

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

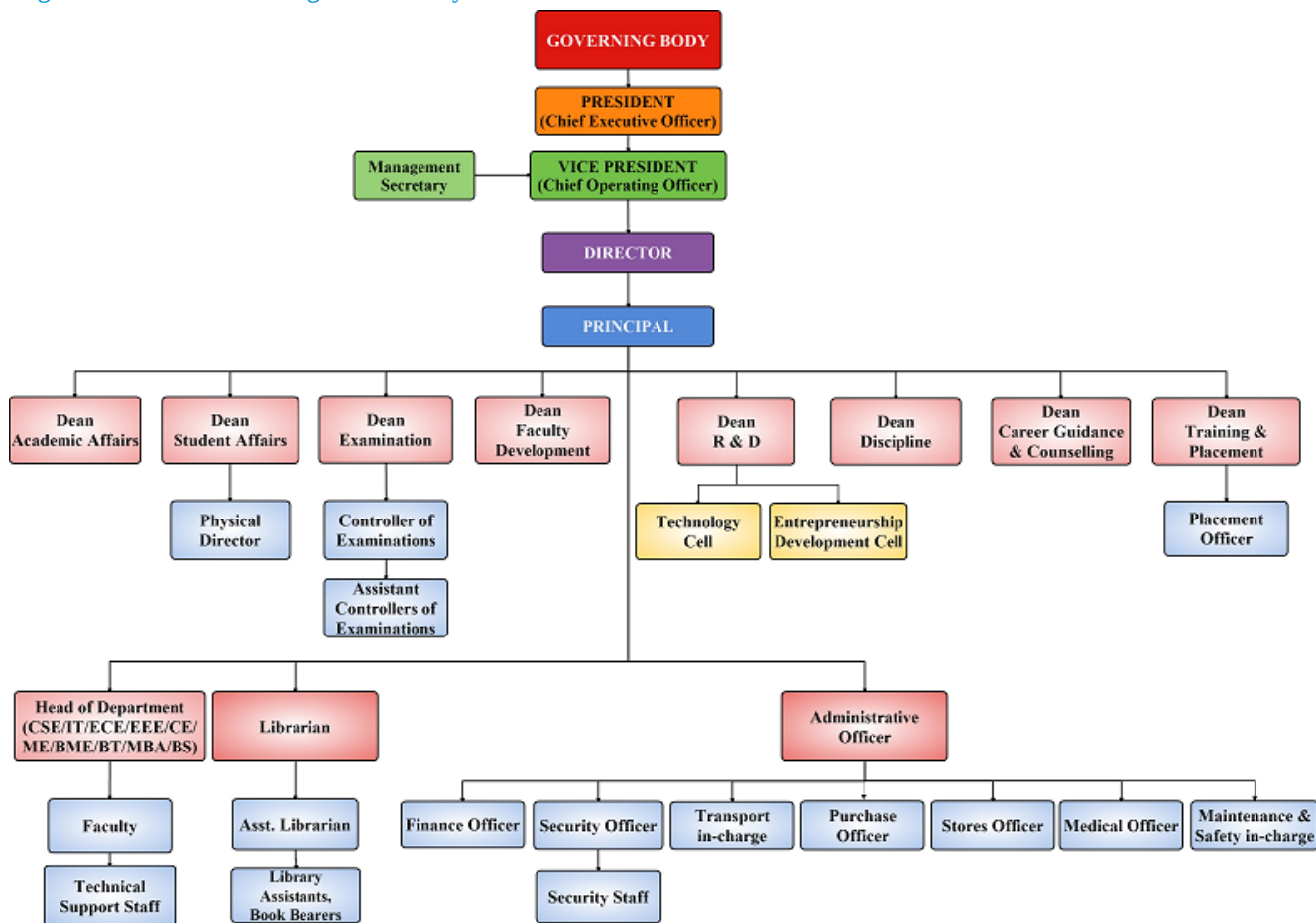
(The institution needs to specify its Mission and Vision).

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

Department of Information Technology

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

The **Department of Information Technology** was established in the year 1999 offering Bachelor of Technology (B.Tech) with intake 40, and later intake was increased to 60 in the year 2000 and 120 in the year 2006. The UG programme offered in this department was thrice accredited by NBA in years 2006, 2009, 2013. The Department of Information Technology emphasis much on practical aspects and hardware related concepts. It intends to equip graduates with profound theoretical knowledge and rich hands on experience. To meet the industry expectations, a PG course M.Tech (Software Engineering) has been introduced in the year 2007 with an intake of 18 students.

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	B.Tech	40	1999	20, 60,-60,60	2000, 2006,2015,2016	A	2006,2009,2013	2013
PG	M.Tech	18	2007	18		NA		

II.4 Mission and Vision of the Department

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

VISION:

To impart quality technical education,conduct scientific research of excellence and generate world class professionals to excel in the dynamic realm of Information Technology and contribute to the needs of the society.

MISSION:

The Information Technology Department is committed

- To achieve excellence in higher education and research through dissemination of quality technical education with a strong foundation.
- To continuously scout for and build opportunities in the field of IT and sustain long-term interaction with the institute and industry.
- To build and uphold high professional and ethical standards to make the nation noted for its progressive contribution to

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 (%)
HBS	UG	BTech	6.5

II.6 Total number of students

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys	UG	B.TECH	223	262	266	313
Total no. of girls	UG	B.TECH	168	195	190	197
Total no. of students	UG	B.TECH	391	457	456	510

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	32	32	32	32	32	35	30	30
Non-teaching staff	6	6	6	6	6	6	6	7
Total	38	38	38	38	38	38	36	37

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	3000000	950000	3300000	2819000	3300000	734000	7000000	3578000
Softwares	650000	309000	600000	513000	350000	67000	750000	500000
R & D	350000	43000	350000	168000	300000	0	80000	20000
Laboratory Consumables	500000	112000	350000	121000	200000	70000	150000	141000
Maintenance and Spares	2100000	1370000	1800000	1988000	1000000	602000	175000	166000
Training and Travel	600000	484000	500000	125000	300000	94000	40000	7000
Miscellaneous Expenses for Academic Activities	1000000	907000	900000	506000	500000	341000	80000	38000

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)

Information Technology

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 (B.Tech)

Information Technology

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

Dr. Y. Vijayalata

Professor & Head

Department of Information Technology

Ph: 040-65864440/4441

email: vijaya@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	40	1999	60	2003	NA
B.Tech	60	2003	120	2006	A
B.Tech	120	2006	60	2015	A
B.Tech	60	2015	120	2016	A

III.5 Deficiencies, weaknesses/concerns from previous accreditations

S.No	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 set up is not properly articulated	Now roles and responsibilities of administrative set up is properly articulated by dividing the responsibility among the faculty
1.2.	Dissemination	Not adequate utilizations of allocated funds. Library facilities need to be improved. Not adequate internet bandwidth.	Funds are utilizing properly. Action plan created. Library facilities are improved by subscribing more Journals and procured more reference books. Internet bandwidth is enhance
1.3.	Assessment	The assessment and attainment of PEOs not properly evidenced.	The assessment and attainment of PEOs are now properly documented by creating more graphical analysis tools.
2	Course outcome and Program outcomes		
2.1	Formulation	Process employed for defining POs not visible.	Process employed for POs are further improved by taking feedback from various stakeholders.
2.2	Mapping	Industry interaction in teaching and learning process is not well documented. Required processes not adequately established.	Industry Interaction in teaching and learning process is well documented by arranging more guest lectures and Industry practices in the college. Required processes are established. Required processes are now established.
2.3	Assessment	Relevant tools for assessing POs needs to be identified. Process for assessing the attainment of each POs is not appropriate	Relevant tools for assessing POs are identified in the form of graphical tools. Now Assessment process for attainment of each POs is appropriate by creating various measures like formulation of question paper based on Outcome Based Education (OBE), assessments, assignments and projects are modified as per the new requirements.
2.4	Attainment	New facilities created not adequate.	Facilities and enhancement of faculty

2.4	Qualification	Enhancement of faculty qualification index is not adequate	qualification index is improved by inducting more qualified faculty in the department.
3. Curriculum development			
3.1.	Process to identify the gap	Faculty qualifications, competencies, training, research publications, R&D and consultancy work and faculty interaction with outside world are to be improved.	Faculty qualifications, competencies, training, research publications, R&D and consultancy work and faculty interaction with outside world are improved
3.2.	Action taken	The technical staff members are not having required qualifications. Skill up gradation of technical staff members needs to be encouraged	New technical staff members are inducted with required qualifications. Skill up gradation programmes for technical staff by conducting various workshops in collaboration with Industries.

III.6 Total number of students in the programme

	Level	Programme	2015-2016	2014-2015	2013-2014	2012-2013
Total no. of boys:	UG	B.Tech	223	262	266	313
Total no. of girls:	UG	B.Tech	168	195	190	197
Total no. of students:	UG	B.Tech	391	457	456	510

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	32	32	32	32	32	35	30	30
Non-teaching staff	6	6	6	6	6	6	6	7

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	300000	8840000	3000000	2352000	300000	624000	700000	3578000
Softwares	600000	287000	500000	478000	300000	67000	750000	500000
R&D	350000	43000	350000	168000	300000	0	80000	20000
laboratory Consumables	400000	105000	350000	113000	200000	60000	150000	141000
Maintainance & Squares	2000000	12750000	1800000	1988000	1000000	512000	175000	166000
Training & Travel	500000	451000	500000	117000	300000	80000	40000	7000
Miscellaneous expences for academic activities	900000	844000	900000	471000	500000	290000	80000	38000