKARJUN RAJU	CSBS	FDP	GRIET	NATIONAL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING- PROBLEM & PROJECT BASED APPROACHES
23	MS MANU HAZARI	CSBS	FDP	GRIET	NATIONAL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING- PROBLEM & PROJECT BASED APPROACHES
24	MS.YELURI PUJITHA SRI SAI VYSHNAVI MOHANA,	CSBS	FDP	GRIET	NATIONAL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING- PROBLEM & PROJECT BASED APPROACHES

25	MS VORUGANTI SREEVANI	CSBS	FDP	GRIET	NATION AL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING-PROBLEM & PROJECT BASED APPROACHES
26	MS G KARUNA	CSBS	FDP	GRIET	NATION AL	ONLINE	25-JUN-2025 TO 27-JUN 2025	EXPERIENTIAL LEARNING-PROBLEM & PROJECT BASED APPROACHES
27	MS G KARUNA	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
28	MS MANU HAZARI	CSBS	FDP	SWAYAM	NATION AL	ONLINE	JAN-APR2025	DATA ANALTYTICS WITH PYTHON
29	MS MANU HAZARI	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
30	MR. MALLIKARKUNA RAJU	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
31	MS G KARUNA	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
32	MS YPSSVMOHANA	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
33	MS VORUGANTI SREEVANI	CSBS	FDP	MALAIVYA MISSION,IIT M PRAVARTAK	NATION AL	ONLINE	05 MAY-2005 TO 9 MAY-2025	CAPACITY BUILDING PROGRAMME ON CYBERSECURIT Y
34	MS YPSSV MOHANA	CSBS	FIP	GRIET	INSTITUT E	OFFLINE	3-MAR-2025 TO 3-MAR-2025	FACULTY INDUCTION PROGRAM

35	MR K MALLIKARJUNA RAJU	CSBS	INTERNSHIP	AIMER SOCIETY	NATION AL	ONLINE	20-JUN-2025	AI&CYBER SECURITY
36	MS VORUGANTI SREEVANI	CSBS	FDP	GRIET	NATION AL	ONLINE	30-APR-2025	PROJECT BASED LEARNING
37	MS VORUGANTI SREEVANI	CSBS	WORKSHOP	GRIET	NATION AL	ONLINE	03-APR-2025 TO 13-APR-2025	AI&CYBER SECURITY
38	Ms G KARUNA	CSBS	FDP	SWAYAM	NATION AL	ONLINE	JAN-APR 2025	PYTHON FOR DATA SCIENCE

4.7 Faculty Certification

SNO	FACULTY NAME	FACULTY NPTEL CERTIFICATION	DATE/ DURATION	Agency
1	Dr M KIRAN KUMAR	BUSSINESS INTELLIGENCE AND ANALYTICS	JAN-APR2025	NPTEL
2	Ms G KARUNA	PYTHON FOR DATASCIENCE	JAN-FEB2025	NPTEL
3	Ms MANU HAZARI	DATA ANALYTICS WITH PYTHON	JAN-APR2025	NPTEL
4	Ms MANU HAZARI	PYTHON FOR DATA SCIENCE	JAN-FEB 2025	NPTEL

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1.	Dr S Vijayakumar	Guest lecture	Fuzzy Logic and its Applicatio ns using MATLAB	3 hours	Reva University	Online session

	Dr S Vijayakumr	Guet Lectre	Research methodlogy	3 hours	Ignit software training and academic research	Online

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): 204
EAMCET Starting Rank: 5257
EAMCET Closing Rank: 6362

No. of Students (PG):
Gate Starting Rank:
Gate Closing Rank:
PGCET stating Rank:
PGCET closing Rank:

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 66
No. of students graduated from the program (n) = 67
UG Success Rate: (m/n) * 100 = (66/67)*100 =98.5

No. of students admitted in corresponding first year (PG) (m1) = NA
No. of students graduated from the program (n1) = NA
PG Success Rate: m1/n1 * 100 = NA

5.3 Students Placements, Higher Studies, Entrepreneurships
No. of students who are placed = 40
No. of students went for higher studies = 02
Highest and mean packages received by the students = 01
No. of students with entrepreneurship details = 00
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 02

5.4 Students Activities

No. of Award Winning Students in Technical Events: 09
No. of Students Participated in Technical Events: 60
No. of Students Participated in Sports / Cultural Events: 05
No. of Students Participated in NSS Activities: 04

6. Curriculum Development

6.1 New Courses

UG:
No. of new courses introduced (Mention the Regulation) = 02
No. of courses with change in syllabus (if more than 20%) = 02

PG:
No. of new courses introduced (Mention the Regulation) =
No. of courses with change in syllabus (if more than 20%) =

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	OSC	G KARUNA		12	03	03	02
2	CS	DR M KIRAN KUMAR		12	04	03	02

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed

1.	BASH(II-I)	July, 2024 and November, 2024	30	Ms. Visweswari and Ms. Hareesha	No		72	60
2.	ANDROID APP USING KOTLIN(III-I)	July, 2024 and November, 2024	30	Ms. Visweswari and Ms. Hareesha	No		71	34
3.	JAVA BUSINESS APPLICATION(II-II)	January, 2025 to April, 2025	30	Ms. Visweswari and Ms. Hareesha	No		72	51
4.	LATEX (III-II)	January, 2025 to April, 2025	30	Ms. Visweswari and Ms. Hareesha	No		71	38

6.4 No. of Student Activities Organized by the Department:

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1.	Seminar	Picking a right international	25/09/2024	Rashna Bhojnani, Scholist		DS	56		offline

		university for higher education							
2.	Guest Lecture	Data Visualization	28/09/2024	K. Nireekshan, Hexaware Technologies		DS	120		offline
3.	Seminar	OBE Philosophy	22/10/2024	Dr. Prassana Lakhshmi, GRIET		DS	28		offline
4.	Alumni Talk	Future Perspectives of Placements	28/10/2024	P. Shreya, Paypal		DS	56		offline
5.	Guest Lecture	Azure Cloud	08/11/2024	Mr. Bikash Pal, TCS		DS	120		offline
6.	Guest Lecture	Mutual Funds Awareness	11/11/2024	Dr. B. Kandala, BSE		DS	65		offline
7.	Workshop	Virtual Lab Demonstration	19/11/2024	Mr. Ravi Shankar, Virtual Labs		DS	166		offline
8.	STTP	Generative AI Workshop using LLM	28/11/2024- 05/12/2024	Mr. P. Mohan, Tech Mahindra		DS	100		

9.	Alumni Talk	Navigating the job hunt – from campus to career	01/02/2025	Ashritha, GRIET		DS	54		offline
10.	Inaugural event	TECH TREK	15/2/2025	Dr. Madhu babu Bessetti, IEEE GRIET SB Education Society		DS	270		offline
11.	Guest Lecture	The role of AI in cybersecurity	28/02/2025	Lakshmi Vejandla, Pantech		Ds	86		offline
12.	Workshop	1 Week Workshop on Blockchain Certification & Hydera Course	03/03/205 - 07/03/2025	Ms. Nikita, IDS		DS	60		offline
13.	Seminar	Machine Learning & Its Industrial Application	17/03/2025	A. Hari Kishore, Infosys		DS	60		offline
14.	Seminar	Study in USA – Talk	19/03/2025	Robert Morley, ISGSU		DS	62		offline

		from Expert				DS			
15.	Seminar	CISCO - Seminar	29/03/2025	Dr.G.S.Bapi Raju, GRIET		DS	167		offline
16.	Workshop	AI & CyberSecurity Bootcamp	03/04/2025- 08/04/2025	Sai Satish, Indian Servers		DS	110		offline
17.	Guest Lecture	The Role of cybersecurity	19/04/2025	Sujay Gankidi, IEEE GRIET SB Education Society & Liberal Security Pvt.		DS	80		offline
18.	Debate	EduAI : High Voltage Debate	26/04/2025	Dr. B Phaneendra Babu, IEEE GRIET SB Education Society		DS	61		offline
19.	Innaugral	Microsoft Learn Student Club	02/05/2025	Venkata Talatam, Kodryx		DS	130		offline
20.	FDP	1 Week FDP on Design Thinking	19/05/2025– 23/05/2025	Shruti Mishra, TCS		DS	50		offline

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1.	Seminar	Picking a right international university for higher education	25/09/2024	Rashna Bhojnani, Scholist		DS	56		offline
2.	Guest Lecture	Data Visuallization	28/09/2024	K. Nireekshan, Hexaware Technologies		DS	120		
3.	Seminar	OBE Philosophy	22/10/2024	Dr. Prassana Lakhshmi, GRIET		DS	28		
4.	Alumni Talk	Future Perspectives of Placements	28/10/2024	P. Shreya, Paypal		DS	56		

5.	Guest Lecture	Azure Cloud	08/11/2024	Mr. Bikash Pal, TCS		DS	120		
6.	Guest Lecture	Mutual Funds Awareness	11/11/2024	Dr. B. Kandala, BSE		DS	65		
7.	Workshop	Virtual Lab Demonstration	19/11/2024	Mr. Ravi Shankar, Virtual Labs		DS	166		
8.	STTP	Generative AI Workshop using LLM	28/11/2024-05/12/2024	Mr. P. Mohan, Tech Mahindra		DS	100		
9.	Alumni Talk	Navigating the job hunt – from campus to career	01/02/2025	Ashritha, GRIET		DS	54		offline
10.	Inaugural event	TECH TREK	15/2/2025	Dr. Madhu babu Bessetti, IEEE GRIET SB Education Society		DS	270		offline
11.	Guest Lecture	The role of AI in cybersecurity	28/02/2025	Lakshmi Vejandla, Pantech		Ds	86		offline

12.	Workshop	1 Week Workshop on Blockchain Certification & Hydera Course	03/03/205 - 07/03/2025	Ms. Nikita, IDS		DS	60		offline
13.	Seminar	Machine Learning & Its Industrial Application	17/03/2025	A. Hari Kishore, Infosys		DS	60		offline
14.	Seminar	Study in USA – Talk from Expert	19/03/2025	Robert Morley, ISGSU		DS	62		offline
15.	Seminar	CISCO - Seminar	29/03/2025	Dr.G.S.Bapi Raju, GRIET		DS	167		
16.	Workshop	AI & CyberSecurity Bootcamp	03/04/2025- 08/04/2025	Sai Satish, Indian Servers		DS	110		
17.	Guest Lecture	The Role of cybersecurity	19/04/2025	Sujay Gankidi, IEEE GRIET SB Education Society & Liberal		DS	80		

				Security Pvt.					
18.	Debate	EduAI : High Voltage Debate	26/04/2025	Dr. B Phaneendra Babu, IEEE GRIET SB Education Society		DS	61		
19.	Innaugral	Microsoft Learn Student Club	02/05/2025	Venkata Talatam, Kodryx		DS	130		
20.	FDP	1 Week FDP on Design Thinking	19/05/2025– 23/05/2025	Shruti Mishra, TCS		DS	50		

Overview on Faculty Contribution and Development:

1.Faculty are actively involved in teaching, mentoring, and curriculum delivery as per the academic plan.

2. Faculty contribute to research through publications, patents, consultancy work, and industry-oriented projects.

3.Faculty regularly attend FDPs, workshops, internships, and certification programs to update technical and teaching skills.

4.Faculty support students through project guidance, internships, placements, and organizing academic activities.

Overview on Students Progression:

1. Students show steady academic progress with good results and regular promotion to higher semesters.

2.Many students get placed in companies, pursue higher studies, and qualify in competitive examinations.

3.Students actively participate in workshops, seminars, internships, and technical events to improve skills.

4.Student participation in co-curricular activities supports overall personality and career development.

Overview on Academic Activities:

1.Academic activities are conducted as per the academic calendar for smooth teaching and learning.

2. Guest lectures, workshops, seminars, and alumni talks are organized to enhance industry exposure.

3. Value-added courses and certification programs are offered to improve technical and employability skills.

4.Faculty provide mentoring and academic support to help students improve performance.

Suggestions for the areas of improvement:

1.Increase research publications and funded projects involving both faculty and students.

2. Encourage more student participation in national-level competitions, hackathons, and innovation programs.

Name of the Audit Member: Dr. T. ADITYA KUMAR
Designation: Assl. Prof
Name of the Institute: KMIT, Narayanaguda.

T. Aditya 17/12/25
Signature with date

Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Internal Quality Assurance Cell (IQAC)

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: CSE**

2. **Programs Offered:**

	UG	**PG**
Name of the Program	B.Tech (CSE)	M.Tech (CSE)
Year of establishment	1997	2007

3. **No. of Faculty & Students:**

Designation	**UG**		**PG**	
Professors	10		1	
Associate Professors	6		1	
Assistant Professors	56		4	
Total no. of Students	1290		24	
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	695	595	8	16

4. Faculty Information and Contributions

4.1 Name of the Program(s):

B Tech (CSE)

M.Tech CSE

Total Faculty	
Required Faculty	86
Available Faculty	79
No. of PhDs	18
Professors	
Required Faculty	13
Available Faculty	11
No. of PhDs	10

Associate Professors	
Required Faculty	9
Available Faculty	7
No. of PhDs	6
Assistant Professors	
Required Faculty	64
Available Faculty	60
No. of PhDs	2

$$\text{Faculty Qualification} = \frac{\textit{Total Number of Faculty with PhD in the Department}}{\textit{Total Number of Faculty Available}} \; x \; 100 = 22.78$$

$$\text{Student Faculty Ratio (SFR):} \; \frac{\textit{Total Number of Students (UG \& PG) in the Department}}{\textit{Total Number of Faculty Available in the Department}} = 16.39$$

4.2 Faculty Publications

S. N o.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-I nde x	No. of Citati ons
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Index ed in Othe rs					
1	Dr.B.Sank ara Babu		3			3		3	9	350
2	Dr.K.Anur adha		4			4		4	14	652

#	Name									
3	Dr.Ch.Mallikarjuna Rao		4	1		2	3	5	11	382
4	Dr.K.Madhavi			1			1	1	10	450
5	Prof.G.Mallikarjuna Rao		5	1		5	1	6	4	43
6	Dr.G.S.Bapiraju							0		
7	Dr.P.Chandra Sekhar Reddy		5			4	1	5	8	143
8	Dr.K.Butchi Raju		5			4		4	9	363
9	Dr.G.R.Sakthi Dharan		2			2		2	7	176
10	Dr.G.Charles Babu	3	11			10	4	14	9	356
11	Dr.P.Varaprasada Rao	1	2			2	1	3	6	53
12	R.Aruna Flarence							0	2	19
13	Dr.G.Ramesh	2	13			12	3	15	12	634
14	Dr.Ashlin Deepa R. N		7	1		7	2	9	6	144
15	Dr.V.Srilakshmi							0	7	150
16	Dr.Y.Krishna Bhargavi		4	1		3	1	4	2	23
17	Dr.D.Siri	1	12		1	11	3	14	4	58
18	Dr.N Krishna Chythanya	1	1			1	1	2	5	69
19	K. Anusha							0		
20	K. Adilakshmi							0	1	55
21	Sandhya.STGY							0		
22	R.Soujanya		4			4		4	4	50
23	Dr.B.Padma Vijetha Dev		1			1		1	2	19

No.	Name									
24	D.Suguna Kumari							0		
25	V.Keerthi		3			3		3		
26	B.Sindhuja							0		
27	B.S.Anil Kumar				1		1	1	2	22
28	Bh.Prashanthi	1	7			6	2	8	2	15
29	R.Shanmuka Shalini							0		
30	D.Ushasree		3			1	2	3	1	1
31	T.V.Suneetha		1			1		1	2	6
32	Dr.V.Srinivas		2			2		2		
33	C.Sravani		1			1		1	4	37
34	Sowjanya .Addu							0	1	4
35	N.Srihitha Gunapriya							0	1	1
36	G.Vandhana							0		
37	V.Ramya Manaswi							0		
38	Arunkumar							0		
39	G.Satish							0		
40	Apurva Khandekar							0	1	5
41	Tabitha Indupalli							0	1	2
42	Dr.Geeta Mahadeo Ambildhuke							0	3	38
43	V.Lakshmi							0		
44	V.Jyothi		2			2		2		
45	V.Swapna							0		
46	G.Neelima		6			3	3	6	2	10
47	P.Tara Kumari							0		
48	A.Nagender Babu							0	1	2
49	K.Chandra Mouli		10	1		10	1	11	2	13
50	H.Kalyan Rao		1			1		1		

No	Name								
51	B.Geetha Kumari		1			1		1		
52	N.Sashi Prabha							0		
53	G.Tavanya							0		
54	B.Divya							0		
55	B.Sravya							0	2	2
56	KVSL.Harika		2			2		2		
57	J.Lakshmi Prasanna		7			7		7		
58	J.Sravanthi		19			19		19	2	30
59	K.Lavanya							0		
60	S.Ritwika							0		
61	K.Srikanth							0		
62	G.Y.Vybhavi		8			8		8	3	31
63	P.Ravi Kumar							0		
64	S.Soujanya							0		
65	S.Asha Jyothi							0		
66	D.Pavithra		1			1		1		
67	Lohitha Mallireddy		1			1		1		
68	K.Divya Reddy							0		
69	K.Shilpa							0		
70	M.sravani							0		
71	Sayali Deshmukh							0		
72	O.Divya Jyothi							0		
73	A.Soumya							0		
74	Ch.Sireesha							0		
75	K.A.Sathish Kumar							0		

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1.	Dr.Nagaraju Krishna Chythanya	Design and Development of lot based Smart Electricity Monitoring and Control System	Indian	2025410 37515 A	2025 Published	09/05/2025
2.	Dr.Gajula Ramesh	Smart Glasses for Visually Impaired Individuals	Indian	2025410 00874 A	2025 Published	10/01/2025
3.	Dr.B Sankara Babu	Malaria Detection Using a Convolutional Neural Network: Separating Infected From Uninfected	Indian	2024410 80870 A	2024 Published	01/11/2024
4.	Dr.K Anuradha	Hybrid Convolutional Neural Networks for Detecting Lung Cancer From CT Images and Applying Support Vector Machine Classification	Indian	2024410 80869 A	2024 Published	01/11/2024
5.	DR.G Charles Babu	Intelligent System for Analysis of Live CCTV Video: Using Deep Learning to Identify Weapons	Indian	2024410 80868 A	2024 Published	01/11/2024

6.	Dr.Gajula Ramesh	Blockchain based System to Manage Patient Data in Healthcare Industry	Indian	2024410 80843 A	2024 Published	01/11/2024
7.	Dr.Gajula Ramesh	AI Based Action and Gesture Recognition Framework for Children Diagnosed With Cerebral Palsy	Indian	2024410 76938 A	2024 Published	25/10/2024
8.	Dr.K.Madhavi	Diabetes Detection and Diet Plan Recommendation in Healthcare Big Data Clouds: An Integrated Approach Using the Ensemble Framework	Indian	2024410 71959 A	2024 Published	04/10/2024

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1.	Dr N Krishna chytanya & Dr V Srinivas	Real Time Detection and Recognition of Telugu Characters from Sign Boards on Roads of Telugu Speaking States in India using OCR Technology.	Audintel India Pvt Ltd	2	11, 80, 000	11,80,000

				2	11, 80, 000	11,80,000
2.	Dr G Ramesh & Dr K Madhavi	Intelligent Optical Character Recognition (OCR) for Enhanced Search and Content Management in Digitized Documents	Audintel India Pvt Ltd			
3.	Dr. G. Ramesh- Prof. Nitin Rameshrao Kotkunde- Dr. B. Tanya	Automated Defect Detection in Steering and Components Suspension Using Image Analysis	AMPLE AUTO TECH PVT.LTD.	2	13,80,600	13,80,600
4.	Dr B Sankar Babu & Dr Krishna Mohan	Topology Optimization of Die Design for Additive Manufacturing: Design and Analysis	Ample Auto Tek Pvt Ltd	2	23,60,000	23,60,000
5.	Dr Vara Prasad & Dr Anitha Lakshmi	Optimization of Process Parameters on Tig Welded Dissimilar Materials of AL6061 and AL8011 for Battery Tray Application using Machine Learning	Ample Auto Tek Pvt Ltd	2	23,60,000	23,60,000

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
1	Prof. Mallikarjuma Rao Gundavarapu	High Performance Computing (HPC) Under AICTE-SANKALP	05-07-2024	1	GRIET	Offline
2	Dr B Sankara Babu	High Performance Computing (HPC) Under AICTE-SANKALP	05-07-2024	1	GRIET	Offline
3	A Nagender Babu	High Performance Computing (HPC) Under AICTE-SANKALP	05-07-2024	1	GRIET	Offline
4	R Aruna Flarence	High Performance Computing (HPC) Under AICTE-SANKALP	05-07-2024	1	GRIET	Offline
5	Dr. Y. Krishna Bhargavi	High Performance Computing (HPC) Under	05-07-2024	1	GRIET	Offline

		AICTE-SANKA LP				
6	Kaithapuram Srikanth	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
7	Pasupuleti Pavani	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
8	Jajimoggala Sravanthi	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
9	Javvadi Lakshmi Prasanna	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
10	Bh.Prashanthi	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
11	DIVYA BOYA	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline

12	Sravya Boya	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
13	B.Narendra Achari	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
14	P Ravi Kumar	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
15	Voruganti sreevani	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
16	B GEETHA KUMARI	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
17	S. SOUJANYA	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024	1	GRIET	Offline
18	Danaveni Pavithra	High Performance Computing (HPC) Under 05-07-2024	1	GRIET	Offline

		AICTE-SANKA LP				
19	lohitha mallireddy	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
20	Panyam Aditya Sharma	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
21	A Anil Kumar Reddy	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
22	S Asha Jyothi	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
23	V V Swamy	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline
24	KVSL Harika	High Performance Computing (HPC) Under AICTE-SANKA LP	05-07-2024	1	GRIET	Offline

25	S Ritwika	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024		1		GRIET	Offline
26	Dr. D Siri	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024		1		GRIET	Offline
27	D Swathi	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024		1		GRIET	Offline
28	Dr. S Vijaya Kumar	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024		1		GRIET	Offline
29	G Satish	High Performance Computing (HPC) Under AICTE-SANKALP 05-07-2024		1		GRIET	Offline
30	Ashlin Deepa RN	Summer School on AI	01-07-2024 to 07-07-2024	8		IIIT-Hyd	Online
31	A Nagender Babu	Intensive Faculty Training Program On	(5 Day) 05-08-2024 to 09-08-2024	5		GRIET	Offline

		COMPUTER NETWORKS LAB				
32	D Swathi	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
33	H Kalyan Rao	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
34	Jajimoggala Sravanthi	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
35	Lohitha Mallireddy	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
36	Sravya Boya	Intensive Faculty Training Program	(5 Day)	5	GRIET	Offline

		On COMPUTER NETWORKS LAB	05-08-2024 to 09-08-2024			
37	Kaithapuram Srikanth	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
38	Pasupuleti Pavani	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
39	Sirapu Ashajyothi	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
40	K Lavanya	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline

41	Danaveni Pavithra	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
42	P Ravi Kumar	Intensive Faculty Training Program On COMPUTER NETWORKS LAB	(5 Day) 05-08-2024 to 09-08-2024	5	GRIET	Offline
43	R Aruna Flarance	FDP On Data Visualization using Tableau	(6 Day) 19-08-2024 to 24-08-2024	6	GRIET	Online
44	B Sankara Babu	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
45	KVSL.HARIKA	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
46	S Ritwika	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
47	V JYOTHI	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline

48	V.lakshmi	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
49	Tabitha Indupalli	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
50	NIMMALA SRIHITHA GUNAPRIYA	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
51	V Swapna	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
52	G Mallikarjuna Rao	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
53	A Nagender Babu	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
54	K Srikanth	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
55	G Satish	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
56	B Sindhuja	Guest Lecture On Cyber Security	(1 Day) 28-09-2024	1	GRIET	Offline
57	J sravanthi	SEP @360-A Virtual FDP on Skill Enhancement	(5 Day)	5	Stella Matutina	Offline

		Program for Teachers	02-09-2024 to 06-09-2024		College of Education	
58	H Kalyan Rao	Data Science and Machine Learning Applications for Engineering and Sciences at Shri Vishnu College Of Engineering for Women, Bhimavaram	21-10-2024 to 27-10-23	8	Shri Vishnu College Of Engineering for Women, Bhimavaram	Online
59	K.Shilpa	Data Science and Machine Learning Applications for Engineering and Sciences at Shri Vishnu College Of Engineering for Women, Bhimavaram	21-10-2024 to 27-10-23	8	Shri Vishnu College Of Engineering for Women, Bhimavaram	Online
60	K CHANDRA MOULI	NPTEL PROGRAMMING IN JAVA	July - October 2024	120	NPTEL IIT MADRAS	Online
61	K.Shilpa	Generative AI and It's Applications	october-November 2024	60	Edux labs & Mechania IIT Madras	Online
62	B Sankara Babu	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
63	A Nagender Babu	Guest Lecture On Preparing for Immersive	(1 Day) 15-11-2024	1	GRIET	Offline

		AR & VR Technologies				
64	Dr G Charles Babu	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
65	N Krishna Chytanya	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
66	Dr P Varaprasad Rao	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
67	P Ravi Kumar	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
68	KVSL Harika	Guest Lecture On Preparing for Immersive AR & VR Technologies	(1 Day) 15-11-2024	1	GRIET	Offline
69	B Sankara Babu	Career Planning for Success	19-11-2024	1	GRIET	Offline

70	A Nagender Babu	Career Planning for Success	19-11-2024	1	GRIET	Offline
71	Dr G Charles Babu	Career Planning for Success	19-11-2024	1	GRIET	Offline
72	Dr P Varaprasad Rao	Career Planning for Success	19-11-2024	1	GRIET	Offline
73	P Ravi Kumar	Career Planning for Success	19-11-2024	1	GRIET	Offline
74	Dr Y Krishna Bhargavi	Career Planning for Success	19-11-2024	1	GRIET	Offline
75	Bh Prashanthi	Career Planning for Success	19-11-2024	1	GRIET	Offline
76	A Nagender Babu	Cyber Security by Zscaler Academy in assiociation with SDC	27-11-2024 to 29-11-2024	3	GRIET	Offline
77	A Nagender Babu	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
78	Dr.G.Charles Babu	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
79	Dr.G.S.Bapi Raju	DEVELOPMENT T	(5 Day)	5	GRIET	Offline

		OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
80	Dr.P.Chandra Sekhar Reddy	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
81	Dr.Ashlin Deepa R N	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
82	Dr.V.Srilakshmi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
83	Dr.Y.KrishnaBhargavi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
84	Dr P Varaprasada Rao	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
85	R Soujanya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Online
86	Bh. Prashanthi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
87	B. Sindhuja	DEVELOPMENT T	(5 Day)	5	GRIET	Offline

		OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
88	D. Ushasree	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
89	G. Neelima	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
90	A.Anil Kumar Reddy	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
91	H.Kalyan Rao	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
92	P Ravi Kumar	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
93	T.V.Suneetha	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
94	B.Geetha Kumari	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
95	Danaveni Pavithra	DEVELOPMENT T	(5 Day)	5	GRIET	Offline

			OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
96	Dharmapuri Siri	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Online
97	Divya Boya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
98	Dr.B.Padma Vijetha Dev	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
99	Jajimoggala Sravanthi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
100	K.Anusha	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
101	K.lavanya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
102	KVSL Harika	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5		GRIET	Offline
103	lohitha mallireddy	DEVELOPMENT T	(5 Day)	5	GRIET		Offline

		OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
104	R Aruna Flarence	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
105	S Ritwika	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
106	S. Soujanya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
107	Satish Garigipati	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Online
108	Shilpa Kancharla	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
109	Sirapu Ashajyothi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
110	Sravya Boya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
111	V JYOTHI	DEVELOPMENT	(5 Day)	5	GRIET	Offline

		OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
112	V RAMYA MANASWI	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
113	v.lakshmi	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
114	K ADI LAKSHMI	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
115	K DIVYA REDDY	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
116	Kathi Chandra Mouli	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
117	C Sravani	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
118	N Srihitha Gunapriya	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Online
119	Addu Sowjanya	DEVELOPMENT T	(5 Day)	5	GRIET	Offline

		OPERATIONS(DevOps)	09-12-2024 to 13-12-2024			
120	I Tabitha	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
121	Dr B Sankara Babu	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
122	Prof G Mallikarjuna Rao	DEVELOPMENT OPERATIONS(DevOps)	(5 Day) 09-12-2024 to 13-12-2024	5	GRIET	Offline
123	K.Shilpa	Harnessing Al for Healthcare Transformation	16-12-2024 to 18-12-2024	3	IIT HYDERABA D	Offline
124	Dr. Ch. Mallikarjuna Rao	Harnessing Al for Healthcare Transformation	16-12-2024 to 18-12-2024	3	IIT Hyderabad	Offline
125	Dr. Ch. Mallikarjuna Rao	Revolutionizing Learning hands on with GenerativeAI and LLMS	9-12-2024 to 14-12-2024	6	SVR Engineering College	Offline
126	G Y Vybhavi	Harnessing Al for Healthcare Transformation	16-12-2024 to 18-12-2024	3	IIT Hyderabad	Offline
127	Dr.Y.Krishna Bhargavi	"NEP 2020 Orientation & Sensitization Programme – 18" under Malaviya Mission Teacher Training	2-12-2024 to 10-12-2024	8	JNTUH	Offline

		Programme (MM-TTP) of University Grants Commission (UGC)				
128	Dr B Sankara Babu	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
129	Prof G Mallikarjuna Rao	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
130	Dr G Charles Babu	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
131	Dr Y Krishna Bhargavi	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and	20/01/2025 to 25/01/2025	6	GRIET	Offline

		EY Global Delivery Services				
132	D Usha Sree	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
133	A Nagender Babu	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
134		Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
135	Dr.P.Chandra Sekhar Reddy	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline

136	Dr.Ashlin Deepa R N	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
137	Dr.V.Srilakshmi	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
138	Dr.Y.KrishnaBhargavi	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
139	Dr P Varaprasada Rao	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
140	R Soujanya	Building Web Development	20/01/2025 to 25/01/2025	6		GRIET	Offline

		Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services				
141	Bh. Prashanthi	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
142	B. Sindhuja	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
143	G. Neelima	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
144	B.Geetha Kumari	Building Web Development Solutions with Cloud Computing-	20/01/2025 to 25/01/2025	6	GRIET	Offline

		TASK, Edunet Foundation, and EY Global Delivery Services					
145	Danaveni Pavithra	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
146	Dharmapuri Siri	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
147	Divya Boya	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
148	Jajimoggala Sravanthi	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global	20/01/2025 to 25/01/2025	6		GRIET	Offline

		Delivery Services				
149	K.lavanya	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
150	KVSL Harika	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
151	lohitha mallireddy	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
152	R Aruna Flarence	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline

153	S Ritwika	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
154	S. Soujanya	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
155	Satish Garigipati	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
156	Shilpa Kancharla	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
157	Sirapu Ashajyothi	Building Web Development	20/01/2025 to 25/01/2025	6	GRIET	Offline

		Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services				
158	Sravya Boya	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
159	V JYOTHI	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
160	V RAMYA MANASWI	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
161	v.lakshmi	Building Web Development Solutions with Cloud Computing-	20/01/2025 to 25/01/2025	6	GRIET	Offline

		TASK, Edunet Foundation, and EY Global Delivery Services					
162	K ADI LAKSHMI	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
163	K DIVYA REDDY	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
164	Kathi Chandra Mouli	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6		GRIET	Offline
165	C Sravani	Building Web Development Solutions with Cloud Computing-TASK, Edunet Foundation, and EY Global	20/01/2025 to 25/01/2025	6		GRIET	Offline

S.No	Name	Course	Duration		Agency	Mode
		Delivery Services				
166	N Srihitha Gunapriya	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
167	Addu Sowjanya	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline
168	I Tabitha	Building Web Development Solutions with Cloud Computing- TASK, Edunet Foundation, and EY Global Delivery Services	20/01/2025 to 25/01/2025	6	GRIET	Offline

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency	
169			7		
1	A Nagender Babu	NEP 2020 Orientation & Sensitization Programme	02/01/2025 to 08/01/2025	JNTUH	Offline
	T.V.Suneetha	Introduction to Generative AI	05-Jun-24	Coursera	
170			6		
2	T.V.Suneetha	AI For Everyone	05-Jun-24	Coursera	
3	Usha Sree	Advances In Deep Learning For Image Processing And Computer Vision	06-Jun-24	Infosys Springboard	
	A Nagender Babu	Implementing Deep Learning: Optimized	05-02-2025 To 09-02-2025	KL UNIVERSITY- HYDERABAD	Offline

		Deep Learning Applications		
4	geetha kumari	Decision Trees using R	06-Jun-24	Infosys Springboard
5	DIVYA BOYA	Decision Trees using R	06-Jun-24	Infosys Springboard
6	Sravanthi Jajimoggala	Decision Trees using R	06-Jun-24	Infosys Springboard
7	Lakshmi Prasanna J	Decision Trees using R	06-Jun-24	Infosys Springboard
8	Lakshmi Prasanna J	CompTIAA+ Core 2: Operating System & Network Management	06-Jun-24	Infosys Springboard
9	Lakshmi Prasanna J	Command Line Interface & Operating System	06-Jun-24	Infosys Springboard
10	lakshmi vegesna	Robotics Course	06-Jun-24	Infosys Springboard
11	lakshmi vegesna	Experiment5 - Voice Controlled Robot - [Skyrim Kit]	06-Jun-24	Infosys Springboard
12	lakshmi vegesna	Introduction to Machine Learning	07-Jun-24	Infosys Springboard
13	Indu Priya Balappagari	Implementing Deep Learning: Optimized Deep Learning Applications	07-Jun-24	Infosys Springboard
14	Indu Priya Balappagari	R Programming Fundamentals	07-Jun-24	Infosys Springboard

15	Sravanthi Jajimoggala	Software Engineering and Agile software development	07-Jun-24	Infosys Springboard
16	Tavanya Gunda	Decision Trees using R	07-Jun-24	Infosys Springboard
17	geetha kumari	Software Engineering and Agile software development	10-Jun-24	Infosys Springboard
18	Anusha Ms k	Introduction to Machine Learning	10-Jun-24	Infosys Springboard
19	Usha Sree	Artificial Intelligence: Types of Artificial Intelligence	10-Jun-24	Infosys Springboard
20	Aruna Ms r flarence	Introduction to Machine Learning	10-Jun-24	Infosys Springboard
21	DIVYA BOYA	pyspark	11-Jun-24	Infosys Springboard
22	Sowjanya Addu	Robotics Course	11-Jun-24	Infosys Springboard
23	Ramya manaswi Velpuri	Decision Trees using R	11-Jun-24	Infosys Springboard
24	Ramya manaswi Velpuri	Regression Analysis	11-Jun-24	Infosys Springboard
25	Dr.Padma Vijetha Dev B	Robotics Course	11-Jun-24	Infosys Springboard

26	Dr.Padma Vijetha Dev B	Demystifying Generative AI for Leaders	11-Jun-24	Infosys Springboard
27	Prashanthi Ms bh	Python Machine Learning in 7 Days	13-Jun-24	Infosys Springboard
28	Prashanthi Ms bh	Experiment5 - Voice Controlled Robot - [Skyrim Kit]	13-Jun-24	Infosys Springboard
29	Prashanthi Ms bh	Robotics Course	13-Jun-24	Infosys Springboard
30	Nagender Babu A	Decision Trees using Python	13-Jun-24	Infosys Springboard
31	Dr.Y Krishna Bhargavi	Experiment5 - Voice Controlled Robot - [Skyrim Kit]	13-Jun-24	Infosys Springboard
32	Dr.Y Krishna Bhargavi	Robotics Course	13-Jun-24	Infosys Springboard
33	Tavanya Gunda	Regression Analysis	14-Jun-24	Infosys Springboard
34	Sravani C	Decision Trees using R	14-Jun-24	Infosys Springboard
35	Apurva Ms khandekar	Power of Networking	02-Jul-24	Infosys Springboard
36	H.Kalyan rao	introduction to cloud computing	02-Jul-24	Ec-councll
37	H.Kalyan rao	Generative AI	18-Jul-24	Oracel

38	H.Kalyan rao	cloud infrastructure and generative AI	18-Jul-24	Oracel
39	K A Sathish Kumar	Programming in Python	21-Jun-25	Swayam
40	Sowjanya Addu	Experiment5 - Voice Controlled Robot - [Skyrim Kit]	26-Jul-24	Infosys Springboard
41	Sindhuja Boda	AWS-DGL-SS-AWS	29-Jul-24	Infosys Springboard
42	Sravanthi Jajimoggala	introduction to cloud computing	30-Jul-24	Ec-councll
43	K.A.Sathish Kumar	Python for Data Science	jul-agu-2024	NPTEL
44	Geetha Padole	Data Structures and Algorithms using Python	JUL-Sep-2024	NPTEL
45	Sindhuja Boda	Java Spring Boot	18-Aug-24	Infosys Springboard
46	Dr.G.Ramesh	Introduction to Artificial Intelligence	26-Aug-24	Infosys Springboard
47	Nagender Babu A	Introduction to Deep Learning	20-Sep-24	Infosys Springboard
48	Dr.G.Ramesh	Basics of Linear Algebra using Python	21-Sep-24	Infosys Springboard
49	Dr.G.Ramesh	Introduction to Data Science	21-Sep-24	Infosys Springboard

50	Dr.G.Ramesh	Machine Learning Fundamentals	21-Sep-24	Infosys Springboard
51	Dr.G.Ramesh	Programming Fundamentals using Python - Part 1	21-Sep-24	Infosys Springboard
52	Dr.G.Ramesh	Python for Data Science	21-Sep-24	Infosys Springboard
53	Dr.K.Madhavi	Basics of Linear Algebra using Python	22-Sep-24	Infosys Springboard
54	Dr.K.Madhavi	Statistical Inference using Python	22-Sep-24	Infosys Springboard
55	Dr.K.Madhavi	Programming Fundamentals using Python - Part 1	22-Sep-24	Infosys Springboard
56	Dr.K.Madhavi	Python for Data Science	22-Sep-24	Infosys Springboard
57	Dr.K.Madhavi	Probability Distribution using Python	22-Sep-24	Infosys Springboard
58	Dr.K.Madhavi	Explore Machine Learning using Python	22-Sep-24	Infosys Springboard
59	Dr.K.Madhavi	Data Visualisation using Python	22-Sep-24	Infosys Springboard
60	Dr.K.Madhavi	Machine Learning Fundamentals	22-Sep-24	Infosys Springboard

61	Dr.K.Madhavi	Introduction to Natural Language Processing	22-Sep-24	Infosys Springboard
62	Dr.K.Madhavi	Introduction to Deep Learning	22-Sep-24	Infosys Springboard
63	Dr.K.Madhavi	Introduction to Data Science	22-Sep-24	Infosys Springboard
64	Dr.K.Madhavi	Introduction to Artificial Intelligence	22-Sep-24	Infosys Springboard
65	Haarika Karibandi	Data Behind LLMs	23-Sep-24	Infosys Springboard
66	Dr.G.Ramesh	Data Visualisation using Python	24-Sep-24	Infosys Springboard
67	Dr.G.Ramesh	Probability and Statistics using Python	24-Sep-24	Infosys Springboard
68	Dr.G.Ramesh	Regression Analysis	24-Sep-24	Infosys Springboard
69	Dr.G.Ramesh	Statistical Inference using Python	25-Sep-24	Infosys Springboard
70	Dr.G.Ramesh	Explore Machine Learning using Python	25-Sep-24	Infosys Springboard
71	Dr.G.Ramesh	Introduction to Deep Learning	25-Sep-24	Infosys Springboard
72	Dr.G.Ramesh	Introduction to Natural Language Processing	25-Sep-24	Infosys Springboard

73	Dr.G.Ramesh	Probability Distribution using Python	25-Sep-24	Infosys Springboard
74	K Chandra Mouli	Programming in JAVA	01-Oct-24	NPTEL
75	Dr.G Charles Babu	Access Management	08-Oct-24	AWS
76	Dr.G Charles Babu	shared Responsibility	09-Oct-24	AWS
77	Dr.G Charles Babu	Google Cloud Digital Leader	11-Oct-24	AWS
78	Haarika Karibandi	3D Neural Network Visualization with TensorSpace	16-Oct-24	Infosys Springboard
79	Haarika Karibandi	Machine Learning Pipelines with Azure ML Studio	16-Oct-24	Coursera
80	v.jyothi	Machine Learning Pipelines with Azure ML Studio	16-Oct-24	Coursera
81	v.jyothi	3D Neural Network Visualization with TensorSpace	16-Oct-24	Coursera
82	Sravanthi Jajimoggala	Introduction to Cyber Security	16-Oct-24	Infosys Springboard
83	Haarika Karibandi	Parameter Efficient Fine Tuning-PEFT	18-Oct-24	Infosys Springboard

84	SRAVYA BOYA	Introduction to Agile methodology	18-Oct-24	Infosys Springboard
85	Haarika Karibandi	Agile Project Management	22-Oct-24	HP Life
86	Haarika Karibandi	Data Science & Analytics	22-Oct-24	HP Life
87	Haarika Karibandi	Practical Deep Learning on the Cloud	22-Oct-24	Infosys Springboard
88	v.jyothi	Data Science & Analytics	23-Oct-24	HP Life
89	Haarika Karibandi	Machine Learning with Scala	24-Oct-24	Infosys Springboard
90	v.jyothi	Machine Learning with Scala	24-Oct-24	Infosys Springboard
91	Haarika K	Build a computervision app with Azure services	24-Oct-24	Microsoft
92	Haarika Karibandi	Regression Analysis using R	24-Oct-24	Infosys Springboard
93	v.jyothi	Regression Analysis	26-Oct-24	Infosys Springboard
94	v.jyothi	Decision Trees using R	26-Oct-24	Infosys Springboard
94	Dr B Sankara Babu B	Angular	26-Oct-24	Infosys Springboard

96	SRAVYA BOYA	Mobile App Development using Flutter	04-Nov-24	Infosys Springboard
97	B.Geetha Kumari	Mobile App Development using Flutter	26-Nov-24	Infosys Springboard
98	Nagender Babu A	Introduction to Networking for Cyber Professionals	27-Nov-24	zscsaler
99	Neelima G	Decision Trees using Python	09-Apr-25	Infosys Springboard
100	Dr Ch Mallikarjuna Rao	Fundamentals of Sequence Model: Artifi cial Neural Network & Sequence modeling	09-Apr-25	Infosys Springboard
101	Geetha Kumari Geetha Kumari	Continuous Integration and Delivery - DevOps	09-Apr-25	Infosys Springboard
102	SRAVYA BOYA	Decision Trees using Python	09-Apr-25	Infosys Springboard
103	SRAVYA BOYA	Fundamentals of Information Security	09-Apr-25	Infosys Springboard
104	D Ushasree	Fundamentals of Sequence Model: Artifi cial Neural Network & Sequence modeling	09-Apr-25	Infosys Springboard
105	D Ushasree	Cyber Security Audits	09-Apr-25	Infosys Springboard

106	V.Lakshmi	Cloud Computing Essentials	09-Apr-25	Infosys Springboard
107	Lohitha Lohitha	PyTorch for AI	09-Apr-25	Infosys Springboard
108	SRAVYA BOYA	Introduction to Continuous Testing in DevOps	10-Apr-25	Infosys Springboard
109	Lohitha	Introduction to Continuous Testing in DevOps	10-Apr-25	InfosysSprin board
110	Lohitha	Networking and Web Technology	10-Apr-25	Infosys Springboard
111	Sindhuja Boda	Computer Vision 101	10-Apr-25	Infosys Springboard
112	Sowjanya Addu	Introduction to Agile methodology	10-Apr-25	Infosys Springboard
113	V.Lakshmi	Introduction to Agile methodology	10-Apr-25	Infosys Springboard
114	B.Geetha Kumari	Fundamentals of Information Security	10-Apr-25	Infosys Springboard
115	B.Geetha Kumari	Introduction to Continuous Testing in DevOps	10-Apr-25	Infosys Springboard
116	B.Geetha Kumari	Decision Trees using Python	10-Apr-25	Infosys Springboard

117	Sravanthi Jajimoggala	Azure Data Fundamentals: Azure Data Visualization	10-Apr-25	Infosys Springboard
118	T.V.Suneetha	Artifi cial Neural Network & Sequence modeling	10-Apr-25	Infosys Springboard
119	Dr Srinivas Varanasi	Blockchain 101	10-Apr-25	Infosys Springboard
120	Dr.P.Chandra Sekhar Redd	Internet of Things 101	10-Apr-25	Infosys Springboard
121	A. Sowmya	Learn Programming with Java - An Interactive Way	10-Apr-25	Infosys Springboard
122	Dr.P.Chandra Sekhar Redd	Blockchain 101	10-Apr-25	Infosys Springboard
123	Sravanthi Jajimoggala	Advanced NLP Using spaCy & Scikit-learn	11-Apr-25	Infosys Springboard
124	Allanagara Gayatri	Next Gen Technologies	11-Apr-25	Infosys Springboard
125	Dr Ch Mallikarjuna Rao	Cyber Security Audits	11-Apr-25	Infosys Springboard
126	Nagender Babu A	OpenAI Generative Pre-trained Transformer 3 (GPT-3) for developers	11-Apr-25	Infosys Springboard

127	Sowjanya Addu	Experiment4 - Self balancing Bot - [Skyrim Kit]	11-Apr-25	Infosys Springboard
128	K A SATHISH KUMAR	Basics of Python	13-Apr-25	Infosys Springboard
129	K A SATHISH KUMAR	Deep Learning and Neural Networks	14-Apr-25	Infosys Springboard
130	Dr.V.srilakshmi	Blockchain 101	15-Apr-25	Infosys Springboard
131	Apurva Ms khandekar	Continuous Integration and Delivery - DevOps	15-Apr-25	Infosys Springboard
132	K A SATHISH KUMAR	Introduction to Machine Learning	15-Apr-25	Infosys Springboard
133	Ashajyothi Sirapu	ChatGPT Generative AI For Business Leaders | Gen AI Primer	15-Apr-25	Infosys Springboard
134	Ashajyothi Sirapu	Generative AI on AWS: Deploying & Managing GenAI Services on AWS	15-Apr-25	Infosys Springboard
135	Dr.P.Varaprasad rao	Data Science	15-Apr-25	Infosys Springboard
136	Padma Vijetha Dev B	Introduction to Agile methodology	15-Apr-25	Infosys Springboard
137	Padma Vijetha Dev B	Fundamentals of Information Security	15-Apr-25	Infosys Springboard

140	Raga chandrika	Generative AI for All	16-Apr-25	Infosys Springboard
141	Sayali Deshmukh	Java Concepts	16-Apr-25	Infosys Springboard
142	Dr Srinivas Varanasi	Decision Trees using R	17-Apr-25	Infosys Springboard
143	Neelima G	Blockchain 101	17-Apr-25	Infosys Springboard
144	Neelima G	PyTorch for AI	17-Apr-25	Infosys Springboard
145	Dr.P.Chandra Sekhar Redd	Basics of Python	17-Apr-25	Infosys Springboard
146	A. Sowmya	Java Essentials	17-Apr-25	Infosys Springboard
147	ramyaswaetha shoda	SQL Transactions	18-Apr-25	Infosys Springboard
148	ramyaswaetha shoda	Introduction to Java	18-Apr-25	Infosys Springboard
149	Shamal Bulbule	3D Neural Network Visualization with TensorSpace	19-Apr-25	Infosys Springboard
150	A. Sowmya	Learning Full Stack Development	19-Apr-25	Infosys Springboard
151	A. Sowmya	Machine Learning with MATLAB	19-Apr-25	Infosys Springboard

152	A. Sowmya	Introduction to Software Testing	19-Apr-25	Infosys Springboard
153	oruganti Divyajyothi	Java Hibernate	20-Apr-25	Infosys Springboard
154	oruganti Divyajyothi	Blockchain 101	21-Apr-25	Infosys Springboard
155	Shamal Bulbule	Deep Learning With Python	26-Apr-25	Infosys Springboard
156	.Dr.SIRI DHARMAPU RI	3D Neural Network Visualization with TensorSpace	26-Apr-25	Infosys Springboard
157	Dr.SIRI DHARMAPU RI	Software Engineering	28-Apr-25	Infosys Springboard
158	Sravani C	Continuous Integration and Delivery - DevOps	12-Mar-25	Infosys Springboard
159	Sowjanya Addu	Continuous Integration and Delivery - DevOps	12-Mar-25	Infosys Springboard
160	V.Lakshmi	Continuous Integration and Delivery - DevOps	12-Mar-25	Infosys Springboard

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students

No.of students (UG):681
EAMCET starting rank:2629
EAMCET closing rank:179796

No.of students (PG):12
Gate starting rank: NIL
Gate closing rank:NIL
PGCET starting Rank:302
PGCET closing Rank:1605

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 435
No. of students graduated from the program (n) = 399
UG Success Rate: n/m * 100 = 91.7

No. of students admitted in corresponding first year (PG) (m1) = 8
No. of students graduated from the program (n1) = 6
PG Success Rate: n1/m1 * 100 = 75

5.3 Students Placements, Higher Studies, Entrepreneurships

No. of students who are placed = 312*
No. of students went for higher studies = 21*
Highest and mean packages received by the students = 51.6 AND 4.5
No. of students with entrepreneurship details = 0
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) =12

5.4 Students Activities

No. of Award Winning Students in Technical Events:95
No. of Students Participated in Technical Events: 550
No. of Students Participated in Sports / Cultural Events:45

No. of Students Participated in NSS Activities: 75

6. Curriculum Development

6.1 New Courses

UG:

No. of new courses introduced (Mention the Regulation-GR24) = 13

No. of courses with change in syllabus (if more than 20%) = 0

PG:

No. of new courses introduced (Mention the Regulation-GR24) = 13

No. of courses with change in syllabus (if more than 20%) = 0

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No.of Weak Stude nts	No. Students attended	No.of Students passed
1.	Design and Analysis of algorithms	Dr.k.Madhavi Dr.K.Anuradha	5-12-24 to 10-12-24	5	30	25	19
2.	Full stack web development	A.Anil kumar Reddy	10-12-24 to 12-12-24	5	17	12	7

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1	Continuous Integration and Delivery - Devops	46	44	Dr.V.Srilakshmi	Infosys Spring Board	336	335
2	Mobile App Development using Flutter	44	44	K.Srikanth	Infosys Spring Board	321	320
3	Spoken Tutorials	40	44	Dr.Krishna Chaitanya	Infosys Spring Board	183	182

6.4 No. of Student Activities Organized by the Department:

S.No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline

1	Guest Lecture	Agentic AI	10/10/2025	Mr. Satish Kumar A.V. Founder | Advisor | Mentor | Stealth Startups	-	CSE Dept.	177	A Nagender Babu	Offline
2	Expert Talk	The Rise of Creator- Founder	08/10/2025	Mr. Subhajit Bhattacharya Associate Vice President - Innovation Principal, Accenture Advisory Council Member - Harvard Business Review (USA) Regional Mentor of Change - Atal Innovation Mission, NITI Aayog	-	CSE Dept.	267	A Nagender Babu	Offline
3	Guest Lecturer	AI Driven Innovation in Education	22/9/2025	Dr Sanjay Fuloria, Professor, ICFAI University, Hyderabad.	-	CSE Dept.	250	A Nagender Babu	Offline
4	Technical	Education Fair on Higher Studies	12/9/2025		-	CSE Dept.	200	Ms. B. Sindhuja	Offline
5	Technical	Preparation and benefits of the GATE exam for Higher Studies	29/7/2025	Mr. Dinesh from ACE academy	-	CSE Dept.	120	Ms. B. Sindhuja	Offline

Overview on Faculty Contribution and Development:

Faculty Participated in FDPs, Workshops and involved in research publications.

Overview on Students Progression:

The student's performance is good.

Overview on Academic Activities:

Organized Activities on Emerging Technologies

Suggestions for the areas of improvement:

+ Suggestion to organize an International conference.

Name of the Audit Member: Dr. R. Suneetha Rani
Designation: Professor
Name of the Institute: BVRIT Hyderabad College of Engineering for women

Signature with date   08/09/2025

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26   Audit Date:

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: Data Science**

2. **Programs Offered: CSDS and CSBS**

	UG	PG
Name of the Program	B.Tech (CSDS)	
Year of establishment	2020	

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	03			
Associate Professors	01			
Assistant Professors	23			
Total no. of Students	420			
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	271	149		

4. Faculty Information and Contributions

4.1 Name of the Program(s):

Total Faculty	
Required Faculty	18
Available Faculty	27
No. of PhDs	04

Professors	
Required Faculty	01
Available Faculty	03
No. of PhDs	03

Associate Professors	
Required Faculty	01
Available Faculty	01
No. of PhDs	01

Assistant Professors	
Required Faculty	16
Available Faculty	23
No. of PhDs	00

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 18.18$$

$$\text{Student Faculty Ratio (SFR):} \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 420/27 = 15.5$$

4.2 Faculty Publications

S. N o.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr S. Govinda Rao	01	03			01			7	190
2	M.V. Rama Sundari	02							7	189
3	DR R P Ram Kumar	03	06			06		09	7	218
4	K Kalpana		03			03		03	1	12
5	P sruthi		05			05		05	2	25
6	Rasi Saxena		03			01		03	2	35

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1.	Dr S Govinda Rao	Innovative system for reconstructing parasitized and uninfected images using a convolutional neural network for malaria detection	India	20244108 4482A	Published	08-11-2024
2.	Dr S Govinda Rao	Ride safeguard: a holistic approach to rider safety and demand prediction	India	20244104 1243A	Published	31-05-2024
3.	Dr S Govinda Rao	Python data analysis for school teaching	India	20244103 6143A	Published	17-05-2024
4.	Dr. R. P. ram Kumar	Improving Efl Students' Impromptu Speaking Performance And Learning Engagement In Higher Education With Machine Learning	India	20254103 4981A	Published	09-05-2025
5.	Dr. M. V. Rama Sundari	Efficient Resource Allocation for IoT Networks	India	20244101 1548	Published	08-03-2024

6.	Dr. M. V. Rama Sundari	Armaments Detection System using Automated Learning Algorithm	India	20244103 1091	Published	26-04-2024
7.	Dr. M. V. Rama Sundari	A Novel Approach to emotional health monitoring for the purpose of detecting people at danger of psychological disturbances	India	20244107 1957	Published	04-10-2024
8.	Mr. A Venugopal Rao	An intelligent approach detecting null time objects in images CNN and DTM		20254210 30009A	Published	23-04-2025
9.	Mr. A Venugopal Rao	Elevating file security through advanced multiple image stegonography		20254103 9009A	Published	23-03-2025
10.	Mr. A Venugopal Rao	IOT Based water quality monitoring system using Arduino		20254104 3427	Published	30-05-2025
11.	Mr. A Venugopal Rao	IOT Based cardiac arrythmia Detection Device using ECG		449915-001	Published	01-03-2025

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
	Dr S Govinda Rao	Analysis of traditional and Hybrid Machine Learning Approach for Battery Life Estimation in EVs	Ample Auto Tek Pvt Ltd		Rs. 11,80,000/-	Rs. 11, 80, 000/-
	Dr R P Ram Kumar	Hybrid Machine learning framework for real time tool wear detection and predictive maintenance in Manufacturing	Ample Auto Tek Pvt Ltd		Rs. 11,54,153/-	Rs. 11,54,153/-

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Participant Name	Department	Nature of the Program (FDP/Workshop/ Training Programs/Conference etc.)	Name of the Institution (Organizing)	Level of Program (National/ International)	Offline/ Online	Duration of the Program (DD-MM-YYYY)	Title of the Program
1.	Dr S Govinda Rao	DS	FDP	NPTEL IIT MADRAS	NATIONAL	Online	JULY-SEPT 2024	DATA SCIENCE FOR ENGINEERS
2.	Dr S Govinda Rao	DS	FDP	NPTEL IIT MADRAS	NATIONAL	Online	JULY-SEPT 2024	Introduction to Machine Learning
3.	Dr S Govinda Rao	DS	STTP	GRIET,	NATIONAL	Offline	29-11-2024 TO 05-12-2024	GENERATIVE AI
4.	Dr S Govinda Rao	DS	FDP	GRIET	NATIONAL	Offline	01/04/2024 TO 05/04/2024	Data Visualization using Tableau
5.	Dr S Govinda Rao	DS	FDP	GRIET	National	Offline	09/12/2024 to 13/12/2024	DEVOPS
6.	Dr S Govinda Rao	DS	Research Excellence Award	GRIET		Offline	22/11/2024	Research Excellence Award
7.	Dr M V Rama Sundari	DS	STTP	AICTE	National	Online	2/12/2024 To 22/12/2024	Java Full Stack

8.	Dr.R.P.Ram Kumar	DS	FDP	GRIET	National	Offline	19/08/2024 To 24/08/2024	Data Visualization using Tableau.
9.	Ms.K.Hareesa	DS	FDP	GATES Institute of technology ,Gooty	National	Online	29/01/2024 to 03/02/2024	Role of Big Data and Cloud of Transformation
10.	Ms.K.Kalpana	DS	FDP	KL University	International	Online	11/3/24 to 15/3/24	Advancements in Medical Imging through ML & DL
11.	Ms.T.Visweswari	DS	FDP	AICTE	National	Online	13/5/24 to 17/5/24	Inculcating universal human values in technical education
12.	Mr.Aditya sharma	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
13.	Ms.K.Hareesa	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
14.	Mr.VENKANNA	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
15.	Ms.Rashi saxsena	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
16.	Mr.VSK RAJU	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
17.	Ms.V.Manasa	DS	FDP	GRIET	National	Online	15/5/24 to 20/5/24	Generative AI & its Applications
18.	Ms.T.Visweswari	DS	FDP	NPTEL IIT MADRAS	National	Online	Jan-mar 2024	User-centric Computing for Human-

								Computer Interaction
19.	Ms.T.Visweswari	DS	FDP	AICTE	National	Online	13/5/24 to 17/5/24	InculcatingUniversal Human values in Technical Education
20.	Ms.T.Visweswari	DS	FDP	Sphoorthy eng college	National	Online	14/05/2024 to 18/05/2024	AI insights :Predictive power of ML,DL,NLP
21.	Ms.T.Visweswari	DS	FDP	GRIET	National	Offline	09/12/2024 to 13/12/2024	DEVOPS
22.	Mr.VSK RAJU	DS	FDP	GRIET, Hyderabad	National	Online	19/08/2024 to 24/08/2024	Data visualization using Tableau
23.	Mr.VSK RAJU	DS	FDP	CMR Engg college	National	Online	30/8/2024 TO 31/08/2024	Intelligent computing and communication ICICC
24.	Mr.VSK RAJU	DS	FDP	IQAC	National	Online	23/09/2024 to 29/09/2024	AI Tools for teaching
25.	Mr.VSK RAJU	DS	FDP	IQAC	National	Online	19/10/2024 to 21/10/2024	Research Methodology
26.	Ms.K.Hareesa	DS	FDP	Stanley college,Hyderabad	National	Online	25/10/2024 to 29/10/2024	Emerging technologies and their applications in CS
27.	Ms.K.Hareesa	DS	FDP	NPTEL	National	Online	7/7/2024	IIOTs

28.	Mr.VSK RAJU	DS	FDP	GRIET, Hyderabad	National	Online	09/12/2024 TO 13/12/2024	Development Operations
29.	Ms.M.Sunitha	DS	FDP	GRIET, Hyderabad	National	Offline	10/6/24 to 15/6/24	FIP
	P.Laxmi Shruthi	DS	FDP	GRIET	National	Offline	09/12/2024 to 13/12/2024	DEVOPS
30.	P.Laxmi Shruthi	DS	FDP	IQAC	National	Online	23/09/2024 to 29/09/2024	AI Tools for teaching
31.	Mahalakshmi	DS	FDP	GRIET	National	Offline	09/12/2024 to 13/12/2024	DEVOPS
32.	P.Sindhuja	DS	FDP	GRIET	National	Offline	09/12/2024 to 13/12/2024	DEVOPS
33.	Mr.Lakshmi Narayana	DS	FDP	GRIET, Hyderabad	National	Online	19/08/2024 to 24/08/2024	Data visualization using Tableau
34.	P.Sruthi Reddy	DS	FDP	MLRIT	National	Online	24/06/2024 TO 29/06/2024	Deep learning and IOT driven Smart Applications
35.	P.Sruthi Reddy	DS	FDP	TalentNext	National	Online	13/05/2024 to 30/05/2024	Java Full Stack
36.	K.Kalpana	DS	FDP	GRIET	National	Offline	19/8/2024 to 24/08/2024	Data Visualization using Tabllaeu
37.	P.Laxmi Shruthi	DS	FDP	GRIET	National	offline	15/05/2024 To	Generative AI and its Applications

								20/05/2024	
38.	Ms.Rashi saxena	DS	FDP	GRIET	National	Offline	19/08/2024 To 24/08/2024	Data Viisualization using Tableau
38.	P.Laxmi Shruthi	DS	FDP	PC college of Engineering and Research, Pune	National	Online	12/08/2024 to 19/08/2024	Machine Learning and Artificial Intelligence.
39.	Mr.K.Shobhan Babu	DS	FIP	GRIET	National	Online	10/06/2024to 15/06/2024	Faculty Induction Program
40.	Ms.M.Sunitha	DS	CERTIFICATE OF PARTICIPATION	JNTUH	National	Online	20/12/2024 to 31/12/2024	NEP 2020 Orientation & Sensitization Programme – 19
41.	P.Sruthi Reddy	DS	Course	GRIET	Pantech e Techonology	Online	08/05/2024 TO 28/05/2024	21 Days Masterclass on Data Science
42.	P.Sruthi Reddy	DS	Workshop	Vasavai college of engineering	National	Online	30/01/2024	DesignThinking tools for Problem definition & Project Ideation

4.7 Faculty Certification

SNO	FACULTY NAME	FACULTY NPTEL CERTIFICATION	DATE/ DURATION	Agency
1	Dr S GOVINDA RAO	MACHINE LEARNING FOR ENGINEERING AND SCIENCE APPLICATIONS	JAN-APR 2025	NPTEL
2	Dr S GOVINDA RAO	CLOUD COMPUTING AND DISTRIBUTED SYSTEMS	JAN-MAR 2025	NPTEL
3	Dr R P RAM KUMAR	DEEP LEARNING	JAN-APR 2025	NPTEL
5	Dr A ARUNA KUMARI	DATA ANALYTICS WITH PYTHON	JAN-APR 2025	NPTEL
6	Dr A ARUNA KUMARI	PYTHON FOR DATA SCIENCE	JAN-FEB 2025	NPTEL
7	Ms K KALPANA	DEEP LEARNING-IIT ROPAR	JAN-APR2025	NPTEL
9	Ms P SRUTHI REDDY	MACHINE LEARNING FOR ENGINEERING AND SCIENCE APPLICATIONS	JAN-APR 2025	NPTEL
10	Ms M SUNITHA	INTRODUCTION TO MACHINE LEARNING	JAN-APR2025	NPTEL
11	Ms RASHI SAXENA	BLOCKCHAIN AND ITS APPLICATIONS	JAN-APR 2025	NPTEL
12	Mr VSRK RAJU	MACHINE LEARNING FOR ENGINEERING AND SCIENCE APPLICATIONS	JAN-APR2025	NPTEL
13	Ms LAKSHMI SRUTHI	DEEP LEARNING-IIT ROPAR	JAN-APR2025	NPTEL

14	Ms P SINDHUJA	PYTHON FOR DATASCIENCE	JAN-FEB2025	NPTEL
15	Mr V UDAY KUMAR	PROGRAMMING IN JAVA	JAN-APR2025	NPTEL
16	Ms D PRIYANKA	COMPUTER NETWORKS AND INTERNET PROTOCOL	JAN-APR 2025	NPTEL
17	Ms M MOWNIKA RAYUDU	CLOUD COMPUTING	JAN-APR2025	NPTEL
18	Ms M MOWNIKA RAYUDU	COMPUTER NETWORKS AND INTERNET PROTOCOL	JAN-APR2025	NPTEL

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1.						
2.						

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): 420
EAMCET Starting Rank: 4809
EAMCET Closing Rank: 5204

No. of Students (PG):
Gate Starting Rank:
Gate Closing Rank:
PGCET stating Rank:
PGCET closing Rank:

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 225+20
No. of students graduated from the program (n) = 70
UG Success Rate: (m/n)* 100 = (245/70)*100 = 350

No. of students admitted in corresponding first year (PG) (m1) = NA
No. of students graduated from the program (n1) = NA
PG Success Rate: m1/n1 * 100 = NA

5.3 Students Placements, Higher Studies, Entrepreneurships
No. of students who are placed = 40
No. of students went for higher studies = 02
Highest and mean packages received by the students = 01
No. of students with entrepreneurship details = 00
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 02

5.4 Students Activities
No. of Award Winning Students in Technical Events: 09
No. of Students Participated in Technical Events: 60
No. of Students Participated in Sports / Cultural Events: 05
No. of Students Participated in NSS Activities: 04

6. Curriculum Development
6.1 New Courses

UG:
No. of new courses introduced (Mention the Regulation) = 14
No. of courses with change in syllabus (if more than 20%) = 10

PG:
No. of new courses introduced (Mention the Regulation) = NA
No. of courses with change in syllabus (if more than 20%) = NA

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1.	DAA	Dr Madhavi	15-11-2024 to 10-12-2024	20	9	9	5
2.	FSWD	Dr A Anil kumar	15-11-2024 to 10-12-2024	20	6	6	4

6.3 No. of Value-Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1.	BLENDER(II-I)	July, 2024 and November, 2024	30	Ms. Visweswari and Ms. Hareesha		211	192
2.	LINUX AWK(II-II)	July, 2024 and November, 2024	30	Ms. Visweswari and Ms. Hareesha		211	192
3.	PYTHON(III-I)	January, 2025 to April, 2025	30	Ms. Visweswari and Ms. Hareesha		140	104
4.	DRUPAL(III-II)	January, 2025 to April, 2025	30	Ms. Visweswari and Ms. Hareesha		140	88

6.4 No. of Student Activities Organized by the Department:

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1.	Seminar	Picking a right international university for higher education	25/09/2024	Rashna Bhojnani, Scholist		DS	56		offline
2.	Guest Lecture	Data Visuallization	28/09/2024	K. Nireekshan, Hexaware Technologies		DS	120		offline
3.	Seminar	OBE Philosophy	22/10/2024	Dr. Prassana Lakhshmi, GRIET		DS	28		offline
4.	Alumni Talk	Future Perspectives of Placements	28/10/2024	P. Shreya, Paypal		DS	56		offline

5.	Guest Lecture	Azure Cloud	08/11/2024	Mr. Bikash Pal, TCS		DS	120		offline
6.	Guest Lecture	Mutual Funds Awareness	11/11/2024	Dr. B. Kandala, BSE		DS	65		offline
7.	Workshop	Virtual Lab Demonstration	19/11/2024	Mr. Ravi Shankar, Virtual Labs		DS	166		offline
8.	STTP	Generative AI Workshop using LLM	28/11/2024-05/12/2024	Mr. P. Mohan, Tech Mahindra		DS	100		
9.	Alumni Talk	Navigating the job hunt – from campus to career	01/02/2025	Ashritha, GRIET		DS	54		offline
10.	Inaugural event	TECH TREK	15/2/2025	Dr. Madhu babu Bessetti, IEEE GRIET SB Education Society		DS	270		offline
11.	Guest Lecture	The role of AI in cybersecurity	28/02/2025	Lakshmi Vejandla, Pantech		Ds	86		offline

12.	Workshop	1 Week Workshop on Blockchain Certification & Hydera Course	03/03/205 - 07/03/2025	Ms. Nikita, IDS		DS	60		offline
13.	Seminar	Machine Learning & Its Industrial Application	17/03/2025	A. Hari Kishore, Infosys		DS	60		offline
14.	Seminar	Study in USA — Talk from Expert	19/03/2025	Robert Morley, ISGSU		DS	62		offline
15.	Seminar	CISCO - Seminar	29/03/2025	Dr.G.S.Bapi Raju, GRIET		DS	167		offline
16.	Workshop	AI & CyberSecurity Bootcamp	03/04/2025- 08/04/2025	Sai Satish, Indian Servers		DS	110		offline
17.	Guest Lecture	The Role of cybersecurity	19/04/2025	Sujay Gankidi, IEEE GRIET SB Education Society & Liberal		DS	80		offline

				Security Pvt.					
18.	Debate	EduAI : High Voltage Debate	26/04/2025	Dr. B Phaneendra Babu, IEEE GRIET SB Education Society		DS	61		offline
19.	Innaugral	Microsoft Learn Student Club	02/05/2025	Venkata Talatam, Kodryx		DS	130		offline
20.	FDP	1 Week FDP on Design Thinking	19/05/2025– 23/05/2025	Shruti Mishra, TCS		DS	50		offline

Overview on Faculty Contribution and Development:

1. Faculty actively contribute to teaching, curriculum delivery, assessment, mentoring, ensuring outcome-based education and continuous improvement.
2. Faculty demonstrate strong research orientation through publications, patents, consultancy projects, funded research, and industry collaborations.
3. Faculty enhance professional competencies by attending FDPs, workshops, certifications, programs at national and international level.
4. Faculty mentor students through academic guidance, project supervision, internships, placement support, and organizing technical activities.

Overview on Students Progression:

1.Students show good academic progress with improved results, regular attendance, and successful completion of the program.

2. Many students get placed in companies, go for higher studies, and qualify in competitive examinations.

3.Students actively participate in workshops, technical events, internships, and certification programs to improve skills.

4, Participation in sports, cultural, and co-curricular activities helps students in overall personality development

Overview on Academic Activities:

1. Academic activities are planned and conducted as per the academic calendar, ensuring smooth teaching and learning processes.

2.Guest lectures, workshops, seminars, and industry interactions are regularly organized to enhance practical knowledge.

3.Remedial classes and mentoring are provided for slow learners to improve academic performance.

4.Value-added courses and certification programs are conducted to improve students' technical and employability skills.

Suggestions for the areas of improvement:

1.Encourage more faculty and students to publish research papers in reputed journals and conferences.

2. Motivate students to participate more in national-level competitions, hackathons, and innovation challenges.

Name of the Audit Member: Dr. T. ADITYA KUMAR
Designation: Asst. Prof
Name of the Institute: KMIT, Narayanaguda

17/12/85

Signature with date

GRIET/IQAC/G/25-26

Audit Date: 29-12-2025

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited:** Electronics and Communication Engineering

2. **Programs Offered:**

	UG	PG
Name of the Program	B.Tech (ECE)	M.Tech (VLSI) -- II Year
Year of establishment	1997	2006

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	10		1	
Associate Professors	03			
Assistant Professors	03		01	
Total no. of Students	420		10	
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	211	189	7	3

4. Faculty Information and Contributions

4.1 Name of the Program(s):

Total Faculty	
Required Faculty	29
Available Faculty	17
No. of PhDs	12

Professors	
Required Faculty	3
Available Faculty	11
No. of PhDs	11

Associate Professors	
Required Faculty	7
Available Faculty	2
No. of PhDs	1

Assistant Professors	
Required Faculty	20
Available Faculty	4
No. of PhDs	0

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 70.58824$$

$$\text{Student Faculty Ratio (SFR)}: \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 26.11765$$

4.2 Faculty Publications

S. No.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr T Padma		2			2		2	9	41
2	Dr. T. Jagannadha Swamy	1	3	1		2	1	3	5	24
3	ARVIND VISHNUBH ATLA		9			7	2	9	2	6
4	Dr.K.Meenakshi	1	8	2		5	3	8	18	287
5	Dr Hima Bindu V	0	2	2	-	5	2	7	10	145
6	Dr.M.suneetha					3		3	5	31
7	Dr.K.Jamal		1			7	1	8	9	77
8	Dr.G.Surekha		3			3		3		3

S. No.	Name of the Faculty									
9	Dr.Kiran Mannem	1	12	5		9	4	13	5	29
10	Dr.K.Swaraja	3	23	3		19	4	23	17	331
11	K N VKHASIM		2			2		2	3	
12	Dr.Ch.Usha Kumari					6			15	190

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1	Dr. T. Jagannadha Swamy	All Terrian Vehicle for Enhanced Wheel Allignment	India	GRANTED Patent No: 493667	Patent Granted for 20 Years	17-06-2021/ (Application) 02-07-2021/ (Journal Publication) 04-01-2024(Granted)
2	Dr.K.Jamal	Real-time secure text transmission using video steganography	India	202441084480	Granted	08/11/2024
3	Dr.Kiran Mannem	Palm print authentication system for biometric applications	India	202441084479	Granted	15/11/2024
4	Dr Ch Usha Kumari	Locally Adaptive Contrast Improvement for Underwater Image Enhancement	India	202441084488	Granted	08/11/2024

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1	Dr Hima Bindu V (PI)	Assessing Energy Efficiency Measures for Hydraulic Systems using ML techniques	M/s: HITTITES TECHNOLOGY INDIA LIMITED	2 (2023-2025)	13.37	13.37

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
1	Dr.M.Suneetha	FDP	6/10/2025-11/10/2025	1 week	CVR ENGINEERING COLLEGE	online
2	Dr.M.Suneetha	FDP	10/11/2025-15/11/2025	1 week	VIDYAJYOTHI INSTITUTE OF TECHNOLOGY-ATAL FDP	online
3	Dr.K.Jamal	FDP	Jul-Oct 2024	12 Weeks	NPTEL	online
4	Dr.K.Jamal	workshop	2-7 Dec 2024	1 week	Osmania University	Offline
5	Dr.G.Surekha	FDP	10/11/2025-15/11/2025	1 week	VIDYAJYOTHI INSTITUTE OF TECHNOLOGY-ATAL FDP	online
6	Mr K N V Khasim	FDP	02-09-2024 to 3-09-2024	2 Days	Introduction to Embedded Machine Learning	online
7	Mr K N V Khasim	FDP	02-12-2024 to 10-12-2024	1week	NEP Orientation and Sensitization Programme - 18	online
8	Dr T. Padma	FDP	24-11-2025 to 28-11-2025	5 days	St Martin Engineering College	online
9	Dr T. Padma	FDP	21-10-2025 to 25-10-2025	5 days	VNRVJIET	online

10	Dr T. Padma	FDP	03-03-2025 to 07-03-2025	5 days	NIT, Patna	online
11	Dr T. Padma	FDP	23-06-2025 to 27-06-2025	5 days	nasscom	online
12	Dr Hima Bindu Valiveti	Conference	30 Jan 2025 to 31 Jan 2025	3 days	Advances in Signal Processing & Communication Engineering (ICASPACE-2025), Mahatma Gandhi Institute of Technology(A), Hyderabad, Telangana, India	online
13	Dr Hima Bindu Valiveti	FDP	02-12-2024 to 10-12-2024	1week	NEP Orientation and Sensitization Programme - 18	online
14	Dr Hima Bindu Valiveti	FDP	10-Mar-2025 to 21-Mar-2025	10 days	IoT and Blockchain: Securing the Next Generation of connected Devices(Electronics & ICT Academy (Hub)) NIT Warangal in association with E&ICT Academy IIITDM Kurnool, AP	Online
15	Dr Hima Bindu Valiveti	FDP	17-21 Feb-2025	5 dyas	AI Tools	Online

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
1	Dr.K.Jamal	Programming in Java	12 Weeks	NPTEL
2	Dr T Padma	Data Analytics with python	12 Weeks	NPTEL
3	Dr T Padma	Machine learning for science and Engineering Applications	12 Weeks	NPTEL
4	Dr T Padma	Artificial Intelligence Foundation Certification	3 months	Infosys spring board
5	Dr T Padma	Citizen data science using python certification	3 months	Infosys spring board
6	Dr T Padma	Advanced Certification in AI & Machine Learning	1 yr	IITK

7	Dr.K.Meenakshi	Deep Learning	12 Weeks	NPTEL
8	Dr Hima Bindu V	Deep Learning	12 Weeks	NPTEL
9	Dr Hima Bindu V	Data Analytics with python	12 Weeks	NPTEL
10	Dr.M.suneetha	Deep Learning	12 Weeks	NPTEL
11	Dr.M.suneetha	Joy of computing using python	12 Weeks	NPTEL
12	Dr.K.Swaraja	Deep Learning	12 Weeks	NPTEL
13	Dr.K.Swaraja	Introduction to Machine learning	12 Weeks	NPTEL

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1	Dr. G Surekha	Online Remedial Classes	Electronic Devices and Circuits	04-12-2024 to 06-12-2024	GRIET Finishing School	Online
2	Dr. T Padma	Online Remedial Classes	Electromagnetic Fields and Transmission Lines	07-12-2024 to 10-12-2024	GRIET Finishing School	Online
3	Dr. Ayyem Pillai V	Online Remedial Classes	Probability Theory and Stochastic Processes	11-12-2024 to 13-12-2024	GRIET Finishing School	Online
4	Dr. Hima Bindu V	Online Remedial Classes	Signals and Systems	14-12-2024 to 17-12-2024	GRIET Finishing School	Online
5	Dr. T Padma	Online Remedial Classes	Electromagnetic Fields and Transmission Lines	31-10-2025 to 04-11-2025	GRIET Finishing School	Online
6	Dr. Hima Bindu V	FDP	Problem Based learning	25-27 June 2025	GRIET	Online
7	Dr. Hima Bindu V	Advanced consultancy course	Modern Surveillance Systems Across the Globe: Technology, Applications, and Ethical Concerns	8 Dec 2024	NISA, CISF (Ministry of Home Affairs)	Offline

8	Dr. Hima Bindu V	FIP	Faculty Induction Program	03-Mar-2025 to13-Mar-2025	GRIET	Offline
9	Dr. Hima Bindu V	FDP	IoT and Blockchain: Securing the Next Generation of connected Devices(Electronics & ICT Academy (Hub)) NIT Warangal in association with E&ICT Academy IIITDM Kurnool, AP	10-Mar-2025 to 21-Mar-2025	National	Online
10	Dr T Padma	FIP	Faculty Induction Program	03-Mar-2025 to13-Mar-2025	GRIET	Offline
11	Dr.K Swaraja	Online Remedial Classes	Analog and Digital Communications	07-12-2024 to 10-12-2024	GRIET Finishing School	Online
12	Dr.Kiran Mannem	ATAL-FDP	Simulation Frameworks for V2X: NS-3	11-11-2025	Department of ECE, VJIT, Hyderabad	Online

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): 65
EAMCET Starting Rank: 5096
EAMCET Closing Rank: 55982

No. of Students (PG): Nil
Gate Starting Rank:
Gate Closing Rank:
PGCET stating Rank:
PGCET closing Rank:

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 65 and 6
No. of students graduated from the program (n) = 211
UG Success Rate: m/n * 100 = (184/211)*100=87.2

No. of students admitted in corresponding first year (PG) (m1) = 0
No. of students graduated from the program (n1) = 3
PG Success Rate: m1/n1 * 100 = 100

5.3 Students Placements, Higher Studies, Entrepreneurships

No. of students who are placed = 95
No. of students went for higher studies = 6
Highest and mean packages received by the students = 10 lac & 4.82 lac
No. of students with entrepreneurship details = 0
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) =13

5.4 Students Activities

No. of Award Winning Students in Technical Events: 03
No. of Students Participated in Technical Events: 550
No. of Students Participated in Sports / Cultural Events: 0
No. of Students Participated in NSS Activities: 2249

6. Curriculum Development
6.1 New Courses

UG:
No. of new courses introduced (Mention the Regulation) = 2
No. of courses with change in syllabus (if more than 20%) = Nil

PG:
No. of new courses introduced (Mention the Regulation) = NA
No. of courses with change in syllabus (if more than 20%) = NA

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	Network Analysis	Dr. T Padma	07-12-2024 to 10-12 2024	3	8	8	1
2	Signals and Systems	Dr. Hima Bindu V	14-12-2024 to 17-12 2024	3	11	11	1
3	Electronic Devices and Circuits	Dr. G Surekha	04-12-2024 to 06-12-2024	3	12	12	1
4	Probability Theory and Stochastic Processes	Dr. Ayyem Pillai V	11-12-2024 to 13-12-2024	3	20	20	7

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1	System Modeling and Simulation using MATLAB/ Simulink	16 weeks	48	Dr Hima Bindu Valiveti	NA	71	71
2	Fundamentals of Internet of Things	16 weeks	32	Dr K Swaraja	AICTE-IdeaLab, GRIET	140	132
3	LATeX for report writing	3 months	40	Dr K Meenakshi	NA	211	196
4	Fundamentals of DBMS	13 weeks	36	Mr V Vijaya Kumar	NA	71	71

| 5 | Edge AI with Tiny ML with ESP32 | 2 months | 42 | Prof Radhanand Anantha | AICTE-IdeaLab, GRIET | 140 | 136 |
| 6 | Simulation of Image processing and Transformation Techniques | 8 weeks | 32 | Dr. T Padma | NA | 211 | 192 |

6.4 No. of Student Activities Organized by the Department:

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1	Workshop	Skilling Programme on PCB Design and Fabrication	03-06 2024	Prof. A Radhanad, Associate Professor, Dept of ECE		ISACA	30	Dr. Ch Usha Kumari, Professor & HoD, ECE	Offline
2	Industrial Visit	"Industrial Visit to NRSC"	25-06 2024	NRSC-National Remote Sensing Centre, Jeedimetla, Hyderabad	IEEE CAS	GRSS GRIETSB	167	Dr. V. Hima Bindu, Advisor, CAS Chapter, IEEE GRIET SB	Offline
3	Guest Lecture	"Applications of AI in biomedical image processing."	27-06-2024	Dr. P.V. Naganjaneyulu PROFESSOR,Department OF ECE, SCHOOL		ISACA	150	Dr. Ch Usha Kumari, Professor and Head, ECE	Offline

				OFENGI NEERIN G MIZORA MUNIVE RSITY				
4	Training Program	"Field Project on Manual and Autonom ous control of Drones"	28-06-2024	1. Sankeerth 2. Krupakar 3. Akash , 4th year and 4. J Sai Krishna, 3rd year, ECE, GRIET	IEEE CAS	DRONE CLUB	33	Dr. V.Hima Bindu,A dvisor,C ASChapt er,IEEE GRIET SB	Offline
5	Tech Talk	"Talk On Indian Space Programs and Missions "	18-09-2024	Shri Ajith KumarNat h	IEEE CAS	GRSSG RIETSB	50	Dr.V.Hi maBindu ,Advisor, CASCha pterandG RSS Chapter,I EEEGRI ETSB	Offline
6	Social Service event	Internatio nal Yoga Day	21-Jun-24	Sri Gandhi Yoga Guruji & Meditatio n by Ms Shailaja garu		NSS	250	Dr Tatiparti Padma, NSS Coordina tor	Offline
7	Extra-Curricular Activity.	Sri Jaganadh Radhyatr a	07-Jul-24	ISKON, Kukatpall y	ISKCON	NSS	15	Dr Tatiparti Padma, NSS Coordina tor	Offline
8	Extra-Curricular Activity.	Visit to animal Rehabilit ation centre	13-Jul-24	NA		NSS	9	Dr Tatiparti Padma, NSS Coordina tor	Offline

9	Interactive Session with honorable CM	NSS volunteers in Road safety , Women safety and Crusade against Drugs	13-Jul-24	Honorable CM, TG	JNTUH	NSS	5	Dr Tatiparti Padma, NSS Coordinator	Offline
10	Extra-Curricular Activity.	Sri Krishna Janmashtami	26-Aug-24	ISKCON Kukatpally	ISKCON	NSS	17	Dr Tatiparti Padma, NSS Coordinator	Offline
11	Extra-Curricular Activity.	Food Donation Drive	31-Aug-24	NA		NSS	13	Dr Tatiparti Padma, NSS Coordinator	Offline
12	Orphanage Visit	Orphanage Visit	08-Sep-24	NA	Vivekananda Seva Sangham in Madinaguda	NSS	20	Dr Tatiparti Padma, NSS Coordinator	Offline
13	Marathon-Run for a Cause	Signathon 2024 - Run for a Cause : A Mixture of Signs & Marathon	22-Sep-24	NA	Ashray Akruti at Gachibowli	NSS	30	Dr Tatiparti Padma, NSS Coordinator	Offline
14	Awareness Program	Safety of Girl Child	25-Sep-24	NA	Zilla Parishad High School	NSS	9	Dr Tatiparti Padma, NSS Coordinator	Offline
15	Social Service event	Inter College NSS Wing Sumit at	28-Sep-24	NA	CBIT	NSS	5	Dr Tatiparti Padma, NSS	Offline

		Chaitany a Bharathi Institute of Engineeri ng and Technolo gy						Coordina tor
16	Extra-Curricular Activity.	NSS Blood Donation Camp 2024	12-Sep-24	NA	Red Cross	NSS	450	Dr Tatiparti Padma, NSS Coordina tor	Offline
17	Community Outreach Program	Blanket Distrubut ion Drive	05-Dec-24	NA	Maheshw ari Industries	NSS	54	Dr Tatiparti Padma, NSS Coordina tor	Offline
18	Community Outreach Program	Project Aamani	11-Dec-24	NA	Maheshw ari Industries	NSS	19	Dr Tatiparti Padma, NSS Coordina tor	Offline
19	Community Outreach Program	Drugs Free Telangan a	21-Dec-24	NA	Telangana Vidya Samithi.	NSS	300	Dr Tatiparti Padma, NSS Coordina tor	Offline
20	Community Outreach Program	Women Trafficki ng and Create Awarene ss	25-02-2025	NA	MNR School of Excellenc e, Nizampet	NSS	161	Dr Tatiparti Padma, NSS Coordina tor	Offline
21	Community Outreach Program	Anti Drugs Event	07-Feb-25	NA	Telangana Narcotics Bureau	NSS	265	Dr Tatiparti Padma, NSS Coordina tor	Offline

22	Community Outreach Program	Outreach Activity at Idealabs	08-Nov-24	Prof. Radhanand, Dr Arunvignesh, Dr Padma, Mr Sai	Kaluram Ghurka Vidhyadhayini Vidhalayam	NSS	25	Dr Tatiparti Padma, NSS Coordinator	Offline
23	Community Outreach Program	Aksharmala	08-Nov-24	NA	IITH & Akshardhaan & SCERT	NSS	52	Dr Tatiparti Padma, NSS Coordinator	Offline
24	Extra-Curricular Activity.	RUEDO – A National level Environment Fest	04-May-25	Dr. Zahoorullah, Mr.Akhil Chowdary, Mr. Anil Kumar Mamidala Chief Guests, DPS Miyapur, Sreyas the school, Sri Vidya Bharathi, Ganges valley school, CMR, Vasavi engineering college, GRIET, GLEC.		NSS	550	Dr Tatiparti Padma, NSS Coordinator	Offline
25	Extra-Curricular Activity.	Ek Ped Maa Ke Naam	18-Sep-24	NA	Green Campus	Outreach	25	Dr Tatiparti Padma, NSS Coordinator	Offline
26	Extra-Curricular Activity.	CLAY GANESH IDOL	05-Sep-24	NA	Greater Hyderabad	Outreach	35	Dr Tatiparti Padma,	Offline

		DISTRIB UTION			Municipal Corporati on (GHMC) and Hyderaba d Metropolit an Developm ent Authority (HMDA)			NSS Coordina tor	
27	Extra-Curricular Activity.	Swachhat a Hi Seva	25-Sep-24	NA	National Swachh Bharat Abhiyan	Outreach	25	Dr Tatiparti Padma, NSS Coordina tor	Offline
28	Extra-Curricular Activity.	Green Survey	03-Feb-25	NA	Green Campus	Outreach	25	Dr Tatiparti Padma, NSS Coordina tor	Offline
29	Workshop	Sustainab le Develop ment Goals (SDG) and Design Thinking	16-04-2025	NA	BRAIN O VISION	ISACA	60	Dr. Ch Usha Kumari, Professor & HoD, ECE Dr G Bapi Raju, Profesoo r, CSE Dr K Jamal, Professor , ECE Dr T Padma, Professor , ECE	Offline
30	Workshop	Three Day hands on Drone	18-02-2025	Dr Kiran Mannem, Professor, ECE		Drone Club	60	Dr Kiran Mannem, Professor , ECE Dr. Ch	Offline

		Worksho p						Usha Kumari, Professor & HoD, ECE	

Overview on Faculty Contribution and Development:

The department has a qualified and experienced faculty team with a strong research orientation. A significant number of faculty members possess Ph.D. qualifications and have contributed through publications in reputed journals and conferences indexed in SCI, Scopus, and Web of Science. Faculty members have actively participated in FDPs, workshops, NPTEL courses, and certification programs to enhance teaching and research competencies. The department has notable achievements in patents and resource person engagements, demonstrating continuous professional development and industry–academia interaction.

Overview on Students Progression:

The department demonstrates satisfactory student progression with a good undergraduate success rate and consistent academic performance. A significant number of students have secured placements in reputed organizations, while some have opted for higher studies and competitive examinations. Students actively participate in technical events, workshops, and professional society activities, contributing to their overall skill development. Notably, students have also presented conference papers based on their project work, reflecting their involvement in research, innovation, and scholarly activities. Remedial classes, mentoring, and value-added courses have further supported academically weaker students and enhanced overall student outcomes.

Overview on Academic Activities:

The department actively organizes a wide range of academic activities, including workshops, guest lectures, industrial visits, training programs, value-added courses, and student-centric events. Curriculum enrichment is supported through remedial classes, hands-on training, industry-collaborated courses, and IEEE/NSS activities. These initiatives enhance technical skills, employability, social responsibility, and holistic development of students.

Suggestions for the areas of improvement:

- Increase faculty strength to meet required norms and improve student–faculty ratio.
- Enhance funded research projects and consultancy activities through stronger industry collaboration.
- Improve student placements by strengthening industry tie-ups, internships, and advanced skill-based training.
- Encourage more students towards higher studies, entrepreneurship, and competitive examinations.
- Introduce more interdisciplinary and emerging technology courses aligned with industry needs.
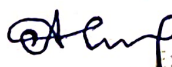
Name of the Audit Member: Dr. Anwar Bhasha Pattan
Designation: Professor
Name of the Institute: BVRIT Hyderabad College of Engineering for Women
Signature with date

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Internal Quality Assurance Cell (IQAC)

Audit Date: 15 December 2025

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: Electrical and Electronics Engineering**

2. **Programs Offered:**

	UG	PG
Name of the Program	B. Tech	NA
Year of establishment	1997	NA

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	4		-	
Associate Professors	5		-	
Assistant Professors	9		-	
Total no. of Students	242			
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	160	82		

4. Faculty Information and Contributions

4.1 Name of the Program(s):

Total Faculty	
Required Faculty	15
Available Faculty	18
No. of PhDs	10

Professors	
Required Faculty	2
Available Faculty	5
No. of PhDs	5

Associate Professors	
Required Faculty	3
Available Faculty	5
No. of PhDs	4

Assistant Professors	
Required Faculty	9
Available Faculty	9
No. of PhDs	2

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 55.55$$

$$\text{Student Faculty Ratio (SFR):} \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 13.44$$

4.2 Faculty Publications

S. No.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr D S N M RAO	2	5			12	7	19		
2	Dr M Rekha	1	1			9	2	11		
3	Dr PAKKIRAIAH B		1				1	2		
4	Dr A Vinay Kumar		1				1	2		
5	Dr P. Sri Vidya Devi					8		8		
6	Dr Phaneendra Babu Bobba					23		23		

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
	NA	NA	NA	NA	NA	NA

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
	NA	NA	NA	NA	NA	NA

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1	Dr Phaneendra Babu Bobba & Dr K Satyanarayana	Customized load cell design and manufacturing for friction test measurement	Jragrau Industries	2024-25	11.8	11.8

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
01	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
02	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online

03	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Data Science Engineers		July-Sep 2024 (8 Weeks)	NPTEL	Online
04	Dr J Sridevi	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
05	Dr J Sridevi	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
66	Dr J Sridevi	NPTEL AICTE FDP on Data Science Engineers		July-Sep 2024 (8 Weeks)	NPTEL	Online
07	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Introduction to Machine - IIT KGP		July-Sep 2024 (8 Weeks)	NPTEL	Online
08	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Introduction to Machine		July-Oct 2024 (12 Weeks)	NPTEL	Online
09	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Python for DATA SCIENCE		July-Sep 2024 (4 Weeks)	NPTEL	Online
10	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Introduction to Internet of Things		July-Sep 2024 (8 Weeks)	NPTEL	Online
11	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Responsible and Safe AI Systems		July-Oct 2024 (12 Weeks)	NPTEL	Online
12	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Theory of Computation		July-Sep 2024 (8 Weeks)	NPTEL	Online
13	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Computer Vision		July-Oct 2024 (12 Weeks)	NPTEL	Online
14	Mrs Sandhya Rani Gurram	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
15	Mrs Sandhya Rani Gurram	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
16	Dr Vinay Kumar Awaar	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
17	Dr Vinay Kumar Awaar	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
18	Dr Palakaluri Srividya Devi	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
19	Dr Palakaluri Srividya Devi	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
20	Mrs U Vijaya Laxmi	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
21	Mrs M N Sandhya Rani	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
22	Mrs M N Sandhya Rani	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
23	Mr Karunakumar Davala	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online

24	Dr Rekha Mudundi	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
25	Dr Rekha Mudundi	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
26	Mr Rajagiri Anil Kumar	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
27	Mr Davu Srinivasa Rao	NPTEL AICTE FDP on Cloud Computing		July-Oct 2024 (12 Weeks)	NPTEL	Online
28	Mr Davu Srinivasa Rao	NPTEL AICTE FDP on Big Data Computing		July-Sep 2024 (8 Weeks)	NPTEL	Online
29	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Design and Engineering of Computer Systems		Jan -March 2025 (8 Weeks)	NPTEL	Online
30	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Information Security - 5 - Secure Systems Engineering		Jan -March 2025 (8 Weeks)	NPTEL	Online
31	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on User-centric Computing for Human-Computer Interaction		Jan -March 2025 (8 Weeks)	NPTEL	Online
32	P Ravikanth	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
33	Dr Pakkiraiah B	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
34	Dr Dokku Sivanaga Malleswara Rao	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
35	P Praveen Kumar	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
36	U. Vijaya Lakshmi	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
37	R. Anil Kumar,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
38	D Karuna Kumar,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
39	M Naga Sandya Rani,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline

S. No.	Name of the Faculty	Course		Duration	Agency	Mode
40	G Sandya Rani,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
41	Dr M Rekha	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
42	P Prashanth Kumar,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
43	D Srinivasa Rao,	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
44	Dr Vinay Kumar Awaar	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
45	Dr Palakaluri Srividya Devi	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
46	Dr B Phaneendra Bobba	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
47	Dr J Praveen	Sustainable Energy Solutions in EV'S using AIML		06 Jan 2025 to 10 Jan 2025	GRIET	Offline
48	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Artificial Intelligence: Knowledge Representation And Reasoning		Jan -April 2025 (12 Weeks)	NPTEL	Online
49	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on The Joy of Computing using Python		Jan -April 2025 (12 Weeks)	NPTEL	Online
50	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Fundamentals of Object-Oriented Programming		Jan -April 2025 (12 Weeks)	NPTEL	Online
51	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Computer Networks And Internet Protocol		Jan -April 2025 (12 Weeks)	NPTEL	Online

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
01	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Cloud	July-Oct 2024	NPTEL

		Computing	(12 Weeks)	
02	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
03	Dr V Vijaya Rama Raju	NPTEL AICTE FDP on Data Science Engineers	July-Sep 2024 (8 Weeks)	NPTEL
04	Dr J Sridevi	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
05	Dr J Sridevi	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
66	Dr J Sridevi	NPTEL AICTE FDP on Data Science Engineers	July-Sep 2024 (8 Weeks)	NPTEL
07	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Introduction to Machine -IIT KGP	July-Sep 2024 (8 Weeks)	NPTEL
08	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Introduction to Machine	July-Oct 2024 (12 Weeks)	NPTEL
09	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Python for DATA SCIENCE	July-Sep 2024 (4 Weeks)	NPTEL
10	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Introduction to Internet of Things	July-Sep 2024 (8 Weeks)	NPTEL
11	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Responsible and Safe AI Systems	July-Oct 2024 (12 Weeks)	NPTEL
12	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Theory of Computation	July-Sep 2024 (8 Weeks)	NPTEL
13	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Computer Vision	July-Oct 2024 (12 Weeks)	NPTEL
14	Mrs Sandhya Rani Gurram	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
15	Mrs Sandhya Rani Gurram	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
16	Dr Vinay Kumar Awaar	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
17	Dr Vinay Kumar Awaar	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
18	Dr Palakaluri Srividya Devi	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
19	Dr Palakaluri Srividya Devi	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
20	Mrs U Vijaya Laxmi	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
21	Mrs M N Sandhya Rani	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
22	Mrs M N Sandhya Rani	NPTEL AICTE FDP on Big	July-Sep 2024	NPTEL

			Data Computing	(8 Weeks)	
23	Mr Karunakumar Davala	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
24	Dr Rekha Mudundi	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
25	Dr Rekha Mudundi	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
26	Mr Rajagiri Anil Kumar	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
27	Mr Davu Srinivasa Rao	NPTEL AICTE FDP on Cloud Computing	July-Oct 2024 (12 Weeks)	NPTEL
28	Mr Davu Srinivasa Rao	NPTEL AICTE FDP on Big Data Computing	July-Sep 2024 (8 Weeks)	NPTEL
29	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Design and Engineering of Computer Systems	Jan -March 2025 (8 Weeks)	NPTEL
30	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Information Security - 5 - Secure Systems Engineering	Jan -March 2025 (8 Weeks)	NPTEL
31	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on User-centric Computing for Human-Computer Interaction	Jan -March 2025 (8 Weeks)	NPTEL
32	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP Artificial Intelligence: Knowledge Representation And Reasoning	Jan -April 2025 (12 Weeks)	NPTEL
33	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on The Joy of Computing using Python	Jan -April 2025 (12 Weeks)	NPTEL
34	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Fundamentals of Object-Oriented Programming	Jan -April 2025 (12 Weeks)	NPTEL
35	Dr Dokku Sivanaga Malleswara Rao	NPTEL AICTE FDP on Computer Networks And Internet Protocol	Jan -April 2025 (12 Weeks)	NPTEL

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
	NA					

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): 30
EAMCET Starting Rank: 52773
EAMCET Closing Rank: 159034

No. of Students (PG): NA
Gate Starting Rank: NA
Gate Closing Rank: NA
PGCET stating Rank: NA
PGCET closing Rank: NA

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 68
No. of students graduated from the program (n) = 59
UG Success Rate: m/n * 100 = 86.76%

No. of students admitted in corresponding first year (PG) (m1) = NA
No. of students graduated from the program (n1) = NA
PG Success Rate: m1/n1 * 100 = NA

5.3 Students Placements, Higher Studies, Entrepreneurships
No. of students who are placed = 17
No. of students went for higher studies = Nil
Highest and mean packages received by the students = 12 Lakhs &
No. of students with entrepreneurship details = Nil
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = Nil

5.4 Students Activities
No. of Award-Winning Students in Technical Events: NA
No. of Students Participated in Technical Events: NA
No. of Students Participated in Sports / Cultural Events: NA
No. of Students Participated in NSS Activities: NA

6. Curriculum Development

6.1 New Courses

UG:
No. of new courses introduced (Mention the Regulation) = NA
No. of courses with change in syllabus (if more than 20%) = NA

PG:
No. of new courses introduced (Mention the Regulation) = NA
No. of courses with change in syllabus (if more than 20%) = NA

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
	Java Programming for Engineers (GR22A2008)	Dr A Anil Kumar Reddy	4th December 2024 to 15th December 2024	6 .	43	43	28
	Principles of Digital Electronics (GR22A2033)	D Karuna Kumar	4th December 2024 to 15th December 2024	6	24	24	15

6.3 No. of Value-Added Courses Conducted:

S. No.	Name of the Value-Added	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed

	Course							
1	PCB Designing	3 Days	30	Mr.R Anil Kumar	GRIET	70	70
2	Industrial PLC Training	10 Days	60	Mr. P Prasanth Kumar & Mr. D Karuna Kumar	Siemens	60	60
3	AI Applications in Electrical Engineering	5 Days	30	Dr. M Rekha	GRIET	67	67

6.4 No. of Student Activities Organized by the Department:

S. No	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1	Workshop (VAC)	PCB Designing	12-18 February 2025	R Anil Kumar		Dept	70	R Anil Kumar	Offline

2	Worksho p (VAC)	Industr ial PLC Trainin g	17-25 Febru ary 2025	Mr. A V SANTO SH RAO, Siemen s Trainer, SITRAI N	Siemens Digital Industri al Academ y- SITRAIN	Dept	60	Mr. P Prasanth Kumar & Mr. D Karuna Kumar	Offline
3	Worksho p (VAC)	AI Applica tions in Electri cal Engine ering	20-25 Janua ry 2025	Dr. M Rekha		Dept	67	Dr. M Rekha	Offline
4	Guest Lecture	Career Opport unities in Electri cal Domai n	29 09-24	Mr. Devend ra Phani Kumar		IEEE GRIET PES Student Branch	58 = 2 (Facu lty) + 56 Stude nts	Mr. P. Ravikanth , Associate Professor Mr. R. Anil, Assistant Professor	Offline
5	Seminar	Transf ormers , Circuit Breake rs	07- 11- 2024	Mr. E. Maniky a Chakrav arthi, Division al Enginee r at TSSPDC L		IEEE GRIET PES Student Branch	69 = 2 (Facu lty) + 67 Stude nts	R Anil Kumar, Assistant Professor G Sandhya Rani, Assistant Professor	Offline
6	Motivati onal Talk	Prerna' 24(Alu mni	14- 12- 2024	Alumni Meet		IEEE GRIET PES	140 = 2 (Facu	Dr P Srividya Devi,	Offline

		Meet)				Student Branch	lty) + 138 Stude nts	Assoc. Professor R Anil Kumar, Assistant Professor	
7	Guest Lecture	Power System Switch gear Protect ion and Their Operati on	03-02-2025	V. Vishnu, Busines s Develop ment Manage r Square A Enterpr ises Pvt Ltd, Hydera bad		IEEE GRIET PES Student Branch	50 = 2 (Facu lty) + 48 Stude nts	P Ravikanth , Assoc. Professor Dr DSNM Rao, Assoc. Professor	Offline
8	Guest Lecture	Electri c Vehicle s beyond Textbo ok	06-02-2025	Mr Param Mandloi , the CEO and Co-founder of Charter ed Bike Pvt Ltd,		IEEE GRIET PES Student Branch	53 = 2 (Facu lty) + 51 Stude nts	Dr DSNM Rao, Assoc. Professor	Offline
9	Guest Lecture	Introd uction to SCADA	14 04-2025	Mr. E. Maniky a Chakrav arthi, Division		IES IEEE Student Chapter	82 = 4 (Facu lty) + 78 Stude	Dr.J.Sride vi - Professor K.Ravikan th - Associate	Offline

				al Enginee r at TSSPDC L			nts	Professor G. Sandhya Rani - Assistant Professor M.Rekha - Assistant Professor	
10	Industry Visit	Industr y Visit to Erraga dda substat ion (220/1 32 KV)	06-07-2024			IEEE GRIET PES Student Branch	70 =2 Facult y + 68 Stude nts		Offline
11	Industry Visit	Industr y Visit to Samra kshana Electri cals Ltd	07-11-2024	Samrak shana Electric als Ltd, Vasanth Nagar, Hyder Nagar, Vasanth a Nagar, Kukatp ally, Hydera bad, Telanga na-500085		IEEE GRIET PES Student Branch	72 = 3 (Facu lty) + 69 Stude nts	P Ravikanth , Assoc. Professor U Vijaya Laxmi, Assistant Professor G Sandhya Rani, Assistant Professor	Offline

12	Curricular Activity	PRAGNYA 24	22-11-2024 & 23-11-2024			IEEE GRIET PES Student Branch	2000		Offline
13	Industry Visit	Industry Visit to KKRAO Engineering Works Pvt.Ltd	25-01-2025	KK RAO Engineering works Pvt.Ltd, Nacharam, Hyderabad, Telangana-500076		IEEE GRIET PES Student Branch	49 = 2 (Faculty) + 47 Students	Dr DSNM Rao, Assoc. Professor MN Sandhya Rani, Assistant Professor	Offline
14	Industry Visit	Industry Visit to Hindustan Coca-Cola Factory for III Years	30-01-2025	Hindustan Coca-Cola Factory Industrial Estate, Ameenpur, Miyapur, Hyderabad, Telangana		IEEE GRIET PES Student Branch	45 = 2 (Faculty) + 43 Students	P. Prasanth Kumar, Assistant Professor G. Sandhya Rani, Assistant Professor	Offline
15	Industry Visit	Industry Visit to Hindus	02-02-2025	Hindustan Coca-Cola		IEEE GRIET PES Student	61= 2 (Faculty) + 59	Dr M Rekha, Assistant Professor	Offline

		tan Coca-Cola Factory for II Years		Factory Industrial Estate, Ameenpur, Miyapur, Hyderabad, Telangana		Branch	Students	D Karuna Kumar, Assistant Professor	
16	Industry Visit	Industry Visit to Mahindra and Mahindra Fram Division	11-02-2025	Mahindra and Mahindra Farm Division Jeedimetla, Hyderabad - 500055		IEEE GRIET PES Student Branch	59 = 2 (Faculty) + 57 Students	Dr J Sridevi, Professor U Vijaya Laxmi, Assistant Professor	Offline

Overview on Faculty Contribution and Development:

Faculty have published papers in conferences and journals. Participated in workshops and FDPs.

Overview on Students Progression:
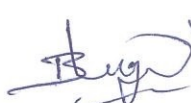
Students have participated in many seminars, industrial visits, workshops etc.

Overview on Academic Activities:

Result Analysis

Suggestions for the areas of improvement:

→ Should improve Faculty Intellectual Property Rights (IPR)

→ Should improve Faculty Publications

→ Should improve faculty Research & Development

→ Should improve Consultancy Projects

Name of the Audit Member: _____ (Dr. R. Naveena Bhargavi)

Designation: Professor, EEE

Name of the Institute: CVR College of Engg.

Signature with date

Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Internal Quality Assurance Cell (IQAC)

Audit Date: 19-12-2025

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited: Humanities & Sciences**

2. **Programs Offered:**

	UG	PG
Name of the Program	I BTech	
Year of establishment	1997	

3. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	8			
Associate Professors	10			
Assistant Professors	38			
Total no. of Students	56			
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
1401	907	494		

4. Faculty Information and Contributions

4.1 Name of the Program(s): I BTech

Total Faculty	
Required Faculty	70
Available Faculty	90
No. of PhDs	

Professors	
Required Faculty	8
Available Faculty	8
No. of PhDs	8

Associate Professors	
Required Faculty	15
Available Faculty	10
No. of PhDs	10

Assistant Professors	
Required Faculty	47
Available Faculty	72
No. of PhDs	28

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100$$

$$= 46/90*100 = 51.1$$

$$\text{Student Faculty Ratio (SFR):} \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} =$$

$$= 1401/90 = 15.5$$

(90 faculty are teaching I B. Tech program, only 56 faculty from H&S)

4.2 Faculty Publication

		Academic year : 2024-25 (Only)								
		No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
S. No.	Name of the Faculty	Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1	Dr.K. Vagdevi	6						6	4	36
2	Dr.B.HemaChandra Rao	2						2	3	45
3	Dr.P. Satya Gopal Rao	1						1	6	74
4	Dr.P.Srikala	1						1	9	219
5	Dr.E. Ramya Sucharitha	2						2	6	184
6	Dr.G.Sampath Kumar	1						1	12	432
7	Dr.S.Manasa	1						1	5	52
8	Dr.P. Ramesh babu	5						5	12	337
9	B.Saroja Rani		1					1	2	5
10	Dr.P. Supriya Prakash	1						1	3	39
11	Dr. B.Jyothirmai		1				1	2	3	14
12	K.Suresh Babu	2						2	0	0
13	Dr.G.Krishna Kanthi	2						2	4	359
14	Dr. Indira				1	3		4	2	22
15	Dr.E.Madhavi				1	1		2	0	0
16	Dr.Nidhi Mishra				1			1	0	0
17	Dr.Y.Rama Krishna Prasad					1		1	1	1

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1	Dr. K. Vagdevi	Self-healing solid-state electrolytes for safer and more efficient lithium-ion battery technology	GRIET	202441005502	Published	02-09-2024

4.4 Faculty Research and Development: Nil

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.5 Faculty Consultancy Projects: Nil

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S.No.	Name of the Faculty	Nature of the Program (FDP/ STTP/ Training/ Workshop/ Guest Lecture/NPTEL etc)	Date of the Program	Duration	Organised Institute	Online/ Offline
1	Dr. Nidhi Mishra	NPTEL	01-08-2024 to 31-10-2024	8 weeks	IIT Madras	Online

			02-09-2024 to 11-09-2025	10 days	Malaviya Mission Teacher Training Program	Online
2	Dr. B Jyothirmai	FDP	02-01-2025 to 10-01-2025	9 days	UGC Malaviya Mission Teacher Training Centre, Jawaharlal Nehru Technological University Hyderabad	Online
3	Dr. G Krishna Kranthi	FDP				
4	Dr. A Parameswari	FDP	02-01-2025 to 10-01-2025	9 days	UGC Malaviya Mission Teacher Training Centre, Jawaharlal Nehru Technological University Hyderabad	Online
5	Dr. E Ramya Sucharitha	FDP	06-01-2025 to 11-01-2025	6 days	GOVERMENT ENGINEERING COLLEGE PALAMU	Online
6	Dr. P Supriya	FDP	06-01-2025 to 11-01-2025	6 days	JSS SCIENCE AND TECHNOLOGY UNIVERSITY	Online
7	Dr. S. Rajeswari	FDP	27-01-2025 to 01-02-2025	6 days	Bal-Bharati's Maghanmal J. Pancholia College of Commerce	Online
8	Dr. P Ramesh Babu	FDP	03-02-2025 to 08-02-2025	6 days	Gates Institute of Technology	Online
9	Dr. A Guru Sampathkumar	FDP	03-02-2025 to 08-02-2025	6 days	Gates Institute of Technology	Online
10	Dr. B Hema Chandra Rao	FDP	03-02-2025 to 08-02-2025	6 days	Gates Institute of Technology	Online
11	Dr. E Ramya Sucharitha	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online
12	Dr. B Jyothirmai	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online

13	Dr. Krishna Kranthi	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online
14	Dr. A Parameswari	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online
15	Dr. Madhavi	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online
16	Dr. P Satya Gopal Rao	FDP	17-02-2025 to 21-02-2025	5 days	Kamala Institute of Technology & Science	Online
17	Dr. Supriya Prakash	FDP	24-03-2025 to 29-03-2025	6 days	KPR Institute of Engineering and Technology, Coimbatore	Online
18	Dr. Pamidi Ramesh Babu	FDP	28-02-2025 to 22-03-2025	23 days	Various Academics, funded by MeitY and endorsed by DST-NQM/AICTE/UGC	Online
19	Dr. P Selva Kumar	FDP	24-03-2025 to 29-03-2025	6 days	KPR Institute of Engineering and Technology, Coimbatore	Online
20	Dr. E Naga Surendra	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
21	Dr. A Parameswari	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
22	Dr. G Krishna Kanthi	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
23	Dr. E Ramya Sucharitha	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
24	Dr. P Supriya	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline

			03-03-2025 to 13-03-2025	13 days	GRIET	Offline
25	Dr. Madhavi E	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
26	Mr. Sathiamoorthy S	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
27	Dr. Sutapa Santra	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
28	Mr. K Suresh Babu	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
29	Dr. S Vijay Prasad	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
30	Dr. A Guru Sampath Kumar	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
31	Dr. V Sesha Sai Kumar	FIP	03-03-2025 to 13-03-2025	13 days	GRIET	Offline
32	Dr. B Hema Chandra Rao	FDP	07-04-2025 to 12-04-2025	6 days	CVR College of Engineering	online
33	Dr. A Guru Sampath Kumar	FDP	07-04-2025 to 12-04-2025	6 days	CVR College of Engineering	online
34	Dr. V. Sesha Sai Kumar	Workshop	04-04-2025	1 day	Symbiosis Institute of Technology, Hyderabad	online
35	Dr. B Hema Chandra Rao	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
36	Dr. A. Guru Sampath Kumar	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
37	Dr. G. Krishna Kanthi	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online

			14-04-2025 to 18-04-2025	5 days	AICTE	Online
38	Dr. A Parameswari	FDP				
39	Ms. N Sashi Prabha	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
40	Ms. V Divya	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
41	Ms. P. Tara kumari	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
42	Ms. K. Suvarna Kumari	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
43	Ms. A. Vandhana	FDP	14-04-2025 to 18-04-2025	5 days	AICTE	Online
44	Dr. B Hema Chandra Rao	FDP	24-06-2025 to 28-06-2025	5 days	KL University, Guntur	online
44	Dr. A Guru Sampath Kumar	FDP	24-06-2025 to 28-06-2025	5 days	KL University, Guntur	online

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
1.	Dr. Nidhi Mishra	Gender & Literature	Feb to April 2025	NPTEL- AICTE
2	Dr. V Sesha Sai Kumar	Quantum Computing	One month	Centre for Development of Advanced Computing, Hyderabad & Indian Institute of Technology, Roorkee (Online)

4.8 Faculty as Resource Persons

Sl. No.	Name	Type of the program	Lecture Topic	Duration	Organization	Place of the program
1	Dr. B.Hema Chanra Rao	Guest Lecture	Role of Lasers in Optical communications	One hour	K L University	Aziz Nagar, Hyderabad
2	Dr. B.Hema Chanra Rao	Guest Lecture	Theoretical Investigation of Conductivity in Copper Oxides Doped with Transition and Alkali Metals	one hour	K L UNIVERSITY	Guntur, AP
3	Dr. E.Madhavi	Faculty Development Program on 'Digital Teaching Methods with ICT and AI Integration'.	Corpora Resources in English Language Learning	one day	T.R.R College of Technology	T.R.R College,Meerpet, Hyderabad.
4	DR. GuruSampath Kumar Ankisetty	Invited Talk	Nanostructured Thin films and its applications	2 h	Presidency University	Bangalore
5	Dr. E.Madhavi	Faculty Development Program	Corpora Resources in English Language Learning.	2hours	MARRI LAXMAN REDYY INSTITUTE OF	MLRITM, Dundigal

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students

No. of Students (UG):
EAMCET Starting Rank: **2215**
EAMCET Closing Rank: **165036**

No. of Students (PG): **NA**
Gate Starting Rank:
Gate Closing Rank:
PGCET stating Rank:
PGCET closing Rank:

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = NA
No. of students graduated from the program (n) = **NA**
UG Success Rate: m/n * 100 = **NA**

No. of students admitted in corresponding first year (PG) (m1) = **NA**
No. of students graduated from the program (n1) = **NA**
PG Success Rate: m1/n1 * 100 = **NA**

5.3 Students Placements, Higher Studies, Entrepreneurships

No. of students who are placed = **NA**
No. of students went for higher studies = **NA**
Highest and mean packages received by the students = **NA**
No. of students with entrepreneurship details = **NA**
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = **NA**

5.4 Students Activities

No. of Award-Winning Students in Technical Events:
No. of Students Participated in Technical Events: 50
No. of Students Participated in Sports / Cultural Events: 300
No. of Students Participated in NSS Activities:
                  1. NSS Anti-Narcotics Bureau -120
                  2. Blood Donation I B.Tech- 28

6. Curriculum Development

6.1 New Courses

UG: **Nil**
No. of new courses introduced (Mention the Regulation) =
No. of courses with change in syllabus (if more than 20%) =

PG: **Not Applicable**
No. of new courses introduced (Mention the Regulation) =
No. of courses with change in syllabus (if more than 20%) =

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	DEVC	S Rama	05/12/2024-09/12/2024	5	21	21	4

S.No							
2	AP	Dr. V Sesha Sai Kumar	05/12/2024-09/12/2024	5	17	17	6
3	EM	K Ratna Babu	10/12/2024-14/12/2024	5	25	25	5
4	EP	Dr. B Hema Chandra Rao	10/12/2024-14/12/2024	5	21	21	4
5	LAFA	K. Suresh Babu	19/05/2025 -22/05/2025	4	52	52	9
6	EC	Dr. B Jyothirmai	19/05/2025 -22/05/2025	4	36	36	6
7	PPS	M Mounica	23/05/2025-27/05/2025	4	35	35	9

6.3 No. of Value-Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1	Machine Learning	18-8-2025	30	Dr. Kiran Kumar	AAC in GRIET	19	19
2	Computer Vision	17-8-2025	30	Dr. Kiran Kumar	AAC in GRIET	19	19
3	Web Development	17-3-2025	30	Dr. Kiran Kumar	AAC in GRIET	27	27
4	App Development	18-11-2025	30	Dr. Kiran Kumar	AAC in GRIET	25	25
5	Internet of Things	18-11-2025	30	Dr. Kiran Kumar	AAC in GRIET	21	21

6.4 No. of Student Activities Organized by the Department:

s.no	Name of the activity (Workshop/Guest/Lecture/Seminar/Industrial visit/Alumni Talk etc.)	Name of the activity	Date of the activity conducted	Name of the Resource person Designation, Organization/Industry	Collaboration if any	Organized by Dept/Professional Body/etc	No. of students attended	No. of the Faculty Coordinator	Online/Offline
1	Human Values and Professional Ethics, Computer Proficiency, English Language Proficiency, Physical Activities like Sports and Games, Self Defense for Girls, Invited talks by Sri S Tirmal Reddy, Corporate Trainer, Sri. Pradyumna Krishna Basa, ISKON, Heartfulness, Kriya Yoga, Creative arts and Department Visits.	Induction & Orientation program 24-25	30.08.2024 to10.09.2024	i) Invited talks by Sri S Tirmal Reddy, ii) Sri. Pradyumna Krishna Basa, ISKON, iii) Ms. N. Lakshmi, self-defence trainer	-	H&S Dept, GRIET	1405	Dr. M Sridhar, HOD-H&S, Dr. G Patrick, Professor, Dr. B Jyothirmai, Dr. K Vagdevi and Mr. Ch Phani Rama Krishna	
2	Technical and Non-Technical Events - Club Activity.	Mega Event	06.12.2024	-	-	X-Kernel, GRIET	85	Dr. N.Krishna Chaithanya, Asst. Prof.,CSE, GRIET. Coordinator. Dr.B.Sankara Babu, Professor & HoD, CSE,GRIET. Convener.	Offline

								and Student Body of X-Kernel.	
3	Ideathon Quiz Coding competition etc	Resonance	28.02.25- 01.03.25	Mr. Divya Sagar Karthikeya Kondabathula	-	CSI, GRIET	230		Offline
4	Extra-curricular	GRIET Parliament	09.04.25	Sreekar Nandagiri	-	Team Spirals, GRIET	33	Mrs. S.T.G.Y Sandhya Asst. Professor CSE	Offline

Overview on Faculty Contribution and Development:

Faculty contribute to effective teaching- learning through outcome-based education, ICT- enabled pedagogy and continuous assessments while supporting curriculum design aligned with industry and regulatory needs.

They also promote research and innovation through projects, publications, patents and collaborations, strengthening the institutions academic profile.

Overview on Students Progression:

Students progression at the I B.Tech level emphasizes strong engineering fundamentals, essential learning skills and a smooth transition from school to professional education through academic support, mentoring and continuous assessment.
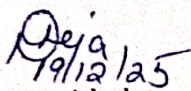
Overview on Academic Activities:

Academic performance is enhanced through structured lectures, tutorials and labs using ICT-enabled teaching. Continuous Internal Evaluation through exams and assignments is aligned with Course Program Outcomes.

Suggestions for the areas of improvement:

1. Strengthening Outcome Based Education (OBE) Implementation.
2. Education of Teaching-Learning Practices.
3. Academic Support for Diverse Learners.

Name of the Audit Member: Dr Dharma Teja Ranka
Designation: Asso. Professor, Department of ECE
Name of the Institute: VNR V JIET

Deja
19/12/25
Signature with date

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26 Audit Date: 04-12-25

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited:** IT, CSIT

1. **Programs Offered:**

	UG	UG	PG
Name of the Program	IT	CSIT	DS
Year of establishment	1999	2023	2020

2. **No. of Faculty & Students:**

Designation	UG		PG	
Professors	4		1	
Associate Professors	7		1	
Assistant Professors	24		1	
Total no. of Students	700		7	
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	432	269	2	5

3. Faculty Information and Contributions

4.1 Name of the Program(s): IT

Total Faculty	
Required Faculty	
Available Faculty	38
No. of PhDs	10

Professors	
Required Faculty	
Available Faculty	5
No. of PhDs	5

Associate Professors	
Required Faculty	
Available Faculty	8
No. of PhDs	5

Assistant Professors	
Required Faculty	
Available Faculty	25
No. of PhDs	0

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \times 100 = 26.31\%$$

$$\text{Student Faculty Ratio (SFR):} \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 18.60\%$$

4.2 Faculty Publications

S.No.	Name of the Faculty	No. of Papers Published				Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
		Indexed in SCI	Indexed in Scopus	Indexed in Web of Science	Indexed in Others					
1.	Dr. N. Rajasekhar					1	1	2	12	690
2.	Dr. N.V. Ganapathi raju		1			2	1	4	9	305
3.	Dr. Y. J Nagendra Kumar		1			1		2	10	494
4.	Avvari Pavithra					1		1	5	171
5.	P Gopala Krishna		1			1		2	7	126
6.	AKILA VENKATRAMAN					1		1	5	92
7.	Yaragudipati Sri Lalitha					2		2		
8.	G. Vijendar Reddy					1		1	9	223
9.	Dr. K. Ravikiran					1		1	5	75
10.	Dr. Ch Vidyadhari		1					1	7	174
11.	Dr. K. Prasanna Lakshmi		1					1	8	699
12.	Dr. G. Prasanthi		1					1	3	25
13.	Dr. N. Rajasekhar					1	1	2	12	690

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application /

					Publication / Grant
			NIL		

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
			NIL			

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
			NIL			

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
1.	K Sandeep	Experimental learning-problem and project based approaches	25-06-2025 to 37-06-2025	3 days	GRIET	ONLINE
2.	Y Prasanna	Experimental learning-problem and project based approaches	25-06-2025 to 37-06-2025	3 days	GRIET	ONLINE
3.	V Sailaja	Experimental learning-problem and project based approaches	25-06-2025 to 37-06-2025	3 days	GRIET	ONLINE
4.	K Bhavani	Faculty induction program	03-03-2025 t0 13-03-2025	10 days	GRIET	OFFLINE
5.	L Hema Lalitha	Faculty induction program	03-03-2025 t0 13-03-2025	10 days	GRIET	OFFLINE
6.	CH Sujatha	Advances in Deep Learning for Image perocecing and computr Vison	05-02-2025 to 09-02-2025	9 days	KLU	ONLINE
7.	A Vani Pushpavathi	Advances in Deep Learning for Image perocecing and computr Vison	05-02-2025 to 09-02-2025	9 days	KLU	ONLINE
8.	R Madhuri	AI-Tools	17-02-2025 TO 21-02-2025	5 Days	GRIET	OFFLINE
9.	T Nishitha	Building web development solutions with cloud	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE

		computing under next gen employability program				
10.	I Laxmi Bindhu	Building web development solutions with cloud computing under next gen employability program	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE
11.	K Sandeep	Building web development solutions with cloud computing under next gen employability program	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE
12.	J Alekhya	Building web development solutions with cloud computing under next gen employability program	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE
13.	AVani Pushpavathi	Building web development solutions with cloud computing under next gen employability program	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE
14.	CH Sujatha	Building web development solutions with cloud computing under next gen employability program	20-01-2024 to 25-01-2024	6 days	GRIET	OFFLINE
15.	Dr Y J Nagendra Kumar	Short term training program on Gen AI	29-11-2024 TO 04-12-2024	5DAYS	GRIET	OFFLINE
16.	Dr N V Ganapathi Raju	Short term training program on Gen AI	29-11-2024 TO 04-12-2024	5DAYS	GRIET	OFFLINE
17.	A Pavithra	Short term training program on Gen AI	29-11-2024 TO 04-12-2024	5DAYS	GRIET	OFFLINE
18.	Dr Y J Nagendra Kumar	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
19.	Dr Ravi kiran	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
20.	A Pavithra	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
21.	Y Prasanna	IOT AND BLOCK CHAIN: Securing the	10-03-2025 to 21-03-	12 days	NIT warangal	ONLINE

S. No.	Name of the Faculty	Name of the Course	Date	Duration	Organization	Mode
		next genetation of connected devices	2025			
22.	P k Abhilash	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
23.	V Sailaja	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
24.	A Vani pushpavathi	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
25.	I Laxmi Bhindhu	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
26.	CH Sujatha	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
27.	K Bhavani	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE
28.	K sandeep	IOT AND BLOCK CHAIN: Securing the next genetation of connected devices	10-03-2025 to 21-03-2025	12 days	NIT warangal	ONLINE

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
NIL				

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1.	P.Gopala krishna	Guest Lecture	Digital Electronics	5 hours	SCTPC	Hyderabad
2.	Dr K.Ravi Kiran	Guest Lecture	IoT Case Studies and Networking Protocols	8 hours	SCTPC	Hyderabad
3.	Dr.R V S S Nagini	Guest Lecture	Introduction to Artificial Intelligence and Machine learning	6 hours	SCTPC	Hyderabad
4.	Dr. V Akila	Guest Lecture	ML-Supervised Learning	14 hours	SCTPC	Hyderabad
5.	Dr. G Prasanthi	Guest Lecture	Reinforcement Learning	7 hours	SCTPC	Hyderabad
6.	Dr.Y Srilalitha	Guest Lecture	ML-Unsupervised	6 hours	SCTPC	Hyderabad

7.	Dr.N.V Ganapathi Raju	Guest Lecture	Learning Deep Learning	18 hours	SCTPC	Hyderabad
8.	Dr N Rajasekhar	Guest Lecture	UnSupervised Learning	4 hours	SCTPC	Hyderabad
9.	Dr. Y J Nagendra Kumar	Guest Lecture	Python	11 hours	SCTPC	Hyderabad

4. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students
No. of Students (UG): NA
EAMCET Starting Rank: NA
EAMCET Closing Rank: NA

No. of Students (PG): NA
Gate Starting Rank: NA
Gate Closing Rank: NA
PGCET stating Rank: NA
PGCET closing Rank: NA

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = NA
No. of students graduated from the program (n) = NA
UG Success Rate: m/n * 100 = NA

No. of students admitted in corresponding first year (PG) (m1) = NA
No. of students graduated from the program (n1) = NA
PG Success Rate: m1/n1 * 100 = NA

5.3 Students Placements, Higher Studies, Entrepreneurships
No. of students who are placed = 112
No. of students went for higher studies = 6
Highest and mean packages received by the students = 4.39Lakhs
No. of students with entrepreneurship details = NIL
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 6

5.4 Students Activities
No. of Award Winning Students in Technical Events: 25
No. of Students Participated in Technical Events: 71
No. of Students Participated in Sports / Cultural Events: 1110
No. of Students Participated in NSS Activities: 200

5. Curriculum Development

6.1 New Courses

UG:

No. of new courses introduced (Mention the Regulation) = NA

No. of courses with change in syllabus (if more than 20%) = NA

PG:

No. of new courses introduced (Mention the Regulation) = NA

No. of courses with change in syllabus (if more than 20%) = NA

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	Data Communication and Computer Networks	Ms. A. Pavithra	09/12/2024-13/12/2024	5 Hours	18	18	0
2	Economics and Accounting for Engineers	Ms. Y. Gayatri	09/12/2024-13/12/2024	5 Hours	20	20	5

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1.	JAVA Programming	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	219	219
2.	RDBMS-Postgre SQL	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	203	203
3.	R	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	185	185
4.	Linux	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	173	173
5.	Git	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	194	194
6.	Android App Using Kotlin	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	173	173
7.	AWS- Cloud Foundation	30days	45	Hema Lalitha	AWS	165	165
8.	JAVA Programming	30days	45	Srilakshmi Aluri	Spoken Tutorials - IIT Bombay	219	219

6.4 No. of Student Activities Organized by the Department:

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1.	Guest Lecture	A Guest Lecture on Career Planning | Interview Techniques	1 February 2025	Leela Sai Dev Boddu Guru / Cantilevel labs		IT	146	Mrs.A.Pavithra	Offline
2.	Guest Lecture	ENERGISE YOUR WORKDAY Empowering techniques for great well-being	1 February 2025	Jay Prakash Nambaru		IT	220	Bh.Prasanthi, A Vani Pushpavathi	Offline
3.	Workshop	AWS Cloud Essentials Boot Camp (A 3 Day Hands-On Learning Experience)	25 March 2025	Dr.S.Bapi Raju	SDC, GRIET	IT	160	L.Hema Lalitha, R Madhuri	Offline
4.	Guest Lecture	Alumni Guest Lecture on Software Engineer Roles	4 November 2025	Sannidhi Badri Naga Sai Sathvik / Cyber Ark	Cyber Ark	IT	66	K.Sandeep	Offline
5.	Technical Event	CIPHERQUEST	22 November 2025	Prof P. Gopal Krishna	Pragnya,GRIET	IT	20	Prof P. Gopal Krishna	Offline
6.	TECH EVENT	X-Kernal Mega Event	6 December 2024	Dr.N.Krishna Chythanya	GRIET	IT	51	J.Alekhya	Offline
7.	Technology Awareness	FOSSFEST	30 November 2024	fsw	FSW	IT	155	Dr.K.Ravi Kiran	Offline
8.	Workshop	Generative AI	28 November 2024	Mr.P.Mohan / Y.V.N Phani Kishore	Tech Mahindra	IT	56	DR.Y.J Nagendra kumar	Offline
9.	Guest	Guest	28	C.Lavanya /	Star	IT	76	Dr.Y.Sri	Offline

	Lecture	Lecture on Agile Technologies and various roles in Industry	September 2024	Star care technology	care technology			Lalitha	
10.	Industrial Visit	Industrial Visit to National Industrial Security Academy	25 September 2024	Dr.N.V.Ganapathi Raju	NISA	IT	55	Dr.N.V.Ganapathi Raju	Offline
11.	Guest Lecture	Orientation Session for Girls by KATALYSTN GO KATALYSTN GO	21 September 2024	Radha	WDC	IT	500	Bh.Prasanthi	Offline
12.	Guest Lecture	A Guest Lecture on Career Planning | Interview Techniques	1 February 2025	Leela Sai Dev Boddu Guru / Cantilevel labs	Canti level labs	IT	146	Mrs.A.Pavithra	Offline

Overview on Faculty Contribution and Development:

- Faculty actively participate in FDPs, STTPs, workshops, and continuous skill development programs.
- Several faculty serve as resource persons for expert lectures in AI, ML, IoT, and related areas.
- Consistent publication output with a good number of PhD-qualified faculty.
- No patents or funded projects reported, but overall strong involvement in teaching–learning enhancement and academic contribution.

Overview on Students Progression:

- Strong placement outcomes with 112 students placed and 6 pursuing higher studies.
- Active participation in technical, cultural, sports, and NSS activities.
- Multiple student achievements in technical events.
- 100% completion in value-added courses such as Java, RDBMS, R, Linux, Git, Kotlin, and AWS.
- Overall good academic progress, skill development, and professional readiness.

Overview on Academic Activities:

- Organized multiple academic events: guest lectures, workshops, technical events, industrial visits, and alumni sessions.
- Activities covered areas like Generative AI, Cloud Computing, Agile Technologies, Cybersecurity, and Career Planning.
- Provided industrial exposure through visits such as NISA.
- Conducted remedial classes for academically weaker students.
- Offered several value-added courses in collaboration with IIT Bombay and AWS, enhancing technical skills.

Suggestions for the areas of improvement:

- Encourage faculty to initiate and apply for **funded research projects, consultancy,** and **patent filings** to strengthen R&D portfolios.
- Increase the number of **quality publications in SCI/Scopus indexed journals.**
- Offer more **industry-focused certification courses** aligned with emerging technologies.
- Enhance student success metrics by tracking **PG admissions, competitive exam preparation,** and **entrepreneurship initiatives.**
- Expand **industrial collaborations** for internships, MoUs, and real-time project exposure.
- Strengthen remedial and bridge programs to improve academic performance for weaker students.
- Improve documentation of academic activities to ensure more structured reporting during audits.

Name of the Audit Member: Dr. M. Venkatesham

Designation: COE, Asst. prof

Name of the Institute: BVRIT HYDERABAD College of Engg for Women.

4/12/25
Signature with date

![GRIET Logo]

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Internal Quality Assurance Cell (IQAC)

GRIET/IQAC/G/25-26   Audit Date: 29/12/2025

DEPARTMENT ACADEMIC AND ADMINISTRATIVE AUDIT
(Academic Year: 2024-25)

1. **Name of the Department to be Audited:**   Mechanical Engineering

2. **Programs Offered:**

	UG	**PG**
Name of the Program	Mechanical Engineering	
Year of establishment	1997	

3. **No. of Faculty & Students:**

Designation	**UG**		**PG**	
Professors	5		-	
Associate Professors	7		-	
Assistant Professors	8		-	
Total no. of Students	202		5	
	No. of Boys	No. of Girls	No. of Boys	No. of Girls
	184	18	4	1

4. **Faculty Information and Contributions**

4.1 Name of the Program(s): B.Tech Mechanical Engineering

Total Faculty	
Required Faculty	22
Available Faculty	20
No. of PhDs	12

Professors	
Required Faculty	2
Available Faculty	5
No. of PhDs	5

Associate Professors	
Required Faculty	5
Available Faculty	7
No. of PhDs	7

Assistant Professors	
Required Faculty	15
Available Faculty	8
No. of PhDs	3

$$\text{Faculty Qualification} = \frac{\text{Total Number of Faculty with PhD in the Department}}{\text{Total Number of Faculty Available}} \ x \ 100 = 73.9\%$$

$$\text{Student Faculty Ratio (SFR)}: \frac{\text{Total Number of Students (UG \& PG) in the Department}}{\text{Total Number of Faculty Available in the Department}} = 9.61\%$$

4.2 Faculty Publications

S. No.	Name of the Faculty	Papers Published in Conferences	Papers Published in Journals	Total Papers Published	H-Index	No. of Citations
1	Dr. A Anitha Lakshmi	3	5	8	10	239
2	Dr. Swadesh K. Singh	8	18	26	34	779
3	Dr. N Sateesh	5	4	9	14	180
4	Mr. B. Ch. Nookaraju	1	2	3	9	90
5	Dr. R Karthikeyan	6	5	11	13	140
6	Dr. R Raman Goud	3	0	3	5	40
7	Dr. U S Jyothi	0	0	0		0
8	Dr. Ram Subbiah	24	5	29	37	480
9	Dr. K Satyanarayana	5	11	16	21	377

10	Dr. B Tanya	8	6	14	11	160
11	Mr. D S Naga Raju	1	2	3	4	40
12	Dr. K Sunil Kumar Reddy	4	1	5	5	38
13	Dr. Ch. Bandhavi	0	0	0	4	30
14	Mr. D Eswaraiah	0	0	0		0
15	Dr. J Venkata Suresh	1	0	1	3	9
16	Mr. K Ratnababu	0	0	0	2	0
17	Mr. V Balaji	0	2	2	3	48
18	Mr. S Sravan Sashank	3	2	5	4	72
19	Dr. B Krishna Mohan	3	1	4	2	63
20	M. Sreekanth	0	0	0		0
21	B.Shankrachary	0	0	0		0
22	S Aparna	0	0	0	3	0
23	Dr. Rakesh Kumar	1	1	2	4	25
24	Dr. Shashi Ranjan Singh	1	1	2	3	32
25	Mr. Aarjoo Jaimin	0	0	0	11	14
26	Dr. Anshuman Kumar	2	2	4	10	187

4.3 Faculty Intellectual Property Rights (IPR)

S. No.	Name of the Faculty	Title of the Patent	Country / Institute	File Number	Status of Patent	Date of Application / Publication / Grant
1	Dr. Ram Subbiah	Catalyst for Enhanced production of Biofuels from Algae Biomass	India	202521063548	published	25/07/2025

4.4 Faculty Research and Development

S. No.	Name of the Faculty (PI / Co-PI)	Title of the Project	Funding Agency	Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1	Dr.K.Satyanarayana	Design Of Experiments and Analysis of Results for Optimization of Ventilation System Design Parameters Through Experimental Evaluation of Axisymmetric Supercavitating Body	NSTL DRDO	1 year	5,71,120	5,71,120
2	PI- Prof Shankar Babu & Co-Pi- Dr Krishna Mohan	Topology Optimization of Die Design for Additive Manufacturing: Design and Analysis	Ample Auto Tek Pvt Ltd	2 year	23,60,000	23,60,000
3	PI- Prof Vara Prasad & Co-Pi Dr Anitha Lakshmi	Optimization of Process Parameters on Tig	Ample Auto Tek Pvt Ltd	2 year	23,60,000	23,60,000

		Welded Dissimilar Materials of AL6061 and AL8011 for Battery Tray Application using Machine Learning				
4	PI- Dr G Ramesh, Co-Pi- Dr Tanya & Prof Nitin	Automated Defect Detection in steering and suspension components using Image Analysis	Ample Auto Tek Pvt Ltd	2 year	13,80,600	13,80,600
5	PI- Dr E Poornima, Co-Pi- Dr K Satyanarayana	Predictive modelling and optimization of mechanical properties of Ball Pins using Random Forest for enhanced Manufacturing and Material Selection	Ample Auto Tek Pvt Ltd	2 year	10,26,000	10,26,000

| 6 | PI- Dr Ram Kumar & Co-PI Dr Bandhavi Ch | Hybrid Machine learning framework for real time tool wear detection and predictive maintenance in Manufacturing | Ample Auto Tek Pvt Ltd | 2 year | 11,54,153 | 11,54,153 |

4.5 Faculty Consultancy Projects

S. No.	Name of the Faculty	Title of the Project	Industry / Organization	Consultancy Project Duration	Sanctioned Amount (Lakhs)	Amount Received (Lakhs)
1	Pi- Dr K Satyanarayan & Co-PI- Dr Phaneendra Babu Bobba	Customized load cell design and manufacturing for fric;on test measurement	JRAGRAU Industries	**1 year**	11,80,000	11,80,000

4.6 Faculty Participation in FDPs / Workshops / STTPs / etc.

S. No.	Name of the Faculty	Name of the FDP / Workshop /STTP	Date of the Program	Duration	Organized Institute	Online / Offline
1	Dr B Tanya	CFD Basics and Industrial	4/11/2024 to	1 week	BVRIT, Narsapur	Offline

		Applications	9/11/2024			
2	Dr. Ch Bandhavi	CFD Basics and Industrial Applications	4/11/2024 to 9/11/2024	1 week	BVRIT, Narsapur	Offline
3	Dr K satyanarayana	CFD Basics and Industrial Applications	4/11/2024 to 9/11/2024	1 week	BVRIT, Narsapur	Offline
4	Dr. A. Anitha lakshmo	CFD Basics and Industrial Applications	4/11/2024 to 9/11/2024	1 week	BVRIT, Narsapur	Offline
5	Dr. B. krishna Mohan	CFD Basics and Industrial Applications	4/11/2024 to 9/11/2024	1 week	BVRIT, Narsapur	Offline
5	Dr. B ch Nookaraju	Role of Additive manufacturing Applications in Sustainable materials	16/12/2024 to 21/12/2024	1 week	GRIET	Offline
6	Dr A.Anitha lakshmi	Role of Additive manufacturing Applications in Sustainable materials	16/12/2024 to 21/12/2024	1 week	GRIET	Offline

4.7 Faculty Certification

S. No.	Name of the Faculty	Name of the Course	Duration	Certification Agency
1	Dr N Sateesh	Introduction to Internet of Things	3 months	Swayam-NPTEL
2	Dr N Sateesh	Cloud Computing	2 months	Swayam-NPTEL
3	Dr. R.Karthikeyan	Cloud Computing	3 months	Swayam-NPTEL
4	Dr. R.Karthikeyan	Data Analytics with Python	3 months	Swayam-NPTEL
5	Dr R Raman Goud	Cloud Computing	2 months	Swayam-NPTEL
6	Mr. P Balaji	Python for Datascience	1 month	Swayam-NPTEL

4.8 Faculty as Resource Persons

S. No.	Name of the Faculty	Type of Program	Lecture Topic	Duration	Organization	Place of Program
1	Dr. A, Anitha lakshmi	Atal FDP	Materials for Sustainable manufacturing	1 week	AITAM	Srikakulam
2	Dr. K satyanarayana	Reviewer	Journal of Surfaces and Interfaces	1 year	Journal of Surfaces and Interfaces	India

5. Students Enrollment and Progression

5.1 Number of seats filled under various quotas and quality of students

No. of Students (UG):30
EAMCET Starting Rank:23326
EAMCET Closing Rank: 165036

5.2 Academic Performance of Students

No. of students admitted in corresponding first year (UG) and students admitted in second year through lateral entry (m) = 52
No. of students graduated from the program (n) = 65
UG Success Rate: m/n * 100 = 80%

5.3 Students Placements, Higher Studies, Entrepreneurships

No. of students who are placed = 33
No. of students went for higher studies = 5
Highest and mean packages received by the students = 6.8 L
No. of students with entrepreneurship details = 1
No. of students who qualified in competitive examinations (Civil Services, GATE, GMAT, CAT, GRE, TOEFL, etc.) = 10

5.4 Students Activities
No. of Award Winning Students in Technical Events: 5
No. of Students Participated in Technical Events: 20
No. of Students Participated in Sports / Cultural Events: 54
No. of Students Participated in NSS Activities:22

6. Curriculum Development
6.1 New Courses

UG:
No. of new courses introduced (Mention the Regulation) = 4 (GR24)
No. of courses with change in syllabus (if more than 20%) = 2

6.2 Details of Conduction of Remedial Classes for Academically Weak Students:

S. No	Name of the Course	Name of the Faulty	Duration of the Course From (Date) - To (Date)	No. of Classes taken	No. of Weak Students	No. Students attended	No. of Students passed
1	Kinematics of Machinery	Ms B Tanya	4/11/2024 to 8/11/2024	5	22	17	15
2	Basic Electrical and Electronics Engineering	Ms MN Sandhya	4/11/2024 to 8/11/2024	5	32	29	27
3	Thermodynamics	Dr BCH Nookaraju	4/11/2024 to 8/11/2024	5	31	24	22
4	Strength of Materials	Mr DS Nagaraju	4/11/2024 to 8/11/2024	5	39	26	24
5	Metallurgy and Material Science	Dr A Anitha Lakshm	4/11/2024 to 8/11/2024	5	25	22	22

6.3 No. of Value Added Courses Conducted:

S. No.	Name of the Value Added Course	Duration of the Course	No. of Hours.	Faculty Coordinator	Collaborative Industry	No. of Students Registered	No. of Students Passed
1	Scilab	10 Weeks	30	B Shankarachary	IIT Bombay Spoken Tutorials	65	33
2	Arduino	10 Weeks	30	B Shankarachary	IIT Bombay Spoken Tutorials	68	54

3	Arduino	10 Weeks	30	B Shankarachary	IIT Bombay Spoken Tutorials	65	53
4	Scilab	10 Weeks	30	B Shankarachary	IIT Bombay Spoken Tutorials	68	49

6.4 No. of Student Activities Organized by the Department:

S. No.	Name of the Activity (Workshop / Guest Lecture / Seminar / Industrial Visit /Alumni Talk, etc.)	Name of the Activity	Date of the Activity Conducted	Name of the Resource person, Designation, Organization / Industry	Collaboration if any	Organized by Dept / Professional Body / etc.	No. of Students attended	Name of the Faculty Coordinator	Online / Offline
1	Guest Lecture	Inspiring talk on India's Space Programs and Missions	9/18/2024	Sri Ajit Kumar Nath, Deputy GM (Retd), SDSC & ISRO	NA	NA	95	B Shankarachary, Assistant Professor	Offline
2	Guest Lecture	Art of Improving Resea	9/28/2024	Prof. Upadrasta Ramamurthy, Professor, School of	NA	NA	76	B Shankarachary, Assistant Professor	Offline

				mechanical & Aerospace Engineering President's Chair in Mechanical and Aerospace Engineering and Materials Science and Engineering at NTU Singapore					
3	Industrial Visit	Industry Visit Hindustan Coca-Cola Beverages Pvt Ltd, Miyapur	9/30/2024	Dr. R Srinivas - Scientist/Engineer at National Remote Sensing Center, ISRO	NA	NA	46	Dr. Anshuman Kumar - Associate Professor	Offline
4	Guest Lecture	Guest Lectur	11/04/2024	By SuryaV	NA	NA	118	Dr. A Anitha	Offline

		e on Heat Exchangers Design Optimization and Analysis		enkata SumanthDochi bhatla, Mechanical Engineer, Design Engineer, Atlanta, Georgia, United States				laxmi, Associate Professor & Head,	
5	Guest Lecture	Guest Lecture on Manufacturing processes	15-11-2024	R Sanjay Retired group A officer Dy Chief Mechanical Engineer Indian Railways	NA	NA	117	Dr. A Anitha laxmi, Associate Professor & Head, Dept. Of ME-GRIET.	Offline
6	Guest Lecture	Guest Lecture on Advanced Drone Technologies	22-02-2025	Dr Janardhan Vistapalli, Associate Professor, Mahindra	NA	NA	57	B Shankarachary, Assistant Professor	Offline

			Univers ity					
7	Guest Lecture	Guest Lectur e on Career enhanc ement	24-03-2025	Mr. K.V. Raman, Deputy General Manage r, T.I.M.E	NA	NA	55	B Shanka rachar y, Assista nt Profes sor	Offline
8	Guest Lecture	Guest Lectur e on Opport unity for Abroad Interns hip	26-03-2025	Dr. Swades h Kumar Singh, Profess or, Dean R&D, GRIET	NA	NA	60	B Shanka rachar y, Assista nt Profes sor	Offline
9	Guest Lecture	Guest Lectur e on Health, Safety and Enviro n manag ement in workpl aces and Comm unities	26-03-2025	P MURALI DHAR Professo r & Head-Incubati on Centre NICMAR Universi ty of construc tion studies(NUCS), Hyderab ad	NA	NA	111	B Shanka rachar y, Assista nt Profes sor	Offline

Overview on Faculty Contribution and Development: Faculty published more research publications in SCI/ Scopus and participated in National and International conferences. Five Faculty have been awarded doctrate. Faculty got certified in AI/ML/ data science allied courses through swayam-NPTEL. Four Faculty got 11 NPTEL credits.

Overview on Students Progression: Good number of students have been placed with a highest package of 7 lac per annum. Participated in Hackathons and SAE Activities. 2 batches of Students got awarded in Hackathon competition and 2 students went to national in shooting.

Overview on Academic Activities: Students maintained overall good pass percentage with improvement in interpersonal skills.

Suggestions for the areas of improvement: Students should be trained in Advanced tools like Product Life cycle Management (PLM) Tools, Advanced Multidisciplinary courses like Artificial Intelligence, Machine Learning etc.,

Name of the Audit Member: Dr. P. Senthil Kumar

Designation: Professor, Mechanical Engineering

Name of the Institute: B.V. Raju Institute of Technology Narsapur, Hyderabad.

Signature with date

29/12/2025