GEETHANAJALI COLLEGE OF ENGINEERING & TECHNOLOGY

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Pre-Qualifier Pro-forma for UG Engineering & Technology

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Insstiute Name: GEETHANAJALI COLLEGE OF ENGINEERING & TECHNOLOGY		**Program Name** : Electronics & Communication Engg.
Discipline: Engineering & Technology	**Level** : Under Graduate	**Tier**: 1

Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration
B.Tech in Electronics and Communication Engineering	UG	2005	2005	60	Yes	240	Granted accreditation for 3 years for the period (specify period)	2018	2021	Yes	4

Student Admission

Student Admissions (Institute level considering all UG programs)

Item	2020-21	2019-20	2018-19	Total
Sanctioned Intake	960	900	840	2700
Number of students admitted (Corresponding to sactioned intake)	916	797	817	2530
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				93.7

Student Admissions (Program specific)

Item	2020-21	2019-20	2018-19	2017-18	Total (CAYm1+CAYm2+CAYm3)
Sanctioned Intake of the program (N)	240	240	240	240	720

Item	2020-21	2019-20	2018-19	2017-18	Total (CAYm1+CAYm2+CAYm3)
Total number of students admitted in first year (N1)	239	239	240	239	718
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	24	24	47	95
Total number of students admitted in the Program (N1 + N2)	239	263	264	286	813
% of Students Admitted over the previous three academic years starting from CAYm1 (Total Admitted/Sanctioned Intake):					100

Information of Faculty

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
D.Venkata Rami Reddy	AEJPD9075K	M.E/M.Tech	15/02/2003	Digital Systems	Associate Professor	23/06/2011	23/06/2011	Regular	Yes		No
Dr. P. Sudhakar	BULPS3339C	ME/M. Tech and PhD	19/06/2019	Lidar Remote Sensing	Associate Professor	28/05/2007	28/05/2007	Regular	Yes		No
Prof. B. Hari Kumar	ABYPB1203H	M.E/M.Tech	01/07/1986	Microwave and Radar Engineering	Professor	16/06/2017	16/06/2017	Regular	Yes		No
Dr. P. Vijai Bhaskar	AIIPP5863A	ME/M. Tech and PhD	09/05/2018	Speech processing	Professor	18/06/2018	18/06/2018	Regular	Yes		No
Dr. P. Srihari	AELPP6943C	ME/M. Tech and PhD	21/07/2007	Channel Coding	Professor	28/11/2019	28/11/2019	Regular	Yes		No
Dr. C. Venkata Narasimhulu	ADXPC2295B	ME/M. Tech and PhD	17/05/2013	Signal and image processing	Professor	15/11/2012	15/11/2012	Regular	No	31/07/2020	No
Dr. B. Leelaram Prakash	AFTPB5968E	ME/M. Tech and PhD	02/02/2017	Sonar signal processing	Professor	06/09/2018	06/09/2018	Regular	Yes		No
Dr. S. Saritha	DFAPS3643F	ME/M. Tech and PhD	10/01/2019	Biomedical image processing	Associate Professor	30/05/2019	30/05/2019	Regular	Yes		No
M. Sowjanya	APDPM8969C	M.E/M.Tech	16/06/2011	Digital systems and computer electronics	Associate Professor	01/06/2016	01/06/2016	Regular	Yes		No
M. Uma Rani	BVBPM5607C	M.E/M.Tech	04/01/2010	Digital electronics and communication systems	Assistant Professor		24/06/2013	Regular	Yes		No
M. Chathar Singh	BVAPM3882J	M.E/M.Tech	17/11/2014	VLSI system design	Assistant Professor		16/12/2014	Regular	Yes		No
Y. Naga Lakshmi	ACEPY1694E	M.E/M.Tech	03/01/2011	Embedded systems	Assistant Professor		06/04/2015	Regular	Yes		No
M. Krishna	BTDPK8220M	M.E/M.Tech	10/12/2013	VLSI system design	Assistant Professor		10/04/2015	Regular	Yes		No
A. Subramanyam	AVDPA3375J	M.E/M.Tech	05/03/2014	VLSI and Embedded systems	Assistant Professor		17/04/2015	Regular	Yes		No
B. Ramu	AUWPB3987H	M.E/M.Tech	07/11/2012	Systems and signal processing	Assistant Professor		05/05/2015	Regular	Yes		No

Name	PAN	Qualification	Date	Specialization	Designation	Date	Date	Nature			
A. Sowjanya	BTNPA0661A	M.E/M.Tech	21/09/2016	VLSI system design	Assistant Professor		01/03/2016	Regular	Yes		No
M. Anand	ASUPA5993N	M.E/M.Tech	29/11/2014	Embedded systems	Assistant Professor		30/12/2016	Regular	Yes		No
V. Savithri Padmapriya	ADXPV4625N	M.E/M.Tech	21/11/2016	Electronics and communication engineering	Assistant Professor		31/12/2016	Regular	Yes		No
P. Naresh Kumar	BKGPK1513D	M.E/M.Tech	02/07/2014	Digital systems and computer electronics	Assistant Professor		14/06/2017	Regular	Yes		No
A R L padmaja	AMKPA1276E	M.E/M.Tech	13/10/2016	Embedded systems	Assistant Professor		13/12/2016	Regular	Yes		No
Ch. Suresh Kumar	ANOPC2987P	M.E/M.Tech	07/06/2008	Communication systems	Assistant Professor		07/11/2016	Regular	Yes		No
R V N R Suneel Krishna	DTEPK7021R	M.E/M.Tech	04/09/2014	Embedded systems	Assistant Professor		10/11/2016	Regular	Yes		No
Dr. S. Vallisree	AERPV9584M	ME/M. Tech and PhD	16/08/2019	Optoelectronics	Associate Professor	02/12/2019	02/12/2019	Regular	Yes		No
A. Shanker	AIMPA7698G	M.E/M.Tech	14/09/2009	Systems and signal processing	Associate Professor	04/06/2011	04/06/2011	Regular	Yes		No
M. Laxmi	ANHPM6477B	M.E/M.Tech	16/09/2011	Electronics and communication engineering	Associate Professor	05/06/2014	05/06/2014	Regular	Yes		No
S. Yagnasree	CRAPS1590N	M.E/M.Tech	06/05/2005	Embedded systems	Assistant Professor		06/06/2016	Regular	Yes		No
S. Krishna Priya	DEHPS2835K	M.E/M.Tech	18/06/2004	Communication engineering	Associate Professor	16/06/2014	16/06/2014	Regular	Yes		No
L. Kavya	ALNPL6737F	M.E/M.Tech	09/01/2014	Digital Systems and Computer Electronics	Assistant Professor		10/04/2015	Regular	Yes		No
Dr. R. Suryanarayana Raju	AAWPR1501K	ME/M. Tech and PhD	06/02/1987	Microwave Engineering	Professor	17/11/2016	17/11/2016	Regular	Yes		No
Dr. V. Satya Srinivas	AHIPV4745J	ME/M. Tech and PhD	11/08/2014	Communication and navigation	Associate Professor	01/11/2014	01/11/2014	Regular	Yes		No
G. Sreelakshmi	ALKPG2988A	M.E/M.Tech	25/01/2008	Digital systems	Associate Professor	02/06/2014	02/06/2014	Regular	Yes		No
Dr. S. Suryanarayana	ATMPS2670M	ME/M. Tech and PhD	09/10/2015	Electronics and Communication Engineering	Professor	06/07/2016	06/07/2016	Regular	Yes		Yes
Prof. O. V. P.R. Siva Kumar	FBUPS5226Q	M.E/M.Tech	22/07/1995	Systems and control engineering	Professor	24/02/2016	24/02/2016	Regular	Yes		No
Dr. S. Spandana	DGCPS7535F	ME/M. Tech and PhD	16/07/2019	Biomedical image processing	Associate Professor	01/06/2019	01/06/2019	Regular	Yes		No
S.Jyothirmayee	AGRPT8844L	M.E/M.Tech	07/01/2011	Embedded Systems	Associate Professor	16/12/2008	16/12/2008	Regular	Yes		No

R. Odaiah	AASPO2740B	M.E/M.Tech	11/06/2004	Systems and signal processing	Associate Professor	02/06/2014	02/06/2014	Regular	Yes		No
J. Mrudula	AEDPJ1652A	M.E/M.Tech	22/12/2000	Industrial electronics	Associate Professor	25/06/2018	25/06/2018	Regular	Yes		No
B. Mamatha	ANYPB4529L	M.E/M.Tech	29/12/2012	Embedded systems	Assistant Professor		02/06/2014	Regular	Yes		No
Y. Siva Rama Krishna	AFUPY1034K	M.E/M.Tech	11/02/2014	Wireless and mobile communications	Assistant Professor		11/04/2015	Regular	Yes		No
K. Victor	BOKPK0362N	M.E/M.Tech	10/04/2009	Digital communications	Assistant Professor		11/04/2015	Regular	Yes		No
U. Appalaraju	ABHPU8042N	M.E/M.Tech	07/09/2007	DSCE	Associate Professor	02/06/2014	02/06/2014	Regular	Yes		No
B. Sreelatha	AUVPS1115K	M.E/M.Tech	03/12/2011	VLSI system design	Associate Professor	22/06/2013	22/06/2013	Regular	Yes		No
P. Chandra Prakash Reddy	BNBPR5208L	M.E/M.Tech	10/05/2013	Embedded systems	Assistant Professor		01/12/2015	Regular	Yes		No
Ch Sandeep	BDUPC4604C	M.E/M.Tech	04/10/2013	VLSI and Embedded systems	Assistant Professor		01/12/2015	Regular	Yes		No
B. Suneetha	BNKPB8657E	M.E/M.Tech	04/11/2011	Digital communications	Assistant Professor		02/12/2015	Regular	Yes		No
Dr. V. Vineel Kumar	AOEPV4647N	ME/M. Tech and PhD	01/03/2016	Communications and signal Processing	Associate Professor	04/12/2017	04/12/2017	Regular	No	12/04/2019	No
Dr. S. Ramana Murthy	AGQPS4238Q	M.Sc. and PhD	01/02/1988	Nano materials	Professor	02/07/2014	02/07/2014	Regular	No	04/09/2019	No
Dr R V Durga	AUTPR6668J	ME/M. Tech and PhD	22/01/2019	Radio and Mobile Communication Systems	Associate Professor	30/12/2020	30/12/2020	Regular	Yes		No
M. Krishna Chaitanya	BBPPM6773D	M.E/M.Tech	24/06/2008	VLSI and Embedded systems	Assistant Professor		16/06/2014	Regular	Yes		No
Prof. K Somasekhara Rao	AEGPS0752M	M.E/M.Tech	03/06/1983	Advanced electronics	Professor	28/06/2008	28/06/2008	Regular	Yes		No
Prof.S.Bhujanga Rao	ADKPS8516Q	M.E/M.Tech	05/12/1986	Advanced electronics	Professor	03/09/2019	03/09/2019	Contractual	Yes		No
A. Geetha Rani	BMWPA9113K	M.E/M.Tech	10/08/2018	VLSI System Design	Assistant Professor		13/05/2019	Regular	Yes		No
V. Venkata Laxmi	AGYPV2500Q	M.E/M.Tech	07/12/2012	Digital Electronics and Communication Systems	Assistant Professor		27/06/2013	Regular	No	31/10/2019	No
M. Deepa	CDAPM2560G	M.E/M.Tech	03/08/2018	Embedded systems	Assistant Professor		06/02/2019	Regular	No	27/02/2021	No
V. Sirisha	CTHPS0158R	M.E/M.Tech	04/12/2015	Digital systems and computer electronics	Assistant Professor		01/03/2016	Regular	No	24/02/2021	No

D. Sony	BIFPD1885C	M.E/M.Tech	03/11/2012	VLSI system design	Assistant Professor		16/06/2014	Regular	No	25/06/2019	No
Thalla Narasimha Swetha	AYXPT3588P	M.E/M.Tech	07/11/2014	Embedded systems	Assistant Professor		13/11/2015	Regular	No	30/06/2020	No
Ch Pallavi	AZFPC5054N	M.E/M.Tech	03/03/2017	VLSI and Embedded systems	Assistant Professor		23/08/2018	Regular	No	08/05/2019	No
J. Bharathi	ANXPJ6290M	M.E/M.Tech	18/11/2011	Systems and Signal Processing	Assistant Professor		20/04/2015	Regular	No	29/06/2019	No
B. Jugal Kishore	ARVPB2412P	M.E/M.Tech	08/08/2014	VLSI system design	Assistant Professor		08/04/2015	Regular	No	30/06/2020	No
Dr. S. Udaya Kumar	BBEPS5983G	ME/M. Tech and PhD	01/08/2007	Cryptography	Professor	02/01/2013	02/01/2013	Regular	Yes		No

Designation	Number of faculty in the Department for both UG and PG *		
	2020-21	2019-20	2018-19
Professor	6(R) + 0(C)	6(R) + 0(C)	5(R) + 0(C)
Associate Professor	6(R) + 0(C)	4(R) + 0(C)	1(R) + 0(C)
Assistant Professor	37(R) + 1(C)	41(R) + 0(C)	44(R) + 0(C)
Number of Ph.D (as per the AICTE norms)	12	10	6

* At least one Professor or Associate professor with PhD. degree on regular basis should be available exclusively for the department of the program under consideration.

Student Faculty Ratio (No. of faculty as per the sanctioned intake)

UG

No. of UG Programs in the Department : 1

	B.Tech in Electronics and Communication Engineering					
Year of Study	CAY		CAYm1		CAYm2	
	(2020-21)		(2019-20)		(2018-19)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	240	24	240	24	240	47
3rd Year	240	24	240	47	240	48
4th Year	240	47	240	48	240	48
Sub-Total	720	95	720	119	720	143
Total	815		839		863	

PG

No. of PG Programs in the Department : 0

SFR

No. of UG Programs in the Department : 1   **No. of PG Programs in the Department :** 0

Description	2020-21	2019-20	2018-19
Total No. of Students in the Department(S)	815 **Sum total of all (UG+PG) students**	839 **Sum total of all (UG+PG) students**	863 **Sum total of all (UG+PG) students**
No. of Faculty in the Department(F)	50 **F1**	51 **F2**	50 **F3**
Student Faculty Ratio(SFR)	16.30 **SFR1=S1/F1**	16.45 **SFR2=S1/F1**	17.26 **SFR3=S3/F3**
Average SFR	16.67 **SFR=(SFR1+SFR2+SFR3)/3**		

F=Total Number of Faculty Members in the Department (excluding first year faculty)

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerened State Government for the contractual faculty in the respective cadre.

Placement Ratio

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2019-20	268	182	167	.62
2018-19	231	190	150	.65
2017-18	245	189	158	.64
			Average Placement Ratio	.64
			Percentage	64

Compliance Status to Pre-visit Qualifiers - Essential qualifiers

Sr. No	Discipline	Currrent status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs	Yes	Complied

	i. Are the Vision & Mission of the Department stated in the Prospectus / Website? ii. Are the PEOs of the Program listed in the Prospectus / Website?		
2	Whether approval of the competent authority (Approval of AICTE/ UGC/ BoG of Universities/ Deemed Universities etc.) for the programs under consideration has been obtained for all the years including current year	Yes	Complied
4	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
5	Whether at least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.	Yes	Complied
6	Whether number of available Ph.Ds. in the department is greater than or equal to 20% of the required number of faculty averaged for previous two academic years including Current Academic Year.	Yes	Complied
7	Whether two batches have passed out in the programs under consideration	Yes	Complied
8	Whether HODs possess Ph.D. degrees for the programs under consideration	Yes	Complied
9	Whether admissions ((including lateral entry) in the undergraduate programs under consideration has been more than or equal to 60% for previous three academic years for CAYm1, CAYm2 and CAYm3.	Yes	Complied

Declaration

i)I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

iii (a). I hereby certify that the department under the consideration receives separately earmarked funds for

i. Maintenance of laboratory/computational facilities(recurring funds)

ii. Up-gradation of laboratory/computation facilities (non-recurring funds)