

Part A[Back To Content Page](#)**I. Institutional Information****I.1 Name and address of the institution and affiliating university**

(Instruction: The name, address of the institution, and the name of the university, which has given affiliation to this institution, are to be listed here.)

Name and Address of the Institution:**Gokaraju Rangaraju Institute of Engineering and Technology**

Bachupally, Kukatpally, Hyderabad - 500 090

Telangana

Ph: 040-65864440, 65864441

e-mail: info@griet.ac.inwebsite: www.griet.ac.in**Name and Address of the Affiliating University:****Jawaharlal Nehru Technological University Hyderabad (JNTUH)**

Kukatpally, Hyderabad – 500 085

Telangana

Ph: 040-23158661 to 23158664

website: www.jntuh.ac.in**I.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA**

(Instruction: The name of the contact person, with other details, has to be listed here.)

Name: Dr Jandhyala N Murthy

Designation: Principal

Mobile No: +91-9391184994 , +91-9652313434

Email id: principal@griet.ac.in

Ph: 040-65864440, 65864441

I.3 History of the institution (including the date of introduction and number of seats of various programmes of study along with the NBA accreditation, if any) in a tabular form

(Instruction: History of the institution and its chronological development along with the past accreditation records need to be listed here.)

Level	Programme	FullTime/ PartTime/ Sandwich	Year of Starting	Intake Sanctioned	Year of enhancement	Sanctioned enhancement	Accreditation Status A/NA/AF	NBA Accreditation Visits
UG	Electrical and Electronics Engineering (EEE)	FullTime	1997	40	2001,2007	20,60	A	Granted Provisional Accreditation for two years for the period 2014-16
UG	Mechanical Engineering (ME)	FullTime	1997	60	2002, 2006, 2013,2015	30 , 30, 60,-60	A	Granted Provisional Accreditation for two years for the period 2014-16
UG	Electronics & Communication Engineering (ECE)	FullTime	1997	40	2000, 2001, 2006, 2011, 2013,2015	20, 30, 30, 60, 60,60	A	Granted Provisional Accreditation for two years for the

								period 2014-16
UG	Computer Science and Engineering (CSE)	FullTime	1997	40	1999, 2000, 2006, 2012, 2013,2015	20, 30, 30, 60, 60,120	A	Granted Provisional Accreditation for two years for the period 2014-16
UG	Information Technology (IT)	FullTime	1999	40	2000, 2006,2015,2016	20, 60,-60,60	A	Granted Provisional Accreditation for two years for the period 2014-16
UG	Civil Engineering (CE)	FullTime	2008	60	2009	60	AF	NBA experts visited during May15,16,17 waiting for results
UG	Bio Medical Engineering	FullTime	2002	30	2015	-30	NA	
UG	Bio Technology	FullTime	2002	30	2008,2012,2015	60,-30,-60	NA	
PG	M.Tech-Design for Manufacturing(DFM)	FullTime	2004	18			AF	NBA experts visited during May15,16,17 waiting for results
PG	M.Tech-Power Electronics(PE)	FullTime	2006	18			AF	NBA experts visited during May15,16,17 waiting for results
PG	M.Tech-VLSI	FullTime	2006	18			NA	
PG	M.Tech-Embedded Systems(ES)	FullTime	2007	18			NA	
PG	M.Tech-Computer Science Engineering(CSE)	FullTime	2007	18	2013	6	NA	
PG	M.Tech-Software Engineering(SE)	FullTime	2007	18			NA	
PG	M.Tech - Thermal Engineering(TE)	FullTime	2013	18			NA	
PG	M.Tech-Power Systems(PS)	FullTime	2014	18			AF	NBA experts visited during May15,16,17 waiting for results
PG	M.Tech-Structural Engineering(St E)	FullTime	2014	18			NA	
PG	MBA	FullTime	2006	60	2011,2015	60,-60	NA	

I.4 Ownership status

(Instruction: Ownership status of the institute has to be listed here.)

society (Govt./NGO/private)

I.5 Mission and Vision of the Institution

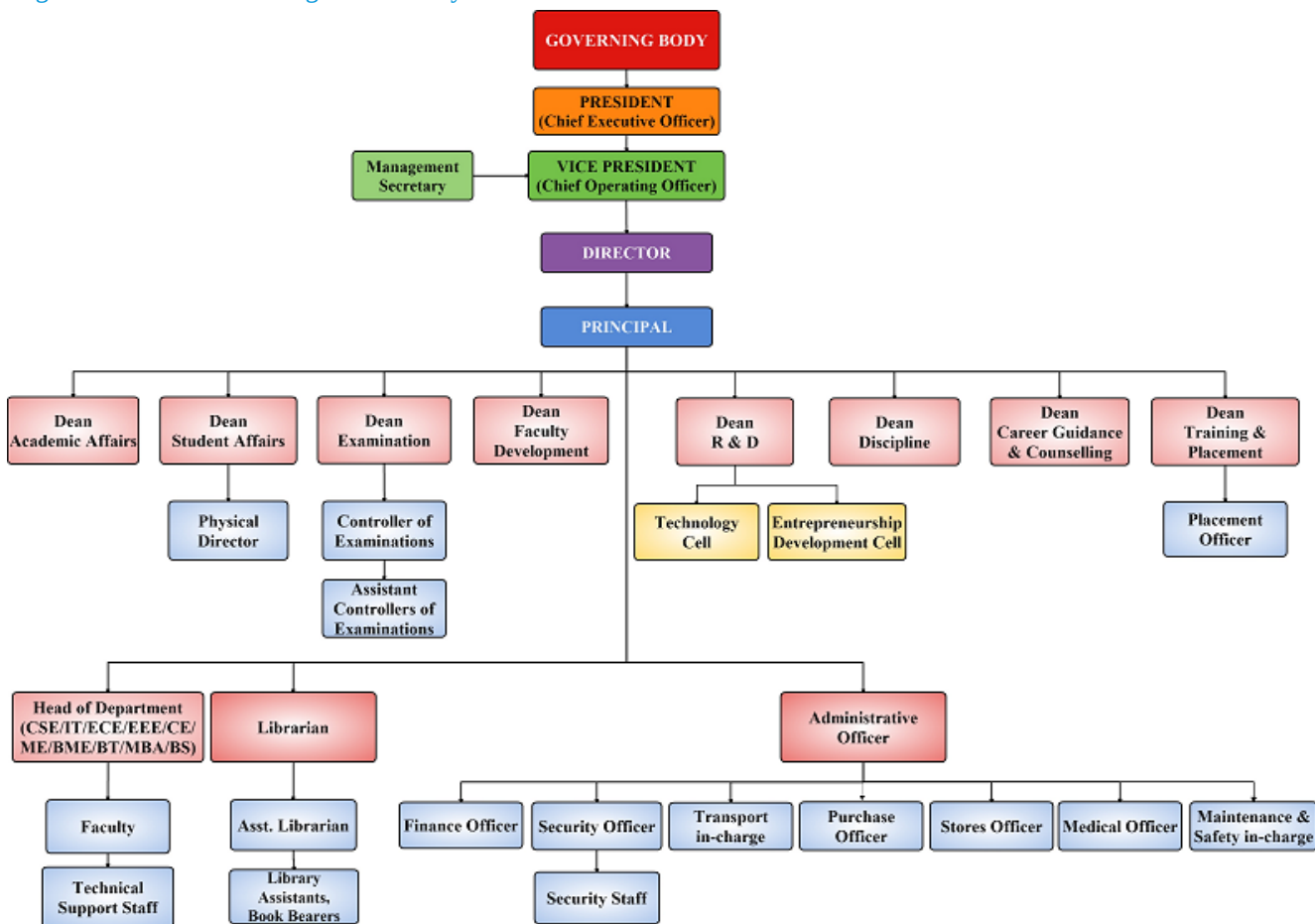
(The institution needs to specify its Mission and Vision).

Vision of the Institution: To be among the best of the institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicenter of creative solutions.

Mission of the Institution: To achieve and impart quality education with an emphasis on practical skills and social relevance.

I.6 Organisational Structure

Organisational chart showing the hierarchy of academics and administration is to be included



I.7 Financial status

(Instruction: Financial status of the institute has to be mentioned here.)

private self-financed

I.8 Nature of the trust/society:

Also list other institutions/colleges run by the trust/society

(Instruction: Way of functioning and activities of the trust/society have to be listed here.)

Gokaraju Rangaraju Educational Society (GRES) is a charitable educational society promoting quality education in Andhra Pradesh founded and promoted by **Dr. Gokaraju Gangaraju, Chairman of Laila Group of Industries, manufacturers of sugar, paper and pharma products.**

GRES draws its inspiration from the leadership and vision of late **Sri Gokaraju Rangaraju**, Founder President of S R K R Engineering College, DNR College, Bhimavaram, Chairman of Board of Trustees, Tirumala Tirupati Devasthanams, Member of A.P. Legislative Assembly, a distinguished crusader in the field of education, who focused his efforts on the promotion of quality education.

The main objective of GRES is to promote technological, medical and management educational institutions for the overall benefit of the state in particular, and the country in general.

The society established **Gokaraju Rangaraju Institute of Engineering and Technology** in 1997 and **Gokaraju Rangaraju College of Pharmacy** in 2003. GRIET has the distinction of being one among the Top 10 Ranking and reckoning Institute of choice and preference for the aspiring students. Both these institutions established innovative standards in their respective fields.

Name	Year of Establishment	Location
Gokaraju Rangaraju College of Pharmacy	1997	Hyderabad

I.9 External sources of funds

(Instruction: The different sources of the external funds over the last three financial years are to be listed here.)

Name of the external source	2015-2016	2014-2015	2013-2014	2012-2013
	0	0	0	0

I.10 Internally acquired funds

(Instruction: The different sources of the internal funds over the last three financial years are to be listed here.)

Name of the internal source	2015-2016	2014-2015	2013-2014	2012-2013
Students Fee	34,87,36,000	30,55,69,800	26,80,53,960	23,24,42,000
Special fee, Transport, library fee, Interest on FDR, Miscellaneous	5,76,27,000	7,22,23,870	7,18,59,390	5,95,60,000

I.11 Scholarships or any other financial assistance provided to students

(Instruction: If any scholarship or financial assistance is provided to the students then the details of such assistance over the last three financial years has to be listed here. Also mention needs to be made of the basis for the award of such scholarship).

Type of scholarship	2015-2016	2014-2015	2013-2014	2012-2013
State Government Scholarship (Welfare Schemes for SC, ST, BC, EBC, Disabled, Minority)	11,30,33,500	10,11,00,700	8,91,65,500	7,64,87,300
Central Government Scholarships (GATE for PG Studies)	52,48,000	82,56,500	75,84,000	52,80,000
MHRD (BC,SC,ST,EBC,BC-E, Disabled, Welfare)	2,10,000	1,50,000	1,20,000	1,00,000
Rank based scholarship by our Institute	1,95,000	3,25,000	1,90,000	3,40,000
PM Scholarship	1,20,000			

I.12 Basis/criterion for admission to the institution

(Instruction: The basis/criterion for student intake has to be listed here.)

Admissions are made through the Guidelines given by State Government from time to time. Currently admissions for 70% of the sanctioned intake, commonly known as Category "A" by the Government are made through a State-Level Entrance conducted by Govt. of Telangana. named 'EAMCET' and 'ECET' for B.Tech studies, 'PGECET' and 'GATE' for M.Tech studies, 'ICET' for MBA and 30% admissions under the Category "B" will be made by the Management, following the procedure laid down through the G.Os issued by the Govt. of Telangana.

I.13 Total number of students

(Instruction: Total number of engineering students, both boys and girls, has to be listed here. The data may be categorised in a tabular form under graduate or post graduate engineering, or other programme, if applicable.)

	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys(UG,PG or other programme if applicable)	3379	2982	2850	2631
Total no. of girls(UG,PG or other programme if applicable)	1585	1625	1514	1379
Total no. of students	4964	4607	4364	4010

I.14.1 Total number of employees in Regular Staff

(Instruction: Staff strength, both teaching and non-teaching, over the last three academic years has to be listed here.)

Items	2015-2016	2015-2016	2014-2015	2014-2015	2013-2014	2013-2014	2012-2013	2012-2013
	Min	Max	Min	Max	Min	Max	Min	Max
Male Teaching staff in engineering	135	151	126	130	112	115	125	132
Female Teaching staff in engineering	154	167	140	152	131	133	113	119
Male Teaching staff in science & humanities	22	28	21	23	19	21	20	23
Female Teaching staff in science & humanities	24	32	20	24	20	22	18	18
Male Non-teaching staff	57	73	53	57	52	56	45	49
Female Non-teaching staff	24	25	23	24	22	24	22	24

I.14.2 Total number of employees in Contract Staff

Items	2015-2016	2015-2016	2014-2015	2014-2015	2013-2014	2013-2014	2012-2013	2012-2013
	Min	Max	Min	Max	Min	Max	Min	Max
Male Teaching staff in engineering	0	0	0	0	0	0	0	0
Female Teaching staff in engineering	0	0	0	0	0	0	0	0

Male Teaching staff in science & humanities	0	0	0	0	0	0	0	0
Female Teaching staff in science & humanities	0	0	0	0	0	0	0	0
Male Non-teaching staff	128	137	121	127	112	118	105	112
Female Non-teaching staff	115	118	89	98	80	88	75	82

II. Departmental Information

II.1 Name and address of the department

Electrical and Electronics Engineering, Block 2

Gokaraju Rangaraju Institute of Engineering & Technology

Nizampet Road, Bachupally

Kukatpally

Hyderabad- 500090 Telangana

India.

II.2 Name, designation, telephone number, and e-mail address of the contact person for the NBA

Dr. Jandhyala N Murthy

Principal

Phone: 040 - 65864440, 65864441 (O), 040 - 27675542 (R)

Mobile: +91-9391184994, +91-9652313434

e-mail: principal@griet.ac.in

II.3 History of the department including date of introduction and number of seats of various programmes of study along with the NBA accreditation ,if any

Gokaraju Rangaraju Institute of Engineering and Technology was established in 1997 with a vision and great expectations. Electrical Engineering department commenced offering UG programme BTech (Electrical Engineering) in 1997 with an initial intake of 40 students, which was enhanced to 60 students annually from the year 2001, and to 120 annually from the year 2007. In the year 2011, the Institute became autonomous and current intake of EEE department is 120. The department is also offering two PG programmes (Power Electronics and Drives, Power Systems) with an intake of 18 each. The department has been recognized by JNTUH as Research Center. The Department has requisite number of faculty members, striving to incorporate excellence in theory, practice and research. Undergraduate studies in Electrical engineering at GRIET start with the innovative, integrated and well designed curriculum structure which gives students a solid foundation in core disciplines like Machines, Networks, Power systems, Control systems, Power Electronics, Analog and Digital Electronics. Throughout the curriculum, design courses, laboratory courses, and project courses allow students to acquire a taste for the complex task of designing, analyzing any device

Level	Programme of Study	Initial Intake started with Number of seats	In Year	Intake increased to	In Year	Accreditation Status A/NA	Earlier Accreditation Status	Year of obtaining Accreditation
UG	Electrical and Electronics Engineering	40	1997	120	2007	A	A	2003,2006,2014

II.4 Mission and Vision of the Department

(The department is required to specify its Mission and Vision).

Vision of the Department

To impart technical knowledge and skills required to succeed in life, career and help society to achieve self sufficiency.

Mission of the Department

- To become an internationally leading department for higher learning.
- To build upon the culture and values of universal science and contemporary education.
- To be a center of research and education generating knowledge and technologies which lay groundwork in shaping the future in the fields of electrical and electronics engineering.
- To develop partnership with industrial, R&D and government agencies and actively participate in conferences, technical and community activities.

II.5 List of the programmes/ departments which share human resources and/or the facilities of this programmes/ departments (in %)

(Instruction: The institution needs to mention the different programmes being run in the department which share the human resources and facilities with this department/programme being accredited.)

Department	Level	Programme	Sharing of Human Resources (%)
Mechanical Engineering	UG	B.Tech	2.3
Civil Engineering	UG	B.Tech	2.3
IT Engineering	UG	B.Tech	2.3
Computer Science Engineering	UG	B.Tech	2.3
Electronics and Communication Engineering	UG	B.Tech	2.3

II.6 Total number of students

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys	UG	Electrical and Electronics Engineering	272	262	276	294
Total no. of girls	UG	Electrical and Electronics Engineering	140	160	148	126
Total no. of students	UG	Electrical and Electronics Engineering	412	422	424	420

II.7 Minimum and maximum number of staff on roll during the current and three previous academic years (1st July to 30th June) in the department

Items	2015-2016 Min	2015-2016 Max	2014-2015 Min	2014-2015 Max	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max
Teaching staff in the department	37	40	37	39	27	33	37	39
Non-teaching staff	6	8	6	8	6	8	6	8
Total	43	48	43	47	33	41	43	47

II.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (for the Department)

(Instruction: Please fill details for items like Laboratory equipment, Software, Laboratory consumables, Maintenance and spares, Training and Travel, Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2015-2016	Actual expenses (till ...) in CFY 2015-2016	Budgeted in CFYm1 2014-2015	Actual Expenses in CFYm1 2014-2015	Budgeted in CFYm2 2013-2014	Actual Expenses in CFYm2 2013-2014	Budgeted in CFYm3 2012-2013	Actual Expenses in CFYm3 2012-2013
laboratory equipment	3300000	926000	3300000	2937000	2300000	1119000	1000000	723000
software	600000	680000	550000	513000	250000	67000	100000	80000
R&D	400000	2728000	400000	0	400000	113000	200000	24000
Laboratory consumables	600000	805000	450000	121000	200000	60000	300000	291000
Maintenaance and spares	3200000	3336000	2700000	1989000	1000000	602000	405000	373000
Training and travel	600000	484000	450000	125000	300000	94000	100000	20000
miscellaneous expenses	1000000	907000	950000	506000	500000	341000	100000	42000

III. Programme Specific Information

III.1 Name of the Programme

(List name of the programme, as it appears on the graduate's certificate and transcript, and abbreviation used for the programme.)

Under Graduate

Bachelor of Technology

Electrical and Electronics Engineering

III.2 Title of the Degree

(List name of the degree title, as it appears on the graduate's certificate and transcript, and abbreviation used for the degree.)

Bachelor of Technology

Electrical and Electronics Engineering

III.3 Name, designation, telephone number, and e-mail address of the Programme coordinator for the NBA

Dr. Dola Gobinda Padhan

Electrical and Electronics Engineering

Mobile: 8985957211

Email: dgobinda@gmail.com, info@griet.ac.in

III.4 History of the programme along with the NBA accreditation, if any

Programme of study	Started with No Of Seats	In Year	Intake increased to	In Year	Accreditation Status (A/NA)
Electrical and Electronics Engineering	40	1997	60	2001	NA
Electrical and Electronics Engineering	60	2001	120	2007	A
Electrical and Electronics Engineering	120	2007	120	2009	A
Electrical and Electronics Engineering	120	2009	120	2013	A

III.5 Deficiencies, weaknesses/concerns from previous accreditations

S.No.	Criteria	Observations made by NBA	Compliance Status
	(During the last accreditation visit)		(Action taken by the institution)
1	Vision, Mission & PEOs		
1.1.	Formulation		
1.2.	Dissemination		
1.3.	Assessment	The curriculum needs upward revision for proper attainment of PEOs. The assessment and attainment of PEOs not properly evidenced	The curriculum is revised in GR-15 regulation. The attainment of PEOs is achieved.
2	Course outcome and Program Outcome		
2.1	Formulation		
2.2	Mapping	Graduates attributes are not properly mapped with POs	In GR-15 regulation Graduates attributes are properly mapped with POs by considering reflections from all stake holders and conducting various board meetings
			For assessing POs, relevant tools are identified such as direct assessment, indirect

2.3	Assessment	Relevant tools for assessing POs need to be identified.	assessment, framing course objectives, course outcomes and preparation of question papers using Bloom's taxonomy, Mapping of course outcomes, Rubrics etc.
2.4	Attainment	<ul style="list-style-type: none"> Process for assessing the attainment of each Pos is not appropriate The details of the contained of beyond syllabus imported to attain the COs/POs not properly documented 	<ul style="list-style-type: none"> Appropriate process of assessing the attainment of each POs is given in the revised regulation. The contained beyond the syllabus to attain the Cos/POs are properly documented
3. Curriculum development			
3.1.	Process to identify the gap	<ul style="list-style-type: none"> Qualification of faculty teaching first year common courses need to be improved. Poor utilization of allocated budget. Inadequate space for reading room. More title to be added. Limited internet bandwidth. Improvement in faculty research publication, R&D and consultancy work not sufficient 	<ul style="list-style-type: none"> Qualified faculty are appointed to deal first year common courses Allocated budget is utilized properly Now we have adequate space for reading room. Internet bandwidth is increased. Research publications, R & D work of faculty have been improved.

III.6 Total number of students in the programme

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys:	UG	Electrical and Electronics Engineering	272	262	276	294
Total no. of girls:	UG	Electrical and Electronics Engineering	140	160	148	126
Total no. of students:	UG	Electrical and Electronics Engineering	412	422	424	420

III.7 Minimum and maximum number of staff for the current and three previous academic years (1st July to 30th June) in the programme

Items	2015-2016 Min	2015-2016 Max	2014-2015 Min	2014-2015 Max	2013-2014 Min	2013-2014 Max	2012-2013 Min	2012-2013 Max
Teaching staff with the program	37	40	37	39	27	33	37	39
Non-teaching staff	6	8	6	8	6	8	6	8

III.8 Summary of budget for the CFY and the actual expenditure incurred in the CFYm1, CFYm2 and CFYm3 (exclusively for this programme in the department)

(Instruction: Please fill details for items like Laboratory equipment, Software, Laboratory consumables, Maintenance and spares, Travel, Miscellaneous expenses for academic activities and Total.)

Items	Budgeted in CFY 2015-2016	Actual expenses (till ...) in CFY 2015-2016	Budgeted in CFYm1 2014-2015	Actual Expenses in CFYm1 2014-2015	Budgeted in CFYm2 2013-2014	Actual Expenses in CFYm2 2013-2014	Budgeted in CFYm3 2012-2013	Actual Expenses in CFYm3 2012-2013
laboratory equipment	3000000	863000	3000000	2937000	2000000	950000	900000	669000
software	550000	630000	500000	478000	200000	57000	100000	80000
R&D	200000	2688000	200000	0	200000	0	160000	22000
Laboratory consumables	500000	749000	450000	113000	200000	51000	290000	289000
Maintenaance and spares	3000000	3103000	2700000	1850000	1000000	512000	400000	351000
Training and travel	500000	451000	450000	117000	300000	80000	60000	8000
miscillaneous expenses	900000	844000	950000	471000	500000	290000	90000	40000