

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	FullTime	1997	40	1999, 2000, 2006, 2012,	20, 30, 30,	A	Granted Provisional Accreditation for

	(CSE)				2013,2015	60, 60,120		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

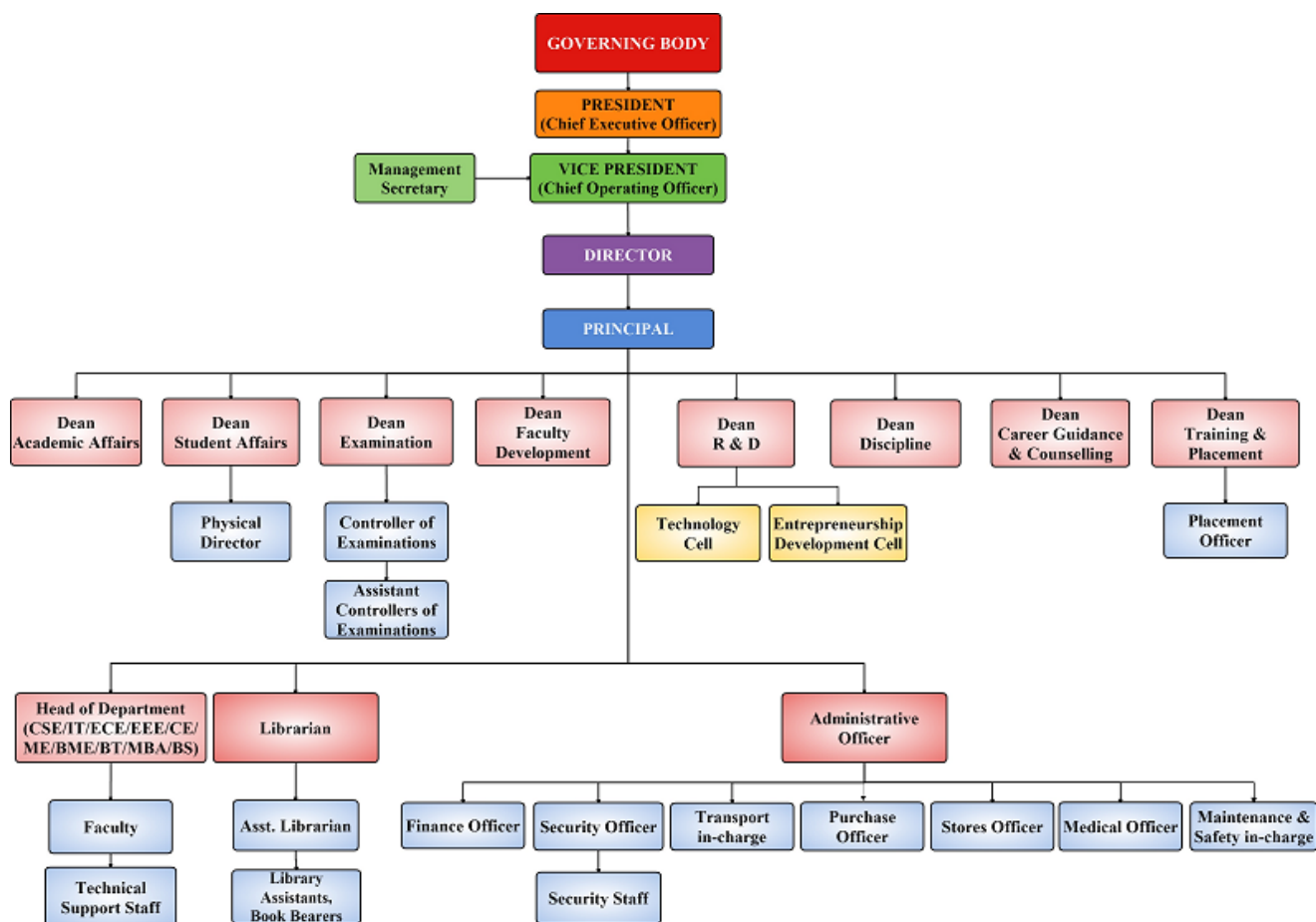
(The institution needs to specify its Mission and Vision).

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

Department of Mechanical Engineering

Gokaraju Rangaraju Institute of Engineering and Technology

Bachupally, Kukatpally, Hyderabad-500 090

Telangana

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. Mechanical Engineering department commenced offering UG programme BTech (Mechanical Engineering) in 1997 with an initial intake of 60 students, which was enhanced to 90 students annually from the year 2002, and to 120 in the year 2006. In the year 2011, the Institute became autonomous and current intake of ME department is 180. The department is also offering two PG programmes (Design for Manufacturing and Thermal Engineering) 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 mechanical engineering at GRIET start with the innovative, integrated and well designed curriculum structure which gives students a solid foundation in core disciplines like mechanics, manufacturing, and systems, together with essential areas of mathematics and physical sciences. Throughout the curriculum, design courses, laboratory courses, and project courses allow students to acquire a taste for the complex task of designing, analyzing, and building a 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
B.Tech	Mechanical Engineering	60	1997	90,120,180	2002,2006,2013	A	A	2006,2009,2014
M.Tech	DFM	18	2004					
M.Tech	TE	18	2013					

II.4 Mission and Vision of the Department

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

Vision of the Department

- To be a center of excellence by producing high caliber engineers and technologists, who possess scientific temperament and would engage in design, manufacturing and research.

Mission of the Department

The Mechanical Engineering Department is committed to

- Provide efficient engineers for global requirements by imparting quality education.
- Create, explore and develop innovations in the fields of Design, Thermal and Manufacturing.
- Enhance the skills of young minds so as to become globally competitive with entrepreneurial and managerial skills.

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 (%)
Electrical and Electronics 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&PG	BTech&MTech	579	566	497	440
Total no. of girls	UG&PG	BTech&MTech	140	146	140	119
Total no. of students	UG&PG	BTech&MTech	719	712	637	559

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	42	48	36	38	22	35	32	35
Non-teaching staff	9	9	9	9	9	9	09	09
Total	51	57	45	47	31	44	41	44

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	3316000	4000000	3471000	1500000	1063000	300000	100000
Software	700000	463000	1000000	769000	200000	101000	200000	150000
R & D	500000	1044000	2500000	2047000	2000000	1750000	3000000	1400000
Laboratory Consumables	600000	247000	400000	182000	300000	135000	350000	334000
Maintenance and Spares	3200000	3979000	2000000	1642000	1000000	559000	600000	448000
Training and Travel	1100000	726000	500000	224000	400000	177000	1950000	1705000
Miscellaneous expenses for academic activities	1000000	1361000	400000	296000	200000	97000	150000	44000
Total	10400000	15303000	10800000	8631000	5600000	3880000	6550000	4181000

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(B.Tech)

Mechanical 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**Mechanical Engineering**

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

Dr. L. Jayahari

Professor & HOD

Department of Mechanical Engineering

Phone: 040 - 65864440, 65864441

Mobile: +91-9866857903

E-mail:jayahari.lade@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)
B.Tech	60	1997	90	2002	NA
B.Tech	90	2002	120	2006	A
B.Tech	120	2006	120	2009	A
B.Tech	120	2009	180	2013	A

III.5 Deficiencies, weaknesses/concerns from previous accreditations

S.N.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
1	Vision, Mission & PEOs		
1.1.	Formulation	The roles and responsibilities of administrative setup is not properly articulated	1.Department is well organized with distributing additional responsibilities to faculty like administrative work, mentoring, class coordinator, organizing work shop, conferences, FDP, seminars etc., apart from the regular academic work.
1.2.	Assessment	The assessment and attainment of PEOs not properly evidenced.	1.Performance Evaluation of students through assignment, mid exams, quiz, tutorial classes, , practical work on regular bases for attainment of the PEOs
2	Course outcome and Program outcomes		
2.1	Formulation	The details of the contained of beyond syllabus imported to attain the COs/POs not properly documented	1.Students are taken to various industries to inculcate the current technology and practical knowledge. 2.Succefull Alumni interaction with students facilitated. 3.Conducting Various guest lectures to student beyond the syllabus. 4.Conducting various training programmes on available latest software in the department
			1.Improvement on the feedback

2.2	Assessment	Survey questionnaire and its quality needs to be improved	taken from various stake holders. Survey questionnaires and its quality is improved.
2.3	Attainment	The results of the attainment of each POs not properly evidenced.	1.Attending remedial classes, Industrial visit guest lectures, certificate orientation training, workshop, FDPs, Conferences organized in the department. 2.Mechanical software with various module tools are used to have better visibilities to attain each POs
2.4.	Process to identify the gap	1.GATE, GRE etc. classes to be organized at Institute level. 2. Improvement in faculty research publication, R&D and consultancy work not sufficient. 3. Internet bandwidth and library facilities need to be improved	1. Classes are organized 2. Publications improved and R&D work also improved. 3. Internet bandwidth improved, library facilities also 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	BTech	543	558	491	431
Total no. of girls:	UG	BTech	131	143	135	118
Total no. of students:	UG	BTech	674	701	626	549

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	42	46	30	31	23	24	28	29
Non-teaching staff	9	9	9	9	9	9	9	9

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
Equipments and computers	3000000	3084000	3000000	3084000	2000000	920000	300000	100000
Software	650000	430000	600000	716000	200000	85000	200000	150000
R& D	200000	274000	200000	202000	500000	214000	3000000	1400000
Lab & Consumables	500000	230000	450000	170000	300000	154000	350000	334000
Maintenance and Spares	3000000	3701000	2700000	2775000	1000000	769000	450000	448000
Training and Travel	1000000	676000	650000	175000	300000	120000	1950000	1705000

6/30/2016

Misslanious Expenses for academic activities	900000	1266000	950000	943000	500000	436000	100000	44000
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