MANDATORY DISCLOSURE 2024-25

"The information has been provided by the concerned institution on the onus of authenticity lies with the institution and not on AICTE."

1. Name of the Institution

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Cheeryal (V), Keesara (M), Medchal Dist., Pin: 501301. Telangana

Telephone- 9182058187, Email id: info@gcet.edu.in

2. Name and address of the Trust/Society/ Company and the Trustees

Teja Educational Society

2-1-88/1, Anand Nagar X Road, Bundlaguda, LB Nagar, Hyderabad-500068.

Ph No. 24221626, 24221049, Email id: info@gcet.edu.in

3. Name and Address of the Vice Chancellor / Principal /Director

Dr. S. Udaya Kumar

Geethanjali College of Engineering and Technology

Cheeryal (V), Keesara (M), Medchal Dist

Pin: 501301. Telangana state

Ph No. 9866308257, email ID: uksusarla@gmail.com

4. Name of the affiliating University.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

Kukatpally, HYDERABAD-500085

5. Governance

5.1. Members of the Board and their brief background – The Governing Body of our college is hereby reconstituted as follows:

Sl. No.	Name	Designation	Status	Category
1	Mr. G. R. Ravinder Reddy	Secretary, GCET	Chairman	Management
2	Dr. G. Sridevi	Members, Teja Educational Society	Member	
3	Mr. N. Sanjeeva Reddy		Member	
4	Ms. N. Ramana Devi		Member	
5	Ms. G. Madhumitha		Member	
6	Dr. R. Prasanna Kumar	Registrar & Professor, Civil Engineering	Member	Faculty nominated by Principal
7	Dr. A. Madhusudhan Rao	Dean – Student Affairs & Professor – FE-Physics	Member	
8	Dr. P. Vijai Bhaskar	Dean – Academics & Professor – ECE	Member	
9	Mr. Srinivas Pothapragada	Investor & Senior Entrepreneur	Member	
10	Mr. Seshu Kumar Gudepu	General Manager, WIPRO, Hyderabad	Member	
11	Mr. Kumar Mynampati	Associate vice President, Infosys	Member	
12	Prof. KVL Subramaniam	Department of Civil Engineering, IIT-Hyderabad	Member	UGC Nominee
13	Telangana State Government Nominee	-	-	-
14	Dr. S. Tara Kalyani	Professor of EEE, JNTUH UCESTH	Member	JNTUH Nominee
15	Dr. S. Udaya Kumar	Principal, GCET	Member Secretary	Ex-officio

Special Invitees:

S. No.	Name	Designation
1.	Dr. M. Devaiah	CoE, GCET & Professor, ME
2.	Dr. Md. Shoukath Ali	Additional CoE & Associate Professor ECE
3.	Prof. B. Hari Kumar	Dean – School of Electrical and Communication Engineering
4.	Dr. V. Madhusudhan Rao	Dean- School of Computer Science and Informatics
5.	Dr. P. Sri Hari	Dean- R,D & C Professor, ECE
6.	Dr. G. Sreelakshmi	HoD & Associate Professor, ECE
7.	Dr. A. Sreelakshmi	HoD & Professor, CSE

8.	Dr. L. Venkateswarlu	HoD & Professor , CSE (AI&ML)
9.	Dr. L. Kiran Kumar Reddy	HoD & Associate Professor, CSE (Data Science)
10.	Dr. G. Kalyani	HoD & Associate Professor, CSE (Cyber Security)
11.	Dr. K. Srinivas	HoD & Professor, IT & CSE (IoT)
12.	Dr. D. Radhika	HoD & Professor, EEE
13.	Dr. R. Sudarshan	HoD & Associate Professor, ME
14.	Dr. V. V. Praveen Kumar	I/C HoD & Associate Professor, CE
15.	Dr. G. Neeraja Rani	HoD & Professor, FE
16.	Dr. J. Pardha Saradhi	HoD & Professor, MBA
17.	Dr. B. L. Prakash	Professor, ECE and Associate Coordinator-IQAC
18.	Dr. B. V. Swathi	Professor, CSE & Dean, Training for Professional and Career Development
19.	Dr. B. Nagamani	Professor, English & Coordinator, Incubation Centre
20.	Prof. O.V.P.R. Siva Kumar	Professor, ECE & Dean, Industry Institute Interaction.

5.2. Members of the College Academic Advisory Council:-

It is hereby informed that the Academic Council of the college is reconstituted with the following composition and functions, for the academic years 2023-24 and 2024-25

I. Composition:

Sl. No	Name	Designation	Status	Remarks
1.	Dr. S. Udaya Kumar	Principal	Chairman	Faculty Nominated by Principal
2.	Dr. G. Sreelakshmi	HoD & Associate Professor, ECE	Member	
3.	Dr. A. Sreelakshmi	HoD & Professor, CSE	"	
4.	Dr. L. Venkateswarlu	HoD & Professor, CSE (AI&ML)	"	
5.	Dr. G. Kalyani	HoD & Associate Professor, CSE (CS)		
6.	Dr. L. Kiran Kumar Reddy	HoD & Associate Professor Professor, CSE (DS)	"	
7.	Dr. K. Srinivas	HoD & Professor, IT &CSE (IoT)	"	
8.	Dr. D. Radhika	HoD & Professor, EEE	"	
9.	Dr. R. Sudarshan	HoD & Associate Professor, ME	"	
10.	Dr. V V Praveen Kumar	HoD & Associate Professor, CE	"	

11.	Dr. G. Neeraja Rani	HoD & Professor, FE	"	
12.	Dr. J. Pardha Saradhi	HoD & Professor, MBA	"	
13.	Dr. R. Prasanna Kumar	Registrar, GCET & Prof. CE	"	
14.	Dr. M. Devaiah	CoE, GCET & Prof, ME		
15.	Dr. Md. Shoukath Ali	Additional CoE & Associate Professor, ECE	"	
16.	Dr. A. S. Madhusudhan Rao	Dean – Student Affairs & Professor of FE, Physics	"	
17.	Prof. B. Hari Kumar	Dean – School of Electrical and Communication Engineering	"	
18.	Dr. V. Madhusudhan Rao	Dean- School of Computer Science and Informatics	"	
19.	Dr. P. Sri Hari	Dean- R, D & C and Professor, ECE	"	
20.	Dr. B. V. Swathi	Professor & Dean, Training for Professional and Career Development	"	
21.	Dr. B. L. Prakash	Professor & Associate Coordinator-IQAC	"	
22.	Dr. B. Nagamani	Professor, English & Coordinator, Incubation Centre	"	
23.	Prof. O.V.P.R. Siva Kumar	Professor & Dean, Industry Institute Interaction.	"	
24.	Prof. G. R. Ravinder Reddy	Expert – Engineering (Invited Member)	"	Experts nominated by Governing Body
25.	Mr. Pratap Reddy	Expert - Legal	"	
26.	Dr. G. Sridevi	Expert - Medicine	"	
27.	Mr. Y. Srinivas	Expert - Industry	"	
28.	Mr. B. Suresh Kumar	Expert - Industry	"	
29.	Mr. Chandra Kishore Prasad	Expert - Industry	"	
30.	Mr. Phani Mudigonda	Expert – Industry	"	
31.	Dr. M. Shailaja	Professor of ME, JNTUH UCESTH	"	Nominees of JNTUH
32.	Dr. A. Aruna Kumkari	Professor of ME, JNTUH UCESTH	"	
33.	Dr. Vishnu Vardhan	Sr. Professor of CSE, JNTUH UCESTH	"	
34.	Dr. P. Vijai Bhaskar	Dean – Academics & Prof. ECE	Member Secretary	Nominated by Principal

1. The term of the nominated members shall be 2 years.
2. A Meeting of the College Academic Council shall be convened at least once a year.

II. Functions of the Committee:

The Academic Council will have powers to:

- Scrutinise and approve the proposals with or without modification of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi and modifications thereof, instructional and evaluation arrangements, methods, procedures relevant thereto etc., provided that where the Academic Council differs on any proposal, it will have the right to return the matter for reconsideration to the Board of Studies concerned or reject it, after giving reasons to do so.
- Make regulations regarding the admission of students to different programmes of study in the college.
- Make regulations for sports, extra-curricular activities, and proper maintenance and functioning of the playgrounds and hostels.
- Recommend to the Governing Body proposals for institution of new programmes of study.
- Recommend to the Governing Body institution of scholarships, studentships, fellowships, prizes and medals, and to frame regulations for the award of the same.
- Advise the Governing Body on suggestions(s) pertaining to academic affairs made by it.
- Perform such other functions as may be assigned by the Governing Body.

5.2.1 Members of College Academic Committee:-

The following are the College Academic Committee members as on 08-04-2024

Sl. No.	Name of the Faculty	Designation
1.	Dr. S. Udaya Kumar	Principal
2.	Mr. G.R. Ravinder Reddy	Secretary, TES
3.	Dr. A. S Madhusudhan Rao	Dean- Student Affairs & Professor, FE-Physics
4.	Dr. R. Prasanna Kumar	Registrar, GCET & Professor, CE
5.	Dr. P. Vijai Bhaskar	Dean-Academics & Professor, ECE
6.	Prof. B. Hari Kumar	Dean- School of Electrical and Electronics Engineering, & Professor, ECE
7.	Dr. V. Madhusudan Rao	Dean- School of Computer Science and Informatics & Professor, CSE (AI&ML)
8.	Dr. P. Srihari	Dean-R, D & C and Professor, ECE
9.	Prof. O.V.P.R. Siva Kumar	Dean, Industry Institute Interaction & Professor, ECE
10.	Dr. B. V. Swathi	Dean, Training for Professional and Career Development & Professor, CSE
11.	Dr. G. Sreelakshmi	HoD & Professor, ECE
12.	Dr. A. Srilakshmi	HoD & Professor, CSE
13.	Dr. L. Venkateswarlu	HoD & Professor, CSE (AI&ML)

14.	Dr. K. Srinivas	HoD & Professor, IT & CSE(IoT)
15.	Dr. G. Kalyani	HoD & Associate Professor, CSE(CS),
16.	Dr. L. Kiran Kumar Reddy	HoD & Associate Professor, CSE (DS)
17.	Dr. D. Radhika	HoD & Professor, EEE
18.	Dr. R. Sudarshan	HoD & Associate Professor, ME
19.	Dr. V. V. Praveen Kumar	HoD & Associate Professor, CE
20.	Dr. G. Neeraja Rani	HoD & Professor, FE
21.	Dr. J. Pardha Saradhi	HoD & Professor, MBA
22.	Dr. B. Leelaram Prakash	Professor, Additional Dean, IQAC
23.	Dr. B. Nagamani	Professor & Coordinator, Institute Innovative council
24.	Dr. J. Anjaiah	Professor, Associate Dean-Student Affairs
25.	Dr. V. Suseela Triveni	Professor & Dean, Women Protection Cell and Coordinator – Mathematics Club
26.	Dr. M. Aruna Bharathi	Professor, Dean, Center for Women in Engg.
27.	Dr. M .Devaiah	CoE, GCET and Professor, ME
28.	Dr. J. Shankar	Professor
29.	Dr. A. Uma Devi	Professor, Dean, Centre for Student Activities
30.	Dr. K. Yugandhar	Professor
31.	Dr. G. Srinivas	Professor
32.	Dr. Subhadra Nemani	Professor
33.	Dr. G. Murali	Professor
34.	Dr. K. Shasikala	Professor
35.	Dr. A. Sita Madhavi	Professor

5.2.2 College Level incharges for offices of different Divisions / Sections:-

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist-501301

No. GCET/107A/2023-24 Dated. 20-10-2023

OFFICE OF THE PRINCIPAL

CIRCULAR

Sub:- College level incharges for offices of different divisions/sections - reg.

Sl .No.	Name of the Staff	Designation	Department / Division	Incharge for
1.	Dr. B. V. Swathi	Professor & Dean, Training for Professional & Career Dev.	CSE	Student's Training/Placements
2.	Dr. G Neeraja Rani	Professor & HOD	FE	BoS – Chair person – Physics
3.	Dr. Vemula. Suseela Triveni	Professor & Dean, WPC	FE	Bos – Chair person – Mathematics & Women Protection Cell & Mathematical Club
4.	Dr. K. Shasikala	Associate Professor	FE	BoS – Chair person – Chemistry
5.	Dr. B. Nagamani	Professor & Dean Center for Soft. Skills Development and Coordinator of IIC	FE	BoS – Chair person – English & Literary Club & Soft Skills Development
6.	Dr. K. Srilakshmi	Asst. Prof. & Co-Cordinator of IIC	CE	Green campus & Environmental club
7.	Ms. M. Keerthi/ Mr. S. Ramanjaneyulu	Asst. Prof. & Sr. Asst. Prof.	CSE	Coding Club
8.	Ms. M. Keerthi	Asst. Prof.	CSE	Fine Arts Club
9.	Ms. V. Padmaja	Jr. Superintendent	Administration	Establishment Section
10.	Ch. Neeraja	Jr. Superintendent	Administration	Academic Section
11.	M. Girija	Student Counsellor-II	Administration	Student Counselling Cell

PRINCIPAL

To
Deans/ HoDs / Staff & Students
Copy to: Chairman, GCET – for kind information.

5.2.3 Students' Clubs and their Coordinators:-

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist-501301

No. GCET/107B/2023-24 Dated. 20-10-2023

OFFICE OF THE PRINCIPAL

CIRCULAR

Sub:- Students' Clubs and their Coordinators- reg.

This is to inform that the following students' Clubs are existing in the college. The details are as follows:

S. No.	Name of the Club	Department	Name of the Coordinator
1.	Science club	FE	Dr. J. Shankar
2.	Mathematics club	FE	Dr. V. S Triveni
3.	Literary Club	FE	Dr. K Yugandhar
4.	Design Thinking Club	FE	Dr. B. Nagamani
5.	Fine arts and Cultural Club	FE	Ms. M. Keerthi
6.	Environmental Club	FE	Dr. K. Srilakshmi
7.	Coding Club	CSE	Ms. M. Keerthi/ Mr.S. Ramanjaneyulu
8.	Robotics Club	CSE	Mr. G. Krishna Lava Kumar
9.	Cyber Security Club	CSE	Ms. B. Mamatha
10.	Creative Design Club	CSE	Mr. M. Vijay Bhasker Reddy
11.	Srujanastra Club	ECE	Ms. M. Laxmi
12.	Solar Club	EEE	Mr. G. Bhagath
13.	DOPY club	Institute	Mr. P. Laxmi Reddy, Asst. Prof.-ME
14.	Deco Club	Institute	Dr. K Sreelakshmi, Asst. Prof. - CE
15.	Sports Club	Institute	Mr. B. Govardhan, PD
16.	Library Club	Institute	Mr. S. Kameswara Rao, Library I/C
17.	NSS	Institute	Mr. R. Odaiah (Program officer)

- All co-curricular and extracurricular activities involving students, have to be conducted either a part of a Professional body or under one of the above clubs.
- Faculty coordinators are requested to nominate students for the above clubs, oversee the activities, file all documents pertaining to various activities conducted, and prepare reports for the same.
- A minimum of activities are to be conducted under each club in every Academic Year.

PRINCIPAL

To
Deans/ HoDs / Staff & Students
Copy to: Chairman, GCET – for kind information.

5.2.4 Discipline Committee:-

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist – 501301

No. GCET/039 /2024- 25 Dated. 10-8.2024

OFFICE OF THE PRINCIPAL

CIRCULAR

Sub: Constitution of Discipline committee and squads committee on curbing the menace of Indiscipline in the college for the Academic Year 2024-25 –reg.

The College Discipline committee with the following members has been constituted for the academic year 2024-25.

S. No	Name of the Staff Member	Designation / Department	Position in committee
1.	Prof. Dr. S. Udaya Kumar	Principal, GCET	Chairperson
2.	Dr. A.S. Madhusudhan Rao	Professor, FE & Dean-Student Affairs	Convenor
3.	Dr. M. Devaiah	Professor, ME & CoE	Member
4.	Dr. R. Prasanna Kumar	Professor, CE & Registrar, GCET	Member
5.	Dr. J. Anjaiah	Professor, FE & Assoc. Dean, Student Affairs	Member
6.	Prof. B. Hari Kumar	Professor, ECE & Dean – SE&CE,	Member
7.	Dr. V. Madhusudan Rao	Professor, CSE and Dean – SCS&I	Member
8.	Dr. A. Sreelakshmi	Professor & HoD, CSE	Member
9.	Dr. G. Neeraja Rani	Professor & HOD, FE	Member

PRINCIPAL

PRINCIPAL
Geethanjali College of Engg. and Tech.
(Autonomous)
Cheeryal (V), Keesara (M), Medchal (D), Telangana

To

All Deans / HODs / Professors/I/Cs/Members concerned
AO / Library / Accounts / P&S
Canteen / Security

Copy to Secretary. GCET

5.2.5 NSS Cell:-

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist – 501301

No. GCET/040/2023- 24 Dated. 10.08.2024

OFFICE OF THE PRINCIPAL

The following faculty members are nominated as coordinators of the NSS Unit of our college for the academic year 2024-25.

S.No.	Name of the Faculty	Designation	Department	Role in NSS
1.	Dr.A.S. Madhusudhan Rao	Professor and Dean S&A	FE	Advisor
2.	Mr.R.Odaiah	Associate Professor	ECE	Program Officer-NSS
3.	Mr.N.Srikanth	Assistant Professor	Civil	Coordinator
4.	Mr.P.Mahesh Kumar	Assistant Professor	Mech	Coordinator
5.	Mr. J. Kishore Babu	Assistant Professor	EEE	Coordinator
6.	Mrs.Savithri Padma Priya	Assistant Professor	ECE	Coordinator
7.	Mr.M.Chatter Singh	Assistant Professor	ECE	Coordinator
8.	Mr.Y.Siva	Sr.Assistant Professor	CSE	Coordinator
9.	Mrs.S.Radha	Assistant Professor	CSE	Coordinator
10.	Mrs. A. Shiva Jyothi	Associate Professor	CSE	Coordinator
11.	Mr.G.Ashok	Assistant Professor	AIML	Coordinator
12.	Mr.Ramavath	Assistant Professor	IT	Coordinator
13.	Mr. Abhijithkare	Assistant Professor	Cyber Security	Coordinator
14.	Mrs.K.Srilatha	Assistant Professor	Data Science	Coordinator
15.	Mrs.Shainaz begum	Assistant Professor	MBA	Coordinator
16.	Dr.A.Ramesh	Associate Professor	FE	Coordinator
17.	Dr.N. Nagi Reddy	Associate Professor	FE	Coordinator
18.	Dr. B. Srinu	Sr. Assistant Professor	FE	Coordinator

PRINCIPAL

Geethanjali College of Engg. & Tech.
(Autonomous)
Cheeryal (V), Keesara (M), Medchal (D), Telangana-501301

*Note: This will be in effect, till the further orders.

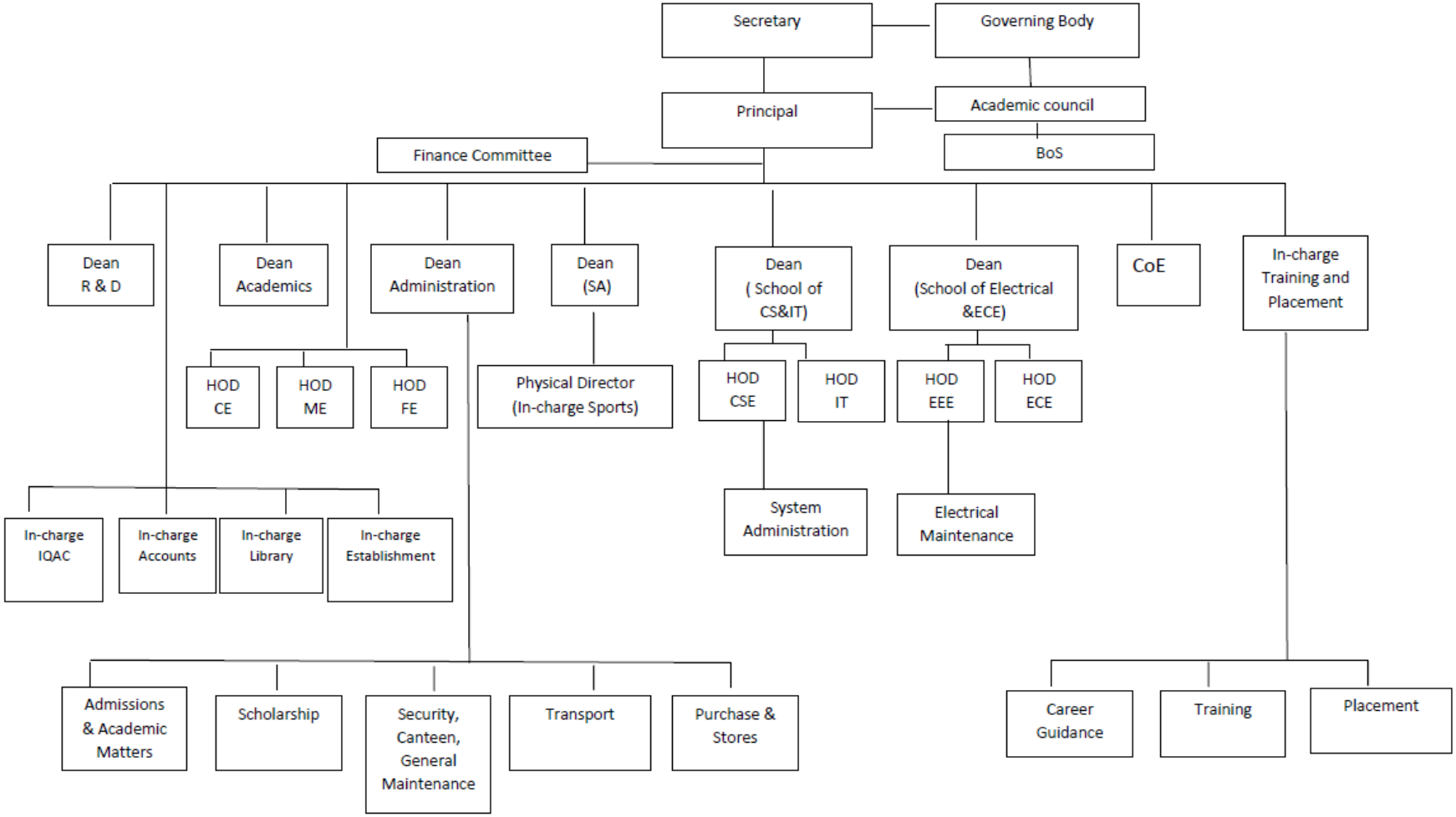
To
All Deans / HODs / Professors/I/Cs/Members concerned
AO / Library / Accounts / P&S
Copy to Secretary. GCET

5.3 Frequency of the Board Meeting and Academic Advisory Body:-

a. Governing Body meeting - once in 6 months.
b. College Academic Council meeting - once in 6 months.
c. College Academic Committee meeting - once in a week (Every Wednesday)

5.4 Organizational chart and processes :-

ORGANOGRAM OF GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY (Link on website:_____)



5.5 Nature and Extent of involvement of faculty and students in academic affairs/ improvements :-

1) **College Academic Committee:-** This Committee consists of Heads of the Departments, Professors and Deans. All the Academic activities are planned and implemented by the members of this Committee. The opinions and ideas of the faculty are taken into consideration before policy matters are decided.

2) **Class Review Committee:-** It consists of 5 students and the entire faculty handling the courses for that class with the HOD as the coordinator. The members are actively involved in the academic affairs including the coverage of syllabus, expert lectures, technical activities of the students, technical visits, paper presentation etc.

3) **Student counseling:-** Each faculty member is allotted 10 students. He/She is responsible for academic guidance of the students allotted to him. The faculty member redresses the problems faced by the student in academic and administrative matters.

5.6 Mechanism/Norms and Procedure for democratic/good Governance :- The Institution believes in a democratic set up. Each department with its head and members decide upon the requirements with consensus. The staff, lab equipments, library books required are projected to the Principal by the HOD. For all procurements, quotations are obtained, technical specifications studied, rates are compared by the department and the proposals are forwarded to the management through Principal.

5.7 Student Feedback on Institutional Governance / faculty performance :- Students are given feedback forms within two weeks of the commencement of the class work to evaluate the effectiveness of teaching. The criteria taken are

a). Punctuality & Regularity of the teacher
b). Teacher's control and conduct of the class
c). Understandability
d). Discussion of class tests/tutorials / assignments
e). Coverage of syllabus
f). Overall rating of the teacher of the subject

The feedback is analyzed and is utilized to counsel the teachers whose performance is not upto mark. The students are also asked to comment about the facilities such as Library, Canteen, Sports transport etc., so that corrective measures can be taken.

5.8 Grievance Redressal mechanism for faculty, staff and students :- The students can express their grievances through suggestions box and also through feedback forms. The management & Principal also attend special sessions to know the problems of the students. So, also faculty & staff meetings are held to know their problems and their grievances are attended to. A grievance redressal cell with the Secretary, Principal and HODs is formed where the problems are discussed & solutions arrived at.

5.9 Establishment of Anti Ragging committee:-

As per the directions of JNTUH & UGC, the college has formed the following Anti-ragging committee and squad for menace of Ragging in the college

Anti-ragging Committee:

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist – 501301

No. GCET/038/2024- 25 Dated. 10-8.2024

OFFICE OF THE PRINCIPAL

CIRCULAR

Sub: Constitution of Anti-ragging committee and squads committee on curbing the menace of Ragging in the college for the Academic Year 2024-25 –Reg.

As per the directions of JNTUH & UGC, the college has formed the following Anti-ragging committee and squad for curbing the menace of Ragging in the college with effect from 19.08.2024.

Anti-ragging Committee:

S. No	Name of the Staff Member	Designation / Department	Position in committee	Cell No.
1.	Prof. Dr. S. Udaya Kumar	Principal, GCET	Chairperson	9866308257
2.	Dr. A.S. Madhusudhan Rao	Professor, FE & Dean-Student Affairs	Convenor	9849352562
3.	Dr. M. Devaiah	Professor, ME	Coordinator	9948606326
4.	Dr. J. Anjaiah	Professor, FE & Assoc. Dean, Student Affairs	Coordinator	9441230077
5.	Dr. P. Vijai Bhaskar	Professor, ECE & Dean-Academics	Member	9866284376
6.	Dr. R. Prasanna Kumar	Professor, CE & Registrar, GCET	Member	8712898489
7.	Prof. B. Hari Kumar	Professor, ECE & Dean – SE&CE,	Member	9642613923
8.	Dr. V. Madhusudan Rao	Professor, CSE and Dean – SCS&I	Member	9885096285
9.	Dr. A. Sreelakshmi	Professor & HoD, CSE	Member	9000001670
10.	Dr. G. Neeraja Rani	Professor & HOD, FE	Member	9951752754
11.	Dr. R. Sudarshan	Professor & HOD, ME	Member	9849224047
12.	Dr. G Sreelakshmi	Professor & HOD, ECE	Member	9866207686
13.	Dr. D. Radhika	Professor & HOD, EEE	Member	8466933475
14.	Dr. V. V. Praveen Kumar	Assoc. Prof. & HOD, CE	Member	9642199575
15.	Dr. K. Srinivas	Professor & HOD, (IOT) & IT	Member	9866546163

16.	Dr. L. Kiran Kumar Reddy	Associate Professor & HOD, DS	Member	9866546763
17.	Dr. G. Kalyani	Associate Professor & HOD, CS	Member	9000414256
18.	Dr. L. Venkateswarlu	Prof. & HOD, CSE-AIML	Member	9441226277
19.	Dr. J. Pardhasaradhi	Prof. & HOD, MBA	Member	9032008030
20.	Dr. B.V. Swathi	Professor, CSE & Dean TPCD	Member	9885096286
21.	Dr. M. Aruna Bharathi	Professor, EEE	Member	9908325596
22.	Dr. P. Srihari	Professor, ECE & Dean R&D	Member	9000836630
23.	Mr. K. Mahender	Assoc. Professor, EEE & Transport I/c.	Member	7730069777
24.	Mr. S. Sreedhar	Physical Director	Member	9866292133
25.	Mr. M. Raghubhashker Reddy	Physical Director	Member	9705493214
26.	Mr. B. Goverdhan	Physical Director	Member	9908557598
27.	Mr. A. Venkataiah	C.I. Keesara	Member	8712662107
28.	Mr. Laxman	S.I. Keesara	Member	8712662114
29.	Ms. D. Madhuri	WPC	Member	8712535858

- **ANTI-RAGGING SQUAD:**

S. No	Name of the Staff Member	Designation	Dept.	Cell No.	Place of Duty
1.	Dr. A. Ramesh	Associate Professor	FE	9966290224	Block –II, Ground Floor
2.	Mr. A. Shiva Kumar	Assistant Professor	FE	9701541580	
3.	Dr. S. Rajesham	Associate Professor	FE	9505105205	Block – II First Floor
4.	Dr. P. Sreedhar	Associate Professor	FE	9396387381	Block – II Second Floor
5.	Dr. A. Anil Kumar	Assistant Professor	FE	9848870548	
6.	Dr. K. Kamalakar	Sr. Asst. Prof.	FE	9963425537	Block – II Third Floor
7.	Dr. B. Srinu	Associate Professor	FE	9966181688	Canteen
8.	G. Raju	Assistant Professor	CE	949221363	
9.	Dr. SK Mohd Ali	Associate Professor	FE	9848971593	Canteen Corner
10.	Mr. G. Srikanth	Associate Professor	EEE	9348008383	
11.	Mr. J. Kishore Babu	Assistant Professor	EEE	9951970633	
12.	Mr. M. Srujan Kumar	Assistant Professor	CE	8978784074	College Bus Stop
13.	Mr. D. Venkateswarlu	Associate Professor	CSE	7799880645	
14.	Mr. M. Srinivas	Associate Professor	CSE	7799880648	
15.	Mr. M. Murali	Assistant Professor	FE	9603705805	
16.	Mr. K. Srinivas	Assistant Professor	CSE	7799236048	2 Wheeler Parking

17.	Mr. Y. Siva	Sr. Assistant Professor	CSE	9866964152	
18.	Mr. V. Shivanarayan Reddy	Associate Professor	CSE	9848625028	College Bus stop (near Main Gate)
19.	Mr. S. Ramanjaneyulu	Sr. Assistant Professor	CSE	9032924682	Cheeryal Bus stop
20.	P. Aparna	Sr. Assistant Professor	CSE (AI &ML)	9949912064	College Bus stop (near canteen corner)
21.	Abhijeet Kar	Assistant Professor	CSE (CS)	9030859430	College Auto Stand
22.	Ms. M. Keerthi	Assistant Professor	CSE (IOT)	9989496999	Cheeryal Bus stop
23.	Mr. M. Anand	Assistant Professor	ECE	9441366209	Cheeryal Bus stop Near Block -III
24.	Mr. K. Naresh Babu	Sr. Assistant Professor	CSE (AI&ML)	9246163228	
25.	Mr. P. Manohar	Associate Professor	IT	9449403329	
26.	Mr. K. Murali	Assistant Professor	EEE	9032455594	
27.	Mr. G. Vijay Kumar	Sr. Assistant Professor	CSE (DS)	9154338435	
28.	Mr. G. Venkateshwarlu	Assistant Professor	ECE	8121562272	
29.	Mr. P. Laxmi Reddy	Sr.Assistant Professor	ME	9700278304	
30.	Mr. K. Naupal Reddy	Sr.Assistant Professor	MBA	9989451320	Near Block -III

STUDENT NAMES:

Class	Roll No.	Student Name	Phone No.
2022-2026 Batch			
CSE	22R11A05D0	Panditharadhyula Varshita	7013071892
	22R11A05N7	Varanasi Harish	8121653847
	22R11A05Y1	S. P.Kruthik	6303044286
ECE	22R11A0476	Mekala Karthikeya Lakshmi Venkata Narayana	7330896372
	22R11A04K2	Yashika Agarwal	6305136658
AIML	22R11A6674	M.Lalith Sai	9148033897
	22R11A66C2	Mandaloju Akash	6300139513
DS	22R11A6741	V. Manideep	7075119809
CS	22R11A6243	Venna Thrishank	7815940875

IOT	22R11A6909	Gurram Kovida	8341301293
EEE	22R11A0224	Kattekola Sanjana	6281533025
ME/CE	22R11A0301	Dayara Chidvilas	8008516759
2023-2027 Batch			
CSE	23R11A0513	Bunga Vaishnavi	8328140673
	23R11A0590	Vansh Bhadani	8074023817
	23R11A05E3	Atmakuru Rithwick Reddy	8919515744
	23R11A05X2	Kruttiventi SriSsai Satwik	9494247682
CSE AI&ML	23R11A6615	Gollapalli Preetam Vamsi	7396923136
CSE AI&ML	23R11A66P7	Muthineni Varshitha	9392533371
CSE CS	23R11A6201	A S R S S Snigdha	9010078444
CSE CS	23R11A62G5	Hanumanthu Sai Lochan	967830744
CSE DS	23R11A67C2	Kummathi Divyashree	7842754394
CSE DS	23R11A6772	Kothuri Naga Balaji	7842187542
ECE	23R11A0412	Gajula Manasa	6300573101
	23R11A04J0	Sreepada Chetan Sharma	6300981816
CIVIL	23R11A0112	Rangavajhula Vamsi krishna	7981029539
MECH	23R11A0305	Subramanian Vinayak	7989086070
EEE	23R11A0231	Myana Deepak	9441372005

- **BUS INCHARGES**

S.NO	NAME	DESIGNATION	BRANCH		BOARDING POINT	OLD RT
1	P Kumara swamy	Sr. Assistant Professor	FE	Staff	Panama	1
2	Dr P. Sreedhar	Assistant Professor	FE	Staff	Nagole	1
3	D.Vivekanand	Lab Assistant/Programmer	ECE	Staff	Chaderghat	2
4	G Sampath Kumar	Assistant Professor	CE	Staff	Champapet	2
5	Amirineni Rama L Padmaja	Assistant Professor	ECE	Staff	Erragadda	3
6	K.Mounika	Assistant Professor	Pharmacy	Staff	Ameerpet	3
7	Y.Anil	Assistant Professor	FE	Staff	Boduppal Sbi	4
8	M Vishwashanthi	Assistant Professor	CSE	Staff	Mallanna Temple Boduappal	4

9	M Jayaratnam	Ele Maintenance	EEE	Staff	Suncity	5
10	Mohammed Abubakar	Associate Professor	Pharmac y	Staff	Nanalnagar	5
11	M Simhadry	Lab Assistant/Progra mmer	ME	Staff	Alwyn X Roads	6
12	Dr K Kamakshaiah	Associate Professor	CSE	Staff	Jntuh	6
13	P Sobha Rani	Assistant Professor	CSE & IT	Staff	Mallareddy Garden	7
14	V Sravanthi	Assistant Professor	CSE	Staff	Mallareddy Garden	7
15	M .Umarani	Sr.Assistant Professor	ECE	Staff	DILSUKHN AGAR	8
16	M.Murali	Assistant Professor	FE	Staff	Amberpet	8
17	Gidigam Udayasri	Assistant Professor	CSE	Staff	Warasiguda	9
18	D Dhanalaxmi	Admin Assistant	Admin	Staff	Vinayaknagar	10
19	M Laxmi	Associate Professor	ECE	Staff	Old Safilguda	10
20	Y Sravan Kumar	Stores	Admin	Staff	East Marredpally	11
21	Dr.J.Shankar	Professor	FE	Staff	Gk Colony Neredmet	11
22	T Kranthika	Associate Professor	CSEAI& ML	Staff	Shivam X Road	12
23	Dr L Arpitha	Assistant Professor	CSE	Staff	Shivam X Road	12
24	Dr. B. Mamatha	Associate Professor	FE	Staff	Ramanthapur	13
25	Dr Srinivas Katakam	Professor	CSE & IT	Staff	Street No : 8, Habsiguda	13
26	Dr. A. Anilkumar	Assistant Professor	FE	Staff	Peerzadiguda	14
27	S Raju	Lab Assistant/Progra mmer	ME	Staff	Ig Statue Alwal	15
28	A.Shiva Jyothi	Associate Professor	CSE	Staff	Lothkunta	15
29	M Sowjanya	Associate Professor	ECE	Staff	As Rao Nagar	16
30	Dr.K.Shashikala	Professor	FE	Staff	Small Saibaba Temple, Sainikpuri	17
31	Gandrakoti Lokeshwari	Associate Professor	CSE-CS	Staff	Mirjalguda	18

32	D.Venkateswarlu	Associate Professor	CSE	Staff	Sriram Nagar Colony	20
33	Y. Vanisree	Admin Assistant	CSE AI&ML	Staff	Housing Board Colony, Phase-1	21
34	K.Mahendrachari	Lab Assistant/Programmer	ME	Staff	Hb Colony Moulali Hyd	21
35	K. Saiprabha	Assistant Professor	Pharmacy	Staff	Krupa Complex (Safilguda Lake)	23
36	R.Sukruta	Assistant Professor	CSE & IT	Staff	Rtc Colony,Moula-Ali	24
37	Botla Mamatha	Assistant Professor	CSE & IT	Staff	Lalapet	25
38	G.Ramachandra Kumar	Assistant Professor	ECE	Staff	Anandbagh	27
39	M.Ravi Kumar	Sr.Assistant Professor	ME	Staff	Raj Lakshmi Uppal Rto Office	28
40	V. Padmaja	Admin Assistant	Admin	Staff	Vayusakthi Nagar	29
41	B.V.Ramanasri	Admin Assistant	Admin	Staff	Nagaram, Medplus	29
42	Naga Chandrika Pallam	Assistant Professor	Pharmacy	Staff	Cherlapalli	31
43	A Vineela	Admin Assistant	Admin	Staff	Rampally X Road	31
44	J Sudhakar	Associate Professor	CSE	Staff	Gayathri Nagar	33
45	Y Nagalakshmi	Assistant Professor	ECE	Staff	Kushaiguda Venkateshwara Swamy Temple.	33
46	P.Chandra Prakash Reddy	Assistant Professor	ECE	Staff	Ghatkesar	34
47	K Arun Kumar	Pa-Stores	Admin	Staff	Ghatkesar	34
48	Tula Prasadrao	Lab Assistant/Programmer	ME	Staff	Suchitra X Road	35 A
49	K Rama Rao	Assistant Professor	ECE	Staff	Saibabatemple, Oldalwal, Suchitra Road	35 A
50	P Rajendar	Assistant Professor	EEE	Staff	Layola College	35 B

51	Gangapuram Srikanth	Associate Professor	EEE	Staff	Sai Baba Temple Akwal	35 B
52	J.Meenasravanthi	Assistant Professor	CSE	Staff	Boduppal Big Bazar	36
53	Galipelli Ashok	Assistant Professor	CSE-AI&ML	Staff	Uppal Bus Depo	36
54	Dr B L Prakash	Professor	ECE	Staff	Nacharam	37
55	TV.Chandrasheka r	Associate Professor	ECE	Staff	Mallapur	37
56	Vedavyas Gurla	Associate Professor	CSE AI&ML	Staff	Sagar X Road	39
57	Praveenkumar Gopagoni	Sr. Assistant Professor	CSE & IT	Staff	Chintalkunta	39

Complaints regarding ragging can be brought to the notice of the any of the anti-ragging committee members, who will take necessary action.

It is the responsibility of the anti-ragging squad to monitor and ensure that no ragging incidents will happen in their respective areas. Bus incharges are responsible for ensuring no ragging incidents take place in the buses. All the 1st year students are to be seated in the front seats, then faculty are to be seated. Seniors are to be seated at the back.

PUNISHMENTS: Depending upon the nature and gravity of the offence as established by the Anti Ragging Committee of the college, the possible punishments for those found guilty of ragging at the college level shall be any one or a combination of the following:

RAGGING WITHIN OR OUTSIDE THE COLLEGE CAMPUS IS PROHIBITED

S. No	NATURE OF RAGGING	PUNISHMENT
1	Teasing, Embarrassing and Humiliating	Imprisonment up to 6 months or fine up to Rs.1000/- or both
2	Assaulting or using Criminal force or Criminal Intimidation	Imprisonment up to 1 year or fine up to Rs.2000/- or both
3	Wrong fully Restraining or Confining or Causing Hurts	Imprisonment up to 2 years or fine up to Rs.5000/- or both
4	Causing Grievous Hurt, Kidnapping or Raping un-natural	Imprisonment up to 5 years or fine up to Rs.10000/- or both
5	Causing Death or Abetting Suicide	Imprisonment up to 10 years or fine up to Rs.50000/- or both

Note: A student involved in any of the above offences will be arrested and dismissed from the college and will not be admitted in any other college.

DON'T INVOLVE IN RAGGING; DON'T SPOIL LIVES

PRINCIPAL
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Gaethanjali College of Engg. and Tech.
(Autonomous)
Cheeryal (V), Keesara (M), Medchal (D), Telangana

To

All Deans / HODs / Professors/I/Cs/Members concerned
AO / Library / Accounts / P&S
Canteen / Security

Copy to Secretary. GCET

5.10 Establishment of Online Grievance Redressal Mechanisam YES

The students, not satisfied with the decision of the SGRC, can approach the JNTUH appointed OMBUDSPERSON whose particulars are as given hereunder.

Click Here for OMBUDSPERSON details

Grievance Redressal Form

5.11 Establishment of Grievance and Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University.

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist. – 501301

No. GCET/182/2023-2024 Dated: 22.01.2024

OFFICE OF THE PRINCIPAL

CIRCULAR

Sub: Students Grievances Redressal Committee(s) (SGRC) for the Academic year(s) 2023-24 &2024-25- Reg.

With reference to University Grants Commission (UGC) letter No.D.O.No:F-1-13/2022 (CPP-II), dated 12th April, 2023, a Students Grievances Redressal Committee (SGRC) with the following composition is constituted for the Academic year(s) 2023-24 &2024-25- Reg.

S. No	Name of the Staff Member	Mobile No.	Position In Committee
1	Dr. A. S. Madhusudhan Rao, Dean, Student Affairs & Professor, Physics	9849352562	Chairperson
2	Dr. J. Anjaiah, Associate Dean, Student Affairs & Professor, Physics	9441230077	Member
3	Dr. M. Aruna Bharathi, Professor, EEE Department	9908325596	Member
4	O. V. P. R Siva Kumar Professor, ECE Department	8309200546	Member
5	D. Venkateswarlu Associate Professor, CSE Department.	7799880645	Member
6	Mr. K. Manoj Student, Roll. No. 21R11A6671	9392102794	Special Invitee

Terms & Conditions:

1. A complaint from an aggrieved student relating to the institution shall be addressed to the Chairperson, Students Grievance Redressal Committee (SGRC).
2. The term of the chairperson and members shall be for a period of two years.
3. The term of the special invitee shall be one year.
4. The SGRC shall send its report with recommendations, if any to the competent authority of the institution concerned and a copy thereof to the aggrieved student, preferably within a period of 15 working days from the date of receipt of the complaint.

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Cheeryal (V), Keesara (M), Medchal (D), Telangana-501301

To
Deans/HODs/I/Cs
All Classrooms and all the above members.

Copy to. Secretary, GCET

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist-501301

No. GCET/153/2023-24 Dated. 20.12.2023

OFFICE OF THE PRINCIPAL

CIRCULAR

The details of the OMBUDSPERSON nominated by JNTUH are given below. This is for the information of all the students of our college.

1. Name : **Dr. R. Sayanna**
2. Designation : Former Vice-Chancellor Kakatiya University, Warangal & Former Professor & Head, Department of Physics, Osmania University, Hyderabad
3. E. mail : ombudsperson@jntuh.ac.in
4. Photograph :

PRINCIPAL

Circulation to: Deans/ HODs / I/Cs
All Class Rooms, AO
Notice Board/Website

Copy to : The Secretary, TES

Web : www.jntuh.ac.in
E Mail : pa2registrar@jntuh.ac.in
Phone : Off: +91-40-32422256
Fax : +91-40-23158665

ACCREDITED BY NAAC
A-GRADE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)
Kukatpally, Hyderabad – 500 085, Telangana, India

Cir.No. DAFA/SGRC/ Ombudsperson/2023 **Date: 19-12-2023**

CIRCULAR

The Managements / Principals of all Constituent & Affiliated Colleges are hereby informed to display the details of the OMBUDSPERSON nominated by the University (along with photograph) in the respective College websites and the student notice boards. Please note that it is mandatory as per the directions of AICTE / UGC.

The details of the **OMBUDSPERSON** nominated by the University

1. Name : **Dr. R. Sayanna**
2. Designation : **Former Vice-Chancellor Kakatiya University, Warangal & Former Professor & Head, Department of Physics, Osmania University, Hyderabad**
3. E mail : **ombudsperson@jntuh.ac.in**
4. Photograph :

This is for your information and immediate action.

19/12/23
REGISTRAR

To
The Managements / Principals of all Affiliated colleges of JNTUH.
Copy to: PA to Vice-Chancellor / Rector / Registrar, JNTUH for information.

To Registrar Sir 20/12

5.12. Establishment of Internal Complaint Committee (ICC) / WPC

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Cheeryal (V), Keesara (M), Medchal Dist., 501301

No. GCET/ICC/023A/2023-24 Dt. 01-08-2023

OFFICE OF THE PRINCIPAL

OFFICE ORDER

It is hereby informed that the Internal Complaints Committee (ICC) of the college comprising Women Protection Cell (WPC) as well as Grievance redressal cell is reconstituted with the following composition and functions, for the academic years 2023–2024.

I. Composition:

S. No	Name of the Staff Member S/Sri/Ms.	Designation	Status	Phone No.
1.	Dr. V. S. Triveni	Professor, FE	Presiding officer	7660827666
2.	Dr. A. Hari Prasad Reddy	Associate Professor, CSE	Member	8297362862
3.	T. Santhosha	Asst. Professor, CSE (AI&ML)	Member	8985800063
4.	N. Madhavi	Asst. Professor, CSE (DS, CS)	Member	8500040727
5.	D. Sudheer Reddy	Assistant Professor, CSE(IoT)	Member	630009676
6.	Y. Nagalakshmi	Assistant Professor, ECE	Member	9492922084
7.	Azra Zainab	Assistant professor, EEE	Member	9849565306
8.	P. Laxmi Reddy	Assistant Professor, ME	Member	9700278304
9.	Dr. K. Sri Lakshmi	Assistant Professor, CE	Member	7702139555
10.	G. Vijayalakshmi	Assistant Professor, MBA	Member	9912344223
11.	G. Naveen Ram	Administrative Officer	Member	9182058188
12.	A. Bhavya, CSE	Student – 21R11A05A5	Member	9515351352
13.	P. Nitya, CSE (AI&ML)	Student – 21R11A66C6	Member	9390756412
14.	Dr. Arpitha Velanky	Freelancer	External Member	8688801408

Note: 24x7 women helpline number 7660827666 in the campus for providing safety to students and female faculty and non-teaching faculty.

1. The term of the nominated members shall be 2 years.
2. A Meeting of the Internal Complaints Committee shall be convened at least once a year.

II. Functions of the Committee:

1. The committee will enquire into the complaints received, on sexual harassment, from women staff or students.
2. All students and staff can address their complaints to the cell.

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(Autonomous)
Cheeryal (V), Keesara (M), Medchal (D), Telangana-501301

To: Deans / HODs/Professors/ I/Cs/
ICC Members/ AO /
CC: Secretary, GCET

5.13. Establishmnet of Committee for (SC/ST)

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist. – 501301

No. GCET/ 060 /2023-24 Date: 09.09.2023

OFFICE OF THE PRINCIPAL

OFFICE ORDER

Sub: SC/ST Cell – formation-Reg.

With immediate effect and until further orders SC/ST Cell of the college with the following composition is constituted with the following terms and conditions.

S. No	Name of the faculty/student	Phone number	E mail id	Position in the Cell
SC CELL				
1	Dr. M. ArunaBharathi Professor, EEE I/C of SC/ ST Cell-GCET	9908325596	arunabharathi916.eee@gcet.edu.in	Sr. Faculty
2	Dr. M. Devaiah Professor, ME	9948606326	devaiahmalkapuram.me@gcet.edu.in	Faculty
3	Mr. C.S. Keerthana B.Tech.(ECE) III Year 22R15AO416	7729038943	22R15A0416@gcet.edu.in	Student
ST CELL				
4	Mr. D. Venkateswarulu Associate Professor, CSE	7799880645	dvenkateswarlu.cse@gcet.edu.in	Sr. Faculty
5	B. Ramu Assistant Professor, ECE	9966857129	ramu0604.ece@gcet.edu.in	Faculty
6	Mr. J. Siddu Nayak B.Tech. (ECE) III Year 21R11A0417	9848496650	20R11A0417@gcet.edu.in	Student

Terms & conditions:

1. The committee should meet as and when a case is referred to it.
2. Processing of the committee should be prepared within 48 hours of every meeting and submitted to the chair person.
3. Organize awareness programs and skill up gradation training programs to SC/ST students regarding funding agencies.
4. Organizing motivational programs to make them excel in academics and competitive exams.
5. The term of the committee will be for three years.
6. Minutes of the Meeting should be submitted to Principal.

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(Autonomous)
Cheeryal (V), Keesara (M), Medchal (D), Telangana-501301

To
Deans / HoDs / All SC /ST Cell Members
All Classrooms for students

5.14. Internal Quality Assurance Cell (IQAC)

Phone : 9182058188
Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

Geethanjali

Geethanjali College of Engineering and Technology

AUTONOMOUS

(Accredited by NAAC "A+" Grade; ECE, CSE, EEE & CE, B.Tech Programs Accredited by NBA,
Approved by AICTE, New Delhi, Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

CIRCULAR

19-08-2024

IQAC cell has been reconstituted with the following members for the academic year 2024-25 to facilitate various quality initiative across the institution.

S.No	Name of the member	Designation	Remarks
1.	Dr. S. Udaya Kumar	Chairman-IQAC	Principal
2.	Dr. P. Srihari	Coordinator-IQAC	Dean-R&D and Professor-ECE
3.	Dr. J. V. Madhuri	Associate Co-Ordinator – IQAC	Assoc.Prof. Dept. of FE
4.	Dr. A. Venkata Raman	Associate Co-Ordinator – IQAC	Associate Professor-CSE-DS
5.	Dr. R. Prasanna Kumar	Professor-CE and Registrar	Teacher Representative
6.	Dr. P. Vijai Bhaskar	Dean-Academics	Teacher Representative
7.	Dr. A.S. Madhusudhana Rao	Professor and Dean-SA	Teacher Representative
8.	Dr. G. Neeraja Rani	Professor and Head-FED	Teacher Representative
9.	Mr. E. Mahender	Asst. Professor-CSE	Teacher Representative
10.	Ms. G. Madhumitha	Member-Teja Education Society	Management Representative
11.	Mr. G. Naveen Ram	Admin. Officer	Administrative Officer
12.	Mr. Bala Krishna	Head Master-Primary School, Cheeryal (V)	Local Society nominee
13.	Mr. T.S.S.R.B. Harateja	H.T.No. 21R11A04E7	Student Representative
14.	Mr. Viswa Aditya	H.T.No.06R11A0203	Alumni
15.	Mr. V. Sri Hari	Sitra Infotech	Employer
16.	Sri L. Srinivasa Murthy	Founder-Bees Consultancy	Industrialist
17.	Ms. Ch. Neeraja	Junior Superintendent	Parent

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(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 301

6. Programmes

6.1 Name of the Programmes approved by the AICTE

Under Graduate: B.Tech.

Computer Science and Engineering (CSE)
Computer Science and Engineering (AI&ML)
Computer Science and Engineering (Data Science)
Computer Science and Engineering (Cyber Security)
Electronics and Communication Engineering (ECE)
Electrical and Electronics Engineering (EEE)
Mechanical Engineering (ME)
Civil Engineering (CE)

Post-Graduate:

M.Tech. (Computer Science & Engineering)
MBA (Master of Business Administration)

6.2 **Name of the Programmes accredited by NBA**

NBA Accreditation Status			
1	Name/ List of Programmes/ Courses Accredited	1. B.Tech. Electronics and communication Engineering (ECE) 2. B.Tech. Electrical and Electronics Engineering (EEE) 3. B.Tech. Computer Science and Engineering (CSE)	Accredited for 3 years Academic Years 2022-23 to 2024-25 i.e Up to 30.06.2025
		4. B.Tech. Civil Engineering (CE)	Accredited for 3 years Academic Years 2021-22 to 2023-24 i.e up to 30.06.2024
2	Applied for Accreditation	List to be shown	
	A. Applied but Visit not happened		
	B. Visit happened but result awaited		
3	List of programmes/ courses Not Applied	List of programmes/ courses may be shown	

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड़, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

File No. 11-145-2010-NBA

Date: 19-10-2022

To,
The Principal
Geethanjali College of Engineering and Technology
Sy No. 33 & 34, Cheeryal (V), Keesara (M)
Rangareddy District,
Andhra Pradesh-501301

Subject: Accreditation status of programs applied by Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301.

Sir,

This has reference to your application I.D. Nos. **5431-16/03/2021** and **5780-01/07/2021** seeking accreditation by National Board of Accreditation to UG Engineering programs applied by **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301.**

2. An Expert Team conducted onsite evaluation of the programs from **12th-14th August, 2022**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program (s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	**Electronics & Communication Engineering**	Tier-I January, 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	**Electrical & Electronics Engineering**		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301** should submit the Compliance Report for these programmes at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

Contin./-

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
Website: http://www.nbaind.org |Email:membersecretary@nbaind.org

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. The copies of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy of Reports of the Experts of Visiting Team.

Copy to:

1. The Registrar
Jawaharlal Nehru Technological University, Hyderabad
Ashok Nagar, Kukatpally Housing Board Colony,
Kukatpally, Hyderabad, Telangana 500085

2. The Directorate of Technical Education
2nd Floor, Vidya Bhavan, Opp. to Latha Talkies,
Nampally, Hyderabad - 500 001

3. Accreditation File

4. Master Accreditation file of the State

GCET/01/2022-23, Dt. 04-01-2023

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

To EEE/Head, CSE/Dean, SCSE/ Dean, Acad/Registrar/ Head, ECE

Sir 04/01/23.

File No. 11-145-2010-NBA **Date: 29-12-2022**

To,
The Principal
Geethanjali College of Engineering and Technology
Sy No. 33 & 34, Cheeryal (V), Keesara (M)
Rangareddy District,
Andhra Pradesh-501301

Subject: Accreditation status of program applied by Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301.

Sir,

This has reference to your application I.D. No. **5447-18/03/2021** seeking accreditation by National Board of Accreditation to UG Engineering programs including UG Computer Science & Engineering program applied by **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301.**

2. The UG Computer Science & Engineering program was awarded accreditation status "Not Accredited" vide NBA's letter of even No. dated 19th October, 2022. Subsequently it has been found that the accreditation status "Not Accredited" was granted due to technical oversight while perusing the Expert Team Report and the marks/ Grades awarded. Therefore, on perusal of the Expert Team Report by the concerned Committee constituted for the purpose in NBA, the Competent Authority in NBA, in supersession of NBA's letter of even No. dated 19th October, 2022, has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program (s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	**Computer Science & Engineering**	Tier-I January, 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for 3 years. **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301** should submit the Compliance Report for this program at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to **Geethanjali College of Engineering and Technology Sy No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, Andhra Pradesh-501301** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Contin./-

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Website: http://www.nbaind.org |Email:membersecretary@nbaind.org

6. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team (Evaluation of the program) and Evaluators' Report (Criteria 1) in respect of the above program is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team. (Evaluation of the program
2. Copy of Expert Report of Visiting Team. (Criteria 1)

Copy to:

1. The Registrar,
   Jawaharlal Nehru Technological University, Hyderabad
   Kukatpally, Hyderabad-500 085, Telangana, India
2. Director Technical Education
   2nd Floor, Vidya Bhavan, Opp. to Latha Talkies,
   Nampally, Hyderabad - 500 001.
3. Accreditation File
4. Master Accreditation file of the State

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड़, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003

File No: 11-145-2010-NBA **Date: 03-01-2022**

To,

The Principal
Geethanajali College of Engineering & Technology,
SY No. 33 & 34, Cheeryal (V), Keesara (M),
Rangareddy District, AP-501301

Subject: Accreditation status of programs applied by Geethanajali College of Engineering & Technology, SY No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, AP-501301.

Sir,

This has reference to your application I.D. No. **4369-28/11/2019** seeking accreditation by National Board of Accreditation to UG Engineering programs (Tier II) offered by **Geethanajali College of Engineering & Technology, SY No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, AP-501301.**

2. An Expert Team conducted onsite evaluation of the program from **29th-31st October, 2021**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	**Civil Engineering**	Tier-II June, 2015 Document	Accredited	Academic Years 2021-2022 to 2023-2024 i.e. Up to 30-06-2024	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for 3 years. **Geethanajali College of Engineering & Technology, SY No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, AP-501301** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to **Geethanajali College of Engineering & Technology, SY No. 33 & 34, Cheeryal (V), Keesara (M) Rangareddy District, AP-501301** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

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6. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above program is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar
Jawaharlal Nehru Technological University, Hyderabad
Ashok Nagar, Kukatpally Housing Board Colony,
Kukatpally, Hyderabad, Telangana 500085

2. The Directorate of Technical Education
2nd Floor, Vidya Bhavan, Opp. to Latha Talkies,
Nampally, Hyderabad - 500 001

3. Accreditation File

4. Master Accreditation file of the State

NAAC Accreditation Status		
1	Accredited	**A+** **Valid up to 20th September 2027**
2	Applied for Accreditation	
	A. Applied but Visit not happened	
	B. Visit happened but result awaited	
3	Not Applied	

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
is pleased to declare
Geethanjali College of Engineering and Technology (Autonomous)
Vill. Cheeryal, Dist. Medchal, Hyderabad, affiliated to
Jawaharlal Nehru Technological University, Hyderabad, Telangana as
Accredited
with CGPA of 3.27 on four point scale
at A+ grade
valid up to September 20, 2027

Date : September 21, 2022

Director

EC(SC)/124/2nd Cycle/TSCOGN23593

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Geethanjali College of Engineering and Technology (Autonomous)

Place : Vill. Cheeryal, Dist. Medchal, Hyderabad, Telangana

Criteria	*Weightage (W_i)*	*Criterion-wise Weighted Grade Point ($Cr\,WGP_i$)*	*Criterion-wise Grade Point Averages ($Cr\,WGP_i / W_i$)*
I. Curricular Aspects	150	570	3.80
II. Teaching-Learning and Evaluation	300	864	2.88
III. Research, Innovations and Extension	142	453	3.19
IV. Infrastructure and Learning Resources	100	357	3.57
V. Student Support and Progression	095	284	2.99
VI. Governance, Leadership & Management	090	330	3.67
VII. Institutional Values and Best Practices	100	332	3.32
Total	$\sum_{i=1}^{7} w_i = 977$	$\sum_{i=1}^{7} (Cr\,WGP_i) = 3190$	

$$\textit{Institutional CGPA} = \frac{\sum_{i=1}^{7} (Cr\,WGP_i)}{\sum_{i=1}^{7} W_i} = \frac{3190}{977} = \boxed{3.27}$$

Grade = $\boxed{A^{+}}$

Date : September 21, 2022

Director

- **This certification is valid for a period of *Five* years with effect from September 21, 2022**
- **An institutional CGPA on four point scale in the range of 3.51 - 4.00 denotes A^{++} grade, 3.26 - 3.50 denotes A^{+} grade, 3.01 - 3.25 denotes A grade, 2.76 - 3.00 denotes B^{++} grade, 2.51 - 2.75 denotes B^{+} grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade**
- **Scores rounded off to the nearest integer**

EC(SC)/124/2nd Cycle/TSCOGN23593

6.3 **The Details of the each approved programmes are as follows:-**

Programmes	**Name of the course**	**No. of Seats 2024-2025**	**Duration in years**	**Convenor fee 2024-2025**	**Admitted Cut of Rank Details 2024-2025**
UG - B.Tech.	Computer Science & Engineering	480	4	1,20,000	As per Annexure -5
	Computer Science & Engineering (AI&ML)	240			
	Computer Science & Engineering (Data Science)	180			
	Computer Science & Engineering (Cyber Security)	180			
	Electronics & Communication Engineering	120			
	Electrical & Electronics Engineering	60			
	Mechanical Engineering	30			
	Civil Engineering	30			
PG M.Tech.	Computer Science & Engineering	18	2	65,000	
MBA	Master of Business Administration	60	2	42,000	

7. Faculty

- Permanent Faculty : 341
- Adjunct Faculty : 02
- Permanent faculty to student ratio : 1:14
- No. of Ph.Ds : 98

Course/Branch wise list of Faculty Members:

STAFF DATA AS ON AUGUST – 2024

S. No.	Name of Teacher	Faculty /discipline	Department	Qualification		
1	Dr. S. Udaya Kumar	Principal & Professor	CSE	BE (ECE)	ME (ECE), M.Tech. (Hons.) Info.Eng.	Ph.D (CSE, Cryptography)
2	Dr. A. Sri Lakshmi	Professor and HoD	CSE	B.Tech. (CSE)	M.Tech. (CSE)	Ph.D
3	Dr. K. Srinivas	Professor & HoD, IT & CSE (IoT)	CSE	B.E (CSE)	M.Tech. (CS)	Ph.D
4	Dr. B. V. Swathi	Professor & Dean, Training for Professional & Career Development	CSE	B.Sc (MPC)	M.Sc, & M.Tech. (CS)	Ph.D
5	Dr. A. Hari Prasad Reddy	Associate Professor	CSE	B.Tech. (CSE)	M.Tech (IT)	Ph.D
6	Dr. Puja S Prasad	Associate Professor & Assoc. Dean, Center for Computing Facilities	CSE	B.Sc	M CA M.Tech. (SE)	Ph. D
7	Dr. K. Raghu	Associate Professor	CSE	B.Tech.	M.Tech.	Ph.D
8	Dr. R. V. Sudhakar	Associate Professor	CSE	B.Tech	M.Tech. (SE)	Ph.D
9	Dr. Neha Nandal	Associate Professor	CSE	B.Tech.	M.Tech.	Ph.D
10	Dr. Madhuri Gupta	Associate Professor	CSE	B.E (CSE)	M.Tech. (CS)	Ph.D
11	Dr. K. Srinivasa Reddy	Associate Professor	CSE	B.Tech.	M.Tech. (SE)	Ph.D
12	V. Shivanarayana Reddy	Sr. Assistant Professor	CSE	B.Tech (CS&IT)	M.Tech (CS)	-
13	D. Venkateswarlu	Sr. Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CS)	-
14	M. Srinivas	Sr. Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
15	J. Sudhakar	Sr. Assistant Professor	CSE	B.Tech.	M.Tech. (SE)	-

16	Y. Siva	Sr. Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CST)	-
17	E. Mahender	Sr. Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (SE)	-
18	S. Radha	Sr. Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
19	G. Praveen Kumar	Sr. Assistant Professor	CSE	B.Sc (MPCS)	M.Tech. (CSE) M.SC(CS)	-
20	G. Uma Devi	Sr. Assistant Professor	CSE	B.Sc	M.Tech. (CSE), MCA	-
21	S. Durga Prasad	Sr. Assistant Professor	CSE	B.Tech	M.Tech. (Parallel Computing)	-
22	G. Krishna Lava Kumar	Sr. Assistant Professor	CSE	B.Tech.	M.Tech.(C S)	-
23	MD. Naseeruddin	Sr. Assistant Professor	CSE	B.Sc	MCA, M.Tech.	-
24	A. Durga Pavani	Sr. Assistant Professor	CSE	BCA	M.Sc, M.Tech.	-
25	G. Niveditha	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CS)	-
26	K. Srinivas	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
27	B. Mamatha	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
28	J. Meena Sravanthi	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
29	G. Udaya Sri	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
30	S. L. Anusha	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
31	M. Vishwashanthi	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
32	K. Durga Kalyani	Assistant Professor	CSE	B.Tech. (CS&IT)	M.Tech. (SE)	-
33	A. Chandrakala	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
34	P. Chandra Sekhar Reddy	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-
35	G. Santhoshi	Assistant Professor	CSE	B.Tech.	M.Tech.	-
36	A. Abhilasha	Assistant Professor	CSE	B.Tech.	M.E (CSE)	-
37	P. Deeplaxmi	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-

38	K Vaghdevi	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-
39	M. Akhila	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-
40	P. Krishna Rao	Assistant Professor	CSE	B.Tech	M.Tech. (CS)	-
41	T. Rakesh Kumar	Assistant Professor	CSE	B.Tech.	M.Tech. (SE)	-
42	T. Sudha Rani	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
43	Ch. Shailender Kumar	Assistant Professor	CSE	B.Tech. ((IS&T)	M.Tech. (CSE)	-
44	E. Vijaya	Assistant Professor	CSE	B.Tech	M.Tech. And FET	-
45	R. Sukruta	Assistant Professor	CSE	B.Tech. (IT)	M.Tech. (CSE)	-
46	T. Neelima	Assistant Professor	CSE	B.Sc	M.Tech. MCA	-
47	M. Sandhya	Assistant Professor	CSE	B.Tech.	M.Tech (CSE)	-
48	D. Jeevan	Assistant Professor	CSE	B.Sc	M.Sc, M.Tech.	-
49	A. Srinivasa Rao	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-
50	G. Anusha	Assistant Professor	CSE	B.Tech. (IT)	M.Tech. (CSE)	-
51	Channaveeryya	Assistant Professor	CSE	B.E (CSE)	M.Tech. (CNE)	-
52	A. Rahul	Assistant Professor	CSE	B.Tech.	M.Tech. (CSIT)	-
53	Sonam Marathe	Assistant Professor	CSE	B.Tech. (IT)	M.Tech. (CSE)	-
54	M. Swapna Rani	Assistant Professor	CSE	BE (CSE)	M.Tech. (IT)	-
55	T. Jyotsna	Assistant Professor	CSE	B.tech. (CSIT)	M.Tech. (CSE)	-
56	Manjusha PV	Assistant Professor	CSE	B.Tech (CSE)	M.Tech (CSE)	-
57	M. Vijay Bhasker Reddy	Sr. Assistant Professor & Incharge Computing Center	CSE	B.Tech. (CSIT)	M.E. (CSE)	-
58	P. Lalitha	Sr. Assistant Professor	CSE	B.Sc	M.CA & M.Tech.	-
59	Sudha Singaraju	Sr. Assistant Professor	CSE	B.Sc	M.CA & M.Tech. (CSE)	-

60	B. Neeraja	Assistant Professor	CSE	B.Tech.	M.Tech. (CSE)	-
61	D. Savithri Viswa Jyothi	Assistant Professor	CSE	B.Tech.	M.Tech. (SE)	-
62	B. Ramavath	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CS)	-
63	K Prathima	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
64	P. Sobha Rani	Assistant Professor	CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
65	Bh. Bhujanga Reddy	Assistant Professor	CSE	B.Sc.	M.Sc, M.Tech.	-
66	D. Bheekya	Assistant Professor	CSE	BE	M.Tech. (CSE)	-
67	M. Prashanth	Assistant Professor	CSE (IoT)	B. Tech.	M.Tech. (CSE)	-
68	A. Shiva Jyothi	Assistant Professor	CSE (IoT)	B.Tech.	M.Tech. (CSE)	-
69	K. Ashwini	Assistant Professor	CSE (IoT)	B.Tech. (CSE)	M.Tech. (Software Tech.)	-
70	V. Sravanthi	Assistant Professor	CSE (IoT)	B.Tech (CSIT)	M.Tech. (CS)	-
71	P. Ushashree	Assistant Professor	CSE (IoT)	B.Tech.	M.Tech.	-
72	Dr. K. Kamakshaiah	Associate Professor	PG-CSE	B.Sc	M.Sc, M.Tech	Ph.D
73	Dr. Zubair Ali Ansari	Assistant Professor	PG-CSE	B.Sc	M.Tech., M.Sc	Ph.D
74	S. Ramanjaneyulu	Sr. Assistant Professor	PG-CSE	B.Tech. (IT)	M.Tech. (SE)	-
75	G Devi Bai	Assistant Professor	PG-CSE	B.Tech. (CSE)	M.Tech. (CSE)	-
76	Dr. V. Madhusudan Rao	Professor & Dean-School of Computer Science and Informatics	CSE (AI&ML)	BE (CE)	M.Tech. (C.S) and M.S (SE)	Ph.D
77	Dr. L.Venkateswarlu	Professor & HoD	CSE (AI&ML)	B.Sc	MCA, M.Tech.	Ph.D
78	Dr. G. Bindu Madhavi	Associate Professor & Assoc. Dean, Cy. Security Cell	CSE (AI&ML)	B.Sc	M.Tech. MCA	Ph.D
79	Dr. K. Arpitha	Associate Professor	CSE (AI&ML)	B.Sc	MCA, M.Tech.	Ph.D
80	Dr. P V Shalini	Associate Professor	CSE (AI&ML)	B.E (CSE)	M.Tech. (CSE)	Ph.D
81	Dr. K. Pranitha Kumari	Associate Professor	CSE (AI&ML)	B.Tech.	M.Tech. (CSE)	Ph.D

82	G Vedavyas	Sr. Assistant Professor	CSE (AI&ML)	BE (Chemical)	M.Tech. (CS &Tec.)	-
83	Shaik Akbar	Sr. Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech. (AI)	-
84	K. Siva Rama Krishna	Sr. Assistant Professor	CSE (AI&ML)	B.Sc	M.Tech. (CSE), M.Sc	-
85	Dr. B. Adithya	Sr. Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech. (IT)	Ph.D
86	K. Naresh Babu	Sr. Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech. (CS)	-
87	Prasada. Preethi	Sr. Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech. (Comp. Eng.)	-
88	K. Padmaja	Sr. Assistant Professor	CSE (AI&ML)	B.Sc	M.Tech MCA	-
89	P. Aparna	Sr. Assistant Professor	CSE (AI&ML)	B.Sc	M.Tech. CSE) MCA	-
90	M. Gayatrri	Sr. Assistant Professor	CSE (AI&ML)	BA (Maths)	ALCCS & MCA	-
91	M. Suresh Babu	Sr. Assistant Professor	CSE (AI&ML)	BE	M.Tech. (CSE)	-
92	M. Siva Prasad	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech.	-
93	E. Swapna	Assistant Professor	CSE (AI&ML)	B.Tech. (CSE)	M.Tech. (CSE)	-
94	D. Aparna	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech. (CSE)	-
95	G. Ashok	Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech (SE)	-
96	T. Santhosha	Assistant Professor	CSE (AI&ML)	B.Tech. (CSE)	M.Tech. (CSE)	-
97	Ch. Nageswara Rao	Assistant Professor	CSE (AI&ML)	B. Tech. (CSE)	M.Tech. (CSE)	-
98	H V Ramana Rao	Assistant Professor	CSE (AI&ML)	B.Tech. (CSIT)	M.Tech. (CSE)	-
99	E. Pravalika	Assistant Professor	CSE (AI&ML)	B.Tech. (CSE)	M.Tech. (CSE)	-
100	N. Poornachandra Rao	Assistant Professor	CSE (AI&ML)	B.Tech. (CSIT)	M.Tech. (SE)	-
101	M. Supriya	Assistant Professor	CSE (AI&ML)	B.Tech. (CSE)	M.Tech. (CSE)	-
102	T. Kranthika	Assistant Professor	CSE (AI&ML)	B.Tech. (CSIT)	M.Tech. (SE)	-
103	P. Swathi	Assistant Professor	CSE (AI&ML)	B.Tech. (IT)	M.Tech. (CSE)	-

104	T. Srujana	Assistant Professor	CSE (AI&ML)	B.Tech (CSE)	M.Tech. (CSE)	-
105	K. Priyanka	Assistant Professor	CSE (AI&ML)	B.Tech (CSE)	M.Tech. (CSE)	-
106	V A Prem Kumar	Assistant Professor	CSE (AI&ML)	B.Com,	MCA, M.Tech. (CSE)	-
107	Ch. Naveen Kumar Reddy	Assistant Professor	CSE (AI&ML)	B.Sc	MCA M.Tech.	-
108	B. Sandhya	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech. (Software Engineering)	-
109	J. Jeevitha	Assistant Professor	CSE (AI&ML)	B.Tech. (Inf.Sci.& Eng.)	M.Tech. CSE	-
110	K. Swaroopa	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech (CSE)	-
111	B. Nagamani	Assistant Professor	CSE (AI&ML)	B.Tech	M.Tech. (CSE)	-
112	B. Srivani	Assistant Professor	CSE (AI&ML)	B.Tech. (CSE)	M.Tech. (CSE)	-
113	G. Ramakrishna	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech. (CSE)	-
114	G. Venu Gopal	Assistant Professor	CSE (AI&ML)	B.Tech.	M.Tech. (CS) NET	-
115	Dr. G. Kalyani	HoD & Associate Professor	CSE (CS)	B.Tech.	M.Tech.	Ph.D
116	Dr. G. Lokeshwari	Associate Professor	CSE (CS)	B.E (CS)	M.Tech. (CS), MBA	Ph.D
117	Dr. Shraban Kumar Apet	Associate Professor	CSE (CS)	B.Tech.	M.Tech. (CSE)	Ph.D
118	Dr. K. Krishna Jyothi	Associate Professor & Charperson, CACG	CSE (CS)	B.Tech.	M.Tech.	Ph.D
119	Dr. M. Sreenu	Associate Professor	CSE (CS)	B.Tech.	M.Tech.	Ph.D
120	Chiranjeevi Phaneendra	Sr. Assistant Professor	CSE (CS)	B.Tech. (CSIT)	M.Tech.	-
121	K Bala Tripura Sundari	Sr. Assistant Professor	CSE (CS)	B.SC	MCA, M.Tech.	-
122	S. Spandana	Sr. Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (SE)	-
123	S. Vikram Sindhu	Sr. Assistant Professor	CSE (CS)	BE	M.Tech. (CNE)	-
124	K.Subhashini	Sr. Assistant Professor	CSE (CS)	B.Sc	M.Tech. (CSE) MCA	-

125	K. Adi Reddy	Assistant Professor	CSE (CS)	B.Tech.	M.Tech.	-
126	Shakira	Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (CSE)	-
127	G. Hima Bindu	Assistant Professor	CSE (CS)	B.Tech. (IT)	M.Tech. (CSE)	-
128	V. Soujenya	Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (CSE)	-
129	K. Nandini	Assistant Professor	CSE (CS)	B.Tech.	M.Tech.	-
130	N Yuvraj Dhanaji	Assistant Professor	CSE (CS)	BE (CSE)	M.Tech. (IT)	-
131	P. Swapna Shankar	Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (SE)	-
132	Abhijeet Kar	Assistant Professor	CSE (CS)	B.Tech. (IT)	M.Tech. CSE(CS)	-
133	V. Kavitha	Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (CSE)	-
134	M. Prajwala Priyanka	Assistant Professor	CSE (CS)	B.Tech.	M.Tech. (CSE)	-
135	P. Ramprasad	Assistant Professor	CSE (CS)	B.Tech. (IT)	M.Tech. (CSE)	
136	Dr. L. Kiran Kumar Reddy	HoD & Associate Professor	CSE (DS)	BE	M.Tech. (SE)	Ph.D
137	Dr. K. Ambedkar	Associate Professor	CSE (DS)	B.Sc	M.Tech . (IT)	Ph.D
138	Dr. A. Venkata Ramana	Associate Professor	CSE (DS)	B.Sc	M.Sc, M.Tech	Ph.D
139	Dr. M Srinivas	Associate Professor	CSE (DS)	B.Tech. (ECE)	M.Tech. (CS)	Ph.D
140	T. Pandu Ranga	Sr. Assistant Professor	CSE (DS)	AME	M.Tech. (CSE)	-
141	S. Tirupathi Rao	Sr. Assistant Professor & Coord.- Internships	CSE (DS)	B.E (CE)	M.Tech. (CSE)	-
142	C. Suresh	Sr. Assistant Professor	CSE (DS)	BE	M.Tech. (CSE)	-
143	K. Gnana Mayuri	Sr. Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
144	G. Vijay Kumar	Sr. Assistant Professor	CSE (DS)	B.Tech.	M.Tech (CSE)	-
145	N. Krishnavardhan	Sr. Assistant Professor	CSE (DS)	B.Tech.	M.Tech.	-
146	M. V. Lavanya	Assistant Professor	CSE (DS)	B.Tech. (IT)	M.Tech. (SE)	-
147	P. Sangeetha	Assistant Professor	CSE (DS)	B.Tech.	M.Tech. (CSE)	-

148	N. Madhavi	Assistant Professor	CSE (DS)	B. Tech. (IT)	M.Tech. (CSE)	-
149	G. Rajasri	Assistant Professor	CSE (DS)	B.Sc	M.Tech., MCA	-
150	B. Venkateswarlu	Assistant Professor	CSE (DS)	B.Tech.	M.Tech. (CN&IS)	-
151	K Srilatha	Assistant Professor	CSE (DS)	B.Tech.	M.Tech. (SE)	-
152	K Laxmi	Assistant Professor	CSE (DS)	B.Tech.	M.Tech. (SE)	-
153	M. Anusha Sri	Assistant Professor	CSE (DS)	B.Tech.	M.Tech. (SE)	-
154	A Bixapathi	Assistant Professor	CSE (DS)	B.Tech. (IT)	M.Tech. (SE)	-
155	P. Shambhavi	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
156	G . Raga Mounika	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
157	Anshu Kunwar	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (DS)	-
158	K. Pitru Jyothi	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
159	A. Sneha	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
160	R. Rajashekhar	Assistant Professor	CSE (DS)	B.Tech. (CSE)	M.Tech. (CSE)	-
161	P. Ramya Krishna	Assistant Professor	CSE (IoT)	B.Tech. (CSE)	M.Tech. (SE)	-
162	O Lavanya	Assistant Professor	CSE (IoT)	B.Tech.	M.Tech. (CSE)	-
163	D. Sudheer Reddy	Assistant Professor	CSE (IoT)	B.Tech. (IT)	M.Tech. (CSE)	-
164	P. Rahul Das	Assistant Professor	CSE (IoT)	B.Tech.	M.Tech. (CSE)	-
165	M. Alphonsa	Assistant Professor	CSE (IoT)	B.Tech.	M.Tech. (CSE)	-
166	B. Nalini	Assistant Professor	CSE (IoT)	B.Tech. (IT)	M.Tech. (CSE)	-
167	M. Keerthi	Assistant Professor	CSE (IoT)	B.Tech. (IT)	M.Tech.	-
168	P. Manohar	Sr. Assistant Professor	IT	B.Tech.	M.Tech. MBA	-
169	N. Radhika Amareswari	Sr. Assistant Professor	IT	B.E. (IT)	M.Tech. (IP)	-
170	T. Neha Singh	Assistant Professor	IT	B.Tech. (IT)	M.Tech. (IT)	-

171	Dr. P. Vijai Bhaskar	Professor & Dean Academics	ECE	B.Tech.	M.Tech. (DS&CE)	Ph.D
172	Dr. P. Srihari	Professor & Dean, R&D	ECE	B.E	M.Tech. (DS&CE)	Ph.D
173	Dr. G. Sreelakshmi	Associate Professor & HoD	ECE	B.Tech	M.E. (DS)	Ph.D
174	Dr. B. Leelaram Prakash	Professor & Additional Dean, IQAC	ECE	B.Tech.	ME (Ele. Int.)	Ph.D
175	Prof. B. Hari Kumar	Sr. Assistant Professor	ECE	BE	ME (ECE)	-
176	Prof. O. V. P.R. Siva Kumar	Sr. Assistant Professor	ECE	BE	ME (ECE)	-
177	Dr. V. Satya Srinivas	Assoc. Prof. & Asst. Dean-R&D	ECE	B.E	ME (ECE)	Ph.D
178	Dr. P.Sudhakar	Associate Professor	ECE	B.Tech	M.Tech (DE&CS)	Ph.D
179	Dr. U. Appalaraju	Associate Professor	ECE	AMIE	M.Tech (DSCE)	Ph.D
180	Dr. G. Vallathan	Associate Professor	ECE	B.Tech.	ME (AE)	Ph.D
181	Dr. Md. Shoukath Ali	Associate Professor	ECE	BE	ME (ECE-DS)	Ph.D
182	Dr. M. Jagan Mohana Rao	Associate Professor	ECE	B.Tech.	M.Tech. (DECS)	Ph.D
183	Dr. Y. Naga Lakshmi	Associate Professor	ECE	B.Tech.	M.Tech. (ES)	Ph.D
184	S.Jyothirmayee	Sr. Assistant Professor	ECE	B.E	M.Tech. (ES)	-
185	A. Shanker	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (SSP)	-
186	D. Venkata Rami Reddy	Sr. Assistant Professor	ECE	B.Tech.	M.E (DS)	-
187	B. Sreelatha	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI-SD)	-
188	R. Odaiah	Sr. Assistant Professor & Coordinator, NSS	ECE	B.E.	M.E. (SSP)	-
189	M. Laxmi	Sr. Assistant Professor	ECE	B.Tech	M.Tech. (ECE)	-
190	M. Sowjanya	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (DSCE)	-
191	J. Mrudula	Sr. Assistant Professor	ECE	B.Tech.	M.E (Ind.Ele.)	-
192	M. Uma Rani	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (DECS)	-
193	K. Victor	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (DC)	-

194	B. Ramu	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (S&SP)	-
195	VVSVS Ramachandram	Sr. Assistant Professor	ECE	B.Tech.	M.Tech. (VLSISD)	-
196	M. Chathar Singh	Assistant Professor	ECE	B.Tech	M.Tech. (VLSI-SD)	-
197	P. Chandra Prakash Reddy	Assistant Professor	ECE	B.Tech.	M.Tech. (ES)	-
198	B. Suneetha	Assistant Professor	ECE	B.Tech.	M.Tech. (DC)	-
199	M. Anand	Assistant Professor	ECE	B.Tech.	M.Tech. (ES)	-
200	V. Savithri Padmapriya	Assistant Professor	ECE	B.Tech.	M.Tech. (ECE)	-
201	G. Ramachandra Kumar	Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI SD)	-
202	B. Sumitra	Assistant Professor	ECE	B.Tech.	M.Tech. (ES)	-
203	D. Madhavi Latha	Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI-SD)	-
204	K. Mamatha	Assistant Professor	ECE	B.Tech.	M.Tech. (ECE)	-
205	N. Anjaneyulu	Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI-SD)	-
206	K. Rama Rao	Assistant Professor	ECE	B.Tech.	ME (CE)	-
207	G. Venkateshwarlu	Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI Design)	-
208	L. Uma Maheshwari	Assistant Professor	ECE	BE	ME (ES)	-
209	T. Venkata Chandra Shekar	Assistant Professor	ECE	AMIETE	M.Tech. (DSSP)	-
210	K. Satish Babu	Sr. Assistant Professor	ECE	BE	M.Tech. (DSCE)	-
211	A R L padmaja	Assistant Professor	ECE	B.Tech.	M.Tech. (ES)	-
212	N. Nagalakshumma	Assistant Professor	ECE	B.Tech.	M.Tech. (VLSI-SD)	-
213	D.Ramya	Assistant Professor	ECE	B.Tech.	M.Tech.(CESP)	-
214	Dr. M. Devaiah	Professor & Additional CoE,	ME	B.E	M. Tech. (Ind. Meta.)	Ph.D (ME)
215	Dr. R. Sudarshan	Associate Professor and HoD	ME	B.Tech.	M.Tech. (Prod. Eng.)	Ph.D
216	V. Krishna Reddy	Sr. Assistant Professor	ME	B.E	M.S	-

217	K. Jithendar Reddy	Sr. Assistant Professor	ME	B.Tech	M.Tech. (Ind. Metal.)	-
218	P. Sudheer Rao	Sr. Assistant Professor	ME	BE	M.Tech. (Thermal Eng.)	-
219	P. Laxmi Reddy	Sr. Assistant Professor	ME	B.E.	M.Tech (Thermal Eng.)	-
220	K. Venkatesh	Sr. Assistant Professor	ME	B.Tech.	M.Tech. (CAD/ CAM)	-
221	J Ashok Babu	Assistant Professor	ME	B.Tech.	M.Tech. (CAD/ CAM)	-
222	P. Sathish	Assistant Professor	ME	B.Tech.	M.Tech (MD)	-
223	B Bhavsingh	Assistant Professor	ME	B.Tech.	M.Tech.	-
224	P.V. R. Girish Kumar	Sr. Assistant Professor	ME	B.Tech.	M.Tech. (CAD/ CAM)	-
225	M. Ravi Kumar	Sr. Assistant Professor	ME	B.Tech.	M.Tech. (Thermal Eng.)	-
226	N. Venkateswarlu	Sr. Assistant Professor	ME	B.Tech.	M.Tech. (DPE)	-
227	R. Satya Mahipal Reddy	Assistant Professor	ME	B.Tech.	M.Tech. (AMS)	-
228	P. Sandeep Kumar	Assistant Professor	ME	B.Tech.	M.Tech. (CIDM)	-
229	A. Santhosh	Assistant Professor	ME	B.Tech.	M.Tech. (Machine Design)	-
230	P. Mahesh	Assistant Professor	ME	B.Tech.	M.Tech. (ED)	-
231	Ch. Praveen Shrinivas	Assistant Professor	ME	BE	M.Tech. (Thermal Sys. Des.)	-
232	Dr. R. Prasanna Kumar	Registrar, GCET , Professor & HoD,	CE	B. Tech.	ME (CE)	Ph.D
233	G. R. Ravinder Reddy	Sr. Assistant Professor	CE	B.Tech.	M.Tech. (Geotech. Eng.)	-
234	Dr. V. V Praveen Kumar	Associate Professor	CE	B.Tech.	M.Tech	Ph.D
235	V. Abdul Raffi	Sr. Assistant Professor & I/C HoD	CE	B.Tech.	M.E (Foundation Eng.)	-
236	V. Goutham	Sr. Assistant Professor	CE	B.Tech.	M.Tech. (Geomatics)	-

237	G. Raju	Assistant Professor	CE	B.Tech.	M.Tech. (Transport Eng.)	-
238	G. Sampath Kumar	Assistant Professor	CE	B.Tech.	M.Tech. (Structural Eng.)	-
239	D. Varun Kumar	Assistant Professor	CE	B.Tech.	M.Tech. (SE)	-
240	M. Srujan Kumar	Assistant Professor	CE	B.Tech.	ME (TE)	-
241	V. Navaneetha	Assistant Professor	CE	B.Tech.	M.Tech. (SE)	-
242	Reena Rana	Assistant Professor	CE	B.Tech.	M.Tech. (irrigation Water Man.)	-
243	P. Supriya	Assistant Professor	CE	B.Tech.	M.Tech. (Structural Eng.)	-
244	Dr. N. Mahendra	Assistant Professor	CE	B.Sc	M.Sc	Ph.D (Geology)
245	G.Vimala	Assistant Professor	CE	B.Tech.	M.E. (Structural Eng.)	-
246	N. Srikanth	Assistant Professor	CE	B.Tech.	M.Tech. (Structural Eng.)	-
247	Dr. D.Radhika	Professor & HoD.	EEE	B.Tech	M.Tech. (EPE)	Ph.D (EEE)
248	Dr. M. Aruna Bharathi	Professor & Dean, Center for Women in Engg.	EEE	B.Tech.	M.Tech.	Ph.D
249	Dr. P. Anil Kumar	Professor	EEE	B E	M.S (EE)	Ph.D (EE)
250	Dr. K. Chenchi Reddy	Associate Professor	EEE	B.Tech.	M.Tech. (PE)	Ph.D
251	G. Srikanth	Sr. Assistant Professor	EEE	B.Tech	M.Tech (PEID)	-
252	K.Mahender	Sr. Assistant Professor	EEE	B.Tech	M.Tech (PSE)	-
253	Voleti Padmaja	Sr. Assistant Professor	EEE	B.Tech	M.Tech. (PE)	-
254	Azra Zaineb	Sr. Assistant Professor	EEE	B.Tech	M.Tech. (EPS)	-
255	E. Hima Bindu	Sr. Assistant Professor	EEE	B.Tech.	M.Tech. (PE&ID)	-
256	Mulla Gouse Basha	Assistant Professor	EEE	B.Tech.	M.Tech. (EPS)	-
257	P. Vijay Shankar	Assistant Professor	EEE	B.Tech.	M.Tech. (ES)	-

258	P. Rajendar	Assistant Professor	EEE	BE	M.Tech. (PE)	-
259	J. Lingappa	Assistant Professor	EEE	B.Tech	M.Tech. (EPS)	-
260	Md. Hafeezuddin	Assistant Professor	EEE	B.Tech.	ME(Ind. Drives & Control)	-
261	S.Poornachander Rao	Sr. Assistant Professor	EEE	B.Tech.	M.Tech. (EPS)	-
262	K Murali	Assistant Professor	EEE	B.Tech.	M.Tech. (PE)	-
263	K. Nagaraju	Assistant Professor	EEE	B.Tech.	M.Tech. (EPS)	-
264	G. Bhagath	Assistant Professor	EEE	B.Tech.	M.Tech. (EPS) and NET	-
265	J. Kishore Babu	Assistant Professor	EEE	B.Tech	M.Tech	-
266	B. Srujana	Assistant Professor	EEE	B.Tech.	M.Tech. (PE)	-
267	Dr. G Neeraja Rani	Professor & HOD	S&H- Physics	B.Sc	M.Sc	Ph.D
268	Dr. A. S. Madhusudhan Rao	Professor & Dean, Stud. Affairs	S&H- Physics	B.Sc	M.Sc, M.Phil	Ph.D
269	Dr. J. Anjaiah	Professor & Assoc. Dean, Stud. Affairs	S&H- Physics	B.Sc	M.Sc	Ph.D
270	Dr. J. Shankar	Professor	S&H- Physics	B.Sc	M.Sc (Tech.)	Ph.D
271	Dr. B. Mamatha	Associate Professor	S&H- Physics	B.Sc	M.Sc	Ph.D
272	Dr. SK Mahammad Ali	Associate Professor	S&H- Physics	B.Sc	M.Sc	|Ph.D
273	Dr. P. Raju	Associate Professor	S&H- Physics	B. Sc	M.Sc	Ph.D
274	Dr. M. Kanaka Durga	Associate Professor	S&H- Physics	B.Sc	M.Sc	Ph.D
275	Dr. V. Manjula	Associate Professor	S&H- Physics	B.SC, B.Ed.	M.SC	Ph.D
276	Dr. P. Sakuntala	Associate Professor	S&H- Physics	B.Sc	M.Sc, M.Phil	Ph.D
277	Dr. S. Rajesham	Associate Professor	S&H- Physics	B.SC	M.Sc	Ph.D
278	Dr. V. Kamalaker	Associate Professor	S&H- Physics	B.Sc.	M.Sc.	Ph.D
279	Ch. Kalyani	Sr. Assistant Professor	S&H- Physics	B.Sc	M.Sc	-
280	A. Shiva Kumar	Sr. Assistant Professor	S&H- Physics	B.Ed.	M.Sc	-

281	T. V. Prashanthi	Assistant Professor	S&H- Physics	B.Sc, B.Ed	M.Sc	-
282	Dr. T. Suneetha	Assistant Professor	S&H- Physics	B.Sc	M.Sc, NET	Ph.D
283	Dr. Vemula. Suseela Triveni	Professor & Dean, WPC	S&H- Maths	B.Sc	M.Sc, M.Phil	Ph.D
284	Dr. G. Srinivas	Professor	S&H- Maths	B.Sc	M.Sc, Mphil	Ph.D
285	Dr. G. Murali	Professor	S&H- Maths	B.Sc, B.Ed	M.Sc, M.Phil	Ph.D
286	Dr. Subhadra Nemani	Professor & Assoc. Dean, R&D	S&H- Maths	B.Sc, B.Ed	M.Sc, M.Ed. M.Phil	Ph.D
287	Dr. SK Nuslin Bibi	Associate Professor	S&H- Maths	B.Sc	M.Sc	Ph.D
288	Dr. P. Rahira	Associate Professor	S&H- Maths	B.Sc	M.Sc	Ph.D
289	Dr. P. Sarada Devi	Associate Professor	S&H- Maths	B.Sc	M.Sc	Ph.D
290	Dr. A. Ramesh	Associate Professor	S&H- Maths	B.Sc, B.Ed	M.Sc, M.Phil	Ph.D
291	Dr. Hemantha Lakshmi M	Associate Professor	S&H- Maths	B.Sc	M.Sc	Ph.D
292	Dr. N. Nagi Reddy	Associate Professor	S&H- Maths	B.Sc	M.Sc	Ph.D
293	Dr. B. S. Surya Prabhavati	Assistant Professor	S&H- Maths	B. Sc	M.Sc	Ph.D
294	Dr. A. Srinivasulu	Assistant professor	S&H- Maths	B.Sc.	M.Sc	Ph.D
295	P. Kumar Swamy	Sr. Assistant Professor	S&H- Maths	B.Sc	M.Sc SET	-
296	G. Kalpana	Assistant Professor	S&H- Maths	B.Sc, B.Ed	M.Sc & SET	-
297	M. P. Molimol	Sr. Assistant Professor	S&H- Maths	B.Sc	M.Sc	-
298	Dr. S. Lalitha	Associate Professor	S&H- Maths	B.Sc	M.Sc, M. Phil	Ph.D
299	G. Durga Priyadarsini	Assistant Professor	S&H- Maths	B.A	M.Sc and SET	-
300	Dr. A Uma Devi	Professor & Dean, Centre for Student Activities	S&H- English	BA	MA, M.Phil	Ph.D
301	Dr. B. Nagamani	Professor & Dean Center for Soft Skills Development	S&H- English	BA	MA	Ph.D
302	Dr. K Yugandhar	Professor	S&H- English	BA	MA	Ph.D

303	Dr. Pramodini patnaik	Associate Professor	S&H- English	BA	MA	Ph.D
304	Dr. C. Goverdhan	Associate Professor	S&H- English	B.Sc	M.A.	Ph.D
305	Dr. K Shobha Rani	Associate Professor	S&H- English	B Com	M.A, M.Phil	Ph.D
306	P. Mercy Kavitha	Sr. Assistant Professor	S&H- English	B.Com B.Ed	M.A, TS-SET	-
307	D. Anuradha	Sr. Assistant Professor	S&H- English	B.Sc, B.Ed	M.A	-
308	Y Anil	Assistant Professor	S&H- English	B.Com, B.Ed	M.A, TS-SET	-
309	Md. Sabir Hussain	Assistant Professor	S&H- English	BA	M.A, AP-SET	-
310	Dr. Mudasir Ahmad Lone	Assistant Professor	S&H- English	BA	MA	Ph.D
311	R. Ramesh	Assistant Professor	S&H- English	BA	MA, TSSET	-
312	Dr. Imtiyaz Ahmad Dar	Assistant Professor	S&H- English	BA	MA	Ph.D
313	Mr. Sukanta Ghosh	Assistant Professor	S&H- English	BA	MA	-
314	Dr. K.Shasikala	Professor	S&H-Chemistry	B.Sc	M.Sc	Ph.D
315	Dr. J. V. Madhuri	Assoc. Professor, & Addl. Coor., IQAC	S&H-Chemistry	B.Sc	M.Sc	Ph.D
316	Dr. B. Srinu	Associate Professor	S&H-Chemistry	B.Sc	M.Sc	Ph.D
317	Dr. P. Sreedhar	Associate Professor	S&H-Chemistry	B.Ed	M.Sc.	Ph.D
318	Dr. K. Santosh Kumar	Assistant Professor	S&H-Chemistry	B.Sc	M.Sc NET	Ph.D
319	Dr. A. Anil Kumar	Assistant Professor	S&H-Chemistry	B.Sc	M.Sc NET	Ph.D
320	Dr. B. Susrutha	Assistant Professor	S&H-Chemistry	B.Sc	M.Sc	Ph.D
321	M. Murali	Assistant Professor	S&H-Chemistry	B.Sc	M.Sc	-
322	K. Swarupa	Sr. Assistant Professor	S&H-Chemistry	B.Sc, B.Ed	M.Sc. (Che.)	-
323	K. Sateesh	Assistant Professor	S&H-Chemistry	B.Sc, B.Ed	M.Sc	-
324	J. Bhargavi Lakshmi	Sr. Assistant Professor	S&H-Chemistry	B.Sc.,	M.Sc.	-
325	Dr. K. Kamalakar	Sr. Assistant Professor	S&H-Chemistry	B.Sc	M.Sc	Ph.D

326	Dr. M. Chenna Reddy	Sr. Asst. Prof.	FE-Chemistry	B.Sc	M.Sc	Ph.D
327	Dr. K. Srilakshmi	Assistant Professor	S&H-Chemistry	B.Sc	M.Sc, M.Tech.(Env. Man)	Ph.D
328	Dr. J. Pardha Saradhi	Professor & HoD	MBA	B.Com	MBA	Ph.D (Busi. Man.)
329	Dr. A. Sita Madhavi	Professor	MBA	B.Sc	MBA	Ph.D (Busi. Man)
330	K. Naupal Reddy	Sr. Assistant Professor	MBA	B.Com	MBA	-
331	K. Lavanya	Sr. Assistant Professor	MBA	B.Com	MBA	-
332	K. VijayaLakshmi	Assistant Professor	MBA	B.Sc	MBA	-
333	Shainaz Begum	Assistant Professor	MBA	BA	MBA	-
334	D. Keerthana	Assistant Professor	MBA	B.Com	MBA (Finance)	-
335	V. Shivani	Assistant Professor	MBA	B.Com	MBA (Finance)	-
336	K. Bhavana	Assistant Professor	MBA	B.Tech. (Elect. Inst.)	MBA (Hrman)	-
337	A. Sridivya	Assistant Professor	MBA	BA	MBA (HR)	-
338	V. Anusha	Assistant Professor	MBA	B.Com	MBA (HR)	-
339	A.I.Prasanth	Assistant Professor	MBA	B.B.M	MBA	-
340	G. Vijaya Lakshmi	Assistant Professor	MBA	B.A, B.Ed	MBA (HR, Mkt.)	-
341	V. Bhavani	Assistant Professor	MBA	B.Com	MBA (Finance)	-
342	Dr. M. Satyanarayana	Adjunct Professor	ECE	B.Sc	M.Tech.	Ph.D
343	Dr. D. P. Kothari	Adjunct Professor	EEE	B.E	ME	Ph.D

- **Number of faculty employed and left during the last three years**

Sl. No.	Academic year	Department	Joined Staff				Total	Relieved Staff				Total
			Prof.	Assoc. Prof.	Sr. Asst. Prof.	Asst. Prof.		Prof.	Assoc. Prof.	Sr. Asst. Prof.	Asst. Prof.	
1.	2023-24	ECE	-	-	-	-	-	1	-	-	4	**5**
		CSE	-	1	4	9	**14**	2	1	3	1	**7**
		CSE (AIML)	-	2	2	11	**15**	-	-	-	-	-
		CSE (DS)	-	2	-	6	**8**	-	-	-	-	-
		CSE (CS)	-	2	3	8	**13**	1	-	1	1	**3**
		CSE (IoT)	-	-	-	-	-	-	-	-	-	-
		IT	-	-	-	-	-	-	-	-	-	-
		EEE	-	-	-	2	2	-	-	-	1	**1**
		ME	-	1	-	-	1	2	-	1	2	**5**
		CE	-	-	-	1	1	-	-	-	2	**2**
		Physics	-	1	-	2	**3**	-	-	-	-	-
		Maths	3	1	-	4	**8**	1	2	-	-	**3**
		English	1	-	-	4	**5**	-	-	-	2	**2**
		Chemistry	-	-	2	-	**2**	1	-	-	1	**2**
		MBA	-	-	-	2	2	-	-	-	1	**1**
1.	2022-23	ECE	2	1		11	**14**	1	3		13	**17**
		CSE	1	1		9	**11**	-	2		15	**17**
		CSE (AIML)	-	5		7	**12**	-	1		2	**3**
		CSE (DS)	-	-		5	**5**	-	-		1	**1**
		CSE (CS)	1	1		1	**3**	-	-		2	**2**
		CSE (IoT)	-	-		1	**1**	-	-		4	**4**
		IT	-	-		-	-	-	-		2	**2**
		EEE	-	-		-	-	-	-		4	**4**
		ME	-	-		-	-	-	-		4	**4**
		CE	-	-		-	-	1	-		4	**5**
		Physics	1	-		1	**2**	-	1		-	**1**
		Maths	-	1		2	**3**	-	2		2	**4**

		English	-	1		1	**2**	-	-		1	**1**
		Chemistry	-	-		2	**2**	-	1		-	**1**
		MBA	-	-		-	-	-	1		3	**4**
2.	2021-22	ECE	-	-		16	**16**	2	3		8	**13**
		CSE	2	3		34	**39**	2	3		21	**26**
		CSE (AIML)	-	3		7	**10**	1	-		-	**1**
		CSE (DS)	1	2		4	**7**	1	-		-	**1**
		CSE (CS)	-	1		6	**7**	1	-		-	**1**
		CSE (IoT)	-	-		6	**6**	-	-		-	**-**
		IT	-	1		6	**7**	-	-		-	**-**
		EEE	-	-		7	**7**	-	-		4	**4**
		ME	-	-		10	**10**	-	1		8	**9**
		CE	-	-		7	**7**	-	3		4	**7**
		Physics	-	2		-	**2**	-	-		-	**-**
		Maths	-	2		3	**5**	-	2		1	**3**
		English	1	5		5	**11**	1	3		4	**8**
		Chemistry	-	1		3	**4**	-	1		-	**1**
		MBA	-	1		7	**8**	2	-		4	**6**

8. Profile of Vice Chancellor / Director / Principal /Faculty

➢ Profile of the Principal

Dr. Udaya Kumar Susarla

Principal, Geethanjali College of Engineering and Technology,
Formerly Principal, MVSR Engineering College, Nadergul, Hyderabad;
Formerly Deputy Director, SNIST;
Formerly Principal, Aurora's Engineering College, Bhongir**.**

Experience: Professional teaching experience of more than 39.6 years in New Zealand, Morocco, Ethiopia, and in India.

Qualifications:

- Doctor Philosophy (Computer Science and Engineering)**, Jawaharlal Nehru Technological University, Hyderabad.**
- Master of Technology (Hons.), Information Engineering, **Massey University, Palmerston North, New Zealand.**
- Master of Engineering (Electronics & Communication Engineering) **with specialization in** "Digital Systems"**, University College of Engineering, Osmania University, Hyderabad.**
- Bachelor of Engineering (Electronics & Communication Engineering), **University College of Engineering, Osmania University, Hyderabad.**
- Published **Fifty Two** research papers in **International Refereed Journals**.

- ***Reviewer for the following International journals:***

  - "Journal of Information Privacy and Security", USA
  - *"International Journal of Network Security", Taiwan.*
  - *"IAENG International Journal of Computer Science", Hong Kong.*
  - *Indian Journal of Science and Technology, India.*

- Research interests include "Cryptography, Image Processing, Genetic Algorithms, and Digital Testing".

- Two Research Scholars submitted their Doctoral Thesis.

- Two Research Scholars are actively working towards their Doctoral Program

- Adjudged as the Best Teacher in SNIST on more than five occasions.

- Teaching interests include "Data Communications, Computer Networks, Cryptography, Network Security, Switching Theory, Digital System Design, Computer Architecture, Operating Systems, and Electronic Circuits".

- Master Trainer for NBA on the new Outcome Based Accreditation.

FACULTY PROFILES:

Department Name	Profile Link
Civil Engineering	https://drive.google.com/drive/folders/1MEATd39ItgNpKZFfqStYkgJTc92v-3YO?usp=sharing
Computer Science and Engineering	
CSE (Artificial Intelligence & Machine Learning)	
CSE (Data Science)	
CSE (Cyber Security)	
CSE (Internet of Things)	
Information Technology	
Electronics and Comminication Enginering	

	Electrical and Electronics Engineering	
	Mechanical Engineering	
	Freshman Engineering	
	Master of Business Administration	

9. FEE

Details of Fee, as approved by State Fee Committee, for the Institution

Fee approved by AFRC:-

- B.Tech. programme Rs. 1,02,000/-
- M.Tech. Programme Rs. 65,000/-
- MBA Programme Rs. 42,000/-

Time schedule for payment of fee for the entire programme:- At the time of admission.

No. of Fee waivers granted with amount and name of students:- NIL

Number of scholarship offered by the institute, duration and amount:-

Academic year 2019-20 merit scholarship of an amount Rs.10,000/- each is awarded for ___ students from B.Tech. (ECE, CSE, EEE, ME & CE) of I, II, III, IV Year and MBA students.

Criteria for fee waivers/scholarship	:	Not Applicable
Estimated cost of Boarding and Lodging in Hostels	:	Yes hostel facility
Any other fee please specify	**:**	Transportation fee

10. ADMISSION

- **Number of seats sanctioned with the year of approval**.

Sanctioned for the Academic year	Under Graduate (B.Tech.)										Post Graduate		
	CSE	ECE	EEE	IT	MECH	CIVIL	CSE-AI& ML)	CSE-Data Science	CSE Cyber Security	CSE -IoT	MCA	MBA	M.Tech
2005-06	60	60	60	60	-	-					-	-	-
2006-07	60	60	60	60	-	-						60	-
2007-08	120	120	60	60	-	-					60	60	-
2008-09	120	120	60	120	-	-					60	60	-
2009-10	120	120	60	120	-	-					60	60	-
2010-11	120	120	60	120	-	-					60	60	36
2011-12	120	120	60	120	60	-					60	60	54
2012-13	180	180	60	120	60	-					-	60	90
2013-14	240	240	60	120	120	-					-	60	150
2014-15	240	240	60	-	120	120					-	60	168
2015-16	240	240	60	-	120	120					-	60	96
2016-17	240	240	120	-	120	120					-	60	96
2017-18	240	240	120	-	120	120					-	60	30
2018-19	240	240	120	-	120	120					-	60	30
2019-20	240	240	120	60	120	120					-	60	30
2020-21	240	240	60	60	60	60	60	60	60	60	-	60	18
2021-22	240	240	60	60	60	60	180	60	60	60	-	60	18
2022-23	300	180	60	0	60	60	180	120	60	60	-	60	18
2023-24	300	180	60	0	30	30	240	180	180	0	-	60	18
2024-25	480	120	60	0	30	30	240	180	180	0	-	60	18

- **Number of M.Tech. seats sanctioned with the year of approval**

Sanctioned for the Academic year	Post Graduate (M.Tech.)							
	ES	ECE	CSE	SE	VLSI-DS	CS	MD	PE
2010-11	18	18	-					
2011-12	18	18	18					
2012-13	18	18	18	18	18			
2013-14	30	18	30	18	18	18	18	
2014-15	30	18	30	18	18	18	18	18
2015-16	30	18	30	18	18	18	18	18
2016-17	30	-	30	-	18	-	-	18
2017-18	-	-	30	-	-	-	-	-
2018-19	-	-	30	-	-	-	-	-
2019-20	-	-	30	-	-	-	-	-
2020-21	-	-	18	-	-	-	-	-
2021-22	-	-	18	-	-	-	-	-
2022-23	-	-	18	-	-	-	-	-
2023-24	-	-	18	-	-	-	-	-
2024-25	-	-	18	-	-	-	-	-

- **Number of students admitted under various categories each year in B.Tech., MBA**
  COLLEGE IS ESTABLISHED DURING THE ACADEMIC YEAR 2005-06.

Year of Admission	CSE		CSE-AI&ML		CSE-DS		CSE-Cyber Security		CSE-IOT		ECE		EEE		IT		MECH.		CIVIL		MCA		MBA	
	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ
2005-06	51	9									51	9	NIL		40	9					-	-	-	-
2006-07	48	12									48	12	47	12	48	12							47	12
2007-08	93	27									93	27	44	12	47	13					46	14	45	15
2008-09	90	30									90	30	45	15	90	30					44	16	45	15
2009-10	84	36									83	36	42	18	80	33					41	03	42	18
2010-11	84	36									84	36	42	18	83	36					34	02	41	18
2011-12	84	36									84	36	42	18	78	36	39	18			6	1	38	15
2012-13	122	52									126	54	42	13	82	34	41	17			-	-	38	7
2013-14	157	67									162	41	39	5	44	10	81	29			-	-	37	7
2014-15	161	71									163	71	33	07	-	-	64	30	59	17	-	-	35	18
2015-16	168	72									168	72	38	18	-	-	79	35	74	16	-	-	38	13
2016 -17	166	71									168	70	75	36	-	-	76	36	74	36	-	-	31	18
2017-18	168	71									166	72	73	35	-	-	81	36	83	36	-	-	42	18
2018-19	168	72									168	72	75	31	-	-	81	34	84	34	-	-	40	17

2019-20	168	72					168	72	73	13	42	18	66	14	69	22	-	-	42	18

Year of Admission	**CSE**		**CSE-AI&ML**		**CSE-DS**		**CSE-Cyber Security**		**CSE-IOT**		**ECE**		**EEE**		**IT**		**ME**		**CE**		**MBA**	
	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ
2020-2021	168	72	42	18	42	18	42	18	42	18	167	72	27	11	42	18	28	16	37	17	42	15
2021-2022	184	72	138	54	47	18	47	18	47	18	185	72	22	10	46	18	6	10	16	6	37	9
2022-2023	231	90	137	54	92	36	45	18	45	18	138	54	37	05	-	-	6	1	4	-	45	18
2023-2024	231	90	185	72	138	54	138	54	-	-	139	52	38	5	-	-	3	4	11	2	45	18
2024-2025	355	136	176	72	128	53	136	53	-	-	86	36	42	16	-	-	20	8	22	8		

- **Number of students admitted under various categories each year in M.Tech.**

Year of Admission	ECE		ES		VLSI		CSE		CS		SE		MD		PE	
	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ	CQ	MQ
2010-11	5	6	10	5	-	-	-	-	-	-	-	-	-	-	-	-
2011-12	7	-	11	5	-	-	12	6	-	-	-	-	-	-	-	-
2012-13	12	1	12	5	12	-	12	6	-	-	12	6	-	-	-	-
2013-14	13	3	19	8	13	5	21	2	13	-	11	-	12	1	-	-
2014-15	13	1	21	7	10	5	20	4	9	1	6	3	6	-	12	2
2015-16	-	-	8	1	5	-	12	3	-	-	-	-	-	-	8	1
2016-17	-	-	7	3	4	-	12	4	-	-	-	-	-	-	6	-
2017-18	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
2020-21	-	-	-	-	-	-	2	1	-	-	-	-	--	-	-	-
2021-22							-	-								
2022-23							-	-								
2023-24	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
2024-25																

- **Number of applications received during last two years for admission under Management Quota and number admitted:–**

Details	2023-2024	2024-2025
No. of applications received	383	346
No. of Admissions made	333	276

11. Admission Procedure

11.1 Mention the admission test being followed . name and address of the Test Agency/State Admission Authorities and URL (website) :-

Type of Test : EAMCET, ECET & ICET.

Test Agency : TELANGANA STATE COUNCIL OF HIGHER EDUCATION. URL : www.tsche.org

11.2 Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]

Details in section 10.2

11.3Calendar for admission against management/vacant seats :-

70% Seats are allotted through the entrance exams conducted by the State Government i.e., EAMCET, ICET & ECET and the remaining 30% seats are allotted by Management base on the merit of the students applied for management quota seats.

TSCHE on behalf of state Government of Telangana decides the schedule for conducting entrance exam for convener quota seats and announces the calendar for management quota seats. The seats allotted by the Management are scrutinized and approved by TSCHE and JNTU.

Last date of request for applications
Last date of submission of applications
Dates for announcing final results
Release of admission list (main list and waiting list shall be announced on the same day)
Date for acceptance by the Candidate (time given shall in no case be less than 15 days)
Last date for closing of admission
Starting of the Academic Session
The waiting list shall be activated only on the expiry of date of main list.
The policy of refumd of the Fee, in case of withdrawal, shall be clearly notified.

12. Criteria and Weightages for Admission

12.1 Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifiying examination etc.

As per the rank obtained in the EAMCET / ECET / ICET.

12.2 Mention the minimum level of acceptance, if any:

40 out of 160 marks in EAMCET conducted by State Government
60 out of 200 marks in ECET conducted by State Government
40 out of 160 marks in ICET conducted by State Government
This is amended time to time by the State Government.

In case of Management seats, the Government specified that the candidates shall qualify the EAMCET exam or obtain 50% marks in qualifying exam.

12.3 Mention the cut-off levels of percentage and percent ilescore of the candidates in the admission test for the last three years

12.4 Display marks scored in the Test etc. and in aggregate for all candidates who were admitted.

13. List of Applicatnts

1. List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management qupta seats (merit wise)

14. Results of admission Under Management seats/Vacant seats

15. Information of Infrastructure and Other Resources Available

1. Number of Class Rooms and size of each : 62 (Total 4696sqmtrs.)
2. Number of Tutorial rooms and size of each : 16 (996sqmtrs.)
3. Number of Laboratories and size of each : 90 (7416Sqmtrs)
4. Number of Drawing Halls with capacity of each : 02 (343Sqmtrs.)
5. Number of Computer Centres with capacity of each : 02 (326sqmtrs. Each 163)
6. Central Examination Facility, number of rooms and capacity of each :4 (280Sqmtrs)
7. Online examination facility (Number of Nodes, Internet bandwidth,etc.) :2400, 1000Mbps
8. Research Laboratores : 02 323Sqmtrs.
9. Language Laboratory : 02 137Sqmtrs.
10. Workshops : 02 521Sqmtrs.
11. Additional laboratories : 04 901Sqmtrs.
12. Barrier free Built Environment for disabled and elderly persons : YES
13. Occupancy Certificate : YES (Annexure-6)
14. Fire and Safety certificate : YES (Annexure-7)
15. Hostel Facilitie : Applicable

LIBRARY :-

Number of Library books/Titles/Journals available (Programme-wise) for the AY 2024-25

Courses	No. of Titles	No of Volumes	Journals	
			National	International
CSE	1710	11604	29	3
CSE (AIML)	260	1249	21	
CSE (DS)	131	557	19	
CSE (Cyber Sec.)	134	645	19	
CSE (IoT)	128	544	14	
ECE	1520	10290	20	-
EEE	1005	4209	17	-
ME	712	4222	12	-
CE	627	3704	12	-
IT	252	1198	06	-
MBA	975	5107	25	6
M.Tech.-CSE	659	1148	06	06
Total	**8113**	**44813**	**200**	**15**

List of online National/International Journals subscribed. : -IEEE-CSDL, DELNET, K.Hub, J-GATE, KNIMBUS, NLIST, INVENTI, MAT.

E-Library facilities : Available

Natilan Digital Library (NDL) subscription details :

NDLI club Pass key - 9a74502c-0739-42d5-a146-188c5dd131ad

NDLI Club Registration number - INTGNCMVMNYPEY5

LABORATORY AND WORKSHOP

List of Major Equipment / Facilities in each Laboratory / Workshop : ANNEXURE 1

List of Experimental Setup in each Laboratory / workshop : ANNEXURE 2

Computing Facilities:

Computer Facilities for the existing programme:

Particulars	Available	Specifications
No. of Computer terminals	2506	Computer Systems with i5/i3/Dual Core, 2GB/4GB/8GB/16GB RAM, 500GB/1TB HDD
No. of terminals of LAN	2506	Dlink/ Cisco/ Netgear
Relevant Legal Software	70	System Software - 20, Application Software-50
Peripheral(s) / Printers	90	Samsung/HP/Canon –Laserjet/Dot Matrix
Internet Accessibility (in mbps & hrs)	2GBPS / 24hrs	DVPL 1GBPS Act 1GBPS
Wi Fi connectivity to the campus	Yes	Reliance Jio and Standalone Access Points

Major software packages available**:** Microsoft Academic Alliance Kit (Including all major Operating Systems), Microsoft Office Suite, Ubuntu, Redhat Linux,R Studio, Hadoop, Python, Jupyter, Cognos, Ansys, Android Studio, Eclipse, MySql, StarUml, Cisco Packettracer, Cadence, MASM, TASM, Xilinx 9.2, Autocad, Creo, Keil, Multisim, KVan, Pspice, Pscad, ProE, Mx Roads, Scilab

Special purpose facilities available (Conducty of online Meetings/Webinars/Workshops,ect)
: YES (E-CLASS ROOM)
Facilities for conduct of classes /courses in online mode (Theory & Practical**) :**

Innovation Cell **: Yes**

Incubation Center:
Geethanjali College of Engineering is a member of Ministry of human Resource Development's (MHRD), Govt. of India's Institution Innovation council (IIC) and takes part in Atal Ranking of Institutions on Innovation Achievements (ARIIA). It is proud to have achieved a star grading of three out of five stars competing with NITs and IITs in the rankings awarded by the council, by doing activities prescribed by IIC to promote Innovation and start-up ecosystem in campus.

The incubation center has organized workshops on 'Design Thinking' by resource person identified by Telangana Academy for Skill Development, government of Telangana on 9th July 2019 for students of freshman engineering and repeated the same again on 3rd Oct 2019 for students of second and third years.

Another workshop on 'enhancing all career paths with entrepreneurship abilities" was held for students on 6th Sept 2019 by industry expert.

A workshop on 'Humanoid robotics' dated 8-10th Sept by Edux Labs from Haryana gave insights to students of GCET on design aspects of Humanoid Robots.

A national level 36 hour Hackathon was held in association with JNTUH'S J-Hub on 5-6th Jan 2019, where 99 teams had registered online, which included registrations from Tamil Nadu -1, Karnataka – 1, Andhra Pradesh – 3 and 27 from other nearby colleges. However, there were 56 teams that actually turned up to the event, of which there were 22 teams from other colleges of the state which also included one college from out of the state - Tamil Nadu. A two day boot camp workshops on Artificial Intelligence and Machine learning (AI-ML) and Internet of Things (IOTs) had helped students gain a competitive edge. Mr. Srinivas Pothapragada, serial entrepreneur and Venture Capitalist based in USA, graced the occasion as chief guest and opined that it is the person who has "identified a problem and proposes a solution" is the most important person in a society. Mentors and Judges from Engineering Staff College of India, Microsoft India, Wipro and Infosys motivated the students to take up Project based learning approach and distributed prizes to the winning teams.

Social Media Cell **: Yes**
Compliance of the Natinal Academic Depository (NAD), applicable to PGCM/PGDM institutions and Univeristy Departments **:** Not Applicable

List of facilities available :-

Games and Sports Facilities :- 6 play grounds available. Students playing daily outdoor games of Basketball, Volleyball, Throw ball, Cricket, Kabaddi, Cricket net practice pitches And Indoor games of Carroms, Table Tennis, Chess,etc.,

Extra Curriculum Activities :- In addition to the academic activities such as mini projects, paper Presentations, student seminars, number of other recreational activities are conducted through Fine Arts Club, Literary Club, Debating Club and Music Groups etc.,

Soft Skill Development Facilities: - **Soft Skills Centre**

About the centre:

The Centre for Soft Skills Development conducts activities to enhance leadership skills among the budding engineers. The activities are planned diligently to impart the much needed life skills. Students play and participate enthusiastically. The Centre plays a pivotal role in upskilling and reskilling. **'Enchanting Minds' a students' club was started under the aegis of the centre, which indeed is a notable achievement of the year 2018-2019.** Students conducted various activities both face to face and using technology.

ALFABETICA**2K19** as the name suggests is a conglomeration of various literary events that tests the creativity and oratory skills of the participants in addition to their knowledge in grammar and vocabulary. Five events were conducted in ELCS Lab, Block-II. All the events had three rounds. The five events conducted in succession are **Mind Crusadors, Alphagram, Know the Ropes, Puzzle Nintendo and Neogram.**

The events were planned and executed by the students with minimum guidance if required by the faculty coordinators allotted for each event. Prof. G. Karuna Kumari and Dr.J.V. Madhuri judged the events and finalized the winners. Every event was allotted 60 minutes and more than 50 students participated in every event. The events were interactive, enjoyable, and creative.

Dr. S. Mohnaraj, Retd. Professor, English and Foreign Languages University, Hyderabad explained the connection between numbers and alphabet with every day examples, with subtle humour. Dr. S. Mohanraj and Dr. G. Neeraja Rani, Convener, Head- Freshman Engineering Department congratulated all the participants and distributed prizes for the winners.

Skill Development Course-BEC:-

What is BEC?

BEC Course is a leading English language training course with a major footprint in imparting training of effective English Language Communication Skills on par with Cambridge University, U.K. We initiated this prestigious course in the year 2016. As a certified Examiner and Trainer from Cambridge University, U.K, the undersigned was entrusted with the responsibility of coordinator.

To state briefly, our college has tied-up with University of Cambridge ESOL Examinations as an authorized Examination center for the conduct of the BEC Exams. We make use of state-of-the-art training methodologies using concept based quality content teaching. We provide the training systematically. Students receive certificates, from University of Cambridge ESOL Examinations. This Certificate Course has 3 levels of pass grades, Preliminary, Vantage and Higher Levels. All the levels are equal to IELTS bands.

Need for starting BEC:

We aim to bridge the gap that exists between the skill-set required by the corporate world and the skills acquired by the students through the regular course of study, thereby facilitating substantial improvement in the employability of the students.

We make use of state-of-the-art training methodologies using concept based quality content teaching. After rigorous training of 6 months, a final Examination in all the four Skills, (LSRW) is conducted by the Cambridge University Examiners. The evaluation is also done by the Cambridge University. Students would receive certificates from the University of Cambridge ESOL Examinations, a lifelong valid Certificate. The Centre for the Exam is our College. Our college was awarded the **"Cambridge English Exam Center of the year"** in the year 2016. This is an achievement by itself.

Name of the Coordinator: Ms. G.Karuna Kumari, Professor of English.

Teaching Learning process:

The teaching learning process is effective as student centric methodology is being adopted. All the classrooms are provided with overhead projector facilities. Teachers are encouraged to use Audio Visual Aids so that the learning process is effective.

Curricula and syllabi for each of the programmes as approved by the University : being followed
Academic Calendar of the University **:** ANNEXURE -3
Academic Time Table with the name of the Faculty members handling the course:
As suggested by JNTU
Teaching Load of each Faculty: The faculty is given the teaching load as per the norms prescribed by JNTU.
Internal Continuous Evaluation System and place:

- Continuous Internal Evaluation and End Semester Examinations are components of evaluation
- Evaluation process is transparent and well defined with adequate redressal mechanism
- Examination process is still not fully automated

Limited faculty are involved in evaluation of answer sheets
Students' assessment of Faculty, System in place: Continuous Feed back is taken from the students periodically and faculty is advised to improve their performance to make the teaching – learning more effective

For each Post Graduate Courses give the following:

Title of the Course: MBA & M.Tech.

Curricula and syllabi:

Laboratory facilities exclusive to the post Graduate Course:

Contact address of co-ordinator of the PG programme of M.Tech.

Name : Mr. V. Shivanarayana Reddy
Address : Associate Professor, GCET
Telephone : 9182058179
E-mail : info@gcet.edu.in

Special Purpose

Software, all design tolls in case :

Academic Calendar and frame work :

16. Enrolment and placement details of students in the last 3 years

Placement Facilities

Department wise Campus placements in last three years with minimum salary, Maximum sarlary and Average salary.

Name of the course	2021-22 LPA	2022-23 LPA	2023-24 LPA	
B.Tech Computer Science & Engineering				
No of. Students placed	221	196	137	
Minimum Salary	2.00	2.05	2.20	
Maximum Salary	8.60	31	46	
Average salary	3.50	5.3	5.08	
B.Tech Information Technology				
No of. Students placed			41	
Minimum Salary			3	
Maximum Salary			10	
Average salary			5.19	
B.Tech Computer Science & Engineering (AI&ML)				
No of. Students placed			42	
Minimum Salary			3	
Maximum Salary			10	
Average salary			5.19	
B.Tech Computer Science & Engineering (DS)				
No of. Students placed			146	
Minimum Salary			3	
Maximum Salary			12	
Average salary			6.09	
B.Tech Computer Science & Engineering (CS)				
No of. Students placed			45	
Minimum Salary			2.5	
Maximum Salary			10	
Average salary			4.88	
B.Tech Computer Science & Engineering (IoT)				
No of. Students placed			32	
Minimum Salary			3.5	
Maximum Salary			10	
Average salary			5.18	
Name of the course	**2021-22**	**2022-23**	**2023-24**	

	LPA	LPA	LPA	
B.Tech. Electronics & Communication Engineering				
No of. Students placed	226	205	179	
Minimum Salary	2.00	1.92	2	
Maximum Salary	8.00	9.0	10	
Average salary	3.50	4.53	3.71	
B.Tech. Electrical & Electronics Engineering				
No of. Students placed	94	78	46	
Minimum Salary	2.00	2.4	9	
Maximum Salary	7.00	9.0	2	
Average salary	3.00	4.0	3.68	
B.Tech. Mechanical Engineering				
No of. Students placed	80	68	41	
Minimum Salary	1.80	1.92	5	
Maximum Salary	10.0	9	2.2	
Average salary		4.2	3.15	
B.Tech. Civil Engineering				
No of. Students placed	76	55	17	
Minimum Salary	1.92	2.5	2.4	
Maximum Salary	10.0	7.5	7	
Average salary	2.50	3.50	4.28	
M.Tech. Computer Science & Engineering				
No of. Students placed				
Minimum Salary		NIL		
Maximum Salary				
Average salary				
MBA				
No of. Students placed	17	13	36	
Minimum Salary	2.00	2.4	2	
Maximum Salary	7.00	7.5	5	
Average salary	3.30	5.03	3.19	

17. List of Research Projects / Consultancy Works :

- Number of Projects carried out, funding agency, Grants received :

PI name	Scheme	Cost (Rs.) in Lakh	Project title	Ref. no.	Status
PI: Udaya Kumar Susarla, Co-PI: OVPR Siva Kumar (Dept. of ECE)	ERIP/ER/1504754/M/01/1719, dt: 2nd April 2018 DRDO-CARS	45.81 Lakh	Development of Novel Carbon Nanotube/Polymer Nano composite Materials for EMI Applications	ERIP/ER/1504754/M/01/1719, dt: 2nd April 2018	On going
Dr S Udaya Kumar (**CSE**)	AICTE-AQUIS-Modrabs	15.462	*Establishment of IoT Lab*	1-4241506044	Subtd: Nov 2018 Approved **Ongoing**
Dr Subhash Kamal (Transferred from Mr Bura Srinivas) (**ME**)	AICTE-AQIS-SPDP	09.12	*Skill and personality development for SC/ST*	65-41/RIFD/SPDP Policy-1/2017-18	Subtd: 26-03-2019 Rrecd. 9,12,000. Ongoing still
Dr Viajai Bhaskar (**ECE**)	AQIS-STTP	05.00	*Advances in Wireless Technologies and Telecommunication*	1-4148986924	Completed
Dr Subhash Kamal (**ME**)	AQIS-MODROBS	09.39	*Modernization of Material and Metallurgy Laboratory*	1-4239134404	Subtd: 10-12-2018 **Approved** (Recd Rs 7,61,000). Ongoing still
Dr P Sudhakar (**S&H**)	TEQIP III	02.55	*Synthesis and anticancer activity of novel quinoxaline-2-carbohydrazide n-oxide derivatives*	JNTUH/TEQIPIII/CRS/2019/Chemistry/04	**Completed** (Rs 1.00 Lac recd.)
Dr K (**ECE**)	TEQIP III	02.90	*Speech enabled IVR-based online market place for farmers*	JNTUH/TEQIPIII/CRS/2019	**Completed** (PI Mr Srinivas, Srinidhi+JNTUH)

Dr K Shashikala (**FE**)	TEQIP III	02.50	*Synthesis and anticancer activity of novel quinoxaline-2-carbohydrazide n-oxide derivatives*	TEQUIP-III/JNTUH/2019/CHEMISTRY/04	**Completed** Rs.1,50,000/- received
Dr N. Subhadra (**FE**)	TEQIP III	02.0	*Peristaltic Transport of Nano fluids*	JNTUH/TEQIPIII/CRS/2019/mathematics/04	**Ongoing** Rs 1.50 L recd
Dr.R.S.Raju (**ECE**)	CONSULTANCY to VEM Technologies Pvt Ltd, Hyderabad	Rs 6.00 Lac/ annum	Development of Specific Microwave Tube for defence application	Started from Jan 2020	**completed**
Dr P Anil (**EEE**)	TEQIP III	02.5	*Introducing pulsatile flow through BLDC motor control for ventricular assist devices*	JNTUH/TEQIPIII/CRS/2019/EEE/05	**Completed** (Rs 1.00 Lac received).
Dr A Bharathi (**EEE**)	TEQIP III	02.7	*Deep learning based smart assisting for blind people*	JNTUH/TEQIPIII/CRS/2019/EEE/07	**Completed**
Dr Ramesh Babu (**CSE)**	TEQIP-III	02.9	*Machine Learning Approach For Plant Disease Identification using Leaf Images*	JNTUH/TEQIP-III/CRS/2019/CSE/07	**Completed**
P. Sudhakar (**ECE**)	Consultancy Project	Rs 4.0 Lakh/ annum	Development of electro optical product	Digantara Research and Technologies Pvt Ltd., Hyderabad	Offer letter dt: 12th May 2021 **On going**
Dr. V. Satya Srinivas (**ECE**)	DST-SERB	Rs.21.5 Lakh	Investigation of Linear combinations of GNSS measurements to mitigate the effect of Ionosphere and Multipath	Sep 2015- Mar 2019	**Completed.**

S.no	Title of the Paper	Journal Name	Name of the Faculty	ISSN	Scopus Index / SCI/UGC

- Publications (if any) out of research in last three years out of masters projects:

1	A Data Mining Approach to Crop Yield Prediction Using Machine Learning	Palarch's Journal Of Archaeology of Egypt/Egyptology	Dr.K. Kamakshaiah, B.Neeraja V. Shiva Narayana Reddy	ISSN 1567-214x. Volume 18, Issue 04 Page No's: 1608-1626 Feb 2021	SCOPUS
2	Digital Image Forgery Detection Using Super Pixel Segmentation And Hybrid Feature Point Mapping	European Journal of Molecular & Clinical Medicine	V. Shiva Narayana Reddy,K Vaghdevi Dr.K. Kamakshaiah	ISSN 2515-8260 Volume 08, Issue 02 Page No's:1485-1500 Feb 2021	SCOPUS
3	Occluded Facial Expression Recognition Using Alexnet,	Palarch's Journal Of Archaeology Of Egypt/Egyptology	Dr.K.Srinivas, T Swathi Dr.A.Hariprasad Reddy	ISSN 1567-214x. Volume 18, Issue 04 Page No's: 1570-1595 Feb 2021	SCOPUS
4	A Novel Satellite Image Segmentation Using Vggnet,	Palarch's Journal Of Archaeology Of Egypt/Egyptology	M.Srinivas, DV Shakira D.Venkateshwarlu	ISSN 1567-214x. Volume 18,Issue04 Page No's: 1596-1607 Feb 2021	SCOPUS
5	A Deep Learning approach forSemantic segmentation in BrainTumor Images	European Journal of Molecular & Clinical Medicine	Dr.A.Hari Prasad Reddy ,P.NandaSai, Dr.K.Srinivas	ISSN 2515-8260 Volume 08, Issue 02 Page No's: 1471-1484Feb 2021	SCOPUS
6	Advanced Efficient Energy Method Query Processing	International Journal of Recent Technology and Engineering	Dr K Srinivas V.ShivaNarayana Reddy	ISSN: 2278-3878 Volume-8 Issue-2 page Nos: 344-348 July 2019	SCOPUS
7	Recommendation of online Products Using Microblogging Information in Social Media	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Dr K Srinivas V.ShivaNarayanaReddy, B.Ramya	ISSN: 2278-3075 Volume-8, Issue-10 Page Nos: 473 – 477 August 2019	SCOPUS

8	Mobile Cloud Computing With Enhanced Protection And Data Distribution	International Journal of Electrical Components and Energy Conversion	N Mounika, A Hariprasad Reddy	Volume-5, Issue-2 Page Nos: 66-71 April 2019	SCOPUS

- Industry Linkage:

PI name	**Industry Linkage with**	**Project**	**Service Provider**	**Status**	Cost
Dr. R. S. Raju (**ECE**)	Bio Electrical and Energy Systems (BEES) , Hyderabad	Development of Alternative Energy Sources using Stored Waters for Local Power Generation	Mr. Lolla Srinivas Murthy, BEES	10/2/2018 – completed (1.5 year)	Rs. 7. 00 Lakh

- MoUs with Industries (Minimum 3 (10)):

CSE MoUs:

S.N.	**Name of Industry**	**Impact of Interaction**
1.	Project Based Learning Centre of Excellence (January 5,2020) (*at Institute Level*)	• Student-centred pedagogy that involves a dynamic classroom approach in which it is believed that students acquire a deeper knowledge through active exploration of real-world challenges and problems • Training to Faculty also.
2.	SmartBridge Educational services Pvt Ltd (December2,2019)	• Training to students for Internship and execution of Mini/Major Projects on various Trending Platforms. • Robotics Learning and Development centre

ECE MoUs:

S.N.	**Name of Industry**	**Impact of Interaction**
1.	VEM Technologies Pvt. Ltd., Hyderabad (vide their letter of agreement dated 14-11-2016)	• Consultancy services are rendered for design and development of a specific product for use in defence. GCET is earning revenue through these. • Guest lectures and hands-on training were provided by the industry to the department on

		ANSYS and HFSS. • Industrial visit by faculty. • Students are placed in the company.
2.	Datalog Controls and Solutions Private Limited, Hyderabad (vide their MoU dated 01-07-2019 valid for 3 years)	• Industrial visit by faculty and students. • A joint proposal was submitted to SERB, DST to work onLiO battery for use in Datalog's electric vehicle. • Opportunity to students for Internship and execution of • Mini/Major Projects.
3.	LED Chip Indus Private Limited, Hyderabad (vide their MoU dated 15-07-2019 valid for three years)	• Industrial visit by faculty and students. • Guest lecture by industry experts to students. • Opportunity to students for Internship and execution of Mini/Major Projects.
4.	Entuple Technologies Pvt. Ltd., Bangalore (vide their MOU dated 9th Aug. 2021),	• Skill enhancement, training, Internship and research in VLSI, RF and IOT Technology domains

ME MoUs:

S.N.	Name of Industry	Impact of Interaction
1.	AMZ Automotive	Training and placement, internship, industry visit, and any technical exchange or consultancy, etc.
2.	CANTER CADD	Training and placement, internship, industry visit, and any technical exchange or consultancy, etc.

CEMoUs:

S.N.	Name of Industry	Impact of Interaction
1.	Reliable Environmental Services on 07/02/2020	To serve as a basis frame work for the parties to processes "Water and waste water studies for the projects".

2.	THISA Consultancy LLP on 10/08/2019	For providing internships, workshops, project works, industrial visits, industrial training, consultancy works, feasibility and availability for industrial exposure to students and faculty.
3.	LSB Temerity Infra Private limited on 31/08/2019	For providing internships, workshops, project works, industrial visits, industrial training, consultancy works, feasibility and availability for industrial exposure to students and faculty.

EEE MoUs:

S.N.	Name of Industry	Impact of Interaction
1.	Datalog Controls and Solutions Private Limited, Hyderabad (vide their MoU dated 01-07-2019 valid for 3 years)	• Industrial visit by faculty and students. • A joint proposal was submitted to SERB, DST to work on LiO battery for use in Datalog's electric vehicle. • Opportunity to students for Internship and execution of Mini/Major Projects.
2.	CSIR – Indian Institute of Chemical Technology (IICT), Hyderabad (vide their MoU dated 29-03-2019)	• Opportunity to students for execution of Mini/Major Projects. • Industrial visit by faculty and students. • To utilize facilities for characterization of nano materials

18. LoA and Subsequent EoA till the current Academic Year:

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2024-25

Extension of Approval (EoA)

F.No. South-Central/1-43665036337/2024/EOA

Date of Approval: 08-May-2024

To,

The Principal Secretary
(Higher Education) Govt. of Telangana,
D Block, 117 Telangana Secretariat,
Hyderabad

Sub: Extension of Approval for the Academic Year 2024-25

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2024-25

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education), Powers delegated in AICTE ACT 1987, (No 52 of 1987) chapter II - u/s 2(g) to regulate Technical and subsequent Regulations of AICTE, I am directed to convey the approval to:

Permanent Id	1-5993199	**Application Id**	1-43665036337
Name of the Institution	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	**Name of the Society/Trust**	TEJA EDUCATIONAL SOCIETY
Institution Address	CHEERYAL VILLAGE, KEESARA MANDAL , RANGA REDDY DISTRICT, ANDHRA PRADESH., HYDERABAD, RANGAREDDI, Telangana, 501301	**Society/Trust Address**	,HYDERABAD,RANGAREDDI,Andhra Pradesh,500068
Institution Type	Private-Self Financing	**Region**	South-Central
Year of Establishment	2005		

To conduct following Programs/Courses with the Intake indicated below for the Academic Year 2024-25

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	30	30	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	300	480	No	No

Note: This is a Computer generated Report. No signature is required.

Printed By : ae2326431

Letter Printed On:9 May 2024

PRINCIPAL
Geethanjali College of Engeering and Technology
AUTONOMOUS
Cheeryal (V), Keesara (M), Medchal (D)
Telangana-501301

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2023-24	Intake Approved for 2024-25	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	JNTUH	180	180	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	JNTUH	180	180	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	JNTUH	240	240	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	60	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Jawaharlal Nehru Technological University, Hyderabad	180	120	No	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	30	30	No	No
POST GRADUATE	MANAGEMENT	MBA	Jawaharlal Nehru Technological University, Hyderabad	60	60	No	No
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	18	18	No	No

PRINCIPAL
Geethanjali College of Engeering and Technology
AUTONOMOUS
Cheeryal (V), Keesara (M), Medchal (D)
Telangana-501301

All AICTE approved Institutions are empowered to nurture ecosystems for Skilling (through Vocational courses) via making effective use of existing infrastructure facilities and human resources.

It is mandatory to comply with all the essential requirements as given in APH 2024-25 to 2027 (Chapter-VI)

Important Instructions

1. As per mandatory Disclosure of APH 2024-27(Annexure-18, page180) Institutions must disclose the following information submitted to Council at the Prominent location on its website.
   i. Department wise availability of Infrastructure along with approved courses and intake approved by the Council.
   ii. Faculty details: Department wise: Name& Designation of the faculty members/teaching staff along with their qualification, tenure of service in your organization, total experience, Institution should also disclose Student Faculty Ratio, Cadre Ratio.
   iii. Additionally Audited Financial Statements for last 3 Financial years.
2. Reservation Policy of the Central Government (including EWS) / Respective State Government/ UT as the case shall be applicable to all the Programmes. The concerned State Government/ UT Admission authority shall decide Modalities of Admission.
3. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2024-25 to 2027 for the Total Approved Intake.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the **Executive Council / General Council as available on the record of AICTE shall be final and binding.**
5. All AICTE institutions are highly encouraged to get NBA/NAAC accreditation. All eligible AICTE institutions are thoroughly encouraged to participate in NIRF ranking process.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.
7. AICTE Approved Institutes are encouraged to utilize SWAYAM PLUS Courses up-to 40%
8. Internship is mandatory for all admitted students.
9. AICTE Approved Institutes are encouraged to make efficient use of the flagship schemes like:
   a. Parakh: Student Gap analysis portal bases services.
   b. Students Scholarship schemes like Pragati, Saksham, Swanath, ADF, etc.
   c. Course in Indian Languages.
   d. ATAL FDPs: Faculty training for Emerging areas and cutting edge Technologies.
   e. Augmenting Utilization of Research Assets (AURA).
   f. Smart India Hackathon: World's largest Open Innovation Platform.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education**, Telangana**
2. **The Registrar**,**
   Jawaharlal Nehru Technological University, Hyderabad
3. **The Principal / Director,**
   GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

PRINCIPAL
Geethanjali College of Engeering and Technology
AUTONOMOUS
Cheeryal (V), Keesara (M), Medchal (D)
Telangana-501301

Cheeryal Village, Keesara Mandal , Ranga Reddy District, Andhra Pradesh.,
Hyderabad,Rangareddi,
Telangana,501301

4. **The Secretary / Chairman,**

HYDERABAD,RANGAREDDI
Andhra Pradesh,500068

5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at http://www.aicte-india.org/

** Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

This is a computer generated Statement. No signature Required

PRINCIPAL
Geethanjali College of Engeering and Technology
AUTONOMOUS
Cheeryal (V), Keesara (M), Medchal (D)
Telangana-501301

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg,Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2023-24

Extension of Approval (EoA)

F.No. South-Central/1-36951396619/2023/EOA

Date: 02-Jun-2023

To,

The Principal Secretary
(Higher Education) Govt. of Telangana,
D Block, 117 Telangana Secretariat,
Hyderabad

Sub: Extension of Approval for the Academic Year 2023-24

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-5993199	**Application Id**	1-36951396619
Name of the Institution	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	**Name of the Society/Trust**	TEJA EDUCATIONAL SOCIETY
Institution Address	CHEERYAL VILLAGE, KEESARA MANDAL , RANGA REDDY DISTRICT, ANDHRA PRADESH., HYDERABAD, RANGAREDDI, Telangana, 501301	**Society/Trust Address**	,HYDERABAD,RANGAREDDI,Andhra Pradesh,500068
Institution Type	Private-Self Financing	**Region**	South-Central
Year of Establishment	2005		

To conduct following Courses with the Intake indicated below for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	30	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	300	300	NA	NA

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	JNTUH	60	180	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	JNTUH	120	180	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	JNTUH	180	240^	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Jawaharlal Nehru Technological University, Hyderabad	180	180	NA	NA
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	60	30	NA	NA
POST GRADUATE	MANAGEMENT	MBA	Jawaharlal Nehru Technological University, Hyderabad	60	60	NA	NA
POST GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Jawaharlal Nehru Technological University, Hyderabad	18	18	NA	NA

^Intake after Merging of Course

Course(s) Approved for Merger with other Course(s) for Academic Year 2023-24

Level	Program	Course	Affiliating Body (Univ/Body)	Course Merged With
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING (IOT)	JNTUH	COMPUTER SCIENCE AND ENGINEERING(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such institution shall be permitted to increase in annual permitted strength over a maximum period of two years.

2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.

3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.

4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.

6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education**, Telangana**

2. **The Registrar**,**
   Jawaharlal Nehru Technological University, Hyderabad

3. **The Principal / Director,**
   GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
   Cheeryal Village, Keesara Mandal , Ranga Reddy District, Andhra Pradesh.,
   Hyderabad,Rangareddi,
   Telangana,501301

4. **The Secretary / Chairman,**

   HYDERABAD,RANGAREDDI
   Andhra Pradesh,500068

Web : www.jntuh.ac.in
Email : pa2registrar@jntuh.ac.in
Res : +91-40-32517275
Fax : +91-40-23158665

A-GRADE

PROCEEDINGS OF THE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana, India

Dr. M. Manzoor Hussain
M.Tech,Ph.D,
Professor of Mechanical Engineering, &
REGISTRAR

Date: 02-11-2023

To
The Principal / Secretary /Chairman
GEETANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY **(CC:R1)** ,
SY.NO.33&34, CHEERYAL (V) , KEESARA (M) , RR DIST - 501301, CHEERYAL (V) , KEESARA (M) ,
MEDCHAL - 501301.

Sub : Communication of grant of affiliation for the academic year 2023-24-Reg.

Ref : Your College online application dated: 17-04-2023, for grant of affiliation for the academic year 2023-24.

With reference to the above, your College made an application for grant of affiliation for the academic year 2023-24. Pursuant to your application the University has conducted an inspection and communicated the facilities if required for improvement.

Based on the above, the University has granted affiliation to the following courses for the A.Y. 2023-24. This Letter may be used for applying to NAAC / NBA / UGC etc., .

S.No	Name of the Course(s)	Intake
1.	B.Tech - Civil Engineering	30
2.	B.Tech - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	240
3.	B.Tech - Computer Science and Engineering (Cyber Security)	180
4.	B.Tech - Computer Science and Engineering (Data Science)	180
5.	B.Tech - CSE	300
6.	B.Tech - ECE	180
7.	B.Tech - EEE	60
8.	B.Tech - Mechanical	30
9.	M.Tech - CSE	18
10.	MBA - MBA	60

Sd/-
REGISTRAR

(2)

(4)

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. : 06/05/AP/ENGG/2005/035
June 30, 2005

TO

THE SECRETARY TECHNICAL EDUCATION.
GOVT. OF ANDHRA PRADESH,
ANDHRA PRADESH GOVERNMENT SECREATRAIT.
HYDERABAD– 500 028.

Sub: **AICTE approval to TEJA EDUCATIONAL SOCIETY, CHERYAL VILLAGE, R.R. DISTT., ANDHRA PRADESH for establishment of GEETANJALI COLLEGE OF ENGINEERING & TECHNOLOGY, CHERYAL VILLAGE, R.R. DISTT., ANDHRA PRADESH for the Academic year 2005-06.**

Ref.: **W.P. No. 3179/2005 order of Hon'ble High Court of Andhra Pradesh on 28th June, 2005.**

Sir/Madam,

The Application/ Proposal received from **TEJA EDUCATIONAL SOCIETY, CHERYAL VILLAGE, R.R. DISTT., ANDHRA PRADESH** has been processed as per laid down procedure, guidelines, policy and/or norms & standards of AICTE, mentioned in **AICTE Regulations and/ or "AICTE Hand Book for Approval Process".**

I am directed to state that the All India council for Technical Education (AICTE) is pleased to accord approval for establishment of **GEETANJALI COLLEGE OF ENGINEERING & TECHNOLOGY, CHERYAL VILLAGE, R.R. DISTT., ANDHRA PRADESH** for the academic year 2005-06 to conduct following **course(s)** with annual intake as given below:

FULL TIME COURSE (S)	ANNUAL INTAKE	ENTRY LEVEL	DURATION (YEARS)	PERIOD OF APPROVAL
Electronics & Comm. Engg.	60	10+2	4	2005-2006
Computer Sc. & Engg.	60	10+2	4	2005-2006
Information Technology	60	10+2	4	2005-2006
Electrical & Electronics Engg.	60	10+2	4	2005-2006
Total	**240**			

PRINCIPAL
GEETHANJALI COLLEGE OF
ENGINEERING & TECHNOLOGY
Sy. No: 33 & 34, Cheeryal Village,
Keesara Mandal, Ranga Reddy District.

Contd\2.....

The Approval accorded above is subject to fulfillment of the following conditions:

1. The institution must have affiliation to a University for the above courses before making admissions. In the absence of such Affiliation this letter of approval shall be treated as Withdrawn (Order of the High Court of Madras in W.P. No. 33256 of 2002 and other Batch of Petitions).

2. No admission shall be made by the Institution, contrary to the guidelines issued by AICTE, for the academic session 2005-06. All the admissions must necessarily be made through Entrance Test.

3. The approved course(s) shall commence as per the academic calendar of the Affiliating University.

4. If this letter of approval is received by you after the closing date of State/ National level Central Counseling for Admissions in the concerned State/ Union Territory, this letter of Approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.

5. No excess admission shall be made by the institution during any academic year.

6. The approval is valid only for the academic year 2005-06. If no further extension of AICTE approval is received beyond the academic year 2005-06, this Approval Letter will not be valid for making any admission for the subsequent years.

7. Any other condition(s) as may be specified by AICTE from time to time.

Consequent to the Supreme Court Judgment, the Model Constitution of Governing Body notified by AICTE in its approval Regulations 1994, stands overruled. It has been decided that while AICTE will not insist on any nomination in the Governing Body of Private Unaided Institution, the Affiliating University/ State Government shall impose minimum conditions of affiliation, such as, prescription of qualifications of Governing Body Members, in order to insure academic excellence. It shall be desirable for the private unaided institutions to induct at least 50% of the members of the Governing Body drawn from renowned academia, academic administrators, Subject Experts and professionals from industry in order to seek their innovative ideas for continuous improvement in the delivery of teaching learning process, matching best practices elsewhere and achieve excellence.

Cont 3/

PRINCIPAL
GEETHANJALI COLLEGE OF
ENGINEERING & TECHNOLOGY
Sy. No: 33 & 34, Cheeryal Village,
Keesara Mandal, Ranga Reddy District.

Please note that the Council would verify the status in respect of recruitment of faculty and rectification of other deficiencies through **Surprise Inspection** without any prior intimation. The institution shall be liable for strict action including action under the relevant provisions of Indian Penal Code in case false information is furnished to the Council.

The Council has decided to undertake inspections without any prior notice before extending approval for the year 2006-07 anytime after August 2005. A compliance report in respect of conditions/ deficiencies listed in Annexure - A must be sent to the council before 31st August, 2005 in the absence whereof extension of approval for the year 2006-07 may not be considered.

The Compliance Report to be submitted to the Council by 31st August,, 2005 should also be accompanied with a **Visiting/ Processing Fee** as prescribed by the Council in the form of Demand Draft in favour of the Member Secretary, AICTE payable at New Delhi. In the absence of the processing / visiting fee, the compliance report may not be entertained.

In the event of infringement/ contravention or non-compliance of the above Conditions and/or the provision of AICTE Act & Regulations/ Guidelines/ Norms & Standards as prescribed by AICTE, further actions leading to "Reduced Intake" or "No Admission" or " Withdrawal of Approval", shall be taken by AICTE and the liability arising out of such actions will be solely that of the Management/ Trust/ Society and/ or the Institution.

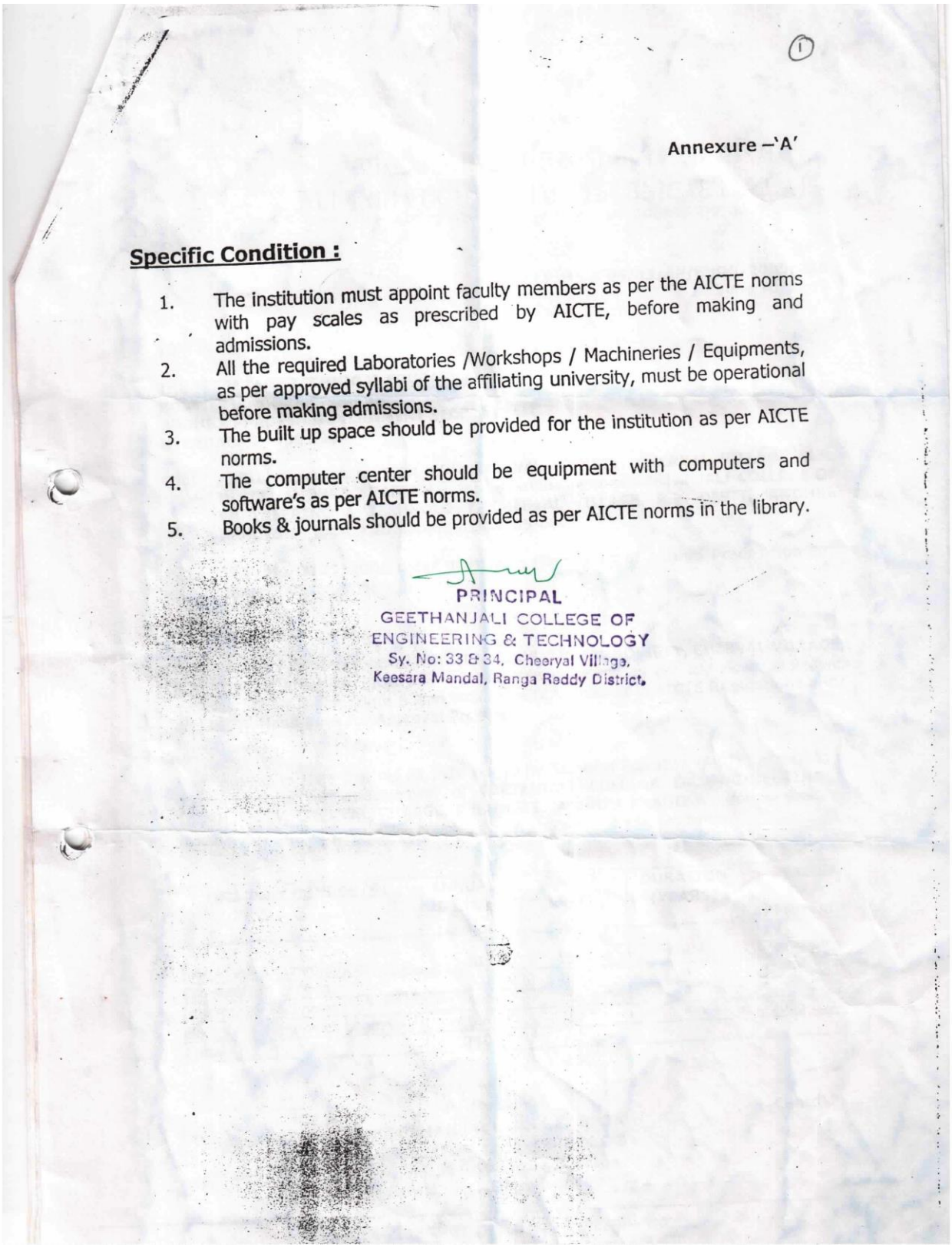
Yours faithfully,

for **(Dr. P. Venkateswara Rao)**
Adviser (UG/ PG)

Copy to:

1. The Regional Officer,AICTE, Southern Regional Office,26 Haddows Raod, Shastri Bhavan, Chennai – 600 006.
2. The Registrar,JNTU, HYDERBAD
3. The Principal
   GEETANJALI COLLEGE OF ENGINEERING & TECHNOLOGY,
   CHERYAL VILLAGE, R.R. DISTT.,
   ANDHRA PRADESH
4. The Commissioner of Technical Education, Govt. of Andhra Pradesh, 5th Floor, BRKR Govt. Complex, Hyderabad – 500 063.
5. Guard File Bureau (UG/PG)

PRINCIPAL
GEETHANJALI COLLEGE OF
ENGINEERING & TECHNOLOGY
Sy. No: 33 & 34, Cheeryal Village,
Keesara Mandal, Ranga Reddy District.



(1)

Annexure –'A'

Specific Condition :

1. The institution must appoint faculty members as per the AICTE norms with pay scales as prescribed by AICTE, before making and admissions.
2. All the required Laboratories /Workshops / Machineries / Equipments, as per approved syllabi of the affiliating university, must be operational before making admissions.
3. The built up space should be provided for the institution as per AICTE norms.
4. The computer center should be equipment with computers and software's as per AICTE norms.
5. Books & journals should be provided as per AICTE norms in the library.

PRINCIPAL
GEETHANJALI COLLEGE OF
ENGINEERING & TECHNOLOGY
Sy. No: 33 & 34, Cheeryal Village,
Keesara Mandal, Ranga Reddy District.

20. Accounted audited statement for the last three years:

Acknowledgement Number:428976301211023 **Date of filing : 21-Oct-2023**

INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

[Where the data of the Return of Income in Form ITR-1(SAHAJ), ITR-2, ITR-3, ITR-4(SUGAM), ITR-5, ITR-6, ITR-7 filed and verified]
(Please see Rule 12 of the Income-tax Rules, 1962)

Assessment Year 2023-24

PAN	AAATT7624B		
Name	TEJA EDUCATIONAL SOCIETY		
Address	SY NO.33 AND 34 , CHERIYAL VILLAGE, KEESARA MANDAL , R R DIST , 36-Telangana, 91-INDIA, 501301		
Status	05-AOP/BOI	Form Number	ITR-7
Filed u/s	139(5)-Revised	e-Filing Acknowledgement Number	428976301211023

Taxable Income and Tax Details	Current Year business loss, if any	1	0
	Total Income	2	0
	Book Profit under MAT, where applicable	3	0
	Adjusted Total Income under AMT, where applicable	4	0
	Net tax payable	5	0
	Interest and Fee Payable	6	0
	Total tax, interest and Fee payable	7	0
	Taxes Paid	8	3,84,913
	(+) Tax Payable /(-) Refundable (7-8)	9	(-) 3,84,910
Accreted Income and Tax Detail	Accreted Income as per section 115TD	10	0
	Additional Tax payable u/s 115TD	11	0
	Interest payable u/s 115TE	12	0
	Additional Tax and interest payable	13	0
	Tax and interest paid	14	0
	(+) Tax Payable /(-) Refundable (13-14)	15	0

This return has been digitally signed by G RAJA RAVINDER REDDY in the capacity of Others having PAN AGTPG0143P from IP address 183.83.134.189 on 21-Oct-2023 14:21:40 DSC Sl.No & Issuer 3487875 & 8005065682003678697CN=IDSign sub CA for Consumers 2014,OU=Certifying Authority,O=QCID Technologies Private Limited,C=IN

System Generated Barcode/QR Code

AAATT7624B074289763012110230 77df94b81c3c1182110456e1450d95a3e8d41d2

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

21.

NAME OF ASSESSEE	: **TEJA EDUCATIONAL SOCIETY**		
PAN	: **AAATT7624B**		
OFFICE ADDRESS	: SY NO.33 AND 34, CHERIYAL VILLAGE, KEESARA MANDAL, R R DIST, TELANGANA-501301		
STATUS	: AOP (TRUST)	ASSESSMENT YEAR	: 2023 - 2024
SUB-STATUS	: PUBLIC CHARITABLE TRUST		
REG. NO. U/S 12A/12AA	: AAATT7624BE20211		
CLAIMING EXEMPTION UNDER	: Section 10(23C)(iv)		
WARD NO	: EXEMPTION CIRCLE 1(1)HYD	FINANCIAL YEAR	: 2022 - 2023
D.O.I.	: 09/09/2002		
EMAIL ADDRESS	: mallesham1975@gmail.com		
NATURE OF BUSINESS	: SOCIETY		
METHOD OF ACCOUNTING	: MARCANTILE SYSTEM		
NAME OF BANK	: ICICI BANK LIMITED		
MICR CODE	: 500229045		
IFSC CODE	: ICIC0001318		
ADDRESS	: KAPRA, ANDHRA PRADESH		
ACCOUNT NO.	: 131801000493		
RETURN	: REVISED (RETURN FILING DATE : 21/10/2023 & NO. : 428976301211023)		
IMPORT DATE	: AIS : 21-10-2023 12:51 PM TIS : 21-10-2023 12:51 PM 26AS : 21-10-2023 12:51 PM		

COMPUTATION OF TOTAL INCOME

INCOME NOT FORMING PART OF APPLICATION OF INCOME			NIL
AGGREGATE OF INCOME REFERRED TO IN SECTIONS 11, 12 AND SECTIONS 10(23C)(IV), 10(23C)(V), 10(23C)(VI) AND 10(23C)(VIA) DERIVED EXCLUDING VOLUNTARY CONTRIBUTION		599927097	
INCOME BEFORE APPLICATION OF INCOME		599927097	
LESS : APPLICATION OF INCOME			
AMOUNT APPLIED DURING THE PREVIOUS YEAR (EXCLUDING APPLICATION FROM BORROWED FUND, DEEMED APPLICATION, PREVIOUS YEAR ACCUMULATION UPTO 15%)	593112990		
AMOUNT ACCUMULATED OR SET APART UPTO 15% (89989065)	6814107	599927097	NIL
GROSS TOTAL INCOME			NIL
TOTAL INCOME			NIL

COMPUTATION OF TAX ON TOTAL INCOME

TAX ON RS. NIL			NIL
LESS TAX DEDUCTED AT SOURCE			
SECTION 194A: OTHER INTEREST	56734		
SECTION 206CL: SALE OF VEHICLE	327598		
SECTION 206CR: SECTION 206CR	581	384913	
		-384913	
REFUNDABLE		(384913)	
TAX ROUNDED OFF U/S 288B		(384910)	

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Details of Tax Deducted at Source on Income other than Salary

Sl. No.	Tax Deduction Account Number (TAN) of the Deductor	Name and address of the Deductor	Amount paid /credited	Total tax deducted	B/F Tax	Amount claimed for this year	C/F Tax
194A : Other Interest							
1.	HYDC04738G	SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED	21320	2132	Nil	2132	Nil
2.	MUMH03189E	HDFC BANK LIMITED MUMBAI, ANDHRA PRADESH	311429	31143	Nil	31143	Nil
3.	MUMK01323A	KOTAK MAHINDRA BANK LIMITED	234585	23459	Nil	23459	Nil
		Grand Total	**567334**	**56734**	**Nil**	**56734**	**Nil**

Details of Tax Collected at Source on Income

Sl. No.	Tax Deduction and Tax Collection Account Number of the Collector	Name and address of the Collector	Amount received /debited	Total tax deducted	Amount claimed for this year
206CL : SALE OF VEHICLE					
1.	HYDS51385F	SRIDHANALAKSHMI AUTO AGENCIES PRIVATE LIMITED	19247667	192478	192478
2.	HYDV19215A	VVC MOTORS	13512000	135120	135120
		Total (Section)	**32759667**	**327598**	**327598**
206CR : SECTION 206CR					
1.	CALS01746D	SARWOTTAM ISPAT LIMITED	580521	581	581
		Grand Total	**33340188**	**328179**	**328179**

Details of Taxpayer Information Summary

S. N.	Information Category (1)	Income Head (2)	Section (3)	Processed Value (4)	Derived Value (5)	As per Computation/ ITR (6)	Difference (7)=(5)-(6)	As per 26AS (8)	Difference (9)=(8)-(6)
1	**Interest from savings bank**	Other Source	194A	412576.00	412576.00	0.00	412576.00		
2	**Interest from deposit**	Other Source	194A	567334.00	567334.00	0.00	567334.00	567334.00	567334.00
3	**Business expenses**			580521.00	580521.00				
4	**Cash deposits**			200591550.00	200591550.00			0.00	200591550.00
5	**Cash withdrawals**			0.00	0.00			0.00	Nil
6	**Purchase of vehicle**			32759666.00	32759666.00				
7	**Purchase of time deposits**			85207000.00	85207000.00				

for HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Acknowledgement Receipt ofIncome 1ax Foims

(Otheí I'han Income 1ax Retuín)

e-Filing Anywhere Anytime
Income Tax Department, Government of India

e-Filing Acknowledgement Numbeí / Quaíteíly Statement Receipt Numbeí	Date of e-Filing
428968870211023	21-Oct-2023

Name	:	
PAN/1AN	:	AAA1'7624B
Addíess	:	-
Foím No.	:	Foím 10B (A.Y. 2023-24 onwaíds)
Foím Desciiption	:	Audit íepoít undeí clause (b) of the tenth pioviso to clause (23C) of section 10 and sub-clause (ii) of clause (b) of sub-section (1) ofsection 12A of the Income-tax Act, 1961, in the case of a fund oí tíust oí institution oí any univeísity oí otheí educational institution oí any hospital oí otheí medical institution
Assessment Yeaí	:	2023-24
Financial Yeaí	:	-
Month	:	-
Quaíteí	:	-
Filing 1ype	:	Revised
Capacity	:	Chaíteíed Accountant
Veíified By	:	022361

(I'his is a computeí geneíated Acknowledgement Receipt and needs no signatuíe)

SI No	Attachment Name	Size(bytes)	Hash value of Attachment
1	bs teja.pdf	286008	e51cf940568cbfb00203f1ff1ce18b078c84da8c6d20bc8f07b0149ffa01303c
2	teja pl.pdf	728026	249c3e74aba9bdbc87ff85b9b8e26c72a49d21d47c676087e5d2e1c37eef8751

UDIN : 23022361BGPNVB5189

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2023

	PARTICULARS	Amount (Rs)		PARTICULARS	Amount (Rs)
To	Staff Salaries	28,14,80,215			
To	EPF (Employer Share of Cont.)	1,13,78,263		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	9,35,047	By	Tuition Fees	48,24,37,550
To	Gratuity Expenses	70,26,650	By	Admission fees & Other fees	5,32,68,257
To	Telephone charges	2,98,461	By	Transportation Fee	5,95,90,342
To	Printing & Stationery	1,58,06,504	By	Interest Received on TDS	19,926
To	Electricity Charges	38,59,920	By	Interest on Electricity Deposit-(ADC)	21,320
To	Building Repairs & Maintanance Expenses	2,36,95,866	By	Interest on FDR & SB a/c	6,96,960
To	House Keeping Materials Expenses	28,85,292	By	Other Income	38,92,742
To	College Maintanance Expenses	46,20,858			
To	Solar Power Plant Repairs & Maintanance	1,74,700			
To	Lab consumbles & Repairs Maintanance	14,18,909			
To	Seminars & Conferences Expenses	3,12,156			
To	Guest Honarorium	12,24,295			
To	FDP's & Workshops Expenses	1,16,181			
To	Student Projects Expenses	3,47,312			
To	Student Technical Activities	20,55,783			
To	Students Fee Concessions	44,51,000			
To	Staff Transportation Fee Concession	73,52,140			
To	Paper Publication Incentives	6,45,288			
To	R &D Project Expenses	2,00,000			
To	NSS Unit Exp.	1,43,816			
To	Training & Placement Exp.	1,41,01,127			
To	Sports & Games Expences	4,46,843			
To	Staff Welfare & Incentives	47,19,691			
To	Students Welfare & Incentives	44,26,769			
To	Generator Repairs & Maintenance	37,20,971			
To	TSSCHE /TSCET/TASK/TAFRC Fee	5,62,922			
To	Fire Service Fee	5,15,370			
To	Periodical &Subscriptions	17,233			
To	PCI /NBA/NAAC Fee	9,90,733			
To	AICTE Fee	2,05,400			
To	JNTU Common Service Fee	80,58,300			
To	Student Mirit Scholarship	7,54,000			
To	Postage& Telegrams	7,802			
To	Administrative Expences	7,52,126			
To	Membership Registration fee	35,456			
To	JNTU/Autonomous Examination Expnses	93,19,756			
To	Bank Charges	19,69,170			
To	Advertisement Charges	53,30,519			
To	Rates & Taxs	32,73,221			
To	Interest on Term Loan	1,23,06,371			
To	Interest on working Capital Loan	10,59,933			
To	Interest on Unsecured Loan	3,91,01,922			
To	Hire Charges	10,88,922			
To	Legal Expenses	38,000			

To	Security Charges	41,87,679		
To	Insurance Charges	1,45,183		
To	Insurance Charges on Students Vehicles	18,38,627		
To	Insurance Charges on Staff Transportation Vehicles	7,05,863		
To	Vehicles Repairs &Transport Maintenance	44,20,034		
To	Staff Vehicles Repairs & Maintenance	3,11,563		
To	Fuel Expenses for College Vehicles	1,04,72,214		
To	Garden Maintanance	11,02,192		
To	College Functions & Celebrations Exp.	43,78,120		
To	Entertainment & Meeting Exp.	1,43,659		
To	Travelling & Conveyance Charges	36,46,849		
To	Internet & Website Charges	36,72,276		
To	Computer Peripherals & Maintanance	75,79,327		
To	Consultancy Service fee	31,22,286		
To	Audit fee	3,25,300		
To	Furniture Repairs & Maintanance	29,00,489		
To	Electrical Repairs & maintanace	20,92,035		
To	Hospital Intentionship Fees	32,75,000		
To	Depreciation	5,55,63,081		
To	**Excess of income over Expenditure**	**68,14,107**		
	Total	**59,99,27,097**		**59,99,27,097**

RAJA RAVINDER REDDY GADDAM
Digitally signed by RAJA RAVINDER REDDY GADDAM
Date: 2023.10.21 14:15:36 +05'30'

HARIBABU CHENNUPALLI
Digitally signed by HARIBABU CHENNUPALLI
Date: 2023.10.21 14:16:05 +05'30'

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2023

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		6,69,75,803	NET FIXED ASSETS(As per schedule)	40,35,27,717
Excess of Income over Expenditure		(4,21,43,164)		-
Opening	(4,89,57,271)			
Current Year	68,14,107		**OTHER CURRENT ASSETS**	
LOAN FUNDS			Staff Salary advances & Loans	16,68,409
Unscured Loans		32,59,74,975		
Others Loan	32,59,74,975		Prepaid Expences	19,32,308
Secured Loans		29,51,63,103		
			Hire Charges Suspense	64,91,122
HDFC Bank	22,01,13,328			
Axis Bank	15,92,982		TDS / TCS receiveble	5,92,360
Kotak Bank	7,20,22,647		**Deposits**	
YES Bank	14,34,146		HDFC Bank Fixed Deposit	1,04,45,523
			Kotak Bank Fixed Deposit	54,16,551
			Investment For Birla Adithya Insurance	26,12,500
HDFC Bank (OD A/c)		21,43,074	Electricity & Other Deposits	17,68,871
R&D GRANTS RECEIVED		2,04,185	Consultancy Fee Receivable	1,37,900
OTHER LIABILITIES		2,01,55,276	Tuition Fee Receivable	31,28,56,654
Capital Goods Sundry Creditors	2,01,55,276			
			CURRENT ASSETS	
CURRENT LIABILITIES		9,69,93,826	**CASH AND BANK**	1,74,88,563
Other Sundry Creditors	3,97,03,449		Cash at Bank	
Staff Salary deposits	95,840		**CASH**	
Canteen Deposit	50,000		Cash in hand	5,26,600
Other Provisions for Expenses	5,71,44,537			
		76,54,67,078		**76,54,67,078**

HARIBABU CHENNUPALLI Digitally signed by HARIBABU CHENNUPALLI Date: 2023.10.21 14:14:42 +05'30'

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

SCHEDULE - D - FIXED ASSETS FOR THE PERIOD 01.04.2022 to 31.03.2023

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.22	ADDITIONS DURING THE UPTO SEPT'22	ADDITIONS DURING THE AFTER SEPT'22	Deletions	AS AT 31.03.23	for the March'23	UP TO April 2,022	AS AT 31.03.2023	31st March 2,023	31st March 2,022
1	Land	12,041,000				12,041,000	-	0	-	12,041,000	12,041,000
2	Buildings	333,578,537	48,397,711	16,914,086		398,890,334	22,086,742	169,565,868	191,652,610	207,237,724	164,012,669
3	Furniture & Fixtures	39,364,166	3,185,405	8,119,658		50,669,229	2,437,441	22,234,992	24,672,433	25,996,796	17,129,174
4	Text Books Library	30,298,178	121,175	3,897,380		34,316,733	1,771,748	14,650,562	16,422,310	17,894,423	15,647,616
5	Computers Lab Equipments	103,344,020	1,357,949	23,231,736		127,933,705	13,824,781	81,755,884	95,580,665	32,353,040	21,588,136
6	Laboratory & Other Equipments	134,217,191	2,342,836	13,626,138		150,186,165	9,111,331	82,630,892	91,742,222	58,443,943	51,586,299
7	Vehicles	81,635,536	-	27,369,818		109,005,354	6,331,038	53,113,525	59,444,563	49,560,791	28,522,011
				-						-	-
	TOTAL	734,478,628	55,405,076	93,158,816	-	883,042,520	55,563,081	423,951,722	479,514,803	403,527,717	310,526,906

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2023

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	251,667,188			
To	EPF (Employer Share of Cont.)	9,794,737		FEES RECEIPTS	
To	ESI (Employer Share of Cont.)	813,356	By	Tuition Fees	430,432,550
To	Gratuity Expenses	7,026,650	By	Admission fees & Other fees	50,208,570
To	Telephone charges	291,617	By	Transportation Fee	53,101,146
To	Printing & Stationery	13,912,967	By	Interest Received on TDS	19,926
To	Electricity Charges	3,337,777	By	Interest on Electricity Deposit-(ADC)	21,320
To	Building Repairs & Maintanance Expenses	19,458,516	By	Interest on FDR & SB a/c	696,960
To	House Keeping Materials Expenses	2,885,292	By	Other Income	3,892,742
To	College Maintanance Expenses	4,620,858			
To	Solar Power Plant Repairs & Maintanance	174,700			
To	Lab consumbles & Repairs Maintanance	1,063,333			
To	Seminars & Conferences Expenses	90,102			
To	Guest Honarorium	1,224,295			
To	FDP's & Workshops Expenses	116,181			
To	Student Projects Expenses	347,312			
To	Student Technical Activities	2,055,783			
To	Students Fee Concessions	4,383,000			
To	Staff Transportation Fee Concession	6,503,140			
To	Paper Publication Incentives	645,288			
To	R &D Project Expenses	200,000			
To	NSS Unit Exp.	143,816			
To	Training & Placement Exp.	14,101,127			
To	Sports & Games Expences	400,361			
To	Staff Welfare & Incentives	3,991,923			
To	Students Welfare & Incentives	3,742,569			
To	Generator Repairs & Maintenance	2,750,242			
To	TSSCHE /TSCET/TAFRC Fee	415,980			
To	Fire Service Fee	515,370			
To	Periodical &Subscriptions	17,233			
To	NAAC Fee	516,233			
To	AICTE Fee	205,400			
To	JNTU Common Service Fee	7,834,600			
To	Student Mirit Scholarship	513,500			
To	Postage& Telegrams	7,578			
To	Administrative Expences	192,172			
To	Membership Registration fee	35,456			
To	JNTU/Autonomous Examination Expnses	8,039,881			
To	Bank Charges	1,967,885			
To	Advertisement Charges	4,619,879			
To	Rates & Taxs	2,933,071			
To	Interest on Term Loan	12,306,371			
To	Interest on working Capital Loan	1,059,933			
To	Interest on Unsecured Loan	39,101,922			
To	Hire Charges	1,088,922			
To	Legal Expenses	38,000			
To	Security Charges	3,618,369			
To	Insurance Charges	145,183			
To	Insurance Charges on Students Vehicles	1,531,867			
To	Insurance Charges on Staff Transportation Vehicles	705,863			
To	Vehicles Repairs &Transport Maintenance	2,353,785			
To	Staff Vehicles Repairs & Maintenance	311,563			
To	Fuel Expenses for College Vehicles	9,879,445			
To	Garden Maintanance	1,045,572			
To	College Functions & Celebrations Exp.	3,682,158			
To	Entertainment & Meeting Exp.	143,659			
To	Travelling & Conveyance Charges	3,472,109			
To	Internet & Website Charges	3,347,499			
To	Computer Peripherals & Maintanance	6,364,174			
To	Consultancy Service fee	3,122,286			
To	Audit fee	325,300			
To	Furniture Repairs & Maintanance	2,786,569			
To	Electrical Repairs & maintanace	1,980,930			
To	Depreciation	50,884,294			
To	Excess of income over Expenditure	5,521,073			
	Total	538,373,214			538,373,214

Teja Educational Society

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2023

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		66,975,803	NET FIXED ASSETS(As per schedule)	363,165,617
Excess of Income over Expenditure		59,102,179		
Opening	53,581,106			
Current Year	5,521,073		**OTHER CURRENT ASSETS**	
LOAN FUNDS			Geethanjali College Of Pharmacy	177,698,039
Unscured Loans		325,974,975		
Others Loan	325,974,975		Staff Salary advances & Loans	1,544,755
Secured Loans		295,163,103	Prepaid Expences	1,932,308
HDFC Bank	220,113,328			
Axis Bank	1,592,982		Hire Charges Suspense	6,491,122
Kotak Bank	72,022,647			
YES Bank	1,434,146		TDS / TCS receiveble	592,360
HDFC Bank (OD A/c)		2,143,074	**Deposits**	
			HDFC Bank Fixed Deposit	10,445,523
			Kotak Bank Fixed Deposit	5,416,551
			Investment For Birla Adithya Insurance	2,612,500
			Electricity & Other Deposits	1,768,871
R&D GRANTS RECEIVED		204,185		
			Consultancy Fee Receivable	137,900
OTHER LIABILITIES		20,155,276		
Sundry Creditors Capital Goods	20,155,276		Tuition Fee Receivable	255,402,914
CURRENT LIABILITIES		70,352,586	**CURRENT ASSETS**	
Other Sundry Creditors	20,440,996		**CASH AND BANK**	
Staff Salary deposits	95,840		Cash at Bank	12,560,775
Canteen Deposit	50,000		**CASH**	
Other Provisions for Expenses	49,765,750		Cash in hand	301,946
		840,071,181		**840,071,181**

Date :

Teja Educational Society

Secretary

F.Y:-2022-23 GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2022 to 31.03.2023

		GROSS BLOCK					DEPRECIATION			NET BLOCK	
Sl. No.	DESCRIPTION	AS AT 01.04.22	ADDITIONS DURING THE UPTO SEPT'22	ADDITIONS DURING THE AFTER SEPT'22	Deletions	AS AT 31.03.23	for the March'23	UP TO April 2,022	AS AT 31.03.2023	31st March 2,023	31st March 2,022
1	Land	7,836,000				7,836,000	-	-	-	7,836,000	7,836,000
2	Buildings	281,806,489	48,397,711	16,914,086		347,118,286	19,582,016	142,841,081	162,423,097	184,695,189	138,965,408
3	Furniture & Fixtures	34,758,018	2,689,545	6,875,703		44,323,266	2,111,942	19,765,997	21,877,939	22,445,327	14,992,021
4	Text Books Library	25,132,394	10,521	3,401,536		28,544,451	1,482,672	12,016,961	13,499,633	15,044,818	13,115,433
5	Computers Lab Equipments	98,021,194	1,357,949	21,941,750		121,320,893	13,275,206	77,162,002	90,437,209	30,883,684	20,859,192
6	Laboratory & Other Equipments	117,272,006	1,375,415	13,583,524		132,230,945	8,216,435	70,662,950	78,879,385	53,351,560	46,609,056
7	Vehicles	77,278,037	-	27,369,818		104,647,855	6,216,023	49,522,793	55,738,816	48,909,039	27,755,244
	TOTAL	642,104,138	53,831,141	90,086,417	-	786,021,696	50,884,294	371,971,785	422,856,079	363,165,617	270,132,353

Teja Educational Society

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Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF PHARMACY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2023

	PARTICULARS	Rs		PARTICULARS	Rs
To	Salaries Staff	29,813,027			
To	EPF (Employer Share of Cont.)	1,583,526		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	121,691	By	Tuitions Fees	52,005,000
To	Telephone charges	6,844	By	Admission fees & Other fees	3,059,687
To	Printing & Stationery	1,893,537	By	Transportation Fee	6,489,196
To	Building Repairs & College Maintanance	4,237,350			
To	Lab consumbles & Repairs Maintanance	355,576			
To	Computer Peripherals &Maintanance	1,215,153			
To	Hospital Intentionship Fees	3,275,000			
To	Insurance Charges on Vehicles	306,760			
To	Staff Welfare & Incentives	727,768			
To	Students Fee Concessions	68,000			
To	Staff Transportation Fee Concession	849,000			
To	Students Welfare & Incentives	684,200			
To	Student Mirit Scholarship	240,500			
To	Rates & Taxs	340,150			
To	Administrative Expenses	559,954			
To	Security Charges	569,310			
To	Sports Expenses	46,482			
To	Electricity Charges	522,143			
To	Periodical & Subscriptions Journals	-			
To	TASK Registration Fee	58,705			
To	TSSCHE /TSCET /TAFRC Fee	88,237			
To	JNTU Common Service Fee	223,700			
To	PCI /NBA/NAAC Fee	474,500			
To	JNTU Examination Fee Exp.	1,279,875			
To	Postage & Telegrams	224			
To	Bank Charges	1,285			
To	Advertisement Charges	710,640			
To	Vehicles Repairs &Transport Maintenance	2,066,249			
To	Fuel Expenses for College Vehicles	592,769			
To	Garden Maintanance	56,620			
To	College Functions & Celebrations Exp.	695,962			
To	Seminars & Conferences Expenses	222,054			
To	Generator Maintenance	970,729			
To	Furniture Repairs & Maintanance	113,920			
To	Electrical Repairs & maintanance	111,105			
To	Travelling & Conveyance	174,740			
To	Internet& Website Charges	324,777			
To	Depreciation	4,678,787			
To	**Excess of income over Expenditure**	**1,293,034**			
	Total	**61,553,883**			**61,553,883**

Date :

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF PHARMACY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2023

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Loss of Income over Expenditure		(101,245,343)	NET FIXED ASSETS(As per schedule)	40,362,100
Opening	(102,538,377)			
Current Year	1,293,034			
UNSECURED LOANS			**OTHER CURRENT ASSETS**	
Geethanjali College Of Engg.&Tech.		177,698,039	Staff Salary advances & Loans	123,654
			Tuition Fee Receivable	57,453,740
CURRENT LIABILITIES			**CURRENT ASSETS**	
Other Sundry Liabilities		19,262,453	**CASH AND BANK**	
			Cash at Bank	4,927,788
PROVISIONS		7,378,787		
Other Provisions for Expenses	7,378,787		Cash in hand	226,654
		103,093,936		**103,093,936**

Teja Educational Society

Secretary

F.Y:-2022-23 GEETHANJALI COLLEGE OF PHARMACY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2022 to 31.03.2023

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.22	ADDITIONS DURING THE UPTO SEPT'22	ADDITIONS DURING THE AFTER SEPT'22	Deletions	AS AT 31.03.23	for the Yr. March'23	UP TO April 2,022	AS AT 31.03.2023	31st March 2,023	31st March 2,022
1	Land	4,205,000				4,205,000	-	-	-	4,205,000	4205000
2	Buildings	51,772,048	-	-		51,772,048	2,504,726	26,724,787	29,229,513	22,542,535	25047261
3	Furniture & Fixtures	4,606,148	495,860	1,243,955		6,345,963	325,499	2,468,995	2,794,494	3,551,469	2137153
4	Text Books Library	5,165,784	110,654	495,844		5,772,282	289,076	2,633,601	2,922,677	2,849,605	2532183
5	Computers Lab Equipments	5,322,826	-	1,289,986		6,612,812	549,575	4,593,881	5,143,456	1,469,356	728945
6	Laboratory & Other Equipment	16,945,185	967,421	42,614		17,955,220	894,896	11,967,941	12,862,837	5,092,383	4977244
7	Vehicles	4,357,499	-	-		4,357,499	115,015	3,590,732	3,705,747	651,752	766767
	T O T A L	**92,374,490**	**1,573,935**	**3,072,399**	**-**	**97,020,824**	**4,678,787**	**51,979,937**	**56,658,724**	**40,362,100**	**40,394,553**

Teja Educational Society

Secretary

Acknowledgement Number:558992651280922 Date of filing:28-Sep-2022

INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-3, ITR-4(SUGAM), ITR-5, ITR-6, ITR-7 filed and verified]
(Please see Rule 12 of the Income-tax Rules, 1962)

Assessment Year 2022-23

PAN	AAATT7624B		
Name	TEJA EDUCATIONAL SOCIETY		
Address	SY NO.33 AND 34 , CHERIYAL VILLAGE , KEESARA MANDAL , R R DIST , 36-Telangana , 91-India , 501301		
Status	AOP/BOI	Form Number	ITR-7
Filed u/s	139(1) - Return filed on or before due date	e-Filing Acknowledgement Number	558992651280922

Taxable Income and Tax details	Current Year business loss, if any	1	0
	Total Income		0
	Book Profit under MAT, where applicable	2	0
	Adjusted Total Income under AMT, where applicable	3	0
	Net tax payable	4	0
	rest and Fee Payable	5	0
	Total tax, interest and Fee payable	6	0
	Taxes Paid	7	9,137
	(+)Tax Payable /(-)Refundable (6-7)	8	(-) 9,140
Accreted Income & Tax Detail	Accreted Income as per section 115TD	9	0
	Additional Tax payable u/s 115TD	10	0
	Interest payable u/s 115TE	11	0
	Additional Tax and interest payable	12	0
	Tax and interest paid	13	0
	(+)Tax Payable /(-)Refundable (17-18)	14	0

This return has been digitally signed by SRIDEVI GADDAM in the capacity of Others having PAN AEIPG7169Q from IP address 183.[illegible]134.189 on 28-Sep-2022

DSC Sl. No. & Issuer 3487883 & 71299490025178222251CN=IDSign sub CA for Consumers 2014,OU=Certifying Authority,O=QCID Technologies Private Limited,C=IN

System Generated Barcode/QR Code

AAATT7624B07558992651280922558C1D8FC853AB74ECBBF0FC45ECDBCB0169B60E8

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

22.

Acknowledgement Receipt of Income Tax Forms

(Other Than Income Tax Return)

e-Filing Anywhere Anytime
Income Tax Department, Government of India

e-Filing Acknowledgement Number [redacted]

558883550280922 28-Sep-2022

Name	:	TEJA EDUCATIONAL SOCIETY
PAN/TAN	:	AAATT7624B
Address	:	SY NO.33 AND 34,hyderabad,KEESARA MENDAL,Telangana,91,501301
Form No.	:	Form 10BB
Form Description	:	Audit report under section 10(23C) of the Income-tax Act, 1961, in the case of any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of section 10(23C)
Assessment Year	:	2022-23
Financial Year	:	-
Month	:	-
Quarter	:	-
Filing Type	:	Original
Capacity	:	Chartered Accountant
Verified By	:	022361

(This is a computer generated Acknowledgement Receipt and needs no signature)

UDIN : 22022361AWEPHW7400

FORM NO. 10BB [See rule 16CC]

Audit report under section 10(23C) of the Income-tax Act, 1961, in the case of any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of section 10(23C).

e-Filing *Anywhere Anytime*
Income Tax Department, Government of India

Acknowledgement Number -558883550280922

(i) We have examined the Balance Sheet as at **31 March 2022** and the Income and Expenditure or Profit and Loss Account for the year ended on that date attached herewith of **TEJA EDUCATIONAL SOCIETY** and **AAATT7624B** (Name and PAN of fund or trust or institution or any university or other educational institution or any hospital or other medical institution).

(ii) We certify that the Balance Sheet and the Income and Expenditure Account or Profit and Loss Account are in agreement with the books of account maintained by the head office at **SY NO.33 AND 34, KEESARA MENDAL** and **NIL** branches.

(iii) Subject to comments below

(a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.

(b) In our opinion, proper books of account have been kept by the head office and branches of the above-named fund, or trust, or institution or any university or other educational institution or any hospital or other medical institution so far as appears from our examination of the books of account.

(c) In our opinion and to the best of our information and according to the information given to us, the said accounts read with notes thereon, if any, give a true and fair view –

(1) In the case of the Balance Sheet, of the state of affairs of the above-named fund, or trust, or institution or any university or other educational institution or any hospital or other medical institution as at **31 March 2022** and

(2) In the case of Income and Expenditure Account or Profit and Loss Account, surplus or deficit or profit or loss for the year ended on that date.

Where any of the matters stated in this report is answered negative or with qualification, the report shall state the reason for the same

The prescribed particulars are annexed herewith :

Place	183.83.134.189
Date	28-Sep-2022
Name	HARIBABU CHENNUPALLI
Membership No.	022361
Firm Registration Number	0001064S
Date of Audit Report	28-Sep-2022
Address	plot no 44, Aoc Records S.O,

Tirumalagiri, HYDERABAD, 500015,
Telangana, INDIA

ANNEXURE

Statement of particulars

PART A- GENERAL

1.	Name of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution.	TEJA EDUCATIONAL SOCIETY
2.	Address	SY NO.33 AND 34,, CHERIYAL, VILLAGE,KEESARA MANDAL, Ghatkesar, Ghatkesar S.O, K.V.RANGAREDDY, Telangana, India - 501301
3.	Permanent Account Number	AAATT7624B
4.	Assessment year	2022-23
5.	Sub-clause of section 10(23C) under which the fund or trust or institution or any university or other educational institution or any hospital or other medical institution is seeking exemption.	(iv)
6.	Number and date of notification/approval of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution	1174/2002, 09-Sep-2002

PART B- Application of income for charitable or religious or educational or philanthropic purposes

7.	Nature of charitable/ religious/ educational/ philanthropic activity [as referred to in subclauses (iv),(v),(vi) or (via) of section 10(23C)]	CHARITABLE EDUCATIONAL
8.	Total income of the previous year of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution	₹ 52,62,76,610
9.	Amount of income of the previous year applied during the year wholly and exclusively to the objects for which it is established	₹ 50,72,73,701
10.	Amount of income of the previous year accumulated for application, wholly and exclusively, to the objects for which it is established, to the extent it does not exceed 15% of income of that year.	₹ 1,90,02,909
11.	Amount of income, exceeding 15% of income of the year, accumulated in accordance with clause (a) of the third provison to section 10(23C).	₹ 0
12.	(a) Whether, during the previous year, any part of the income, not	No

	exceeding 15% of income accumulated in any earlier year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	
	(b) If answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	
13.	(a) Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in accordance with clause (a) of the third proviso to section 10(23C) in that year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	No
	(b) If answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	
14.	Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in accordance with clause (a) of the third proviso to section 10(23C) in that year, was not utilised for purposes for which it was accumulated during the period for which it was to be accumulated?	No
	(b) If answer to (a) above is 'yes', then give details thereof, together with amount of income not so utilised.	

PART C- OTHER INFORMATION

15.	(a) Whether any funds, other than the assets or voluntary contributions referred to in clause (b) of the third proviso to section 10(23C), were invested or deposited for any period during the previous year, otherwise than in the forms and modes specified in subsection (5) of section 11.	No
	(b) If the answer to (a) above is 'yes', then give details as under:	

Sl. No.
No Records Added

16.	In relation to any income being profits and gains of business, -	
	(a) whether the business was incidental to the attainment of the objectives of the fund or trust or institution or university or other educational institution or hospital or other medical institution?	Yes
	(b) whether separate books of account were maintained in respect of such business?	Yes
	(c) if the answer to (a) and/or (b) above is 'no', then state the amount of such income.	-

17.	(a) whether during the previous year, any part of the accumulated income was paid or credited to any trust or institution registered under section 12AA or to any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of clause (23C) of section 10?	No
	(b) If answer to (a) above is 'yes', then give details thereof, together with the amount of income so paid or credited	
18	(a) whether any voluntary contribution, other than voluntary contribution in cash or voluntary contribution of the nature referred to in clause (b) of the third proviso to section 10(23C), was held during the previous year, otherwise than in any of the forms or modes specified in sub-section (5) of section 11, after the expiry of one year from the end of the previous year in which such voluntary contribution was received?	No
	(b) If answer to (a) above is 'yes', then give details thereof, including the amount of such voluntary contribution	
19	(a) whether any anonymous donation referred to in section 115 BBC was received during the year?	No
	(b) If answer to (a) above is 'yes', then state the amount of such anonymous donation	-

Place 183.83.134.189

Date 28-Sep-2022

Acknowledgement Number - 558883550280922

This form has been digitally signed by HARIBABU CHENNUPALLI having PAN AAJPC5156A from IP Address 183.83.134.189 on 28-Sep-2022 06:46:44 PM
Dsc Sl No and issuer 21330918CN=e-Mudhra Sub CA for Class 3 Individual 2014,C=IN,O=eMudhra Consumer Services Limited,OU=Certifying Authority

NAME OF ASSESSEE	: **TEJA EDUCATIONAL SOCIETY**		
PAN	: **AAATT7624B**		
OFFICE ADDRESS	: SY NO.33 AND 34, CHERIYAL VILLAGE, KEESARA MANDAL, R R DIST, TELANGANA-501301		
STATUS	: AOP (TRUST)	ASSESSMENT YEAR	: 2022 - 2023
SUB-STATUS	: PUBLIC CHARITABLE TRUST		
REG. NO. U/S 12A/12AA	: AAATT7624BE20206		
CLAIMING EXEMPTION UNDER	: Section 10(23C)(iv)		
WARD NO	: EXEMPTION CIRCLE 1(1)HYD	FINANCIAL YEAR	: 2021 - 2022
D.O.I.	: 09/09/2002		
EMAIL ADDRESS	: mallesham1975@gmail.com		
NATURE OF BUSINESS	: SOCIETY		
METHOD OF ACCOUNTING	: MARCANTILE SYSTEM		
NAME OF BANK	: ICICI BANK LIMITED		
MICR CODE	: 500229045		
IFSC CODE	: ICIC0001318		
ADDRESS	: KAPRA, ANDHRA PRADESH		
ACCOUNT NO.	: 131801000493		
RETURN	: ORIGINAL (FILING DATE : 28/09/2022 & NO. : 558992651280922)		
IMPORT DATE	: AIS : 28-09-2022 07:17 PM 26AS : 28-09-2022 07:16 PM	TIS : 28-09-2022 07:17 PM	

COMPUTATION OF TOTAL INCOME

INCOME NOT FORMING PART OF APPLICATION OF INCOME			NIL
AGGREGATE OF INCOME REFERRED TO IN SECTIONS 11, 12 AND SECTIONS 10(23C)(IV), 10(23C)(V), 10(23C)(VI) AND 10(23C)(VIA) DERIVED EXCLUDING VOLUNTARY CONTRIBUTION		526276610	
INCOME BEFORE APPLICATION OF INCOME		526276610	
LESS : APPLICATION OF INCOME			
AMOUNT APPLIED TO CHARITABLE OR RELIGIOUS PURPOSES - REVENUE ACCOUNT	507273701		
AMOUNT ACCUMULATED OR SET APART UPTO 15% (78941492)	19002909	526276610	NIL
GROSS TOTAL INCOME			NIL
TOTAL INCOME			NIL

COMPUTATION OF TAX ON TOTAL INCOME

TAX ON RS. NIL			NIL
LESS TAX DEDUCTED AT SOURCE			
SECTION 194C: CONTRACTORS AND SUB-CONTRACTORS	377		
SECTION 194A: OTHER INTEREST	2160		
SECTION 194JB: SECTION 194JB	6600	9137	
		-9137	
REFUNDABLE		(9137)	
TAX ROUNDED OFF U/S 288B		(9140)	

Teja Educational Society

Secretary

Details of Tax Deducted at Source on Income other than Salary

Sl. No.	Tax Deduction Account Number (TAN) of the Deductor	Name and address of the Deductor	Amount paid /credited	Total tax deducted	B/F Tax	Amount claimed for this year	C/F Tax
194A : Other Interest							
1.	BLRC19653E	CANARA BANK	2410	Nil	Nil	Nil	Nil
2.	HYDC04738G	SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED	21600	2160	Nil	2160	Nil
		Total (Section)	**24010**	**2160**	**Nil**	**2160**	**Nil**
194C : Contractors and sub-contractors							
1.	MUMS43851D	SANPRINTS PRIVATE LIMITED	18830	377	Nil	377	Nil
194JB : SECTION 194JB							
1.	MRTD04939E	DIGANTARA RESEARCH AND TECHNOLOGIES PRIVATE LIMITED	66000	6600	Nil	6600	Nil
		Grand Total	**108840**	**9137**	**Nil**	**9137**	**Nil**

Details of Taxpayer Information Summary

S. N.	Information Category	Income Head	Section	Processed Value	Derived Value	As per Computation/ ITR	Difference	As per 26AS	Difference
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(5)-(6)	(8)	(9)=(8)-(6)
1	Interest from savings bank	Other Source	194A	222346	222346	0.00	222346.00		
2	Interest from deposit	Other Source	194A	24010	24010	0.00	24010.00	24010.00	24010.00
3	Business receipts	Business		84830	84830	0.00	84830.00	0.00	Nil
4	Cash deposits			156054300	156054300			49854000.00	106200300.00
5	Cash withdrawals			36500	36500			36500.00	Nil

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2022

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	245,983,446			
To	EPF (Employer Share of Cont.)	10,405,489		FEES RECEIPTS	
To	ESI (Employer Share of Cont.)	900,834	By	Tuition Fees	431,192,500
To	Gratuity Expenses	6,452,211	By	Admission fees & Other fees	60,268,417
To	Telephone charges	278,685	By	Transportation Fee	33,969,329
To	Printing & Stationery	16,108,747	By	Interest Received on TDS	15,469
To	Electricity Charges	2,382,091	By	Interest on Electricity Deposit-(ADC)	23,760
To	Building Repairs & Maintanance Expenses	17,492,023	By	Other Income	807,135
To	College Maintanance Expenses	5,740,524			
To	Lab consumbles & Repairs Maintanance	557,729			
To	Seminars & Workshop Expenses	94,310			
To	Guest Honarorium	1,015,500			
To	Faculty Development Programe	144,480			
To	Student Projects Expenses	192,075			
To	Student Technical Activities	770,097			
To	Student Fee Concessions	4,324,100			
To	Staff Transportation Fee Concession	3,460,236			
To	Paper Publication Incentives	302,000			
To	NSS Unit Exp.	89,553			
To	Training & Placement Exp.	11,689,467			
To	Sports & Games Expences	601,955			
To	Staff Welfare & Incentives	821,412			
To	Students Welfare & Incentives	2,004,728			
To	Generator Repairs & Maintenance	932,309			
To	TSSCHE /TSCET/TAFRC Fee	1,111,180			
To	Hospital Intentionship Fees	3,025,000			
To	Fire Service Fee	96,760			
To	Periodical &Subscriptions	307,525			
To	PCI Fee	442,634			
To	AICTE Fee	150,000			
To	NBA Fee	882,045			
To	JNTU Common Service Fee	7,536,883			
To	Student Mirit Scholarship	85,000			
To	Postage& Telegrams	1,428			
To	Administrative Expences	236,302			
To	Membership Registration fee	232,855			
To	JNTU/Autonomous Examination Expnses	8,212,083			
To	Bank Charges	433,350			
To	Advertisement Charges	2,757,582			
To	Rates & Taxs	1,609,352			
To	Interest term Loan	4,355,234			
To	Interest on working Capital Loan	1,362,093			
To	Interest on Unsecured Loan	62,132,700			
To	Hire Charges	1,016,466			
To	Security Charges	2,489,644			
To	Insurance Charges	146,046			
To	Insurance Charges on Staff Transportation Vehicles	454,952			
To	Insurance Charges on Vehicles	1,906,481			
To	Vehicles Repairs &Transport Maintenance	9,117,692			
To	Staff Vehicles Repairs & Maintenance	1,498,950			
To	Garden Maintanance	568,797			
To	Functions & Celebrations Exp.	1,396,357			
To	Entertainment & Meeting Exp.	30,488			
To	Travelling & Conveyance Charges	2,356,769			
To	Internet & Website Charges	2,613,750			
To	Computer Peripherals & Maintanance	2,668,295			
To	Consultancy Service fee	527,430			
To	Architecture Consultancy Fee	1,200,000			
To	Audit fee	147,500			
To	Furniture Repairs & Maintanance	2,582,169			
To	Electrical Repairs & maintanace	3,090,445			
To	Depreciation	45,747,463			
To	Excess of income over Expenditure	19,002,909			
	Total	526,276,610			526,276,610

Date : 28-09-2022
UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2022

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		66,975,803	NET FIXED ASSETS(As per schedule)	310,526,906
Excess of Income over Expenditure		(48,957,270)	Building Under Constructions	16,233,343
Opening	(67,960,179)			
Current Year	19,002,909		**OTHER CURRENT ASSETS**	
LOAN FUNDS			Staff Salary advances & Loans	5,805,553
Unscured Loans		472,308,246		
Others Loan	472,308,246		Prepaid Expences	1,625,892
Secured Loans		53,363,368		
			Hire Charges Suspense	771,907
HDFC Bank	45,396,479			
Axis Bank	5,968,139		TDS / TCS receiveble	422,495
YES Bank	1,998,750			
HDFC Bank (OD A/c)		30,516,081	Telephone & Other Deposits	1,578,871
R&D GRANTS RECEIVED		227,598	Consultancy Fee Receivable	241,900
OTHER LIABILITIES		18,789,678	Tuition Fee Receivable	329,780,411
Capital Goods Sundry Creditors	18789678			
			CURRENT ASSETS	
CURRENT LIABILITIES		80,407,075	**CASH AND BANK**	5,908,545
Other Sundry Creditors	53,037,617		Cash at Bank	
Staff Salary deposits	251,790		**CASH**	
Canteen Deposit	50,000		Cash in hand	734.756
Other Provisions for Expenses	27,067,668			
		673,630,579		**673,630,579**

Date : 28-09-2022
UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

SCHEDULE - D - FIXED ASSETS FOR THE PERIOD 01.04.2021 to 31.03.2022

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.21	ADDITIONS DURING THE UPTO SEPT'21	ADDITIONS DURING THE AFTER SEPT'21	Deletions	AS AT 31.03.22	for the March'22	UP TO April 2,021	AS AT 31.03.2022	31st March 2,022	31st March 2,021
1	Land	12,041,000				12,041,000	-	0	-	12,041,000	12,041,000
2	Buildings	265,831,871	67,746,666	-		333,578,537	18,223,630	151,342,238	169,565,868	164,012,669	114,489,633
3	Furniture & Fixtures	37,154,246	1,619,591	590,329		39,364,166	1,870,445	20,364,547	22,234,992	17,129,174	16,789,699
4	Text Books Library	27,424,107	568,007	2,306,064		30,298,178	1,610,509	13,040,052	14,650,562	15,647,616	14,384,055
5	Computers Lab Equipments	86,464,652	4,490,588	12,388,780		103,344,020	10,262,498	71,493,386	81,755,884	21,588,136	14,971,266
6	Laboratory & Other Equipments	125,675,244	4,502,979	4,038,968		134,217,191	8,747,085	73,883,807	82,630,892	51,586,299	51,791,437
7	Vehicles	81,635,536	-	-		81,635,536	5,033,296	48,080,229	53,113,525	28,522,011	33,555,307
				-						-	-
	TOTAL	636,226,656	78,927,831	19,324,141	-	734,478,628	45,747,463	378,204,259	423,951,722	310,526,906	258,022,397

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2022

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	215,425,464			
To	EPF (Employer Share of Cont.)	8,831,665		FEES RECEIPTS	
To	ESI (Employer Share of Cont.)	803,175	By	Tuition Fees	387,192,500
To	Gratuity Expenses	6,452,211	By	Admission fees & Other fees	57,925,286
To	Telephone charges	269,438	By	Transportation Fee	31,730,156
To	Printing & Stationery	14,274,584	By	Interest Received on TDS	15,469
To	Electricity Charges	2,052,743	By	Interest on Electricity Deposit-(ADC)	23,760
To	Building Repairs & Maintanance Expenses	15,377,377	By	Other Income	807,135
To	College Maintanance Expenses	5,740,524			
To	Lab consumbles & Repairs Maintanance	261,569			
To	Seminars & Workshop Expenses	7,822			
To	Guest Honarorium	1,015,500			
To	Faculty Development Programe	144,480			
To	Student Projects Expenses	192,075			
To	Student Technical Activities	770,097			
To	Student Fee Concessions	4,324,100			
To	Staff Transportation Fee Concession	3,460,236			
To	Paper Publication Incentives	302,000			
To	NSS Unit Exp.	89,553			
To	Training & Placement Exp.	11,689,467			
To	Sports & Games Expences	593,280			
To	Staff Welfare & Incentives	2,004,728			
To	Students Welfare & Incentives	640,200			
To	Generator Repairs & Maintenance	802,228			
To	TSSCHE /TSCET/TAFRC Fee	601,400			
To	Fire Service Fee	96,760			
To	Periodical &Subscriptions	13,133			
To	AICTE Fee	150,000			
To	NBA Fee	882,045			
To	JNTU Common Service Fee	7,254,002			
To	Student Mirit Scholarship	79,000			
To	Postage& Telegrams	1,428			
To	Administrative Expences	99,461			
To	Membership Registration fee	232,855			
To	JNTU/Autonomous Examination Expnses	6,847,354			
To	Bank Charges	425,624			
To	Advertisement Charges	2,616,798			
To	Rates & Taxs	1,231,158			
To	Interest term Loan	4,355,234			
To	Interest on working Capital Loan	1,362,093			
To	Interest on Unsecured Loan	62,132,700			
To	Hire Charges	1,016,466			
To	Security Charges	2,142,276			
To	Insurance Charges	146,046			
To	Insurance Charges on Vehicles	1,555,075			
To	Insurance Charges on Staff Transportation Vehicles	454,952			
To	Vehicles Repairs &Transport Maintenance	7,790,392			
To	Staff Vehicles Repairs & Maintenance	628,500			
To	Garden Maintanance	509,707			
To	Functions & Celebrations Exp.	1,099,400			
To	Entertainment & Meeting Exp.	30,488			
To	Travelling & Conveyance Charges	2,286,654			
To	Internet & Website Charges	2,304,687			
To	Computer Peripherals & Maintanance	2,425,661			
To	Consultancy Service fee	527,430			
To	Architecture Consultancy Fee	1,200,000			
To	Audit fee	147,500			
To	Furniture Repairs & Maintanance	2,297,979			
To	Electrical Repairs & maintanace	3,026,967			
To	Depreciation	41,005,985			
To	Excess of income over Expenditure	23,192,581			
	Total	477,694,306			477,694,306

Date : 28-09-2022

UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2022

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		66,975,803	NET FIXED ASSETS(As per schedule)	270,132,353
Excess of Income over Expenditure		53,581,107	Building Under Constructions	16,233,343
Opening	30,388,526			
Current Year	23,192,581		**OTHER CURRENT ASSETS**	
LOAN FUNDS			Geethanjali College Of Pharmacy	175,403,256
Unscured Loans		472,308,246		
Others Loan	472,308,246		Staff Salary advances & Loans	5,720,553
Secured Loans		53,363,368	Prepaid Expences	1,625,892
HDFC Bank	45,396,479			
Axis Bank	5,968,139		Hire Charges Suspense	771,907
YES Bank	1,998,750			
HDFC Bank (OD A/c)		30,516,081	TDS / TCS receiveble	422,495
			Telephone & Other Deposits	1,578,871
R&D GRANTS RECEIVED		227,598		
			Consultancy Fee Receivable	241,900
HER LIABILITIES		18,789,678		
Sundry Creditors Capital Goods	18,789,678		Tuition Fee Receivable	277,233,411
CURRENT LIABILITIES		57,009,861	**CURRENT ASSETS**	
Other Sundry Creditors	38,981,494		**CASH AND BANK**	
Staff Salary deposits	251,790		Cash at Bank	2,697,256
Canteen Deposit	50,000		**CASH**	
Other Provisions for Expenses	17,726,577		Cash in hand	710,505
		752,771,742		**752,771,742**

Date : 28-09-2022

UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

F.Y:-2021-22 GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2021 to 31.03.2022

		GROSS BLOCK					DEPRECIATION			NET BLOCK	
Sl. No.	DESCRIPTION	AS AT 01.04.21	ADDITIONS DURING THE UPTO SEPT'21	ADDITIONS DURING THE AFTER SEPT'21	Deletions	AS AT 31.03.22	for the March'22	UP TO April 2,021	AS AT 31.03.2022	31st March 2,022	31st March 2,021
1	Land	7,836,000				7,836,000	-	-	-	7,836,000	7,836,000
2	Buildings	220,759,823	61,046,666			281,806,489	15,440,601	127,400,480	142,841,081	138,965,408	93,359,343
3	Furniture & Fixtures	32,548,098	1,619,591	590,329		34,758,018	1,632,984	18,133,013	19,765,997	14,992,021	14,415,085
4	Text Books Library	22,359,678	554,447	2,218,269		25,132,394	1,334,033	10,682,928	12,016,961	13,115,433	11,676,750
5	Computers Lab Equipments	82,057,126	3,740,588	12,223,480		98,021,194	9,831,635	67,330,368	77,162,002	20,859,192	14,726,758
6	Laboratory & Other Equipments	108,889,875	4,343,163	4,038,968		117,272,006	7,868,748	62,794,203	70,662,950	46,609,056	46,095,672
7	Vehicles	77,278,037	-	-		77,278,037	4,897,984	44,624,809	49,522,793	27,755,244	32,653,228
	TOTAL	551,728,637	71,304,455	19,071,046	-	642,104,138	41,005,985	330,965,800	371,971,785	270,132,353	220,762,837

Teja Educational Society

Secretary Secretary

TEJA EDUCATIONAL SOCIETY
GEETHANJALI COLLEGE OF PHARMACY
Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2022

	PARTICULARS	Rs		PARTICULARS	Rs
To	Salaries Staff	30,557,982			
To	EPF (Employer Share of Cont.)	1,573,824		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	97,659	By	Tuitions Fees	44,000,000
To	Telephone charges	9,247	By	Admission fees & Other fees	2,343,131
To	Printing & Stationery	1,834,163	By	Transportation Fee	2,239,173
To	Building Repairs & College Maintanance	2,114,646			
To	Lab consumbles & Repairs Maintanance	296,160			
To	Computer Peripherals &Maintanance	242,634			
To	Hospital Intentionship Fees	3,025,000			
To	Staff Vehicles Repairs & Maintenance	870,450			
To	Insurance Charges on Vehicles	351,406			
To	Staff Welfare & Incentives	181,212			
To	Student Mirit Scholarship	6,000			
To	Rates & Taxs	378,194			
To	Administrative Expenses	136,841			
To	Security Charges	347,368			
To	Sports Expenses	8,675			
To	Electricity Charges	329,348			
To	Periodical & Subscriptions Journals	294,392			
To	TASK Registration Fee	-			
To	TSSCHE /TSCET /TAFRC Fee	509,780			
To	JNTU Common Service Fee	282,881			
To	PCI Fee	442,634			
To	JNTU Examination Fee Exp.	1,364,729			
To	Postage & Telegrams	-			
To	Bank Charges	7,726			
To	Advertisement Charges	140,784			
To	Vehicles Repairs &Transport Maintenance	1,327,300			
To	Garden Maintanance	59,090			
To	Functions & Celebrations Exp.	296,957			
To	Seminars & Workshop	86,488			
To	Generator Maintenance	130,081			
To	Furniture Repairs & Maintanance	284,190			
To	Electrical Repairs & maintanance	63,478			
To	Travelling & Conveyance	70,115			
To	Internet& Website Charges	309,063			
To	Depreciation	4,741,479			
To	Loss of income over Expenditure	(4,189,672)			
	Total	48,582,304			48,582,304

Date : 28-09-2022
UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF PHARMACY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2022

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Loss of Income over Expenditure		(102,538,377)	NET FIXED ASSETS(As per schedule)	40,394,553
Opening	(98,348,705)			
Current Year	(4,189,672)			
UNSECURED LOANS			**OTHER CURRENT ASSETS**	
Geethanjali College Of Engg.&Tech.		175,403,256	Staff Salary advances & Loans	85,000
			Tuition Fee Receivable	52,547,000
CURRENT LIABILITIES			**CURRENT ASSETS**	
Other Sundry Liabilities		14,056,123	**CASH AND BANK**	
			Cash at Bank	3,211,289
PROVISIONS		9,341,091		
			Cash in hand	24,251
		96,262,093		**96,262,093**

Date : 28-09-2022
UDIN : 22022361AWEPHW7400

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

Teja Educational Society

Secretary

F.Y:-2021-22 GEETHANJALI COLLEGE OF PHARMACY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2021 to 31.03.2022

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.21	ADDITIONS DURING THE UPTO SEPT'21	ADDITIONS DURING THE AFTER SEPT'21	Deletions	AS AT 31.03.22	for the Yr. March'22	UP TO April 2,021	AS AT 31.03.2022	31st March 2,022	31st March 2,021
1	Land	4,205,000				4,205,000	-	-	-	4,205,000	4205000
2	Buildings	45,072,048	6,700,000			51,772,048	2,783,029	23,941,758	26,724,787	25,047,261	21130290
3	Furniture & Fixtures	4,606,148				4,606,148	237,461	2,231,534	2,468,995	2,137,153	2374614
4	Text Books Library	5,064,429	13,560	87,795		5,165,784	276,476	2,357,124	2,633,601	2,532,183	2707305
5	Computers Lab Equipments	4,407,526	750,000	165,300		5,322,826	430,863	4,163,018	4,593,881	728,945	244508
6	Laboratory & Other Equipment	16,785,369	159,816			16,945,185	878,337	11,089,604	11,967,941	4,977,244	5695765
7	Vehicles	4,357,499				4,357,499	135,312	3,455,420	3,590,732	766,767	902079
	TOTAL	84,498,019	7,623,376	253,095	-	92,374,490	4,741,479	47,238,458	51,979,937	40,394,553	37,259,561

Teja Educational Society

Secretary

Teja Educational Society

INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-3, ITR-4(SUGAM), ITR-5, ITR-6, ITR-7 filed and verified]
(Please see Rule 12 of the Income-tax Rules, 1962)

Assessment Year 2021-22

PAN	AAATT7624B		
Name	TEJA EDUCATIONAL SOCIETY		
Address	SY NO.33 AND 34 , CHERIYAL VILLAGE , KEESARA MANDAL , R R DIST , 36-Telangana , 91-India , 501301		
Status	AOP/BOI	Form Number	ITR-7
Filed u/s	139(1) - Return filed on or before due date	e-Filing Acknowledgement Number	287002600201221

Taxable Income and Tax details	Current Year business loss, if any	1	0
	Total Income		0
	Book Profit under MAT, where applicable	2	0
	Adjusted Total Income under AMT, where applicable	3	0
	Net tax payable	4	0
	Interest and Fee Payable	5	0
	Total tax, interest and Fee payable	6	0
	Taxes Paid	7	2,21,466
	(+)Tax Payable /(-)Refundable (6-7)	8	(-) 2,21,470
Distribution Tax details	Dividend Tax Payable	9	0
	Interest Payable	10	0
	Total Dividend tax and interest payable	11	0
	Taxes Paid	12	0
	(+)Tax Payable /(-)Refundable (11-12)	13	0
Accreted Income & Tax Detail	Accreted Income as per section 115TD	14	0
	Additional Tax payable u/s 115TD	15	0
	Interest payable u/s 115TE	16	0
	Additional Tax and interest payable	17	0
	Tax and interest paid	18	0
	(+)Tax Payable /(-)Refundable (17-18)	19	0

This return has been digitally signed by SRIDEVI GADDAM in the capacity of having PAN AEIPG7169Q from IP address 10.1.254.16 on 20-12-2021 16:46:24

DSC Sl. No. & Issuer 3487883 & 18497605CN=e-Mudhra Sub CA for Class 2 Individual 2014,OU=Certifying Authority,O=eMudhra Consumer Services Limited,C=IN

System Generated Barcode/QR Code

AAATT7624B072870026002012 21BCE6BD75C62CEAFA0BAC5E7E0D68CC0165347792

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

NAME OF ASSESSEE	: **TEJA EDUCATIONAL SOCIETY**		
PAN	: **AAATT7624B**		
OFFICE ADDRESS	: SY NO.33 AND 34, CHERIYAL VILLAGE, KEESARA MANDAL, R R DIST, TELANGANA-501301		
STATUS	: AOP (TRUST)	ASSESSMENT YEAR	: 2021 - 2022
SUB-STATUS	: PUBLIC CHARITABLE TRUST		
CLAIMING EXEMPTION UNDER	: Section 10(23C)(iv)		
WARD NO	: EXEMPTION CIRCLE 1(1)HYD	FINANCIAL YEAR	: 2020 - 2021
D.O.I.	: 09/09/2002		
EMAIL ADDRESS	: mallesham1975@gmail.com		
NATURE OF BUSINESS	: SOCIETY		
METHOD OF ACCOUNTING	: MARCANTILE SYSTEM		
NAME OF BANK	: ICICI BANK LIMITED		
MICR CODE	: 500229045		
IFSC CODE	: ICIC0001318		
ADDRESS	: KAPRA, ANDHRA PRADESH		
ACCOUNT NO.	: 131801000493		
RETURN	: ORIGINAL (FILING DATE : 20/12/2021 & NO. : 287002600201221)		

COMPUTATION OF TOTAL INCOME

INCOME NOT FORMING PART OF APPLICATION OF INCOME			NIL
AGGREGATE OF INCOME REFERRED TO IN SECTIONS 11, 12 AND SECTIONS 10(23C)(IV), 10(23C)(V), 10(23C)(VI) AND 10(23C)(VIA) DERIVED EXCLUDING VOLUNTARY CONTRIBUTION		448988323	
INCOME BEFORE APPLICATION OF INCOME		448988323	
LESS : APPLICATION OF INCOME			
AMOUNT APPLIED TO CHARITABLE OR RELIGIOUS PURPOSES - REVENUE ACCOUNT	440078279		
AMOUNT ACCUMULATED OR SET APART UPTO 15% (67348248)	8910044	448988323	NIL
GROSS TOTAL INCOME			NIL
TOTAL INCOME			NIL

COMPUTATION OF TAX ON TOTAL INCOME

TAX ON RS. NIL			NIL
LESS TAX DEDUCTED AT SOURCE			
SECTION 194C: CONTRACTORS AND SUB-CONTRACTORS	1434		
SECTION 194A: OTHER INTEREST	2852		
SECTION 206CL: SALE OF VEHICLE	62176		
SECTION 194JB: SECTION 194JB	145946		
SECTION 206CR: SECTION 206CR	9058	221466	
		-221466	
REFUNDABLE		(221466)	
TAX ROUNDED OFF U/S 288B		(221470)	

For Teja Educational Society

President

Details of Tax Deducted at Source on Income other than Salary

Sl. No.	Tax Deduction Account Number (TAN) of the Deductor	Unique TDS Certificate No.	Name and address of the Deductor	Amount paid /credited	Date of Payment /Credit	Total tax deducted	Amount claimed for this year	B/F C/F
194A : Other Interest								
1.	HYDC04738G		SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED	28520	30/06/2020	2852	2852	
			Total (Section)	**28520**		**2852**	**2852**	
194C : Contractors and sub-contractors								
1.	MUMS43851D		SANPRINTS PRIVATE LIMITED	91148	30/12/2020	1434	1434	
			Total (Section)	**91148**		**1434**	**1434**	
194JB : SECTION 194JB								
1.	HYDH03255A		HANBIT AUTONATION TECHNOLOGIES PRIVATE LIMITED	1945946	30/11/2020	145946	145946	
			Total (Section)	**1945946**		**145946**	**145946**	
			Grand Total	**2065614**		**150232**	**150232**	

Details of Tax Collected at Source on Income

Sl. No.	Tax Deduction and Tax Collection Account Number of the Collector	Name and address of the Collector	Amount received /debited	Date of receipt /debit	Total tax deducted	Amount claimed for this year
206CL : SALE OF VEHICLE						
1.	HYDH01453E	HARSHA AUTOMOTIVE PRIVATE LIMITED	2313000	06/07/2020	17348	17348
		Sub-Total (TAN)	**2313000**		**17348**	**17348**
1.	HYDS18628B	SREE KRISHNA AUTOMOTIVES HYDERABAD PRIVATE LIMITED	5977097	28/11/2020	44828	44828
		Sub-Total (TAN)	**5977097**		**44828**	**44828**
		Total (Section)	**8290097**		**62176**	**62176**
206CR : SECTION 206CR						
1.	CALS01746D	SARWOTTAM ISPAT LIMITED	7400248	17/02/2021	5549	5549
		Sub-Total (TAN)	**7400248**		**5549**	**5549**
1.	HYDJ01795D	JAIDHAR CONSTRUCTIONS	4709979	31/03/2021	3509	3509
		Sub-Total (TAN)	**4709979**		**3509**	**3509**
		Total (Section)	**12110227**		**9058**	**9058**
		Grand Total	**20400324**		**71234**	**71234**

For Teja Educational Society

President

Acknowledgement Receipt of Income Tax Forms

(Other Than Income Tax Return)

e-Filing Anywhere Anytime
Income Tax Department, Government of India

e-Filing Acknowledgement Number / Quarterly Statement Receipt Number	Date of e-Filing
286568350201221	20-Dec-2021

Name	:	TEJA EDUCATIONAL SOCIETY
PAN/TAN	:	AAATT7624B
Address	:	SY NO.33 AND 34,hyderabad,KEESARA MENDAL,36,91,501301
Form No.	:	Form 10BB
Form Description	:	Audit report under section 10(23C) of the Income-tax Act, 1961, in the case of any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of section 10(23C)
Assessment Year	:	2021-22
Financial Year	:	-
Quarter	:	-
Filing Type	:	Original
Capacity	:	Chartered Accountant
Verified By	:	ACZPG1763H

(This is a computer generated Acknowledgement Receipt and needs no signature)

FORM NO. 10BB [See rule 16CC]

e-Filing Anywhere Anytime
Income Tax Department, Government of India

Audit report under section 10(23C) of the Income-tax Act, 1961, in the case of any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of section 10(23C).

(i) We have examined the Balance Sheet as at **31 March 2021** and the Income and Expenditure or Profit and Loss Account for the year ended on that date attached herewith of **TEJA EDUCATIONAL SOCIETY** and **AAATT7624B** (Name and PAN of fund or trust or institution or any university or other educational institution or any hospital or other medical institution).

(ii) We certify that the Balance Sheet and the Income and Expenditure Account or Profit and Loss Account are in agreement with the books of account maintained by the head office at **SY NO.33 AND 34, KEESARA MENDA** and **Nil** branches.

(iii) Subject to comments below

(a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.

(b) In our opinion, proper books of account have been kept by the head office and branches of the above-named fund, or trust, or institution or any university or other educational institution or any hospital or other medical institution so far as appears from our examination of the books of account.

(c) In our opinion and to the best of our information and according to the information given to us, the said accounts read with notes thereon, if any, give a true and fair view —

(1) In the case of the Balance Sheet, of the state of affairs of the above-named fund, or trust, or institution or any university or other educational institution or any hospital or other medical institution as at **31 March 2021** and

(2) In the case of Income and Expenditure Account or Profit and Loss Account, surplus or deficit or profit or loss for the year ended on that date.

The prescribed particulars are annexed herewith :

Place	**49.206.53.178**
Date	**20-Dec-2021**
Name	**HARIBABU CHENNUPALLI**
Membership No.	**022361**
Firm Registration Number	**001064S**
Address	**SY NO.33 AND 34, KEESARA MENDAL, hyderabad, 501301, Telangana**

ANNEXURE

Statement of particulars

PART A- GENERAL

1.	Name of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution.	TEJA EDUCATIONAL SOCIETY
2.	Address	SY NO.33 AND 34, CHERIYAL VILLAGE, Cheeriyal, Keesara B.O, K.V.RANGAREDDY, Telangana, India - 501301
3.	Permanent Account Number	AAATT7624B
4.	Assessment year	2021-22
5.	Sub-clause of section 10(23C) under which the fund or trust or institution or any university or other educational institution or any hospital or other medical institution is seeking exemption.	(iv)
6.	Number and date of notification/approval of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution	1174/2002, 09-Sep-2002

PART B- Application of income for charitable or religious or educational or philanthropic purposes

7.	Nature of charitable/ religious/ educational/ philanthropic activity [as referred to in subclauses (iv),(v),(vi) or (via) of section 10(23C)]	CHARITABLE EDUCATIONAL
8.	Total income of the previous year of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution	₹ 44,89,88,323
9.	Amount of income of the previous year applied during the year wholly and exclusively to the objects for which it is established	₹ 44,00,78,279
10.	Amount of income of the previous year accumulated for application, wholly and exclusively, to the objects for which it is established, to the extent it does not exceed 15% of income of that year.	₹ 89,10,044
11.	Amount of income, exceeding 15% of income of the year, accumulated in accordance with clause (a) of the third provison to section 10(23C).	₹ 0
12.	(a) Whether, during the previous year, any part of the income, not exceeding 15% of income accumulated in any earlier year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	No
	(b) If answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	
13.	(a) Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in	No

	accordance with clause (a) of the third proviso to section 10(23C) in that year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	
	(b) If answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	
14.	Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in accordance with clause (a) of the third proviso to section 10(23C) in that year, was not utilised for purposes for which it was accumulated during the period for which it was to be accumulated?	No
	(b) If answer to (a) above is 'yes', then give details thereof, together with amount of income not so utilised.	

PART C- OTHER INFORMATION

15.	(a) Whether any funds, other than the assets or voluntary contributions referred to in clause (b) of the third proviso to section 10(23C), were invested or deposited for any period during the previous year, otherwise than in the forms and modes specified in subsection (5) of section 11.	No
	(b) If the answer to (a) above is 'yes', then give details as under:	

Sl. No.	Nature of Investment or Deposit	Amount Invested or Deposit	Period of Investment or Deposit
		No Records Added	

16.	In relation to any income being profits and gains of business, -	
	(a) whether the business was incidental to the attainment of the objectives of the fund or trust or institution or university or other educational institution or hospital or other medical institution?	Yes
	(b) whether separate books of account were maintained in respect of such business?	Yes
	(c) if the answer to (a) and/or (b) above is 'no', then state the amount of such income.	-
17.	(a) whether during the previous year, any part of the accumulated income was paid or credited to any trust or institution registered under section 12AA or to any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of clause (23C) of section 10?	No
	(b) If answer to (a) above is 'yes', then give details thereof, together with the amount of income so paid or credited	

18	(a) whether any voluntary contribution, other than voluntary contribution in cash or voluntary contribution of the nature referred to in clause (b) of the third proviso to section 10(23C), was held during the previous year, otherwise than in any of the forms or modes specified in sub-section (5) of section 11, after the expiry of one year from the end of the previous year in which such voluntary contribution was received?	No
	(b) If answer to (a) above is 'yes', then give details thereof, including the amount of such voluntary contribution	
19	(a) whether any anonymous donation referred to in section 115 BBC was received during the year?	No
	(b) If answer to (a) above is 'yes', then state the amount of such anonymous donation	-

Place 49.206.53.178

Date 20-Dec-2021

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2021

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	23,07,02,673			
To	EPF (Employer Share of Cont.)	97,15,702		FEES RECEIPTS	
To	ESI (Employer Share of Cont.)	9,14,370	By	Tuition Fees	38,70,52,500
To	Telephone charges	3,04,646	By	Admission fees & Other fees	4,14,96,772
To	Printing & Stationery	1,21,36,659	By	Transportation Fee	1,77,36,009
To	Electricity Charges	21,25,157	By	Other Income	27,03,042
To	Building Repairs & Maintanance Expenses	1,31,50,924			
To	College Maintanance Expenses	61,23,732			
To	Lab consumbles & Repairs Maintanance	3,37,313			
To	Seminars & Workshop	1,59,050			
To	Guest Honarorium	5,58,720			
To	Faculty Development Programe	19,700			
To	Student Projects Expenses	50,948			
To	Student Technical Activities	2,00,996			
To	Student Fee Concessions	40,06,000			
To	R & D Project Expenses	31,500			
To	Paper Publication Incentives	1,01,500			
To	NSS Unit Exp.	51,950			
To	Training & Placement Exp.	45,05,641			
To	Sports & Games Expences	4,506			
To	Staff Welfare & Incentives	5,65,620			
To	Hospital Intentionship Fees	30,50,000			
	Generator Maintenance	7,03,362			
To	TASK Registration Fee	40,100			
To	TSSCHE /TSCET Fee	7,05,010			
To	Periodical &Subscriptions	2,84,915			
To	NBA Fee	2,36,000			
To	PCI Fee	5,00,000			
To	JNTU Common Service Fee	79,51,150			
To	Student Mirit Scholarship	1,94,000			
To	Postage& Telegrams	5,017			
To	Administrative Expences	1,81,122			
To	Membership Registration fee	16,789			
To	JNTU/Autonomous Examination Expnses	48,34,811			
To	Bank Charges	15,99,779			
To	Advertisement Charges	42,50,439			
To	Rates & Taxs	11,14,834			
To	Interest term Loan	45,48,352			
To	Interest on working Capital Loan	21,24,665			
To	Interest on Unsecured Loan	4,99,54,096			
To	Hire Charges	10,61,716			
To	Security Charges	17,71,833			
To	Insurance Charges	4,08,643			
To	Insurance Charges on Vehicles	24,41,577			
To	Vehicles Repairs &Transport Maintenance	1,18,62,452			
To	Garden Maintanance	7,17,991			
To	Functions & Celebrations Exp.	60,509			
To	Entertainment & Meeting Exp.	11,258			
To	Travelling & Conveyance Charges	20,74,280			
To	Internet & Website Charges	22,76,673			
To	Computer Peripherals & Maintanance	14,05,835			
To	Consultancy Service fee	17,45,217			
To	Architecture Consultancy Fee	4,00,000			
To	Structural Consultancy Fee	6,50,000			
To	Audit fee	1,23,310			
To	Furniture Repairs & Maintanance	31,57,074			
To	Electrical Repairs & maintanace	41,43,761			
To	Depreciation	3,77,04,402		33,83,14,255	
To	Excess of income over Expenditure	89,10,044			
	Total	44,89,88,323			44,89,88,323

Signature valid Gaddam Sridevi Digitally signed by Gaddam Sridevi Date: 2021.12.20 16:17:39 +05:30

Signature valid CHENNUPALLI HARI BABU Digitally signed by CHENNUPALLI HARI BABU Date: 2021.12.20 16:17:39 +05:30

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2021

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		6,69,75,803	NET FIXED ASSETS(As per schedule)	25,80,22,397
Excess of Income over Expenditure		(6,79,60,179)	Building Under Constructions	2,33,13,833
Opening	(7,68,70,223)			
Current Year	89,10,044		**OTHER CURRENT ASSETS**	
LOAN FUNDS				
Unscured Loans		43,44,20,434	Staff Salary advances & Loans	9,00,824
Others Loan	43,44,20,434			
Secured Loans		6,83,56,578	Prepaid Expences	15,71,566
ICICI Bank	21,05,988			
HDFC Bank	5,24,64,747		Hire Charges Suspense	18,12,132
Axis Bank	1,11,20,843			
YES Bank	26,65,000		TDS / TCS receiveble	5,90,577
R&D GRANTS RECEIVED		8,51,514		
DRDO Project Grants-In Aid-CDA(R&D)	1,86,423		Telephone & Other Deposits	17,78,871
MTRDC(CARS)-DRDO Project-A/c	2,17,048			
JNTUH-TEQIP-III -Research Scheme	(4,836)		Consultancy Fee Receivable	1,54,000
AICTE & Other Grants (FDP)	4,52,388			
SERB Project -A/c	491		Tuition Fee Receivable	27,49,62,689
OTHER LIABILITIES		1,04,72,381		
Capital Goods Sundry Creditors	10472381		**CURRENT ASSETS**	
CURRENT LIABILITIES		5,63,45,626	**CASH AND BANK**	58,37,829
Other Sundry Creditors	4,18,63,415		Cash at Bank	
Staff Salary deposits	2,34,235		**CASH**	
Canteen Deposit	50,000		Cash in hand	5,17,440
Other Provisions for Expenses	1,41,97,976			
		56,94,62,157		**56,94,62,158**

Signature valid Gaddam Sridevi Digitally signed by Gaddam Sridevi Date: 2021.12.20 16:17:30 +05:30

Signature valid CHENNUPALLI HARI BABU Digitally signed by CHENNUPALLI HARI BABU Date: 2021.12.20 16:17:35 +05:30

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2021

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	23,07,02,673			
To	EPF (Employer Share of Cont.)	97,15,702		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	9,14,370	By	Tuition Fees	38,70,52,500
To	Telephone charges	3,04,646	By	Admission fees & Other fees	4,14,96,772
To	Printing & Stationery	1,21,36,659	By	Transportation Fee	1,77,36,009
To	Electricity Charges	21,25,157	By	Other Income	27,03,042
To	Building Repairs & Maintanance Expenses	1,31,50,924			
To	College Maintanance Expenses	61,23,732			
To	Lab consumbles & Repairs Maintanance	3,37,313			
To	Seminars & Workshop	1,59,050			
To	Guest Honarorium	5,58,720			
To	Faculty Development Programe	19,700			
To	Student Projects Expenses	50,948			
To	Student Technical Activities	2,00,996			
To	Student Fee Concessions	40,06,000			
To	R & D Project Expenses	31,500			
To	Paper Publication Incentives	1,01,500			
To	NSS Unit Exp.	51,950			
To	Training & Placement Exp.	45,05,641			
To	Sports & Games Expences	4,506			
To	Staff Welfare & Incentives	5,65,620			
To	Hospital Intentionship Fees	30,50,000			
	Generator Maintenance	7,03,362			
To	TASK Registration Fee	40,100			
To	TSSCHE /TSCET Fee	7,05,010			
To	Periodical &Subscriptions	2,84,915			
To	NBA Fee	2,36,000			
To	PCI Fee	5,00,000			
To	JNTU Common Service Fee	79,51,150			
To	Student Mirit Scholarship	1,94,000			
To	Postage& Telegrams	5,017			
To	Administrative Expences	1,81,122			
To	Membership Registration fee	16,789			
To	JNTU/Autonomous Examination Expnses	48,34,811			
To	Bank Charges	15,99,779			
To	Advertisement Charges	42,50,439			
To	Rates & Taxs	11,14,834			
To	Interest term Loan	45,48,352			
To	Interest on working Capital Loan	21,24,665			
To	Interest on Unsecured Loan	4,99,54,096			
To	Hire Charges	10,61,716			
To	Security Charges	17,71,833			
To	Insurance Charges	4,08,643			
To	Insurance Charges on Vehicles	24,41,577			
To	Vehicles Repairs &Transport Maintenance	1,18,62,452			
To	Garden Maintanance	7,17,991			
To	Functions & Celebrations Exp.	60,509			
To	Entertainment & Meeting Exp.	11,258			
To	Travelling & Conveyance Charges	20,74,280			
To	Internet & Website Charges	22,76,673			
To	Computer Peripherals & Maintanance	14,05,835			
To	Consultancy Service fee	17,45,217			
To	Architecture Consultancy Fee	4,00,000			
To	Structural Consultancy Fee	6,50,000			
To	Audit fee	1,23,310			
To	Furniture Repairs & Maintanance	31,57,074			
To	Electrical Repairs & maintanace	41,43,761			
To	Depreciation	3,77,04,402			
To	Excess of income over Expenditure	89,19,944			
	Total	44,89,88,323			44,89,88,323

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

Udin:21022361AAAAJQ4798

Date:20/12/2021

(Ch. HARI BABU) Partner
M. No. 022361

For Teja Educational Society

President

TEJA EDUCATIONAL SOCIETY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2021

LIABILITIES		Rs	ASSETS		Rs
CAPITAL			**FIXED ASSETS**		
Corpus Fund		6,69,75,803	NET FIXED ASSETS(As per schedule)		25,80,22,397
Excess of Income over Expenditure		(6,79,60,179)	Building Under Constructions		2,33,13,833
Opening	(7,68,70,223)				
Current Year	89,10,044		**OTHER CURRENT ASSETS**		
LOAN FUNDS					
Unscured Loans		43,44,20,434	Staff Salary advances & Loans		9,00,824
Others Loan	43,44,20,434				
Secured Loans		6,83,56,578	Prepaid Expences		15,71,566
ICICI Bank	21,05,988				
HDFC Bank	5,24,64,747		Hire Charges Suspense		18,12,132
Axis Bank	1,11,20,843				
YES Bank	26,65,000		TDS / TCS receivable		5,90,577
R&D GRANTS RECEIVED		8,51,514			
DRDO Project Grants-In Aid-CDA(R&D)	1,86,423		Telephone & Other Deposits		17,78,871
MTRDC(CARS)-DRDO Project-A/c	2,17,048				
JNTUH-TEQIP-III -Research Scheme	(4,836)		Consultancy Fee Receivable		1,54,000
AICTE & Other Grants (FDP)	4,52,388				
SERB Project -A/c	491		Tuition Fee Receivable		27,49,62,689
OTHER LIABILITIES		1,04,72,381			
Capital Goods Sundry Creditors	10472381		**CURRENT ASSETS**		
CURRENT LIABILITIES		5,63,45,626	**CASH AND BANK**		58,37,829
Other Sundry Creditors	4,18,63,415		Cash at Bank		
Staff Salary deposits	2,34,235		**CASH**		
Canteen Deposit	50,000		Cash in hand		5,17,440
Other Provisions for Expenses	1,41,97,976				
		56,94,62,157			**56,94,62,158**

Udin:21022361AAAAJQ4798

Date: 20/12/2021

For Teja Educational Society

President

For HARI BABU & ASSOCIATES
CHARTERED ACCOUNTANTS
Firm Regn. No. 001064S

(Ch. HARI BABU) Partner
M. No. 022361

TEJA EDUCATIONAL SOCIETY

SCHEDULE - D - FIXED ASSETS FOR THE PERIOD 01.04.2020 to 31.03.2021

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.20	ADDITIONS DURING THE UPTO SEPT'20	ADDITIONS DURING THE AFTER SEPT'20	Deletions	AS AT 31.03.21	for the March'21	UP TO April 2,020	AS AT 31.03.2021	31st March 2,021	31st March 2,020
1	Land	12,041,000				12,041,000	-	0	-	12,041,000	12,041,000
2	Buildings	254,934,465	10,897,406	-		265,831,871	12,721,070	138,621,167	151,342,238	114,489,633	116,313,298
3	Furniture & Fixtures	35,665,158	-	1,489,088		37,154,246	1,782,795	18,581,752	20,364,547	16,789,699	17,083,406
4	Text Books Library	25,611,645	-	1,812,462		27,424,107	1,497,536	11,542,516	13,040,052	14,384,055	14,069,129
5	Computers Lab Equipments	77,681,691	703,300	8,079,661		86,464,652	7,287,624	64,205,762	71,493,386	14,971,266	13,475,929
6	Laboratory & Other Equipments	122,023,057	3,150,000	502,187		125,675,244	9,095,355	64,788,452	73,883,807	51,791,437	57,234,605
7	Vehicles	72,027,875	2,790,626	6,817,035		81,635,536	5,320,022	42,760,207	48,080,229	33,555,307	29,267,667
				-						-	-
	TOTAL	599,984,891	17,541,332	18,700,433	-	636,226,656	37,704,402	340,499,857	378,204,259	258,022,397	259,485,035

For Teja Educational Society

President.

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2021

	PARTICULARS	Rs		PARTICULARS	Rs
To	Staff Salaries	199,995,901			
To	EPF (Employer Share of Cont.)	8,147,940		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	822,219	By	Tuition Fees	350,366,500
To	Telephone charges	290,903	By	Admission fees & Other fees	38,952,355
To	Printing & Stationery	11,093,375	By	Transportation Fee	15,506,660
To	Electricity Charges	1,815,020	By	Other Income	2,703,042
To	Building Repairs & Maintanance Expenses	13,003,643			
To	College Maintanance Expenses	6,123,732			
To	Lab consumbles & Repairs Maintanance	260,731			
To	Seminars & Workshop Expenses	149,800			
To	Guest Honarorium	558,720			
To	Faculty Development Programe	19,700			
To	Student Projects Expenses	50,948			
To	Student Technical Activities	200,996			
To	Student Fee Concessions	4,006,000			
To	R & D Project Expenses	31,500			
To	Paper Publication Incentives	101,500			
To	NSS Unit Exp.	51,950			
To	Training & Placement Exp.	4,505,641			
To	Sports & Games Expences	4,506			
To	Staff Welfare & Incentives	563,870			
To	Generator Repairs & Maintenance	599,461			
To	TSSCHE /TSCET Fee	666,000			
To	Periodical &Subscriptions	4,499			
To	NBA Fee	236,000			
To	JNTU Common Service Fee	6,730,100			
To	Student Mirit Scholarship	194,000			
To	Postage& Telegrams	4,759			
To	Administrative Expences	37,694			
To	Membership Registration fee	16,789			
To	JNTU/Autonomous Examination Expnses	3,535,694			
To	Bank Charges	1,591,534			
To	Advertisement Charges	3,995,629			
To	Rates & Taxs	624,559			
To	Interest term Loan	4,548,352			
To	Interest on working Capital Loan	2,124,665			
To	Interest on Unsecured Loan	49,954,096			
To	Hire Charges	1,061,716			
To	Security Charges	1,510,098			
To	Insurance Charges	408,643			
To	Insurance Charges on Vehicles	2,020,543			
To	Vehicles Repairs &Transport Maintenance	10,463,925			
To	Garden Maintanance	695,841			
To	Functions & Celebrations Exp.	54,101			
To	Entertainment & Meeting Exp.	11,258			
To	Travelling & Conveyance Charges	2,059,787			
To	Internet & Website Charges	2,046,994			
To	Computer Peripherals & Maintanance	1,330,911			
To	Consultancy Service fee	1,745,217			
To	Architecture Consultancy Fee	400,000			
To	Structural Consultancy Fee	650,000			
To	Audit fee	123,310			
To	Furniture Repairs & Maintanance	2,631,774			
To	Electrical Repairs & maintanace	3,693,710			
To	Depreciation	33,484,207			
To	Excess of income over Expenditure	16,474,096			
	Total	**407,528,557**			**407,528,557**

Date :

Geethanjali College of Engg. and Tech.

RN

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2021

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Corpus Fund		66,975,803	NET FIXED ASSETS(As per schedule)	220,762,837
Excess of Income over Expenditure		30,388,526	Building Under Constructions	23,313,833
Opening	13,914,430			
Current Year	16,474,096		**OTHER CURRENT ASSETS**	
LOAN FUNDS			Geethanjali College Of Pharmacy	158,322,321
Unscured Loans		434,420,434		
Others Loan	434,420,434		Staff Salary advances & Loans	636,024
Secured Loans		68,356,578	Prepaid Expences	1,571,566
ICICI Bank	2,105,988			
HDFC Bank	52,464,747		Hire Charges Suspense	1,812,132
Axis Bank	11,120,843			
YES Bank	2,665,000		TDS / TCS receiveble	590,577
R&D GRANTS RECEIVED		851,514		
DRDO Project Grants-In Aid-CDA(R&D)	186,423		Telephone & Other Deposits	1,778,871
MTRDC(CARS)-DRDO Project-A/c	217,048			
JNTUH-TEQIP-III -Research Scheme	(4,836)		Consultancy Fee Receivable	154,000
AICTE & Other Grants (FDP)	452,388			
SERB Project -A/c	491		Tuition Fee Receivable	233,308,126
OTHER LIABILITIES		10,472,381		
Sundry Creditors Capital Goods	10,472,381			
CURRENT LIABILITIES		36,444,671	**CURRENT ASSETS**	
Other Sundry Creditors	31,792,779		**CASH AND BANK**	
Staff Salary deposits	234,235		Cash at Bank	5,264,403
Canteen Deposit	50,000		**CASH**	
Other Provisions for Expenses	4,367,657		Cash in hand	395,218
		647,909,907		**647,909,907**

Date :

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Geethanjali College of Engg. and Tech.

Secretary

F.Y:-2020-21 GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2020 to 31.03.20201

Sl. No.	DESCRIPTION	GROSS BLOCK					DEPRECIATION			NET BLOCK	
		AS AT 01.04.20	ADDITIONS DURING THE UPTO SEPT'20	ADDITIONS DURING THE AFTER SEPT'20	Deletions	AS AT 31.03.21	for the March'21	UP TO April 2,020	AS AT 31.03.2021	31st March 2,021	31st March 2,020
1	Land	7,836,000				7,836,000				7,836,000	7,836,000
2	Buildings	209,862,417	10,897,406	-		220,759,823	10,373,260	117,027,219	127,400,480	93,359,343	92,835,198
3	Furniture & Fixtures	31,088,510	-	1,459,588		32,548,098	1,520,588	16,612,425	18,133,013	14,415,085	14,476,085
4	Text Books Library	20,699,717	-	1,659,961		22,359,678	1,205,197	9,477,731	10,682,928	11,676,750	11,221,986
5	Computers Lab Equipments	73,274,165	703,300	8,079,661		82,057,126	7,124,619	60,205,749	67,330,368	14,726,758	13,068,416
6	Laboratory & Other Equipments	105,345,266	3,150,000	394,609		108,889,875	8,099,712	54,694,491	62,794,203	46,095,672	50,650,775
7	Vehicles	67,670,376	2,790,626	6,817,035		77,278,037	5,160,831	39,463,978	44,624,809	32,653,228	26,206,398
	TOTAL	515,776,451	17,541,332	18,410,854	-	551,728,637	33,484,207	297,481,594	330,965,800	220,762,837	218,294,858

Geethanjali College of Engg. and Tech.

Secretary

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF PHARMACY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31.03.2021

	PARTICULARS	Rs		PARTICULARS	Rs
To	Salaries Staff	30,706,772			
To	EPF (Employer Share of Cont.)	1,567,762		**FEES RECEIPTS**	
To	ESI (Employer Share of Cont.)	92,151	By	Tuitions Fees	36,686,000
To	Telephone charges	13,743	By	Admission fees & Other fees	2,544,417
To	Printing & Stationery	1,043,284	By	Transportation Fee	2,229,349
To	Building Repairs & College Maintanance	147,281			
To	Lab consumbles & Repairs Maintanance	76,582			
To	Computer Peripherals &Maintanance	74,924			
To	Hospital Intentionship Fees	3,050,000			
To	Insurance Charges on Vehicles	421,034			
To	Staff Welfare & Incentives	1,750			
To	Rates & Taxs	490,275			
To	Administrative Expenses	143,428			
To	Security Charges	261,735			
To	Electricity Charges	310,137			
To	Periodical & Subscriptions Journals	280,416			
To	TASK Registration Fee	40,100			
To	TSSCHE /TSCET Fee	39,010			
To	JNTU Common Service Fee	1,221,050			
To	PCI Fee	500,000			
To	JNTU Examination Fee Exp.	1,299,117			
To	Postage & Telegrams	258			
To	Bank Charges	8,245			
To	Advertisement Charges	254,810			
To	Vehicles Repairs &Transport Maintenance	1,398,527			
To	Garden Maintanance	22,150			
To	Functions & Celebrations Exp.	6,408			
To	Seminars & Workshop	9,250			
To	Generator Maintenance	103,901			
To	Furniture Repairs & Maintanance	525,300			
To	Electrical Repairs & maintanance	450,051			
To	Travelling & Conveyance	14,493			
To	Internet& Website Charges	229,679			
To	Depreciation	4,220,195			
To	Loss of income over Expenditure	(7,564,052)			
	Total	**41,459,766**			**41,459,766**

Date :

Geethanjali College of Pharmacy

Authorised Signatory

TEJA EDUCATIONAL SOCIETY

GEETHANJALI COLLEGE OF PHARMACY

Sy.No.33 & 34, Cheeryal (V), Keesara (M).R.R.Dist.(T.S)-501 301

BALANCE SHEET AS AT 31.03.2021

LIABILITIES		Rs	ASSETS	Rs
CAPITAL			**FIXED ASSETS**	
Loss of Income over Expenditure		(98,348,705)	NET FIXED ASSETS(As per schedule)	37,259,561
Opening	(90,784,653)			
Current Year	(7,564,052)			
UNSECURED LOANS			**OTHER CURRENT ASSETS**	
Geethanjali College Of Engg.&Tech.		158,322,321	Staff Salary advances & Loans	264,800
			Tuition Fee Receivable	41,654,563
CURRENT LIABILITIES			**CURRENT ASSETS**	
Other Sundry Liabilities		10,070,636	**CASH AND BANK**	
PROVISIONS		9,830,319	Cash at Bank	573,426
			Cash in hand	122,221
		79,874,571		**79,874,571**

Date :

Geethanjali College Of Pharmacy

Authorised Signatory

F.Y:-2020-21 GEETHANJALI COLLEGE OF PHARMACY

SCHEDULE - D :- FIXED ASSETS FOR THE PERIOD 01.04.2020 to 31.03.2021

Sl. No.	DESCRIPTION	GROSS BLOCK				DEPRECIATION			NET BLOCK	
		AS AT 01.04.20	ADDITIONS DURING THE UPTO SEPT'20	ADDITIONS DURING THE AFTER SEPT'20	AS AT 31.03.21	for the Yr. March'21	UP TO April 2,020	AS AT 31.03.2021	31st March 2,021	31st March 2,020
1	Land	4,205,000			4,205,000	-	-	-	4,205,000	4205000
2	Buildings	45,072,048	-		45,072,048	2,347,810	21,593,948	23,941,758	21,130,290	23478100
3	Furniture & Fixtures	4,576,648	-	29,500	4,606,148	262,207	1,969,327	2,231,534	2,374,614	2607321
4	Text Books Library	4,911,928	-	152,501	5,064,429	292,339	2,064,785	2,357,124	2,707,305	2847143
5	Computers Lab Equipment	4,407,526	-		4,407,526	163,005	4,000,013	4,163,018	244,508	407513
6	Laboratory & Other Equipment	16,677,791	-	107,578	16,785,369	995,643	10,093,961	11,089,604	5,695,765	6583830
7	Vehicles	4,357,499	-		4,357,499	159,190	3,296,230	3,455,420	902,079	1061269
	TOTAL	**84,208,440**	**-**	**289,579**	**84,498,019**	**4,220,195**	**43,018,263**	**47,238,458**	**37,259,561**	**41,190,177**

Geethanjali College Of Pharmacy

Authorised Signatory

20. Best Practices adopted, if any: NIL

ANNEXURE-1

List of Major Equipment / Facilities :

ECE List of Major Equipment / Facilities

Sl. No	Name of the Laboratory	Lab / Major Equipments
1.	Microprocessors and Assembly Language Programming Lab	Computers with Masm software,8086 Microprocessor Kits, Interfacing Boards, CROs
2.	Project Oriented Lab	Computers with Keil software,8051 Micro Controller Kits, Arduino Boards, ARM-7 Development Board, Raspberry P13 B+ Development Trainer Kit, NODE MCU Development Trainer Kit, Interfacing Boards, DSOs
3.	Electronic Circuit Analysis and Design Lab	CROs, Function Generators, DC Regulated Power Supplies, Decade Resistance Boxes, Decade Capacitance Boxes and Decade Inductance Boxes, Voltmeters, Ammeters and Multimeters
4.	Analog Circuits Lab	CROs, Function Generators, DC Regulated Power Supplies, Decade Resistance Boxes, Decade Capacitance Boxes and Decade Inductance Boxes, Voltmeters, Ammeters and Multimeters, Power meters
5.	Digital Design Lab	Function Generators, DC Regulated Power Supplies, Multimeters, Trainer Kits
6.	Linear Integrated Circuits Lab	CROs, Function Generators, DC Regulated Power Supplies, IC Tester, Trainer Kits
7.	Semiconductor Devices and Circuits Lab	Function Generators, DC Regulated Power Supplies, Multimeters, Trainer Kits
8.	Digital Communications Lab	DSOs, Function Generators, DC Regulated Power Supplies, RF Signal Generator, Spectrum Analyzer,Digital Communication Trainer Kits
9.	Analog Communications Lab	DSOs, Function Generators, DC Regulated Power Supplies, RF Signal Generator, Spectrum Analyzer, Analog Communication Trainer Kits, AM and FM Radio Receiver
10.	Microwave Engineering Lab	Microwave benches with Klystron and Gunn Power supplies, VSWR Meter, Microwave components, DSOs, RF Signal Generators, Digital Ammeters
11.	EDA tools and Simulation Lab	Computers, MATLAB, Multisim softwares
12.	Digital Signal Processing Lab	Computers, MATLAB software, DSP Trainer Kits, Code Composer Studio
13.	Signals and Systems Lab	Computers, MATLAB software
14.	Embedded Systems and	Computers with Keil software,8051 Micro Controller Kits,

	IoT Lab	Arduino Boards, ARM-7 Development Board, Raspberry P13 B+ Development Trainer Kit, NODE MCU Development Trainer Kit, Interfacing Boards, Sensors, DSOs
15.	Smart Sensors and Instrumentation Lab	Computers with Keil software,8051 Micro Controller Kits, Arduino Boards, ARM-7 Development Board, Raspberry P13 B+ Development Trainer Kit, NODE MCU Development Trainer Kit, Interfacing Boards, Sensors, DSOs
16.	Embedded Systems Lab	Computers with Keil software,8051 Micro Controller Kits, Arduino Boards, LPC 2148 Based ARM-7 Development Board
17.	Microcontrollers and Embedded Systems Lab	Computers with Keil software,8051 Micro Controller Kits, Arduino Boards, LPC 2148 Based ARM-7 Development Board

FRESHMAN ENGINEERING

Physics Lab-I:

Sl. No.	Dept.	Name of the Laboratory	Name of the Equipment Machinery	Total Area of lab/workshop	Number Available
1	FE	Physics Lab-I	CRO'S	116sqm (R111)	2
2			Electromagnet setup, Digital power supply for electromagnets (0-60A, 60V), Digital Gauss meter, Constant Power supply, Hall crystals.		2
3			Photo sensitive device - Vacuum photo tube, Light source - 110 LED's with remote sensor, DC regulated power supply with 31/2 digit digital display, Digital ammeter(0-20μA)		2
4			Spectrometer		4
5			Travelling Microscope		4
6			Dual mode Regulated Power Supply(0-30v/2A)		4
7			LCR Board with Function Generator		4
8			Fiber optical kit		4
9			LASER Diode encapsulated 2mW, 650nm wavelength		4
10			LED &LASER Characteristics with Meters		2
11			Solar Cell Characteristics with Digital Meters and Power supply		2

12			Stewart and Gee's Method Kit		4

Physics Lab-II:

Sl. No.	Dept.	Name of the Laboratory	Name of the Equipment Machinery	Total Area of lab/workshop	Number Available
1	FE	Physics Lab-II	CRO'S	114sqm (R213 &R214)	2
2			Electromagnet setup, Digital power supply for electromagnets (0-60A, 60V), Digital Gauss meter, Constant Power supply, Hall crystals.		2
3			Photo sensitive device - Vacuum photo tube, Light source - 110 LED's with remote sensor, DC regulated power supply with 31/2 digit digital display, Digital ammeter(0-20μA)		2
4			Spectrometer		4
5			Travelling Microscope		4
6			Dual mode Regulated Power Supply(0-30v/2A)		4
7			LCR Board with Function Generator		4
8			Fiber optical kit		4
9			LASER Diode encapsulated 2mW, 650nm wavelength		4
10			LED &LASER Characteristics with Meters		2
11			Solar Cell Characteristics with Digital Meters and Power supply		2
12			Stewart and Gee's Method Kit		3

Physics Lab-III					
Sl. No.	Dept.	Name of the Laboratory	Name of the Equipment Machinery	Total Area of lab/workshop	Number Available
1		Physics Lab-III	CRO'S		2
2			Electromagnet setup, Digital power supply for electromagnets (0-60A, 60V), Digital Gauss meter, Constant Power supply, Hall crystals.		2

3	FE		Photo sensitive device - Vacuum photo tube, Light source - 110 LED's with remote sensor, DC regulated power supply with 31/2 digit digital display, Digital ammeter(0-20μA)	78sqm (RG07)	2
4			Dual mode Regulated Power Supply(0-30v/2A)		4
5			LASER Diode encapsulated 2mW, 650nm wavelength		4
6			LED &LASER Characteristics with Meters		2
7			Solar Cell Characteristics with Digital Meters and Power supply		2
8			Stewart and Gee's Method Kit		3

Engineering Chemistry Lab-I

Sl. No.	Dept.	Name of the Laboratory	Name of the Equipment Machinery	Total Area of lab/workshop	Number Available
1	FE	Engineering Chemistry Lab-I	Digital Balance	115 Sq.m (R 302)	2
2			Digital Conductometer		5
3			Digital Potentiometer		5
4			Hot air oven		1
5			Water Distillation Set		1

Engineering Chemistry Lab-II

Sl. No.	Dept.	Name of the Laboratory	Name of the Equipment Machinery	Total Area of lab/workshop	Number Available
1	FE	Engineering Chemistry Lab-II	Digital Balance	77.00Sq.m (RG 08)	2
2			Digital Conductometer		5
3			Digital Potentiometer		5
4			Hot air oven		1
5			Water Distillation Set		1

English Language Communication Skills Lab I

S.No	**Dept**	**Name of the laboratory**	**Name of the equipment**	**Total area of lab**	**Number available**
1	Freshman Engineering	English Language Communication Skills Laboratory	Computers	99 Sq m	32
2	Freshman Engineering	English Language Communication Skills Laboratory	Teacher Console	99 Sq m	1

3	Freshman Engineering	English Language Communication Skills Laboratory	Student Console [English Language Communication Skills Lab (CALL + ICS) Software V1.0]	99 Sq m	30
4	Freshman Engineering	English Language Communication Skills Laboratory	Public Address System (Amplifier, Mike and speakers)	99 Sq m	1
5	Freshman Engineering	English Language Communication Skills Laboratory	Projector	99 Sq m	1
6	Freshman Engineering	English Language Communication Skills Laboratory	Camera	99 Sq m	1

English Language Communication Skills Lab II

S.No	Dept	Name of the laboratory	Name of the equipment	Total area of lab	Number available
1	Freshman Engineering	English Language Communication Skills Laboratory	Computers	99 Sq m	32
2	Freshman Engineering	English Language Communication Skills Laboratory	Teacher Console	99 Sq m	1
3	Freshman Engineering	English Language Communication Skills Laboratory	Student Console [English Language Communication Skills Lab (CALL + ICS) Software V1.0]	99 Sq m	30
4	Freshman Engineering	English Language Communication Skills Laboratory	Public Address System (Amplifier, Mike and speakers)	99 Sq m	1
5	Freshman Engineering	English Language Communication Skills Laboratory	Projector	99 Sq m	1
6	Freshman Engineering	English Language Communication Skills Laboratory	Camera	99 Sq m	1

Department of CSE, IT & MBA

PHYSICAL LABS DATA FOR 2021-22

S No	Department	Name of the Laboratory	Lab/Major Equipments	Room No.	Total Area Sq.Mtrs	No. of Units Available
1	Computer Science and Engineering	201- DAA/ML Lab	Computer Systems- i5/1TB/8GB- with Eclipse IDE, Java JDK and/or Python IDLE, gcc installed	201	68	30
2	Computer Science and Engineering	202- OSALP/AI Lab	Computer Systems- i5/1TB/8GB- with gcc compiler and MASM Software, Python IDLE installed	202	67	30
3	Computer Science and Engineering	203- DA/WT Lab	Computer Systems- i5/1TB/8GB-with Hadoop and R Studio installed	203	68	30
4	Computer Science and Engineering	204- IOT Lab	Computer Systems- i5/1TB/8GB-with Arduino IDE, Raspberry Pi and Node MCU and IOT equipment installed	204	68	30
5	Computer Science and Engineering	205- DS Lab-1	Computer Systems- Dualcore/320/160GB-with gcc installed	205	67	30
6	Computer Science and Engineering	301- CN/WT Lab	Computer Systems- i3/1TB/4GB-with gcc (C) compiler, Packet Tracer and Network Simulator and LAMP installed	301	68	30
7	Computer Science and Engineering	302- OS Lab	Computer Systems- Dualcore/320GB/2GB-with gcc installed	302	67	30
8	Computer Science and Engineering	303- OOPS Lab	Computer Systems- i5/1TB/8GB-with Eclipse IDE, Java JDK and MySQL installed	303	68	30
9	Computer Science and Engineering	304- DBMS/SE Lab	Computer Systems- i5/1TB/8GB- with Eclipse IDE, Java JDK and MySQL & StarUML installed	304	68	30

10	Computer Science and Engineering	305&306- DS Lab-2	Computer Systems- Dualcore/320/160GB-D21	305	67	30
11	Computer Science and Engineering	R206-CN Lab	Computer Systems- i3/1TB/4GB-with gcc (C) compiler, Packet Tracer and Network Simulator installed	R206	92	60
12	Computer Science and Engineering	R310- DAA Lab	Computer Systems-i3& DualCore/ 320GB&1TB/4GB	R310	72	30
13	Computer Science and Engineering	115- Language Lab-1	Computer Systems-i3& DualCore/ 320GB&1TB/4GBComputer Systems with ACS Lab Software- V1.0 installed	115	68	36
14	Computer Science and Engineering	116- Language Lab-2	Computer Systems-i3& DualCore/ 320GB&1TB/4GBComputer Systems with ACS Lab Software- V1.0 installed	116	68	41
15	Computer Science and Engineering	N205- M.Tech Labs	Computer Systems- Dualcore/320GB/2GB-with gcc© compiler, Python IDLE, Wire Shark, JCrypt Tool, Arduino Studio, Raspberry Pi and Node MCU, R Studio, OpenMP and Pthread installed	N205	66	20
16	Computer Science and Engineering	NB104	Computers Systems, Robotics equipment	NB104	69	30
17	Information Technology	215&216- OOPS/OSALP Lab	Computer Systems- Dualcore/1TB/4GB-with Eclipse IDE, Java JDK and MySQL & MASM installed	215	68	30
18	Information Technology	217&218- DBMS/WT Lab	Computer Systems- Dualcore/1TB/4GB- with Eclipse IDE, Java JDK and MySQL & LAMP installed	217	68	30

29	Information Technology	E15-DS/DAA Lab	Computer Systems- i5/1TB/16GB-with gcc installed	E15	72	32
30	Information Technology	E16-WT/SE Lab	Computer Systems- i5/1TB/16GB-LAMP and Star Uml	E16	72	32
20	Masters in Business Administration	N219 MBA BC/BDA Lab	Computer Systems-i3& DualCore/ 320GB&1TB/4GB-Libre Office/ Ms Office installed	N219	71	36
21	Computer Science and Engineering AIML	E06-DS/DAA Lab	Computer Systems- i5/1TB/16GB-with gcc installed	E06	72	32
22	Computer Science and Engineering AIML	E07- DBMS/OSALP Lab	Computer Systems- i5/1TB/16GB-with MySQL & MASM installed	E07	72	32
23	Computer Science and Engineering CS	E09- OOPS/DAA Lab	Computer Systems- i5/1TB/16GB- with with Eclipse IDE, Java JDK and MySQL & LAMP installed	E09	72	32
24	Computer Science and Engineering CS	E10- DBMS/WT Lab	Computer Systems- i5/1TB/16GB-with MySQL & MASM installed	E10	72	32
25	Computer Science and Engineering DS	E11-DS/DAA Lab	Computer Systems- i5/1TB/16GB-with gcc installed	E11	72	32
26	Computer Science and Engineering DS	E12- DBMS/OSALP Lab	Computer Systems- i5/1TB/16GB-with MySQL & MASM installed	E12	72	32
27	Computer Science and Engineering IOT	E13- OOPS/DAA Lab	Computer Systems- i5/1TB/16GB- with with Eclipse IDE, Java JDK and MySQL & LAMP installed	E13	72	32
28	Computer Science and Engineering IOT	E14-AI/WT Lab	Computer Systems- i5/1TB/16GB-with Python Idle & LAMP installed	E14	72	32

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Annexure - I

S. No	Name of the Course	No. of Classroom/ laboratory / workshop	Total Area of lab / workshop In Sq.mtrs
1	EEE	Class Rooms : 03	226
2		Laboratory : 08	836

EEE List of Major Equipment / Facilities:

S. No	Name of the Laboratory	Name of the Equipment	Total Area of Lab/Workshop in Sq. mtrs	Number Available
1	Electrical Circuit Analysis Lab N 215	RPS 0-30V/2A	69	6
2		Resistors-1kΩ,1.5kΩ, 2.2kΩ		100
3		Single Phase Variac 230/0-270/10A		2
4		Single Phase Transformer - 1kVA		1
5		CRO (30MHz)		2
6		Loading Inductor-50/100/150mH/5A		1
7		Capacitive Load 230V/10A		1
8		Function Generator - 1MHz		1
9	Signals, Systems and Transform Techniques Lab –N 214	Computers	70	4
10		PSPICE Software		4 Users
11		Computer Systems		24
12		Octave Software		24 Users
13	Electrical Machines – I Lab G01-04	DC Shunt Motor-Generator set	254	3
14		DC Shunt Motor		1
15		DC Shunt Motor with brake drum		1
16		DC Series Motor Coupled with DC Series Generator		1
17		DC Shunt Motor coupled with DC Compound Generator		1
18		DC Shunt Motor coupled with DC Series Generator		1
19		1-Ø Transformer 3 kVA		3
20		1-Ø Transformer 1 kVA		2
21		1-Ø Transformer 2 kVA		2
22		1-Ø Auto Transformer (0-270)V		4
23	Power System Simulation Lab G 06	Equivalent Circuit of a 3 Winding Transformer Set up	81	1
24		Sequence Impedances of a		1

		Cylindrical Rotor Synchronous Machine set-up		
25		Fault analysis of 3 phase Alternator set-up		2
26		3 phase Transformer using sequence current excitation set-up		1
27		3 phase Alternator set-up		1
28		COMPUTERS		6
29		MATLAB/SCILAB/Equivalent Software		6USERS
30		3-Phase Slipring Induction Motor with Mechanical Arrangement		2
31		3-Phase SQIM Motor with Mechanical Loading Arrangement		1
32	Electrical Machines – II Lab G01-04	Single Phase Induction Motor With Mechanical Brake Drum Arrangement	254	2
33		DC Shunt Motor Coupled with Three Phase Alternator		4
34		Three Phase Synchronous Motor With Mechanical Loading Arrangement		1
35		3 Phase Variac		3
36		3 Phase Inductive Load		1
37		Time response of Second order System - Study Unit		1
38		Study of Synchro Transmitter and Receiver Pair Kit		1
39		Transfer Function of DC Shunt Motor Kit		1
40	Control Systems Lab G 14	Effect of P,PD,PI,PID controller on a second order system kit	105	1
41		Lead-Lag Compensating networks Kit		1
42		Function Generator (1 MHz)		1
43		Digital Oscilloscope (50MHz)		2
44		Transfer Function Study Module of DC Generator		1

45		Temperature Control using P,I,D Controller Kit		1
46		AC Servo Motor Speed-Torque Study Unit		1
47		Computers		6
48		Software (MATLAB/SCILAB/ Equivalent software)		6
49		SCR, MOSFET & IGBT Characteristics Study Unit		1
50		Gate Firing Unit Kits for SCR's		1
51		Single Phase AC Voltage Controller		1
52		Single Phase Fully Controlled Bridge Converter Power and Firing Unit		1
53		DC Chopper Kit		1
54		IGBT Diode Module		
55	Power Electronics Lab	SCR Diode Module	105	
56	G14	Single Phase Inverter Kit		1
57		Single Phase Cyclo Converter Power and Firing Unit		1
58		Regulated Power Supply (0-30V/2A)		2
59		Cathode Ray Oscilloscope		4
60		Digital Storage Oscilloscope		2
61		Isolation Transformer 1kVA		2
62		Computers		6
63		PSPICE/MATLAB/SCILAB /Equivalent Software		6 USERS
64		PMDC Motor		1
65		1 HP DC Motor		1
66		Three Phase Isolation Transformers		2
67		Rheostat 100 Ω/2A		1
68		Rheostat 150 Ω/5A		1
69	Electrical Drives lab	Inductive Load 150mH/5A	105	1
70	G14	Tachometer		1
71		CRO (0-30MHz)		1
72		Single Phase Isolation Transformer		1
73		Regulated Power Supply (0-30V/2A)		1
74		3 HP DC Motor		1

75		0.5HP DC Motor		1
76		3-Phase Slip Ring Induction Motor		1
77		0.5HP Induction Motor		1
78		IGBT 4-quadrant Chopper Drive for PMDC Motor with Closed Loop Control		1
79		Thyristorised Drive for 1HP DC motor with closed loop control		1
80		Thyristorised drive for 3HP DC Motor with Closed Loop Control		1
81		Three Phase Input IGBT based 4-quadrant Chopper Drive for DC Motor with Closed Loop Control-220V/0.5Hp		1
82		Speed Control of 3-phase Slip Ring Induction Motor by Static Rotor Resistance Controller		1
83		Three Phase Variac (0-470V/8A)		2
84		Cyclo Converter Kit		1
85		Computers		6
86		MATLAB		6 Users
87		Verification of Ohms Law Trainer Kit		1
88		KCL and KVL Trainer kit		1
89		Transient Response of Series RL, RC Circuits using DC Excitation Trainer Kit		1
90		Transient Response of Series RLC Circuit Using DC Excitation Trainer Kit		1
91	Basic Electrical Engineering Lab 1 and Lab 2 G13	Resonance in Series RLC Circuit Trainer Kit	106	1
92		CRO(30MHz)		2
93		Regulated Power Supply (0-30V/2A)		4
94		Function Generators(1MHz)		2
95		DC Shunt Motor Set with Brake Drum Arrangement		1
96		1-Ø Transformers (2 kVA)		2
97		1-Ø Variac (0-230V/0-		3

	270V), 10A	
98	Resistive Load Bank	1
99	C-Load 230V/5A	1
100	3-Ø Transformer (600VA)	1
101	3-Phase Variac 0-470V/4A	1
102	Three Phase Induction Motor with BDA	1
103	Shunt Motor Coupled with Alternator	1

Department of Civil Engineering

Surveying & Geomatics Lab for B. Tech. CE II Year, I Semester

S. No	Name of the Equipment	Cost (in Rupees)
1.	Total station	14,30,887
2.	Theodolite	1,00,889
3.	GPS	65,100
4.	Dumpy level	46,870
5.	Auto-level	35,154

Strength of Materials Lab for B. Tech. CE II Year, I Semester

S.No.	Name of the Equipment	Cost(in Rupees)
1.	Universal Testing Machine	461,000
2.	Torsion Testing Machine	106,920
3.	Beam Setup	80,476
4.	Compression Testing Machine	80,325
5.	Impact Testing Machine	70,470
6.	Spring Testing Machine	45,000
7.	Brinells / Rockwell hardness Testing Machine	33,300
8.	Electrical Resistance Strain Guage	23,704

Engineering Geology Lab for B. Tech. CE II Year, II Semester

S.No.	Name of the Equipment	Cost(in Rupees)
1.	Electrical Resistivity Meter	68,912
2.	Set Of Faults and Fold Models	23,350
3.	Polarised Petrological Identification Microscope	21,000
4.	Mineral Samples	16,500
5.	Rock Samples	16,500

Hydraulics and Hydraulic Machinery Lab for B. Tech. CE II Year, II Sem

S.No.	Name of the Equipment	Cost(in Rupees)
1.	Kaplan Turbine	215,000
2.	Francis Turbine	145,000
3.	Water Hammer Apparatus	130,588

4.	Pelton Wheel Turbine	125,000
5.	Centrifugal Pumps	118,750
6.	Hydraulic Jump Setup	115,500
7.	Reciprocating Pump	47,760
8.	Venturi Meter & Orifice Meter	39,850

Geotechnical Engineering Lab for III Year. B.Tech. CE– I Semester.

S.No.	Name of the Equipment	Cost(in Rupees)
1.	Triaxial testing machine	196,776
2.	Direct shear testing machine	100,000
3.	CBR Testing machine with 3 moulds	86,875
4.	Consolidation testing Machine	84,000
5.	Unconfined compression testing machine	70,000
6.	Permeability Apparatus	45,000
7.	Sieve shaker	40,000
8.	Oven	24,000

Concrete Technology & Highway Engineering Lab for B.Tech. CE III Year, I Sem

S. No.	Name of the Equipment	Cost (in Rupees)
1.	Ultra Sonic Pulse Velocity Tester	4,03,200
2.	Compression testing machine	2,43,600
3.	Splitting Tensile testing Machine	2,26,800
4.	Accelerated curing tank	1,22,862
5.	Flexure testing machine	109,200
6.	Flow table apparatus with slump cone	81,060
7.	Cement autoclave	71,000
8.	Compression Testing Machine	96,760
9.	Abrasion Testing Machine	96,138
10.	Marshal Stability Testing Machine	78,253
11.	Ductility Test setup	70,384
12.	Attrition Testing Machine	63,945
13.	Oven	45,192
14.	Specific gravity & Water Absorption Test Apparatus	45,160

Geotechnical Engineering Lab for III Year. B.Tech. CE– I Semester.

S.No.	Name of the Equipment	Cost(in Rupees)
9.	Triaxial testing machine	196,776
10.	Direct shear testing machine	100,000
11.	CBR Testing machine with 3 moulds	86,875
12.	Consolidation testing Machine	84,000
13.	Unconfined compression testing machine	70,000
14.	Permeability Apparatus	45,000
15.	Sieve shaker	40,000
16.	Oven	24,000

Environmental Engineering Lab for B. Tech. CE IV Year, I Sem

S.No.	Name of the Equipment	Cost(in Rupees)
15.	BOD Incubator	77,700
16.	COD Digestor	71,400
17.	Hot air oven	21,525
18.	Muffle Furnace	30,240
19.	Titration equipment & Setup	90,000
20.	pH Meters	17,850
21.	Turbidity Meters	36,750
22.	Conductivity Meters	28,350
23.	Dissolved Oxygen Analysers	36,750
24.	Spectrophotometer	202,365
25.	Jar Test Apparatus	43,050
26.	Vertical Autoclave	73,500

Computer Lab for B. Tech. CE II & III & IV Year

S.No.	Name of the Equipment	Cost (in Rupees)
1	Systems (Desktop Acer) (No: 72)	36,425
2	Projectors	25,000
3	Printer	8,250

Department of Mechanical Engineering

Lab Name with list of Major Equipment

Sl. No	Name of the Laboratory	Lab / Major Equipments
1.	Engineering Workshop Lab	Fitting Tools(Steel, Try sq., Divider, Dot punch etc.,), Bench Vices, Metal Pieces For Conducting Experiments, Anvil, Tongs And Black smithy Tools, Oil Fired Open Hearth Furnace, Coal Fired Open Hearth Furnace, Swage Block, Sledge Hammer, Bench Grinder, Foundry Tools(Shovel, Riddle,Rammer, Trovel etc.,) Cope and Drag box, Different Patterns, Core Boxes, Carpentry Vices, Carpentry Tools, Wood Pieces to Conduct Experiments, Wiring Tools, Wiring Cables, Tin Smithy Tools, Pipe Vice, Plumbing Tools And Pipe Samples, Power hacksaw, Drilling M/C,
2.	Materials Technology Lab	Muffle furnace, Jominy End Quench test, Specimen cutting machine, Specimen Mounting press, Belt Grinder, Dual Disc polishing M/C, Optical Microscope(metz-57), Optical Microscope(metz-780), Hardness Tester
3.	Fluid Mechanics and Hydraulic Machines Lab	F Venturi Meter, Orifice Meter, Pipe Friction Apparatus, Bernoullis Apparatus, Sudden Contraction in Pipe, Impact of Jet on Vanes, Pelton Turbine, Francis Turbine, Kaplan Turbine, Single Stage Centrifugal Pump, Multi Stage Centrifugal Pump, Reciprocating Pump, Turbine

		flow meter
4.	Mechanics of Solids Lab	Universal Testing Machine, Torsion Testing Machine, Spring Testing Machine, Izod and Charpy Impact testing Machine, Cantilever Beam, Simply Supported Beam, Hardness Testing Machine(Brinell cum Rockwell Hardness Testing Machine), Compression Testing Machine
5.	Thermal Engineering Lab	Single cylinder 4 stroke water cooled Diesel Engine Cut section Model, Single cylinder 2 stroke Air cooled petrol Engine Cut section Model, Multi cylinder 4 stroke water cooled petrol Engine test rig, single cylinder 2 stroke Air cooled petrol Engine test rig with motoring test setup, Twin Cylinder 4 stroke water Cooled Diesel Engine test rig, Single cylinder 4 stroke Air cooled petrol Engine test rig with motoring test setup, variable Compression ratio test Rig, Old Engines for Assembly and Disassembly, Two Stage Reciprocating Inter cooled Air compressor test Rig, Lamont Boiler, Babcock and Wilcox Boiler Model
6.	M Machine Drawing With AutoCAD La	Computers with AUTOCAD software Education Version
7.	Manufacturing Technology Lab	Moulding setup, sand siever, Universal Strength Machine, Permeability Meter, Arc Welding Machine, Spot Welding Machine, MIG Welding Machine, TIG Welding Machine, Water Plasma Welding Machine, Fly Press (with Press Tools), Hydraulic Press, Injection Moulding Machine, Blow Moulding Machine, Open Hearth Furnace, Wood Turning Lathe Machine, Lathe Machines, Drilling Machine, Taping tools ,Shaper, Slotting Machine, Slotting Machine, Milling Machine, Cylindrical Grinder, Surface Grinder
8.	Kinematics and Dynamics Lab	Binary link, Ternary link, Quaternary link, Kinematic pairs, Chain drive, connecting rod model, Slider crank mechanism model, Reciprocating engine, Oscillating cylinder mechanism, Whitworth quick return mechanism, Four bar link mechanism, Scotch yoke mechanism, Crank and slotted lever apparatus, Belt Drive single speed, Belt Drive two stage, Belt Drive lose and fast, Plate cam with flat faced reciprocating follower, Tangent cam with roller oscillating follower, Cylindrical cam with translating follower, Translating cam with reciprocating knife edge follower, End Cam with translating follower, Single stage spur gear, Two stage spur gear, Single stage bevel gear, Single stage helical gear, Single stage spiral gear, Epicyclic gear, Worm gear, Simple gear train with housing, Compound gear train with housing, Belt pulley apparatus, Universal vibration apparatus, Static & Dynamics balancing apparatus, Vibration measuring system, Motorized gyroscope, Field balancing of the thin rotors using vibration pickups.
9.	Mechanical	Tool makers microscope, Bevel Protractor, sine bar, slip gauges, Sprit

	Measurements and Instrumentation Lab	Level, Surface plate, Tally-surf, optical flat, pressure gauge setup, 2-wire and 3-wire test, LVDT Transducer, strain gauge module, Angle measurement Module, Rota-meter Apparatus, resistance temperature detector module, seismic apparatus
10.	Heat Transfer Lab	Thermal Conductivity of composite wall apparatus, Lagged pipe apparatus, concentric Sphere Apparatus, Thermal Conductivity of given metal rod ,Pin-Fin Apparatus, Transient Heat Conduction Apparatus, Forced Convection Apparatus, Natural Convection Apparatus, Parallel Counter Flow Apparatus, Emissivity Apparatus, Stefan Boltzmann Apparatus, Critical Heat flux Apparatus, Heat pipe Apparatus ,Film-Drop wise Condensation Apparatus
11.	CAD Lab/ CAM Lab	Computers with AUTOCAD software Version, CNC XL MILL,CNC XL TURN, Digital Vernier caliper, CNC Machines, Micrometer, Bevel protractor
12.	Digital Fabrication Lab	Computers with AUTOCAD software Version
13.	Production Drawing Practice with A AUTOCAD lab	Computers with CREO 3.0 (Software), 3D Printer, 3D Scanner
14.	Operations Research Lab	Computers with TORA software and Excel Solver

ANNEXURE 2

LIST OF EXPERIMENTAL SETUP:

DEPARTMENT OF ECE

20PH11L01-Solid State Physics Laboratory (Common to ECE & EEE)

B. Tech. ECE - I Year I Sem. Any 8 of the following eleven experiments are mandatory to perform by each student

1. Determination of Planck's constant using V-I characteristics of LED.
2. Study the characteristics of LASER source.
3. Determination of energy gap of a given semiconductor.
4. V-I Characteristics of p-n junction diode.
5. V-I characteristics of a solar cell.
6. Determination of Hall coefficient of a given semiconductor.
7. Determination of work function of a given photosensitive material.
8. Determination of magnetic field along the axis of a current carrying coil.
9. Determination of time constant of a given RC combination.
10. Determination of resonant frequency and quality factor of series LCR circuit.
11. Determination of the bending losses of optical fibres.

20CS11L01-Programming for Problem Solving - I Lab B. Tech. ECE - I Year I Sem.

List of Experiments

Week-1

Introduction to RAPTOR Tool

Draw Flow chart using RAPTOR

to,

a. Read two numbers from user and calculate addition and subtraction of those numbers
b. Read two numbers from user at the time of execution and calculate multiplication anddivision of those numbers
c. Find the square of a given number (take the number from the user)
d. Calculate the value of Y from the equation $y = x^2 + 2x + 3$ (read the value of X fromuser)

e. Calculate the area of a Circle
f. Find the sum of square of two numbers

Week-2

a. Write a C program to perform arithmetic operations
b. Write a C program to implement increment and decrement operators
c. Write a C program to implement conditional operator
a. Write a C program to implement bit wise operator

Week-3

Draw Flow chart using RAPTOR tool and Implement using C program to,

a. Check whether the given number is Positive or Negative.
b. Check whether the given number is even or odd.
c. Calculate the Largest of two numbers.
d. Check the given year is leap year or not.

Week-4

Draw Flow chart using RAPTOR tool and Implement using C program to,

a) Calculate and display the grade of a student
    a. < 30 % - Fail
    b. Between 31 and 50 – C grade
    c. Between 51 to 60 – B grade
    d. Between 61 to 75 – A grade
    e. Greater than 75 – distinction
b) Find the quadratic roots of an equation (real or imaginary)
c) Check the given number is multiple of 2,4and 8.

Week-5

Draw Flow chart using RAPTOR for,

a. Displaying n numbers using looping
b. Calculating the sum of n natural numbers
c. Calculating sum of even numbers and odd numbers from 1 to n (n value supplied bythe user)

Week-6

a. Write a C program to implement arithmetic calculator using switch-case.
b. Write a C program to find sum of n natural numbers.
c. Write a C program to find sum of individual digits of the given number
d. Write a C program to find factorial of a given number

Week-7

a. Write a C program to check the given number is prime or not.
b. Write a C program to check the given number is Palindrome or not.
c. Write a C program to display the prime numbers below n.

Week-8

a. Write a C program to find GCD and LCM of two given numbers using functions
b. Write a C program to check the given number is Armstrong number or not usingfunctions.

Week-9

a. Write a C program to find the sum of prime numbers from 1 to n using functions.
b. Write a C program to generate Fibonacci series for n number of terms.

Week-10

a. Write a C program to find the factorial of a given number using recursive function
b. Write a C program to generate the Fibonacci series using recursive function.
c. Write a C program to find GCD and LCM of two numbers using recursive

function.

Week-11

a. Write a c program to find largest and smallest numbers in a list of array elements usingfunctions
b. Write a C program to sort the given list of elements in ascending order using Bubble Sort.
c. Write a c program to search for a given element in the list of array and display the "location" if the number is found else print "the number is not found". Using fixed lengthand variable length array

Week-12

a. Find the duplicate elements in the list of sorted array
b. Write a C program that uses functions to perform the Addition of Two Matrices
c. Write a C program that uses functions to perform the Multiplication of Two Matrices

Week-13

a. Write a C program to swap two integers using following methods
   i. call by value
   ii. call by reference
b. Write a C program to find sum of even and odd numbers using functions and pointers

Week-14

a. Write a C program to find Largest Number Using Dynamic Memory Allocation.
b. Write a C program to return multiples values from a function using pointers

20EE11L01 – Basic Electrical Engineering Lab

B.Tech. ECE - I Year I Sem.Prerequisite(s): None

List of experiments:

1. Verification of KVL and KCL
2. Verification of Superposition Theorem
3. Transient Response of Series RL and RC circuits using DC excitation
4. Calculations and Verification of Impedance and Current of RL, RC andRLC series circuits
5. Resonance in series RLC circuit
6. Measurement of Voltage, Current and Real Power in primary andSecondary Circuits of a Single-Phase Transformer
7. Load Test on Single Phase Transformer (Efficiency Calculations)

8. Measurement of Active and Reactive Power in a balanced Three-phase circuit
9. Torque-Speed Characteristics of a DC Shunt Motor
10. Torque-Speed Characteristics of a Three-phase Induction Motor

Additional Experiments:

11. Verification of Thevenin's Theorem.
12. Three Phase Transformer: Verification of Relationship between Voltages and Currents (Star-Delta, Delta-Delta, Delta-star, Star- Star)

20ME11L01- Engineering Workshop
(Common to ALL Branches)
B.Tech. ECE - I Year I Sem.Prerequisite(s): **None**

I. TRADES FOR EXERCISES:

A. Carpentry exercises:

a) Making of T-lap joint from given pieces of wood as per as for the job drawing.
b) Making of mortise and tenon joint from given pieces of wood as per as for the jobdrawing.
c) Making of Bridle joint from given pieces of wood as per as for the job drawing.
d) Making of Corner lap joint from given pieces of wood as per as for the job drawing.
e) Making of cross lap joint from given pieces of wood as per as for the job drawing.

B. Fitting exercises:

a) Making of L-Fitting joint from given pieces of mild steel as per as for the job drawing.
b) Making of "V" – joint from given pieces of mild steel as per as for the job drawing.
c) Making of "Half round" joint from given pieces of mild steel as per as for the jobdrawing.
d) Making of "Dovetail" joint from given pieces of mild steel as per as for the job drawing.
e) Making of "Square" joint from given pieces of mild steel as per as for the job drawing.

C. Tin-Smithy exercises:

a) Making of an Open scoop with soldering from given G.I. sheet as for the job drawing.

b) Making of Rectangular tray with soldering from given G.I. sheet as for the job drawing.

c) Making of Cylinder with soldering from given G.I. sheet as for the job drawing.

d) Making of Hopper with soldering from given G.I. sheet as for the job drawing.

e) Make a funnel with soldering from given G.I. sheet as for the job drawing

D. Black Smithy exercises:

a) Making of an "S-Hook" from given piece of mild steel rod by hand forging.

b) Making of "U-Hook" from given piece of mild steel rod by hand forging.

c) Making of "C-Hook" from given piece of mild steel rod by hand forging.

d) Making of "Flat chisel" from given piece of mild steel rod by hand forging.

E. House-wiring exercises:

a) Practicing of Wiring for simple light circuit for controlling light/fan point (PVC conduit wiring).

b) Practicing of Wiring for light/fan circuit using two way switches (staircase wiring)

c) Measurement of voltage, current and power in a single phase circuit using voltmeter, ammeter and wattmeter. Calculate power factor of the circuit.

d) Practicing of Wiring for a water pump with single phase starter.

F. Foundry exercises:

a) Preparation of mould for the given single piece pattern with green sand.

b) Preparation of mould for the given split piece pattern with green sand.

G. Welding Practice exercises:

a) Preparation of simple butt joint using arc welding from given pieces of mild steel.

b) Preparation of lap joint using arc welding from given pieces of mild steel.

c) Preparation of corner joint using arc welding from given pieces of mild steel.

Text Books:

1. Workshop Practice /B. L. Juneja / Cengage
2. Workshop Manual / K. Venugopal / Anuradha.

Reference Books:

1. Work shop Manual – P. Kannaiah/ K. L. Narayana/ SciTech
2. Workshop Manual / Venkat Reddy/ BSP

20EN12L01 -English Language Communication Skills Lab

B.Tech. ECE - I Year II Sem.

English Language and Communication Skills Lab (ELCS) shall have two parts:

a. **Computer Assisted Language Learning (CALL) Lab**

b. **Interactive Communication Skills (ICS) Lab**

Module-I CALL Lab:

Understand: **Listening: Listening Skill-Its importance - Purpose-Process-Types-Barriers toListening.**

Practice: **Introduction to Phonetics-Speech Sounds-Vowels and Consonants-Minimal pairs.**

ICS Lab

Understand: **Communication at Work Place-Spoken vs. Written language.**

Practice: **Speaking: Ice-Breaking Activity and JAM Session. Know your partner activity.**

Module-IICALL Lab:

Understand: **Listening: Structure of Syllable, Word Stress and Rhythm, Weak Forms and Strong Forms in Context**.

Practice: **Basic Rules of Word Accent-Stress Shift-Weak Forms and Strong Forms in Context.**

ICS Lab:

Understand: **Features of Good Conversation–Non-verbal Communication.**

Practice: **Speaking: Telephone Etiquette, Situational Dialogues-Greetings-Taking LeaveMaking request and seeking permission-Introducing oneself and others.**

Module-III

CALL Lab:

Understand: **Listening: Intonation; Errors in pronunciation-The interference of MotherTongue (MTI) examples from different parts of the country.**

Practice: **Common Indian Variants in Pronunciation- Differences in British and AmericanPronunciation.**

ICS Lab:

Understand: How to make Formal Presentations.

Practice: **Speaking: Descriptions- Places, Objects, Events and Process-FormalPresentations.**

Module-IV

CALL Lab:

Understand: **Listening for General Details. (2 practice exercises)**

Practice: **Listening Comprehension Tests. (2 practice exercises)**

ICS Lab:

Understand: **Public Speaking-Debate-Exposure to Structured talks.**

Practice: **Speaking: Making a Short Speech-Extempore. (2 practice exercises, Talks. (2practice exercises) 'My Newspaper' activity.**

Module-V

CALL Lab:

Understand: **Listening: Listening for Specific Details. (2 practice exercises)**

Practice: **Listening Comprehension Tests. (2 practice exercises)**

ICS Lab:

Understand: Speaking: General Interview Skills.

Practice: **General Interview Strategies and Skills.**

Text Books:

1. Krishna Mohan & N. P Singh: *Speaking English Effectively* 2nd ed., MacMillanPublishers, 2011.
2. ELCS Lab Manual prepared by Faculty, Department of English, GCET.

Reference Books:

1. English Language Communication Skills Lab Manual cum Workbook by CengageLearning India, 2013.
2. Podcasts on Listening, Cambridge University Press.

20CS12L01 - Programming for Problem Solving - II LabB.Tech. ECE - I Year II Sem.

List of Experiments

Week 1:

a. Write a C program to find whether a given string is palindrome or not.
b. Write a C program to insert characters at a given location in a given string.
c. Write a C program to delete characters from a given string and position
d. Write a C program to print the number of vowels and consonants using Strings

Week 2:

a. Write a C program to convert Roman number to Decimal Number.
b. Write a C program to find the 2's Compliment of a given string
c. Write a C program to Reverse a String by Passing it to function
d. Write a C Program to Input a String with at least one Number, Print the Square of all the Numbers in a String

Week 3:

Write a C program to implement complex structures for the following operations.

i. Addition of two Complex numbers
ii. Multiplication of two Complex Numbers

Week 4:

a. Write a C program to implement arrays of structures?

b. Write a C program to implement bit fields in C?

Week 5:

a. Write a C Program to store the information (name, roll no, and branch) of a studentusing unions.

b. Write a C program to implement inter function communication by passing pointers toa structure.

Week 6:

Write a C program to implement singly linked list for the following operations.

a) Insertion b) Deletion c) Search

Week 7:

a. Write a C program to sort the elements using Selectionsort

b. Write a C program to sort the elements using Quick sort.

Week 8:

a. Write a C program to sort the elements using Insertion sort

b. Write a C program to search a string in a list of strings using linear search. If the string is found display the position, otherwise print "string not present".

Week 9:

Write a C program to search an element in a list of elements using Binary search. If theelement is found, display the position, otherwise print "element not present".

Week 10:

Write a C program convert infix to postfix notation and postfix evaluation using stack.

Week 11:

Write a C program implement Queue using arrays for the following operations.

i)Enqueue ii) Dequeue iii) Peek iv) Display

Week 12:

Write a C program open a new file and implement the following I/O functions.

i) fprintf(), fscanf()

ii) getw(), putw()

iii) getc(), putc()

Week 13:

a. Write a C program to copy data from one file to another.

b. Write a C program to merge two files, using command line arguments.

Week 14:

Write a C program to implement multi file programming for basic arithmetic operations

20CH12L01-Engineering Chemistry Lab B.Tech. ECE - I Year II Sem.

List of Experiments

I. Titrimetry:

1. Determination of total hardness of water by complexometric method using EDTA.
2. Determination of acid value of coconut oil.

II Instrumental Methods

A. Potentiometry

1. Estimation of HCl by Potentiometric titrations.
2. Estimation of Fe^{2+} by Potentiometry using KMnO4.

B. Conductometry

1. Estimation of HCl by Conductometric titrations.
2. Estimation of Acetic acid by Conductometric titrations.

III. Physical Constants

1. Determination of viscosity of a given liquid by using Ostwald's Viscometer.
2. Determination of surface tension of a given liquid using Stalagmometer.

IV. Synthesis

1. Synthesis of Aspirin.

V. Kinetics

1. Determination of rate constant of acid catalyzed hydrolysis of methyl acetate.

VI. Additional Experiments

1. Verification of Freundlich adsorption isotherm-adsorption of acetic acid oncharcoal.
2. Determination of partition coefficient of acetic acid between n-butanol and water.

20EC12L01 – Semiconductor Devices and Circuits Lab(Common to ECE and EEE)

B.Tech. ECE - I Year II

List of Experiments

Part A: **Electronic Workshop Practice (Two lab sessions):**

1. Identification, specification and testing of R, L, C Components, Potentiometers, Rheostats, Switches (SPST, SPDT, DPST, DPDT and DIP), Coils, Gang Condensers, Relays, Bread Boards, PCBs, Sensors (LDR, Thermistors, Piezo-Buzzers)
2. Identification, specification, testing of Active Devices - Diode, BJT, JFET, MOSFET, Power Transistor, LED, LCD.
3. Study and operation of Multimeter, Voltmeter, Ammeter, Function Generator, RegulatedPower Supply and CRO.
4. Soldering practice.

Part B: **(A minimum of 8 experiments are to be conducted)**

1. V-I characteristics of a PN junction diode.
2. Voltage regulation characteristics of Zener diode.
3. Ripple factor and percentage regulation of Half Wave Rectifier with & without filters(Capacitor filter).
4. Ripple factor and percentage regulation of Full Wave Rectifier with & without filters (Lsection).
5. Input & Output characteristics of BJT in CE Configuration and h-parameters calculation.
6. FET (Common Source) Characteristics and calculation of g_m and r_d.
7. Design and verification of Collector to Base bias circuit.
8. Design and verification of self-bias circuit for BJT.
9. Frequency response of CE amplifier.
10. Frequency response of common source FET amplifier.

Equipment required:

(a) Regulated Power Supplies (RPS) 0-30 V
(b) CROs 0-20 MHz
(c) Function Generators 0-1 MHz
(d) Multimeters
(e) Decade Resistance Boxes/ Rheostats
(f) Decade Capacitance Boxes
(g) Decade Inductance Boxes
(h) Ammeters 0-200 μA, 0-200 mA
(i) Voltmeters 0-20 V, 0-30 V
(j) Components:

Resistors, Inductors, Capacitors, BJTs, LCDs, FETs, LEDs, MOSFETs, Diodes-Ge & Si type, Transistors –NPN, PNP type, LDRs, Bread boards, Potentiometers, Rheostats, Switches – SPST, SPDT, DPST, DPDT and DIP, Coils, Gang condensers, Relays, PCBs,Thermistors, Piezo Buzzers and Power transistors.

L	T	P/D	C
-	-/-	2/-	1

20EC21L01-Signals and Systems Lab

B.Tech. ECE - II Year I Sem

List of Experiments

Note: **All the experiments are to be simulated using MATLAB/Scilab/Octave software or equivalent software**

1. Generation of Various Signals and Sequences (Periodic and Aperiodic), such as Unit Impulse, Unit Step, Square, Saw tooth, Triangular, Sinusoidal, Ramp and Sine.
2. Operations on Signals and Sequences such as Addition, Multiplication, Scaling, Shifting, Folding, Computation of Energy and Average Power, computation of the Even and Odd parts of Signal/Sequence, Real and Imaginary parts of a complex Signal.
3. Verification of Linearity and Time Invariance Properties of a given Continuous/Discrete System.
4. Convolution and Correlation between (i) Signals (ii) sequences.
5. Computation of Unit Impulse, Unit Step and sinusoidal response of the given LTI system.
6. Verification of Gibb's Phenomenon.
7. Finding the Fourier Transform of a given signal and plotting its magnitude and phase spectrum.
8. Verification of Sampling theorem
9. Waveform Synthesis
10. Locating the Poles and Zeros of the given LTI system in S-Plane and Z-Plane, andchecking the system for Physical realizability and Stability
11. Checking the given signal for Periodicity
12. Applications of Auto/Cross Correlation

Equipment required: **1. Hardware**: PCs

2. Software**: MATLAB/Scilab/Octave software or equivalentsoftware**

B. Tech ECE - II Year I Sem. 20EC21L02– Digital DesignLab

(Common to ECE and EEE)

Introduction to IC details, connections to the ICs and digital IC trainer kit.

List of Experiments: (Any **12 experiments** are to be performed choosing at least FIVE from eachPART)

PART A**: To Verify the Functionality of the following using digital IC trainer kits**

1. Study the operation of the logic gates using ICs.
2. 4-bit Binary Adder (74283).
3. 8x 1 Multiplexer 74151).4. 3-8 Decoders (74138).
5. 4-Bit Comparator (7485)
6. 8-3-line Priority Encoder (74148)
7. Study the operation of Flip-Flops (D, JK) using ICs.
8. Binary Counter (7493).
9. Universal Shift Register (74194/195).

PART B**: To design and implement the following logic circuits using ICs on the trainer kits.**

1. 4-bit Adder cum Subtractor using Full Adders (74283)
2. BCD Adder using Full Adders (74283)
3. Full Adder and Full Subtractor using:
   a) 3 to 8 Decoder (74138) b) 4 to 1 Multiplexer (74153).
4. 4 Bit Binary to Gray and Gray to Binary code converters using XOR gates.
5. Decade Counter using a Binary counter (7493).
6. Digital Clock using Counters for Seconds/Minutes/Hours.
7. Design a 4-bit Ring Counter / Twisted Ring Counter using 4-bit Shift Registers (74194/74195) and using D-flip flops (7474).

Additional Experiments:

1. BCD to Excess-3 code converter using AOI logic.
2. 2 Bit comparator using gates.
3. BCD to 7-segment driver circuit.
4. Two bit carry lookahead adder using Full Adders.

Equipment required: 1. Digital IC trainer Kits
2. Components: 74XX ICs

20EC21L03 - Electronic Circuit Analysis and Design LabB.Tech. ECE - II Year I Sem.

Prerequisite(s): **20EC12001-Semiconductor Devices and circuits 20EC12L01-Semiconductor Devices and circuits Lab**

List of Experiments: (A minimum of **TEN** Experiments are to be conducted using hardware)

1. Design of single stage RC coupled BJT amplifier
2. To determine current gain and input impedance of Darlington pair.
3. Frequency response of Current Series Feedback Amplifier
4. Design of Current Shunt Feedback Amplifier
5. Frequency response of Voltage Shunt Feedback Amplifier
6. Design of RC Phase Shift Oscillator using BJT

7. Design of Hartley Oscillator
8. Design of Colpitts Oscillator
9. Determining efficiency of Class A Power Amplifier
10. Determining efficiency of Class B Complementary- Symmetry Power Amplifier
11. Design of Single tuned amplifier.

Equipment required:

1. Regulated Power Supply (0-30V)
2. CROs (0-20 MHz / 40 MHz / 60 MHz)
3. Functions Generators (0 – 1MHz)
4. Multimeters/Voltmeters
5. Components (Resistors, Capacitors, Diodes, BJTs, FETs)
6. Trainer kits/Bread Boards.
7. Power output meter.

20EC22L01- Analog Communications LabB.Tech. ECE - II Year II Sem.

Prerequisite: 20EC21001 - Signals and systems

L	T	P/D	C
	-	2	1

List of Experiments: (A minimum of 10 experiments are to be performed)

1. Amplitude Modulation and Demodulation
2. DSB-SC Modulation and Detector
3. SSB-SC Modulator and Detector
4. Frequency Modulation and Demodulation
5. Pre-emphasis and De-emphasis
6. Verification of Sampling Theorem
7. Time Division Multiplexing and De-multiplexing
8. Frequency Division Multiplexing and De-multiplexing
9. Pulse Amplitude Modulation and Demodulation
10. Pulse Width Modulation and Demodulation
11. Pulse Position Modulation and Demodulation
12. AGC Characteristics

Equipment required:

1. RPS (Regulated Power Supply): 0-30V
2. CROs: 20MHz
3. DSOs: 50MHz
4. Function Generator: 0-1 MHz
5. Lab Trainer Kits(Minimum one of each type) for
   a. Amplitude Modulation and Demodulation
   b. Balance Modulator and Synchronous detector
   c. Single Side Band system
   d. Frequency Modulation and Demodulation
   e. Pre-emphasis and de-emphasis trainer

f. Analog/digital Time Division Multiplexing and De multiplexing
g. Frequency Division Multiplexing and De multiplexing
h. Verification of Sampling Theorem
i. Pulse Amplitude Modulation and demodulation
j. Pulse Width Modulation and demodulation
k. Pulse Position Modulation and demodulation
l. AGC Characteristics

20EC22L02 –Linear Integrated Circuits LabB.Tech. ECE - II Year II Sem

Prerequisite(s): 20EC21L03-Electronic Circuit Analysis and Design

List of Experiments: (Minimum 10 experiments are to be conducted)Design and Verify the functionality of the following:

1. Summing and Difference Amplifier using OPAMP IC 741.
2. Integrator Circuit and Differentiator circuit using OPAMP IC 741.
3. Zero Crossing Detector and Schmitt Trigger Circuits – using IC 741.
4. Active Filters–1st order Butterworth Low Pass and High Pass Filters using OPAMP IC741.
5. Waveform Generators using IC 741 – Sine and Square.
6. Monostable Multivibrator and Astable Multivibrator using IC 555.
7. Frequency Multiplier using PLL IC 565
8. Low and High Voltage Regulator using IC 723
9. R-2R ladder 3-bit DAC using IC 741
10. Positive and Negative Clipper Circuits using IC 741 and diodes
11. Half Wave and Full Wave Rectifier using IC 741 and diodes
12. Positive and Negative Clamper Circuits using IC 741 and diodes

Equipment required:

1. Regulated Power Supply (0-30V)
2. Cathode Ray Oscilloscope (20MHz)
3. Function Generators (1 MHz)
4. Multimeters/Voltmeters
5. Components
   a. **ICs - 741, 555, 723, 565.**
   b. Resistors, Capacitors, Diodes
   c. Breadboards

20CS22L04-Object Oriented Programming LabB.Tech. ECE - II Year II Sem.

Prerequisite(s): None.

LIST OF PROGRAMS

Week 1: **(Basic programs to get used to java syntax)**

Write a Java program to

a. Print the Fibonacci series up to the given number.

b. Print the reverse of the given number
c. Find factorial of the given number at command line.
d. Prompt the user for an integer and then prints out all prime numbers up to that integer

Week 2: Write a Java program to

a. Check whether a given string is a palindrome or not. Ex: MADAM is a palindrome.
b. Sort a given list of names in ascending order.
c. Find frequency count of words in a given text.

Week 3: Write a java program to

a. Illustrate creation of classes and objects
b. Illustrate constructor and method overloading
c. Create a stack ADT

Week 4: Write a java program to

a. Implement different types of inheritance
b. Illustrate method overriding and Dynamic method dispatch
c. Illustrate static keyword with variables and methods

Week 5: Write a java program to

a. Create an interface for stack of integers with abstract methods push, pop and display. Write an implementation of the above-mentioned abstract methods for a fixed size stackand a dynamic size stack.
b. Illustrate inner classes

Week 6: Write a java program to

a. Illustrate usage of try, catch, finally with multiple exceptions
b. Create user defined exceptions.

Week 7: Write a java program to

a. Create a thread by implementing Runnable interface.
b. Implement producer consumer problem using the concept of inter thread communication.

Week 8:

Write a Java program that works as a simple calculator. Use a grid layout to arrange buttons for the digits and for the+, -,*, % operations. Add a text field to display the result.

Week 9:

Write a java program that handles all mouse events and shows the event name at the centerof the window when a mouse event is fired.

Week 10:

Write a program that creates a user interface to perform integer divisions. The user enterstwo numbers in the text fields, Num1 and Num2. The division of Num1 and Num2 is displayed in the Result field when the Divide button is clicked. If Num1 or Num2 were not an integer, the program would throw a Number Format Exception. If Num2 were Zero, the program would throw an Arithmetic Exception Display the exception in a message dialog box.

Week 11:

a. Write a java program that simulates a traffic light. The program lets the user select one of three lights: red, yellow, or green. When a radio button is selected, the light is turned on, and only one light can be on at a time No light is on when the program starts.
b. Write a Java program that allows the user to draw lines, rectangles and ovals.

Week 12:

Write a java program to create an abstract class namedShape that contains an empty method named numberOfSides ( ). Provide three classes named Trapezoid, Triangle and Hexagon such that each one of the classes extends the class Shape. Each one of the classes contains only the method numberOfSides( ) that shows the number of sides in the givengeometrical figures.

Week 13:

a. Write a java Program that loads names and phone numbers from a text file where the data is organized as one line per record and each filed in a record are separated by a tab (\t). It takes

a name or phone number as input and prints the corresponding other value from the hash table (hint: use hash tables).

b. Implement the above program with database instead of a text file.

Week 14:

a. Write a java Program that takes tab separated data (one record per line) from a text fileand inserts them into a database.

b. Write a java program that prints the meta-data of a given table.

c. Write a java program that connects to a database using JDBC and does add, delete,modify and retrieve operations.

20EN31L01 - Professional Communication Skills Lab

B. Tech. ECE - III Year I Sem

Module-I

Activities on Fundamentals of Inter-Personal Communication: Responding appropriately and relevantly using the right body language, discourse skills. Resilience and Personal Management-Managing stress, time, anger and other emotions, assertiveness and culture shock.

Module-II

Activities on Reading Skills: Reading for facts, reading for specific information, reading between the lines, negative facts, inferential reading, critical reading.

Module-III

Activities on Writing Skills: Writing process, gather information, analyzing the content, formatting, editing, Resume writing and CV preparation, writing SOP, letter writing and email writing and Video Resume or Visume'.

Module-IV

Activities on Presentation Skills: Oral Presentations (individual & group), seminars, ppts and written presentations through posters, projects, portfolio building or management, brochures and reports.

Module-V

Activities on Group Discussion and Interview Skills: Dynamics of Group Discussion-Videos of Mock GDs-intervention, summarizing, body language, relevance and organization of ideas and rubrics for evaluation. Three stages of Interviews-pre ,during and post interview planning, opening strategies, answering strategies, interview through Tele-Conference and Video Conference and Mock Interviews, Videos of Mock Interviews, H.R questions, SJT questions.

Text Book(s):

1. PCS Lab Manual prepared by the Faculty of English, Freshman Engineering Department.
2. David A. Mc Murrey& Joanne Buckley: Handbook for Technical Communication, Cengage Learning Pvt. Ltd ., New Delhi, 2012.

Reference Book(s):

1. Paul V.Anderson: Technical Communication, Cengage Learning Pvt. Ltd., New Delhi, 2007.
2. O'Connor Tamara, Generic Skills Integration Project (GENSIP)Interpersonal Skills Module Exercises & Handouts, University of Dublin, Trinity College, 2003

20EC31L01 – Microprocessors and Assembly Language Programming Lab

B. Tech. ECE- III Year I Sem.

List of experiments: (Minimum 10 experiments are to be conducted using MASM software and/or Hardware Kits).

Part A: 8086: Kit and/or MASM Programming (Minimum 4 experiments to be conducted)

1. Programs for 16 bit addition and subtraction operations (using various addressing modes)
2. Programs for 16 bit multiplication and division operations (using various addressing modes)
3. Program for sorting an array
4. Program for searching for a number or character in a string
5. Program for String manipulations
6. Program to generate Fibonacci Series
7. Program for digital clock design using 8086

Part B: Interfacing with 8086 Microprocessor: (Minimum 4 experiments to be conducted)

8. Interfacing ADC and DAC to8086
9. Interfacing to 8086 and programming to control stepper motor.
10. Parallel communication between two microprocessors using 8255.
11. Serial communication between two microprocessor kits using 8251.
12. Verification of various modes of operation of 8255.
13. Interfacing LCD to 8086.
14. Interfacing Keyboard to 8086.
15. Interfacing seven segment display to 8086 using 8279.

Equipment Required:

1. 8086 Trainer Kits.
2. Interface cards :
   a) 8 bit ADC &DAC,
   b) Stepper motor
   c) 8251/8253 study cards,
   d) Keyboard/Display,
   e) LCD Display,
   f) 8255 Study card

Software Required:

MASM (Open Source)

20EC31L02 - Digital Communications Lab

B. Tech. ECE- III Year I Sem.

Prerequisite(s): 20EC22001 – Analog and Digital Communications

List of Experiments: (At least 10 experiments are to be conducted)

1. Pulse Code Modulation (PCM) - Generation and Detection
2. Differential Pulse Code Modulation (DPCM)- Generation and Detection
3. Delta Modulation and demodulation
4. Amplitude Shift Keying: Generation and Detection
5. Frequency shift keying-Generation and Detection
6. Phase Shift Keying-Generation and Detection
7. QAM: Generation and Detection
8. DPSK: Generation and Detection
9. QPSK: Generation and Detection
10. Study of the spectral characteristics of QPSK.
11. Study of Hamming Code – (7,4) bit Generation
12. Demonstration of OFDM Generation and Detection

Equipment required:

1. DSO (0-20 MHz minimum)
2. Function Generators (0.1Hz -1 MHz minimum)
3. Experimental Kits/Modules

20EC32L01 – Microcontrollers and Embedded Systems Lab

B. Tech. ECE- III Year II Sem.

List of Experiments: (Minimum of 10 experiments are to be conducted)

Using Assembly Language:

Note: The following programs are to be implemented using 8051 (Kit) and LPC2148 (Keil)

1. Programs for arithmetic and logical operations.
2. Program for finding largest number in an array.
3. Program for finding LCM of two numbers.
4. Program to generate Fibonacci Series.
5. Program to generate Multiplication Table of a number.

Using Embedded C:

6. Program to verify Timer/Counter in 8051.
7. Program to verify Interrupt Handling in 8051.
8. Verification of UART operation in 8051.
9. Interfacing Keyboard with 8051.
10. LED Blinking using LPC2148.
11. LCD interfacing with LPC2148.
12. Interfacing of temperature sensor (LM 35) with LPC2148.

20EC32L02- Digital Signal Processing Lab

B. Tech, III Year, ECE, II SemPrerequisite(s):

1. 20EC21001 - Signals and Systems
2. 20EC21L01 - Signals and Systems Lab

List of Experiments (Minimum 12 Experiments are to be conducted)

The programs shall be implemented employing MATLAB/SCILAB/OCTAVE/CC-Studio or Equivalent in software and DSP processor kits in hardware.

1. Generation of Sinusoidal waveform / signal based on recursive difference equations.
2. To find DFT / IDFT of given DT signal.
3. To find frequency response of a given system given in (Transfer Function/ Differential equation form).
4. Implementation of FFT of given sequence.
5. Determination of Power Spectrum of a given signal(s).
6. To obtain Linear Convolution of two finite length sequences.
7. Design and Implementation of LP FIR filters for given specifications.
8. Design and Implementation of HP FIR filters for given specifications.
9. Design and Implementation of LP IIR filters for given specifications.
10. Design and Implementation of HP IIR filters for given specification.
11. Implementation of Decimation Process.
12. Implementation of Interpolation Process.
13. Implementation of I/D sampling rate converters.
14. Impulse response of first order and second order systems.

20EC32L03 – Project Oriented Lab

B. Tech. ECE- III Year II Sem.

Prerequisite(s): 20EC31L01 - Microprocessors and Assembly Language Programming Lab

List of Experiments: (At least 10 experiments are to be conducted) (Minimum Two experiments from each category)

Using 8051

1. Automatic Street Light Controller.
2. Traffic signaling system for Ambulances based on priority switch.

Using ARM7

3. Voice controlled DC motors.
4. Automatic Railway gate control system.

Using Arduino

5. Home appliances control using Bluetooth.
6. Automatic vehicle accident avoidance system using Ultrasonic Sensor.
7. Gas leakage detection and automatic control system.

Using Raspberry Pi

8. Image capturing using eye blink detection.
9. Alcohol detection system.
10. Switching on lights based on human movement detection.

Using NodeMCU

11. Patient health monitoring using IoT.
12. Weather monitoring using IoT.

Equipment Required:

Computers: 15 Nos.

8051, ARM7, Arduino, Raspberry Pi and NodeMCU : 3 Kits each

18EC41L1- Embedded Systems Lab

B.Tech, IV Year, ECE, I Sem

Prerequisite: 18EC31L1 – Microprocessor and Microcontrollers Lab

List of Experiments: A minimum of 12 experiments are to be conducted (Minimum Two experiments out of 13,14,15 & 16th experiments, are mandatory)

1. Programs for arithmetic and logical operations for LPC2148
2. Program for finding largest number in an array for LPC2148.
3. Program for finding LCM of two numbers for LPC2148.
4. Program to generate Fibonacci Series using LPC2148.
5. Program to generate Multiplication Table of a number using LPC2148.
6. LED Blinking using LPC2148.
7. Buzzer Interfacing with LPC2148.
8. LCD interfacing with LPC2148.
9. Interfacing of temperature sensor with LPC2148.
10. Memory testing (Read and Write) of LPC2148.
11. Testing of I/O peripherals (ADC and DAC) of LPC2148.
12. Establishing Serial communication between LPC2148 and PC using UART.
13. Ultrasonic sensor and DC motor interfacing with Arduino.
14. GSM / GPS interfacing to Arduino
15. IR and servo motor interface to Raspberry Pi.
16. LDR sensor and LED interfacing to Raspberry Pi.

Software Required:	**Hardware required:**
1. Keil µvision-3 2. Flash Magic 3. Arduino IDE	1. Computer Systems 2. LPC 2148 trainer kits (along with sensors and actuators) 3. Arduino Kits 4. Raspberry Pi kits 5. Actuators (Servo motor, DC Motor, LED) 6. Sensors (LDR, IR, Ultrasonic) 7. GSM Module, GPS Module

18EC41L2 - Microwave Engineering Lab

B.Tech, IV Year, ECE, I Sem

List of Experiments:

1. Reflex Klystron Characteristics
2. Gunn Diode Characteristics
3. Directional Coupler Characteristics
4. VSWR Measurement
5. Measurement of Waveguide Parameters
6. Measurement of Impedance of a given Load.
7. Measurement of Scattering parameters of a E-plane and H-plane Tee
8. Measurement of Scattering parameters of a Magic Tee
9. Measurement of Scattering parameters of a Circulator
10. Measurement of Scattering parameters of a Isolator
11. Attenuation Measurement
12. Microwave Frequency Measurement.

Equipments required:

1. Microwave Bench set up with Klystron Power Supply.
2. Microwave Bench set up with Gunn Power Supply.
3. Micro Ammeter.
4. VSWR meter.
5. Microwave components
6. Cathode Ray Oscilloscope (20MHz)

18EC41L3 – EDA Tools and Simulation Lab

IV Year, B.Tech. ECE, I Sem
LIST OF EXPERIMENTS
PART – A (Minimum 4 experiments are to be conducted)

Experiments using MATLAB/ Octave or Equivalent Software

1. Generation of 3- dimensional Radiation Pattern for a dipole antenna.
2. Generation of Radiation Pattern for linear array antenna.
3. Simulation of Electrostatic fields in free space.
4. Study the performance of First order and second order systems.
5. Study the effect of PI & PD Controller on the system performance.
6. Determination of Gain Margin, Phase Margin and hence analyze the stability of a given system using Bode Plot.

PART – B (Minimum 8 experiments are to be conducted)

Experiments Using Multisim/ Pspice or Equivalent Software

1. Verify the frequency response of two stage RC coupled amplifier.
2. Verify the frequency response of voltage shunt feedback amplifier.
3. Design and Verify RC phase shift Oscillator using BJT for a given frequency ofoscillations
4. Design and Verify the frequency response of a single tuned amplifier for a given resonant frequency.
5. Design and Simulation of Constant – K Low Pass filter
6. Design and Simulation of Attenuator
7. Simulation of transient response of Second Order System
8. Design and Simulate LPF, HPF Active filters (second order Butterworth)
9. Design and Simulate generation of Sine, Square and Triangular waves using IC 741.
10. Design and Simulate Monostable and Astable Multi-vibrator using IC 555 Timer.

Equipment Required:

Computers: 30 Software: As indicated above

18EC4109 – MINI PROJECT

B.Tech, IV Year, ECE, I SemPrerequisites: None

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DEPARTMENT OF IT

20CS11L01-PROGRAMMING FOR PROBLEM SOLVING-I LAB B.Tech. IT - I Year, I

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LIST OF EXPERIMENTS

Week 1

Introduction to RAPTOR Tool Draw Flow chart using RAPTOR to,

a. Read two numbers from user and calculate addition and subtraction of those numbers
b. Read two numbers from user at the time of execution and calculate multiplication and division of those numbers
c. Find the square of a given number (take the number from the user)
d. Calculate the value of Y from the equation $y = x^2 + 2x + 3$ (read the value of X from user)
e. Calculate the area of a Circle
f. Find the sum of square of two numbers

Week 2

a. Write a C program to perform arithmetic operations
b. Write a C program to implement increment and decrement operators
c. Write a C program to implement conditional operator
d. Write a C program to implement bit wise operator

Week 3

Draw Flow chart using RAPTOR tool and Implement using C program to,

a. Check whether the given number is Positive or Negative.
b. Check whether the given number is even or odd.
c. Calculate the Largest of two numbers.
d. Check the given year is leap year or not.

Week 4

Draw Flow chart using RAPTOR tool and Implement using C program to,

a. Calculate and display the grade of a student
    i. < 30 % - Fail
    ii. Between 31 and 50 – C grade
    iii. Between 51 to 60 – B grade
    iv. Between 61 to 75 – A grade
    v. Greater than 75 – distinction
b. Find the quadratic roots of an equation (real or imaginary)
c. Check the given number is multiple of 2,4and 8.

Week 5

Draw Flow chart using RAPTOR for,

a. Displaying n numbers using looping
b. Calculating the sum of n natural numbers
c. Calculating sum of even numbers and odd numbers from 1 to n (n value supplied by the user)

Week 6

a. Write a C program to implement arithmetic calculator using switch-case.
b. Write a C program to find sum of n natural numbers.
c. Write a C program to find sum of individual digits of the given number
d. Write a C program to find factorial of a given number

Week 7

a. Write a C program to check the given number is prime or not.
b. Write a C program to check the given number is Palindrome or not.
c. Write a C program to display the prime numbers below n.

Week 8

a. Write a C program to find GCD and LCM of two given numbers using functions
b. Write a C program to check the given number is Armstrong number or not using functions.

Week 9

a. Write a C program to find the sum of prime numbers from 1 to n using functions.
b. Write a C program to generate Fibonacci series for n number of terms.

Week 10

a. Write a C program to find the factorial of a given number using recursive function
b. Write a C program to generate the Fibonacci series using recursive function.
c. Write a C program to find GCD and LCM of two numbers using recursive function.

Week 11

a. Write a c program to find largest and smallest numbers in a list of array elements using functions
b. Write a C program to sort the given list of elements in ascending order using Bubble Sort.
c. Write a c program to search for a given element in the list of array and display the "location" if the number is found else print "the number is not found". Using fixed length and variable length array

Week 12

a. Find the duplicate elements in the list of sorted array
b. Write a C program that uses functions to perform the Addition of Two Matrices
c. Write a C program that uses functions to perform the Multiplication of Two Matrices

Week 13

a. Write a C program to swap two integers using following methods
   i. call by value
   ii. call by reference
b. Write a C program to find sum of even and odd numbers using functions and pointers

Week 14

a. Write a C program to find Largest Number Using Dynamic Memory Allocation.
b. Write a C program to return multiples values from a function using pointers

20CS12L01-PROGRAMMING FOR PROBLEM SOLVING-II LAB

B.Tech. IT - I Year, II Sem.

LIST OF EXPERIMENTS

Week 1

a. Write a C program to find whether a given string is palindrome or not.
b. Write a C program to insert characters at a given location in a given string.
c. Write a C program to delete characters from a given string and position
d. Write a C program to print the number of vowels and consonants using Strings

Week 2

a. Write a C program to convert Roman number to Decimal Number.

b. Write a C program to find the 2's Compliment of a given string
c. Write a C program to Reverse a String by Passing it to function
d. Write a C Program to Input a String with at least one Number, Print the Square of all the Numbers in a String.

Week 3

Write a C program to implement complex structures for the following operations.

i. Addition of two Complex numbers

ii. Multiplication of two Complex Numbers

Week 4

a. Write a C program to implement arrays of structures?
b. Write a C program to implement bit fields in C?

Week 5

a. Write a C Program to store the information (name, roll no, and branch) of a student using unions.
b. Write a C program to implement inter function communication by passing pointers to a structure.

Week 6

Write a C program to implement singly linked list for the following operations.

a)Insertion b)Deletion c)Search

Week 7

a. Write a C program to sort the elements using Selection sort
b. Write a C program to sort the elements using Quick sort.

Week 8

a. Write a C program to sort the elements using Insertion sort
b. Write a C program to search a string in a list of strings using linear search. If the string is found display the position, otherwise print "string not present".

Week 9

Write a C program to search an element in a list of elements using Binary search. If the element is found, display the position, otherwise print "element not present".

Week 10

Write a C program convert infix to postfix notation and postfix evaluation using stack.

Week 11
Write a C program implement Queue using arrays for the following operations. i)Enqueue ii)Dequeue iii) Peek iv)Display
Week 12
Write a C program open a new file and implement the following I/O functions. i) fprintf(), fscanf() ii) getw(), putw() iii) getc(), putc()
Week 13
a. Write a C program to copy data from one file to another. b. Write a C program to merge two files, using command line arguments.
Week 14
Write a C program to implement multi file programming for basic arithmetic operations.

20CS21L01-DATA STRUCTURES LAB

B.Tech. IT - II Year, I Sem.

1. Write a C program for polynomial addition using linked lists
2. Write a C program that uses functions to perform the following:
    a. Create circularly linked lists
    b. Delete a given integer from the above linked list.
    c. Display the contents of the above list after deletion.
3. Write a C program that uses functions to perform the following:
    a. Create a doubly linked list of integers.
    b. Delete a given integer from the above doubly linked list.
    c. Display the contents of the above list after deletion
4. Write C programs to implement a Stack and Queue ADT using singly linked list.
5. Write a C program to implement the following by using stack
    a. Towers of Hanoi.
    b. Parenthesis Checker
6. Write a C program to implement Circular Queue
7. Write C programs to implement a double ended queue ADT using linked list.
8. Write a C program that uses functions to perform the following:
    a. Create a binary search tree of integers.
    b. Traverse the above Binary search tree in in-order, pre-order, post-order.
9. Write C programs for implementing the following sorting methods to arrange a list of integers in ascending order:
    a. Merge Sort
    b. Heap Sort
10. Write C programs for implementing the following sorting methods to arrange a list of integers in ascending order:
    a. Radix Sort

b. Binary insertion sort

11. Write a C program to perform the following operation:
    a. Insertion into a B-tree.
    b. Searching a B-Tree
12. Write C programs for implementing the following graph traversal algorithms:
    a. Depth first traversal
    b. Breadth first traversal
13. Write a C program to implement all the functions of a dictionary (ADT) using hashing
14. Write a C program for pattern matching algorithm (KMP).

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20CS21L02-OBJECT ORIENTED PROGRAMMING LAB

B.Tech. IT - II Year, I Sem.

LIST OF PROGRAMS

Week 1: (Basic programs to get used to java syntax) Write a Java program to

a. Print the Fibonacci series up to the given number.
b. Print the reverse of the given number
c. Find factorial of the given number at command line.
d. Prompt the user for an integer and then prints out all prime numbers up to that integer

Week 2 Write a Java program to

a. Check whether a given string is a palindrome or not. Ex: MADAM is a palindrome.
b. Sort a given list of names in ascending order.
c. Find frequency count of words in a given text.

Week 3 Write a java program to

a. Illustrate creation of classes and objects
b. Illustrate constructor and method overloading
c. Create a stack ADT

Week 4 Write a java program to

a. Implement different types of inheritance
b. Illustrate method overriding and Dynamic method dispatch
c. Illustrate static keyword with variables and methods

Week 5 Write a java program to

a. Create an interface for stack of integers with abstract methods push, pop and display. Write an implementation of the above mentioned abstract methods for a fixed size stack and a dynamic size stack.
b. Illustrate inner classes

Week 6: Write a java program to

a. Illustrate usage of try, catch, finally with multiple exceptions
b. Create user defined exceptions.

Week 7: Write a java program to

a. Create a thread by implementing Runnable interface.
b. Implement producer consumer problem using the concept of inter thread communication.

Week 8: Write a Java program that works as a simple calculator. Use a grid layout to arrange buttons for the digits and for the+, -, *, % operations. Add a text field to display the result.

Week 9: Write a java program that handles all mouse events and shows the event name at the center of the window when a mouse event is fired.

Week 10: Write a program that creates a user interface to perform integer divisions. The user enters two numbers in the text fields, Num1 and Num2. The division of Num1 and Num2 is displayed in the Result field when the Divide button is clicked. If Num1 or Num2 were not an integer, the program would throw a Number Format Exception. If Num2 were Zero, the program would throw an Arithmetic Exception Display the exception in a message dialog box.

Week 11:

a. Write a java program that simulates a traffic light. The program lets the user select one of three lights: red, yellow, or green. When a radio button is selected, the light is turned on, and only one light can be on at a time No light is on when the program starts.
b. Write a Java program that allows the user to draw lines, rectangles and ovals.

Week 12:

Write a java program to create an abstract class named Shape that contains an empty method named numberOfSides( ). Provide three classes named Trapezoid, Triangle and Hexagon such that each one of the classes extends the class Shape. Each one of the classes contains only the method numberOfSides( ) that shows the number of sides in the given geometrical figures.

Week 13:

a. Write a java Program that loads names and phone numbers from a text file where the data is organized as one line per record and each filed in a record are separated by a tab (\t). It takes a name or phone number as input and prints the corresponding other value from the hash table (hint: use hash tables).
b. Implement the above program with database instead of a text file.

Week 14:

a. Write a java Program that takes tab separated data (one record per line) from a text file and inserts them into a database.
b. Write a java program that prints the meta-data of a given table.
c. Write a java program that connects to a database using JDBC and does add, delete, modify and retrieve operations.

20CS21L03-DATABASE MANAGEMENT SYSTEMS LAB

B.Tech. IT - II Year, I Sem.

List of Experiments

1. E-R Model: Analyze the problem with the entities which identify data persisted in the database which contains entities, attributes.

2. Concept design with E-R Model: Apply cardinalities for each relationship, identify strong entities and weak entities for relationships like generalization, aggregation, specialization.

3. Relation Model: Represent attributes as columns in tables and different types of attributes

like Composite, Multi-valued, and Derived. Apply Normalization.

4. Installation of MySQL and Queries using DATA DEFINITION LANGUAGE (DDL) COMMANDS- Create, Alter, Drop, Truncate

5. Data Manipulation Language (DML) COMMANDS:- SELECT, INSERT, UPDATE, DELETE

6. Data Control Language (DCL):- GRANT, REVOKE
   Transaction Control Language (TCL) COMMANDS:- COMMIT , ROLL BACK SAVE POINT

7. In Built Functions: - DATE FUNCTION, NUMERICAL FUNCTIONS, CHARACTER FUNCTIONS, CONVERSION FUNCTION

8. Querying: Queries using ANY, ALL, IN, INTERSECT, UNION

9. Querying: Using aggregate functions COUNT, SUM using GROUPBY and HAVING
a. Using aggregate functions AVERAGE using GROUPBY and HAVING

10. Querying: NESTED QUERIES AND JOIN QUERIES: Nested Queries, Correlated sub queries, Simple Join, a) Equi-join b) Non Equi-join, Self join, Outer Join

11. Set Operators: Union, Union all, Intersect, Minus

12. Views: Creating and dropping view

13. Triggers: Creation of INSERT TRIGGER, DELETE TRIGGER, UPDATE TRIGGER

14. Procedures: Creation, Execution and Modification of stored Procedure

15. Database Design and Implementation: MINI DATABASE PROJECT

20CS22L01-DESIGN AND ANALYSIS OF ALGORITHMS LAB

B.Tech. IT - II Year, II Sem.

LIST OF LAB EXERCISES (R20)

S.No.	Name of the Program
1	Using OpenMP, implement a parallelized Merge Sort algorithm to sort a given set of elements and determine the time required to sort the elements. Repeat the experiment for different values of n, the number of elements in the list to be sorted and plot a graph of the time taken versus n. The elements can be read from a file or can be generated using the random number generator.
2	Write and implement an algorithm determining articulation points and the bi-connected components in the given graph
3	Implement an algorithm to find the minimum cost spanning tree using a) Prim's algorithm b) Kruskal's Algorithm

4	From a given vertex in a weighted connected graph, find shortest paths to other vertices using Dijkstra's algorithm.
5	Implement Job Sequencing with Deadlines algorithm and Fast Job Sequencing with Deadlines
6	Implement Matrix Chain multiplication algorithm. Parallelize this algorithm, implement it using Open and determine the speed-up achieved.
7	Implement 0/1 Knapsack problem using Dynamic Programming.
8	Implement an algorithm to find the optimal binary search tree for the given list of identifiers.
9	Find a subset of a given set S = {sl,s2,. ,sn} of n positive integers whose Sum is equal to a given positive integer d. For example, if S= {1, 2, 5, 6, 8} and d = 9 there are two solutions {1, 2, 6} and {1, 8}.A suitable message is to be displayed if the given problem instance doesn't have a solution.
10	Implement n-Queens problem using Back Tracking.
11	Write a program for Hamiltonian Cycle Problem
12	Implement the solution for TSP problem using Branch & Bound technique

20CS22L02-OPERATING SYSTEMS AND ASSEMBLY LANGUAGE PROGRAMMING LAB
B.Tech. IT - II Year, II Sem.

List of Experiments:

Week 1 Simulate the following CPU scheduling algorithms

a. First Come First Serve (FCFS)
b. Shortest Job First (SJF)
c. Priority
d. Round Robin

Week 2
Week 3

a. Simulate Multiprogramming with Variable number of Tasks (MVT)
b. imulate Multiprogramming with Fixed number of Tasks (MFT

Simulate all page replacement algorithms
Week 4 Least Recently Used (LRU)

Simulate all File Organization Techniques

a. Single level directory
b. Two level directory
c. Hierarchical directory

Week 5 Simulate all File allocation strategies

a. Sequential
b. Indexed
c. Linked

Week 6 Simulate Bankers Algorithm for Dead Lock Avoidance

Assembly Language Programming Lab

Week 1

a. Architecture of 8086 microprocessor
b. Instruction Set of 8086 microprocessor

Week 2

a. Write a program to display string "Computer Science and Engineering".
b. Write an Assembly Language Program (ALP) to display multiple strings line by line.
c. Write an Assembly Language Program (ALP) to find the maximum of three numbers.

Week 3

a. Write an Assembly Language Program (ALP) to print numbers from 0 to 9
b. Write an Assembly Language Program (ALP) to check whether a given number is even or odd.

Week 4

a. Write an Assembly Language Program (ALP) to find the factorial of a number.
b. Write an Assembly Language Program (ALP) to print fibo series up to 5 numbers.

Week 5

a. Write an Assembly Language Program (ALP) to take n values from user and calculate their sum.(BL contains the result)
b. Write an Assembly Language Program (ALP) to take n values from user and calculate maximum and minimum values

Week 6

a. Write 8086 Assembly Language Program (ALP) to transfer a block of data from one location to another.
b. Write an Assembly Language Program (ALP) to reverse the given string.
c. Write an Assembly Language Program (ALP) to perform addition of two 2X2 matrices.

Week 7

a. Write an Assembly Language Program (ALP) for linear search.
b. Write an Assembly Language Program (ALP) to take n values from user and sort them in ascending order.

20CS22L03-WEB TECHNOLOGIES LAB

B.Tech. IT - II Year, II Sem.

LIST OF LAB EXERCISES

Week 1

Write a HTML page including any required java script that takes a number from one text field in the range of 0 to 999 and shows it in another text field in words. if the number is out of range, it should show "out of range" and if it is not a number, it should show "not a number" message in the result box.

Week 2

Write a HTML page that has one input, which can take multi-line text and a submit button. Once the user clicks the submit button, it should show the number of characters, words and lines in the text entered using an alert message. Words are separated with white space and lines are separated with new line character.

Week 3

Write a HTML page that contains a selection box with a list of 5 countries. When user selects a country, its capital should be printed next to the list. Add CSS to customize the properties of the font of capital (color, bold, and font size).

Week 4

Write a XML file which will display the Book information which includes the following: Title of the book, Author Name, ISBN number, Publisher name, Edition, Price

i. Write a Document Type Definition (DTD) to validate the above XML file.

ii. Write a XSD to validate the above XML file.

Week 5

Create a XML document that contains 10 users information. Write a java Program, which takes User Id as input and returns the user details by taking the user information from XML document using (a) DOM Parser and (b) SAX parser.

Week 6

a. Write a Servlet for User validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user.
b. Modify the above Program to an xml file instead of database.

Week 7

a. Write a Servlet for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands.
b. Write a Servlet for web application that lists all cookies stored in the browser on clicking "List Cookies" button. Ass cookies if necessary.

Week 8

a. Write JSP for User validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already

available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user.

b. Write JSP for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands.

Week 9

a. Write JSP for a web application that lists all cookies stored in the browser on clicking "List Cookies" button. Ass cookies if necessary.

b. Write JSP for a web application that takes name and age from an HTML page. If the age is less than 18, it should be send a page with "Hello <name >, you are not authorized to visit this site" message, where < name> should be replaced with the entered name. Otherwise it should send "Welcome <name> to this site" message.

Week 10

a. Write PHP code for user validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user.
b. Write PHP code for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands.

Week 11

Write PHP Code Validate the following fields of registration page.

i. Name (it should contains alphabets and length at least 6 characters)
ii. Password(it should not be less than 6 characters)
iii. Email id (it should not contains any invalid character must follow the standard pattern name@domain.com)
iv. Phone number (it should contain 10 digits only)

Week 12

A web application for implementation using PHP. The user is first served login page which takes user's name and password. After submitting the details the server checks these values against the data from a database and takes the following decisions

i. If name and password match serves a welcome page with user's full name
ii. If name matches and password doesn't match, then server "password mismatch page"
iii. If name is not found in the full name, it stores, the login name, password and full name in the database. (hint: Use session for storing the submitted login name and password)

18CS32L1-WEB TECHNOLOGIES LAB

III Year. B.Tech. (IT) – I Sem

List of Lab Exercises

S.no.	Name of the program
Week 1	Write a HTML page including any required java script that takes a number from one text field in the range of 0 to 999 and shows it in another text field in words. if the number is out of range, it should show "out of range" and if it is not a number, it should show "not a number" message in the result box.
Week 2	Write a HTML page that has one input, which can take multi-line text and a submit button. Once the user clicks the submit button, it should show the number of characters, words and lines in the text entered using an alert message. Words are separated with white space and lines are separated with new line character.
Week 3	Write a HTML page that contains a selection box with a list of 5 countries. When user selects a country, its capital should be printed next to the list. Add CSS to customize the properties of the font of capital (color, bold, and font size).
Week 4	Write a XML file which will display the Book information which includes the following: Title of the book, Author Name, ISBN number, Publisher name, Edition, Price i. Write a Document Type Definition (DTD) to validate the above XML file. ii. Write a XSD to validate the above XML file.
Week 5	Create a XML document that contains 10 users information. Write a java Program, which takes User Id as input and returns the user details by taking the user information from XML document using (a) DOM Parser and (b) SAX parser.
Week 6	Create a Book Store Using JSON with JavaScript code all in one html file.
Week 7	Implement Unobtrusive CSS rules in jQuery.
Week 8	a. Write a Servlet for User validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user. b. Modify the above Program to an xml file instead of database.
Week 9	a. Write a Servlet for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands. b. Write a Servlet for web application that lists all cookies stored in the browser on clicking "List Cookies" button. Ass cookies if necessary.

Week 10	a. Write JSP for User validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user. b. Write JSP for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands.
Week 11	a. Write JSP for a web application that lists all cookies stored in the browser on clicking "List Cookies" button. Ass cookies if necessary. b. Write JSP for a web application that takes name and age from an HTML page. If the age is less than 18, it should be send a page with "Hello <name >, you are not authorized to visit this site" message, where < name> should be replaced with the entered name. Otherwise it should send "Welcome <name> to this site" message.
Week 12	a. Write PHP code for user validation web application, where the user submits a login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a
	successful login page is returned. Otherwise a failure message is shown to the user. b. Write PHP code for a simple calculator web application that takes two numbers and an operator (+,-,/,*,%) from an HTML page and returns the result page with the operation performed on the operands.
Week 13	Write PHP Code Validate the following fields of registration page. i. Name (it should contains alphabets and length at least 6 characters) ii. Password(it should not be less than 6 characters) iii. Email id (it should not contains any invalid character must follow the standard pattern name@domain.com) iv. Phone number (it should contain 10 digits only)
Week 14	A web application for implementation using PHP. The user is first served login page which takes user's name and password. After submitting the details the server checks these values against the data from a database and takes the following decisions If name and password match serves a welcome page with user's full name If name matches and password doesn't match, then server 'password mismatch' page If name is not found in the full name, it stores, the login name, password and full name in the database.(hint: Use session for storing the submitted login name and password)

18CS31L2 – COMPUTER NETWORKS LAB

III Year. B.Tech. (IT) – I Sem

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List of Exercises:

Week 1. Study of different types of Network cables and practically implement the cross-wired cable and straight through cable using Crimping tool.

Week 2. Study of different Network devices, IP in details.

Week 3. Connect the computers in LAN, Study of basic network commands and network configuration commands.

Week 4. Study of Network simulator tool and implement IP Address configuration in Network simulator tool.

Week 5. a. Configure different network topologies using CISCO packet tracer Tool.
b. Analyze the data packets Flow using Wireshark Tool.

Week 6.

a. Write a program to implement the Data link layer framing methods such as character stuffing and bit stuffing.
b. Write a program to simulate Stop and wait protocol and Sliding Window Protocols.

Week 7. Write a program to implement on a data set of characters using the three Cyclic Redundancy Check Polynomials – CRC 12, CRC 16 and CRC-CCIP.

Week 8. Write a program to simulate Carrier Sense Multiple Access/Collision Detection (CSMA/CD) and Carrier Sense Multiple Access/Collision Avoidance (CSMA/CA).

Week 9. Configure a network using Distance Vector Routing protocol and Link State Routing protocol using packet tracer tool.

Week 10. Implement Dijkstra's algorithm to compute the shortest path through a graph.

Week 11.

a. Write a program to implement Client - Server communication for chat using Transmission Control Protocol (TCP).
b. Using TCP/IP sockets, write a client - server program to make client sending the file name and the server to send back the contents of the requested file if present.

Week 12. Configure FTP Server on a Linux/Windows machine using a FTP client/SFTP client. characterize file transfer rate for a cluster of small files 100k each and a video file of 700mb.Use a TFTP client and repeat the experiment.

Week 13. Install Telnet on one of the systems connected by a switch and telnet to it from the other system. Using Wireshark tool, capture the packets and analyze the TCP 3-way Handshake for connection establishment and tear down.

Week 14. Using RSA Algorithm Encrypt a Text data and Decrypt the same.

Week 15. Develop a program to implement Ceasar/ Substitution/ Hill cipher techniques.

Software's used:

- C/ Java/ Equivalent compiler
- Network Simulator like CISCO Packet tracer tool/Wireshark tool

18IT31L3 – ARTIFICIAL INTELLIGENCE LAB

III Year. B.Tech. (IT) – I Sem

List of experiments:

Week 1: Introduction about Python

Week 2:

(a). Write a python program to print the multiplication table for the given number. (b). Write a python program to check whether the given number is prime or not. (c). Write a python program to find factorial of the given number.

Week 3: Write a python program to implement Breadth First Search Traversal.

Week 4: Write a program to implement Tic-Tac-Toe game using python.

Week 5: Write a python code to implement Water Jug Problem.

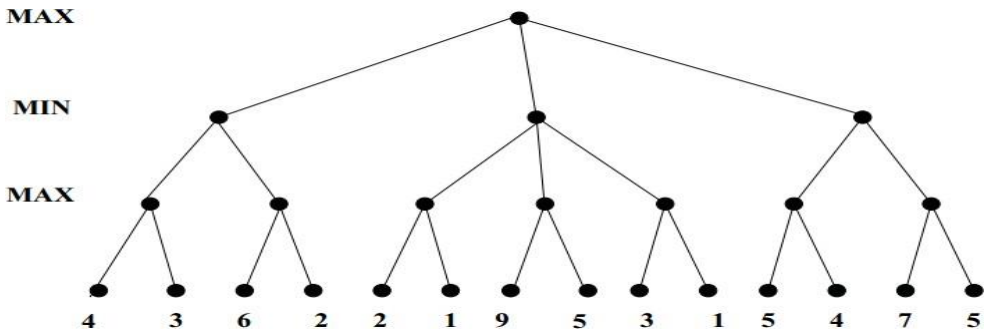
Week 6: Solve 8-puzzle problem using best first search.

Week 7: Write a python program to implement depth first search.

Week 8: Solve travelling salesman problem.

Week 9: Write a python program for Text classification of a sentence using NLTK.

Week10: Write a prolog code for min max algorithm using alpha-beta pruning by considering the following example.



Week11: Write a prolog code to find a shortest path using A* algorithm.

REFERENCES BOOK(S)

1. Artificial Intelligence, Elian Rich and Kevin Knight,1991,TMH.
2. Open a Web browser and go to https://www.python.org/downloads/.

18CS32L3 – INTERNET OF THINGS LAB

III Year. B.Tech. (IT) – II Sem

List of Experiments

1. Getting Started with IoT (Arduino).
2. Write an Arduino sketch to blink an LED Light for a particular interval of time.
3. Write an Arduino sketch to measure the distance(in cms) of a certain object.
4. Write an Arduino sketch to
   i. Blink an LED and a buzzer if the distance measured is less than a threshold value
   ii. Illustrate the working of PIR Sensor with an example.
   iii. Illustrate the IR and DHT Sensor.
5. Write a Program to send the humidity and temperature data to Cloud (ThingSpeak)
6. Write a program to alert the user through SMS and Email notification if humidity is greater than a threshold value using IFTTT and ThingSpeak cloud.
7. Write a Python program that blinks an LED at a rate of 3 second ON, 1 second OFF
8. Connect a PIR sensor to the GPIO pins of the Raspberry Pi. Perform measurements to determine the range of the sensor, i.e., start with a small distance (e.g., a few inches) and see if the motion sensor responds. Repeat these for increasing distances until the sensor stops responding. Report the measured distance.
9. Select at least 1 input sensor (not PIR) and 1 output device and make the RPi control the chosen output device in response to activity by the input device (e.g., a temperature sensor as input and two or more LEDs indicating the current temperature in binary code).
10. Write a python program for client-server based intruder detection system using mqtt application layer protocol
11. Write an Arduino sketch to blink an LED Light for a particular interval of time using wireless communication protocol.

Case study :

1.Design an intelligent patients monitoring system to monitor the patient automatically with the help of IoT that collects the status information which include patient's ECG, body temperature, humidity unexpected body movement etc. and sends these data to the cloud.

2. With the existing information, a web page is designed for this system for remote monitoring of patients health condition.

3. Assume that you are in a college, design and implement a IoT prototype to measure the amount of usage of water at a given location (take the location from user) on a day to day basis and send the information to Cloud.

18CS32L2 - SOFTWARE ENGINEERING

LAB

III Year. B.Tech.
(IT) – II Sem

ATM SYSTEM CASE STUDY

The ATM System is the project which is used to access their bank accounts in order to make cash withdrawals. Whenever the user need to make cash withdraws, they can enter their PIN number (personal identification number) and it will display the amount to be withdrawn in the form of 100's 500's and 1000's. Once their withdrawn was successful, the amount will be debited in their account. The ATM System project will be developing in VB.Net and back-end database as Microsoft-Access. VB.Net is the one of the powerful version of Framework and object oriented programming. Hence we use this software in our project.

The ATM will service one customer at a time. A customer will be required to enter ATM Card number, personal identification number (PIN) – both of which will be sent to the database for validation as part of each transaction. The customer will then be able to perform one or more transactions. Also customer must be able to make a balance inquiry of any account linked to the card. The ATM will communicate each transaction to the database and obtain verification that it was allowed by the database. In the case of a cash withdrawal, a second message will be sent after the transaction has been physically completed (cash dispensed or envelope accepted). If the database determines that the customer's PIN is invalid, the customer will be required to re-enter the PIN before a transaction can proceed.
If a transaction fails for any reason other than an invalid PIN, the ATM will display an explanation of the problem, and will then ask the customer whether he/she wants to do another transaction.
The ATM will provide the customer with a printed receipt for each successful transaction, showing the date, time, machine location, type of transaction, account(s), amount, and ending and available balance(s) of the affected account ("to" account for transfers).
Adopt the following software development strategy.

- Water fall model
- Iterative model
- Rapid-prototyping model
- Spiral model
- Unified Process

Software documentation Standard to follow:

- IEEE standard or DOD-2167A.

Milestones in the project:

1. Problem Analysis and Project Planning

Thorough study of the problem – Identify project scope, Objectives, infrastructure, and plan for the project; Document it.

2. Software Requirement Analysis

Describe the individual Phases/ modules of the project, Identify deliverables; Document it.

3. Data Modeling
Use work products – use case diagram, data flow diagram, Flow chart.

4. Software Development and Debugging
Choose programming language of your choice.

5. Software Testing
Prepare test plan, perform validation testing, coverage analysis, test case prioritization.

NOTE:

- Each student can adopt different software development life cycle (such as Water fall model, iterative model, spiral model, RAD, prototyping model etc…) and programming language combination so that each student work in unique but still conform to over all deliverable.
- Teams to be formed containing 5 in each to make the software engineering activities effectively with good coordination.
- Any other systems like(Library Management system, hospital management system, course registration system, railway reservation system) can also be done.
- If the problem statement is not mentioned explicitly, first the problem statement can be

written, then follow the same flow.

Software Testing Tools Used: Selenium, JMeter

18EN32L3– ADVANCED ENGLISH COMMUNICATION SKILLS LAB
III Year. B.Tech.
(IT) – II Sem

Prerequisites: None

Course Objectives: Develop ability to

1. Improve students‘ fluency in spoken English.
2. Enable them to acquire behavioral skills required for their personal and professional life.
3. Help students develop their vocabulary.
4. Read and comprehend texts and respond appropriately in different socio-cultural contexts.
5. Communicate their ideas.

Course Outcomes: At the end of the course, the students would be able to CO1. Acquire vocabulary and use it contextually
CO2. Demonstrate effective Listening and Speaking Skills CO3. Develop proficiency in academic reading and writing

CO4. Establish employability skills thereby increasing Job prospects CO5. Communicate confidently in formal and informal contexts

The following Course Content with activities/tasks is proposed for the Advanced English communication Skills (AECS) Lab sessions:

1. **Activities on Fundamentals of Inter-Personal Communication and Vocabulary Building:** Responding appropriately and relevantly using the right body language, Discourse skills, Word Roots, One Word Substitutes, Business Vocabulary, Analogy, Collocations and uses of vocabulary, Resilience and Personal Management, Managing stress, time, anger and other emotions, Assertiveness and Culture shock.
2. **Reading Skills:** Reading for facts, specific information, Reading between the lines, Negative facts, Inferential Reading, Critical Reading.
3. **Activities on Writing:** Writing Process, Gathering Information, Analyzing the content, Formatting, Editing, Resume Writing and C.V preparation, Writing SOP, Letter Writing, email Writing.
4. **Activities on Presentation Skills:** Oral Presentations (Individual and Group), Seminars, PPTs and Written Presentations through posters, Projects, Portfolio Writing, Brochures and Reports.
5. **Activities on Group Discussion and Interview Skills:** Dynamics of Group Discussions, intervention, summarizing, body language, relevance and organization of ideas and rubrics for evaluation, Pre-Interview Planning, opening strategies, answering strategies,

Interview through Tele-Conference and Video Conference and Mock Interviews, Videos of Mock Interviews.

REFERENCE BOOK(S)

1. Technical Communication by Meenakshi Raman & Sangeetha Sharma, Oxford University Press, 2009.
2. English Vocabulary in Use series, Cambridge University Press 2008.
3. Communication Skills by Leena Sen , PHI Learning pvt ltd, New Delhi 2009.
4. Communication Skills by Sanjay Kumar and Pushp Lata, 2nd edition, Oxford University Press.

20EN11L01- ENGLISH LANGUAGE COMMUNICATION SKILLS LAB

B.Tech. EEE - I Year, I Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): None.

English Language and Communication Skills Lab (ELCS) shall have two parts:

a. **Computer Assisted Language Learning (CALL) Lab**
b. **Interactive Communication Skills (ICS) Lab**

Module-I

CALL Lab:

Understand: Listening: Listening Skill-Its Importance-Purpose-Process-Types-Barriers to Listening.

Practice: Introduction to Phonetics-Speech Sounds-Vowels and Consonants-Minimal pairs.

ICS Lab:

Understand: Communication at Work Place-Spoken vs. Written language.

Practice: Speaking: Ice-Breaking Activity and JAM Session. Know your partner activity.

Module-II

CALL Lab:

Understand: Listening: Structure of Syllable, Word Stress and Rhythm, Weak Forms and Strong Forms in Context**.**

Practice: Basic Rules of Word Accent-Stress Shift-Weak Forms and Strong Forms in Context.

ICS Lab:

Understand: Features of Good Conversation–Non-verbal Communication.

Practice: Speaking: Telephone Etiquette, Situational Dialogues-Greetings-Taking Leave-Making request and seeking permission-Introducing oneself and others.

Module-III

CALL Lab:

Understand: Listening: Intonation; Errors in pronunciation-The interference of Mother Tongue (MTI) examples from different parts of the country.

Practice: Common Indian Variants in Pronunciation- Differences in British and American Pronunciation.

ICS Lab:

Understand: How to make Formal Presentations.

Practice: Speaking: Descriptions- Places, Objects, Events and Process-Formal Presentations.

Module-IV

CALL Lab:

Understand: Listening for General Details. (2 practice exercises)

Practice: Listening Comprehension Tests. (2 practice exercises)

ICS Lab:

Understand: Public Speaking-Debate-Exposure to Structured talks.

Practice: Speaking: Making a Short Speech-Extempore. (2 practice exercises, Talks. (2 practice exercises) 'My Newspaper' activity.

Module-V

CALL Lab:

Understand: Listening: Listening for Specific Details. (2 practice exercises)

Practice: Listening Comprehension Tests. (2 practice exercises)

ICS Lab:

Understand: Speaking: General Interview Skills.

Practice: General Interview Strategies and Skills.

20PH11L01 – SOLID STATE PHYSICS LAB

B. Tech. EEE - I Year, I Sem.
Prerequisite(s): None.

L	T	P/D	C
-	-	2/-	1

LIST OF EXPERIMENTS:

Any eight of the following eleven experiments are mandatory to perform by each student

1. Determination of Planck's constant using V-I characteristics of LED.
2. Study the characteristics of LASER source.
3. Determination of energy gap of a given semiconductor.
4. V-I Characteristics of p-n junction diode.
5. V-I characteristics of a solar cell.
6. Determination of Hall coefficient of a given semiconductor.
7. Determination of work function of a given photosensitive material.
8. Determination of magnetic field along the axis of a current carrying coil.
9. Determination of time constant of a given RC combination.
10. Determination of resonant frequency and quality factor of series LCR circuit.
11. Determination of the bending losses of optical fibers.

20CH11L01 - ENGINEERING CHEMISTRY LAB

B. Tech. EEE - I Year, I Sem.
Prerequisite(s): None.

L	T	P/D	C
-	-	2/-	1

LIST OF EXPERIMENTS:

I. Titrimetric

1. Determination of total hardness of water by complexometric method using EDTA.
2. Determination of acid value of coconut oil.

II. Instrumental Methods

A. Potentiometry

3. Estimation of HCl by Potentiometric titrations.
4. Estimation of Fe^{2+} by Potentiometry using $KMnO_4$.

B. Conductometry

5. Estimation of HCl by Conductometric titrations.
6. Estimation of Acetic acid by Conductometric titrations.

III. Physical Constants

7. Determination of viscosity of a given liquid by using Ostwald's Viscometer.
8. Determination of surface tension of a given liquid using Stalagmometer.

I. Synthesis

9. Synthesis of Aspirin.

V. Kinetics

10. Determination of rate constant of acid catalysed hydrolysis of methyl acetate.

VI. Additional Experiments

11. Verification of Freundlich adsorption isotherm-adsorption of acetic acid on charcoal.
12. Determination of partition coefficient of acetic acid between n-butanol and water.

20CS11L01 - PROGRAMMING FOR PROBLEM SOLVING - I LAB

B.Tech. EEE - I Year, I Sem.
Pre-requisite(s): None.

L	T	P/D	C
-	-	2/-	1

Week-1

Introduction to RAPTOR Tool

Draw Flow chart using RAPTOR to,

a. Read two numbers from user and calculate addition and subtraction of those numbers
b. Read two numbers from user at the time of execution and calculate multiplication and division of those numbers
c. Find the square of a given number (take the number from the user)
d. Calculate the value of Y from the equation $y = x^2 + 2x + 3$ (read the value of X from user)
e. Calculate the area of a Circle
f. Find the sum of square of two numbers

Week-2

a. Write a C program to perform arithmetic operations
b. Write a C program to implement increment and decrement operators
c. Write a C program to implement conditional operator

Write a C program to implement bit wise operator

Week-3

Draw Flow chart using RAPTOR tool and Implement using C program to,

a. Check whether the given number is Positive or Negative.
b. Check whether the given number is even or odd.
c. Calculate the Largest of two numbers.
d. Check the given year is leap year or not.

Week-4

Draw Flow chart using RAPTOR tool and Implement using C program to,

a. Calculate and display the grade of a student
   i. < 30 % - Fail
   ii. Between 31 and 50 – C grade
   iii. Between 51 to 60 – B grade
   iv. Between 61 to 75 – A grade
   v. Greater than 75 – distinction
b. Find the quadratic roots of an equation (real or imaginary)
c. Check the given number is multiple of 2,4and 8.

Week-5

Draw Flow chart using RAPTOR for,

a. Displaying n numbers using looping
b. Calculating the sum of n natural numbers

Calculating sum of even numbers and odd numbers from 1 to n (n value supplied by the user)

Week-6

a. Write a C program to implement arithmetic calculator using switch-case.
b. Write a C program to find sum of n natural numbers.
c. Write a C program to find sum of individual digits of the given number
d. Write a C program to find factorial of a given number

Week-7

a. Write a C program to check the given number is prime or not.
b. Write a C program to check the given number is Palindrome or not
c. Write a C program to display the prime numbers below n.

Week-8

a. Write a C program to find GCD and LCM of two given numbers using functions
b. Write a C program to check the given number is Armstrong number or not using functions.

Week-9

a. Write a C program to find the sum of prime numbers from 1 to n using functions.
b. Write a C program to generate Fibonacci series for n number of terms.

Week-10

a. Write a C program to find the factorial of a given number using recursive function
b. Write a C program to generate the Fibonacci series using recursive function.
c. Write a C program to find GCD and LCM of two numbers using recursive function.

Week-11

a. Write a c program to find largest and smallest numbers in a list of array elements using functions
b. Write a C program to sort the given list of elements in ascending order using Bubble Sort.
c. Write a c program to search for a given element in the list of array and display the

"location" if the number is found else print "the number is not found". Using fixed length and variable length array
Week-12 a. Find the duplicate elements in the list of sorted array b. Write a C program that uses functions to perform the Addition of Two Matrices c. Write a C program that uses functions to perform the Multiplication of Two Matrices
Week-13 a. Write a C program to swap two integers using following methods i. call by value ii. call by reference a. Write a C program to find sum of even and odd numbers using functions and pointers
Week-14 a. Write a C program to find Largest Number Using Dynamic Memory Allocation. b. Write a C program to return multiples values from a function using pointers

B.Tech. (EEE) I Year II Sem

20MA12L01 - COMPUTATIONAL MATHEMATICS LAB

B.Tech. EEE - I Year, II Sem.

L	T	P/D	C
0	0	2/-	1

Prerequisite(s): 20CS11L01-Programming for Problem Solving–I Lab

LIST OF PROGRAMS:

1. Program to determine y for a given x, if two arrays of x and y of same size are given (using Newton's forward interpolation method).
2. Program to determine y for a given x, if two arrays of x and y of same size are given (using Newton's backward interpolation method).
3. Program to determine y for a given x, if two arrays of x and y of same size are given (using Lagrange's interpolation).
4. Program to evaluate definite integral using trapezoidal rule, Simpson's $1/3^{rd}$ rule and $3/8^{th}$ rule.
5. Program to solve a given first order ordinary differential equation with initial condition using Runge-Kutta fourth order method.
6. Program to find the root of algebraic / transcendental equation by using Program to solve a given first order ordinary differential equation with initial condition using Modified Euler's method.
7. Program to find the root of algebraic / transcendental equation by using Bisection method and Newton-Raphson method.
8. Program to find the solution of given system of linear non-homogeneous equations using L-U decomposition method.
9. Program to find the solution of given system of linear non-homogeneous equations using Gauss-Seidel iteration method.
10. Program to compute largest eigenvalue and eigenvectors of a given matrix using Power method.

Additional Programs:

1. Program to find the solution of given system of linear non-homogeneous equations using Gauss Jordan elimination method.
2. Program to find the best fit of straight-line ($y = a + bx$) for the given data by the Method of Least squares.
3. Program to find the root of algebraic/transcendental equation by using Regula-Falsi Method.

20EC12L01 - SEMICONDUCTOR DEVICES AND CIRCUITS LAB

B.Tech. EEE - I Year, II Sem.

L	T	P/D	C
-	-	2/-	1

Pre-requisite(s): None

LIST OF EXPERIMENTS:

Part A

Electronic Workshop Practice (Two lab sessions):

1. Identification, specification and testing of R, L, C Components, Potentiometers, Rheostats, Switches (SPST, SPDT, DPST, DPDT and DIP), Coils, Gang Condensers, Relays, Bread Boards, PCBs, Sensors (LDR, Thermistors, Piezo-Buzzers)
2. Identification, specification, testing of Active Devices - Diode, BJT, JFET, MOSFET, Power Transistor, LED, LCD.
3. Study and operation of Multimeter, Voltmeter, Ammeter, Function Generator, Regulated Power Supply and CRO.
4. Soldering practice.

Part B

(A minimum of 8 experiments are to be conducted)

1. V-I characteristics of a PN junction diode.
2. Voltage regulation characteristics of Zener diode.
3. Ripple factor and percentage regulation of Half Wave Rectifier with & without filters (Capacitor filter).
4. Ripple factor and percentage regulation of Full Wave Rectifier with & without filters (L section).
5. Input & Output characteristics of BJT in CE Configuration and h-parameters calculation.
6. FET (Common Source) Characteristics and calculation of g_m and r_d.
7. Design and verification of Collector to Base bias circuit.
8. Design and verification of self-bias circuit for BJT.
9. Frequency response of CE amplifier.
10. Frequency response of common source FET amplifier.

20CS12L01 – PROGRAMMING FOR PROBLEM SOLVING - II LAB

B.Tech. EEE - I Year, II Sem.

L	T	P/D	C
-	-	2/-	1

Pre-requisite(s): 20CS11L01 – Programming for Problem Solving – I lab

LIST OF EXPERIMENTS

Week 1:

a. Write a C program to find whether a given string is palindrome or not.
b. Write a C program to insert characters at a given location in a given string.
c. Write a C program to delete characters from a given string and position
d. Write a C program to print the number of vowels and consonants using Strings

Week 2:

a. Write a C program to convert Roman number to Decimal Number.
b. Write a C program to find the 2's Compliment of a given string
c. Write a C program to Reverse a String by Passing it to function
d. Write a C Program to Input a String with at least one Number, Print the Square of all the Numbers in a String

Week 3:

Write a C program to implement complex structures for the following operations.

i. Addition of two Complex numbers
ii. Multiplication of two Complex Numbers

Week 4:

a. Write a C program to implement arrays of structures?
b. Write a C program to implement bit fields in C?

Week 5:

a. Write a C Program to store the information (name, roll no, and branch) of a student using unions.
b. Write a C program to implement inter function communication by passing pointers to a structure.

Week 6:

Write a C program to implement singly linked list for the following operations.

a) Insertion b) Deletion c) Search

Week 7:

a. Write a C program to sort the elements using Selectionsort
b. Write a C program to sort the elements using Quick sort.

Week 8:

a. Write a C program to sort the elements using Insertion sort
b. Write a C program to search a string in a list of strings using linear search. If the string is found display the position, otherwise print "string not present".

Week 9:

Write a C program to search an element in a list of elements using Binary search. If the element is found, display the position, otherwise print "element not present".

Week 10:

Write a C program convert infix to postfix notation and postfix evaluation using stack.

Week 11:

Write a C program implement Queue using arrays for the following operations.

i) Enqueue ii) Dequeue iii) Peek iv) Display

Week 12:

Write a C program open a new file and implement the following I/O functions.

i) fprintf(), fscanf() ii) getw(), putw() iii) getc(), putc()

Week 13:

a. Write a C program to copy data from one file to another.

b. Write a C program to merge two files, using command line arguments.

Week 14:

Write a C program to implement multi file programming for basic arithmetic operations

20ME12L01– ENGINEERING WORKSHOP

B. Tech. EEE - I Year, II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): None.

NOTE: *At least **TWO** exercises to be done from each trade.*

II. TRADES FOR EXERCISES:

A. Carpentry exercises:

b. Make a T-lap joint from given pieces of wood as per as for the job drawing.

c. Make a mortise and tenon joint from given pieces of wood as per as for the job drawing.

d. Make a Bridle joint from given pieces of wood as per as for the job drawing.

e. Make a Corner lap joint from given pieces of wood as per as for the job drawing.

f. Make a cross lap joint from given pieces of wood as per as for the job drawing.

B. Fitting exercises:

a. Make an L-Fitting joint from given pieces of mild steel as per as for the job drawing.

b. Make a "V" – joint from given pieces of mild steel as per as for the job drawing.

c. Make a "Half round" joint given pieces of mild steel as per as for the job drawing.

d. Make a "Dovetail" joint given pieces of mild steel as per as for the job drawing.

e. Perform a "Square" joint given piece of mild steel as per as for the job drawing.

C. Tin-Smithy exercises:

a. Make an Open scoop with soldering from given G.I. sheet as for the job drawing

b. Make a Rectangular tray with soldering from given G.I. sheet as for the job drawing

c. Make a Cylinder with soldering from given G.I. sheet as for the job drawing

d. Make a Hopper with soldering from given G.I. sheet as for the job drawing

e. Make a funnel with soldering from given G.I. sheet as for the job drawing

D. Black Smithy exercises:

a. Make an "S-Hook" from given piece of mild steel rod by hand forging.

b. Make a "U-Hook" from given piece of mild steel rod by hand forging.

c. Make a "C-Hook" from given piece of mild steel rod by hand forging.

d. Make a "Flat chisel" from given piece of mild steel rod by hand forging.

E. House-wiring exercises:

a. Wiring of simple light circuit for controlling light/fan point (PVC conduit wiring)

b. Wiring of light/fan circuit using two-way switches (staircase wiring)

c. Measurement of voltage, current and power in a single-phase circuit using voltmeter, ammeter and wattmeter. Calculate power factor of the circuit.

d. Wiring for a water pump with single phase starter.

F. Foundry exercises:

a. Prepare a mould for the given single piece pattern in green sand.

b. Prepare a mould for the given split piece pattern in green sand.

G. Welding Practice exercises:

a. Prepare simple butt joint by electric arc welding from given pieces of mild steel.
b. Prepare lap joint by electric arc welding from given pieces of mild steel.
c. Prepare corner joint by electric arc welding from given pieces of mild steel.

III. TRADES FOR DEMONSTRATION AND EXPOSURE:

a. **Machine Shop:** Demonstration and applications of drilling machine, grinding machine and lathe.

b. **Plumbing:** Various plumbing tools and its functions

c. **Disassembling and reassembling:** Tailstock of a lathe, cylinder piston of an engine and Bicycle or any machine.

B.Tech. (EEE) II Year I Sem.

20EC21L02– DIGITAL DESIGN LAB

B.Tech. EEE - II Year, I Sem.
Prerequisite(s): None.

L	T	P/D	C
-	-	2/-	1

LIST OF EXPERIMENTS:
Any **12 experiments** are to be performed choosing at least FIVE from each PART

PART A:
To Verify the Functionality of the following using digital IC trainer kits

1. Study the operation of the logic gates using ICs.
2. 4-bit Binary Adder (74283).
3. 8x 1 Multiplexer (74151).
4. 3-8 Decoders (74138).
5. 4-Bit Comparator (7485)
6. 8-3-line Priority Encoder (74148)
7. Study the operation of Flip-Flops (D, JK) using ICs.
8. Binary Counter (7493).
9. Universal Shift Register (74194/195).

PART B:
To design and implement the following logic circuits using ICs on the trainer kits.

1. 4-bit Adder cum Subtractor using Full Adders (74283)
2. BCD Adder using Full Adders (74283)
3. Full Adder and Full Subtractor using:
   a) 3 to 8 Decoder (74138) b) 4 to 1 Multiplexer (74153).
4. 4 Bit Binary to Gray and Gray to Binary code converters using XOR gates.
5. Decade Counter using a Binary counter (7493).
6. Digital Clock using Counters for Seconds/Minutes/Hours.
7. Design a 4-bit Ring Counter / Twisted Ring Counter using 4-bit Shift Registers (74194/74195) and using D-flip flops (7474).

ADDITIONAL EXPERIMENTS:

1. BCD to Excess-3 code converter using AOI logic.
2. 2 Bit comparator using gates.
3. BCD to 7-segment driver circuit.
4. Two bits carry lookahead adder using Full Adders.

20EE21L02 - ELECTRICAL CIRCUIT ANALYSIS LAB

B. Tech. EEE - II Year, I Sem.
Prerequisite(s): None.

L	T	P/D	C
-	-	2/-	1

LIST OF EXPERIMENTS:

1. Verification of Superposition theorem and Milliman's Theorem
2. Verification of Thevenin's and Norton's theorem
3. Verification of Maximum Power and Reciprocity Theorem
4. Locus diagram of R, L and C combinational Circuits
5. Resonance of R, L and C combinational circuits
6. Determination of Self and mutual Inductance
7. Determination of Z and Y parameters
8. Determination of ABCD and Hybrid parameters
9. Transient Response of R, L and C combinational circuits. with DC excitation.
10. Line and Phase Voltage and Current relationships of a 3-phase transformer.

ADDITIONAL EXPERIMENTS:

1. Verification of Telligen's and Compensation Theorems.
2. Mesh and Nodal analysis

20EE21L03 – POWER ELECTRONICS LAB

B.Tech. EEE - II Year, I Sem.

L	T	P/D	C
-	-	2/-	1

Pre-requisite(s):20EC12L01–Semiconductor Devices and Circuits Lab

LIST OF EXPERIMENTS:

1. Characteristics of SCR, MOSFET and IGBT.
2. Firing circuits of SCR
3. Single phase thyristor based controlled rectifier with R and RL load
4. DC chopper
5. AC voltage controller

6. Frequency conversion by single phase cycloconverter.
7. Inverter with R and RL load.
8. Simulation of three phase fully controlled rectifier with R and RL load
9. Simulation of IGBT based step-up and step-down DC chopper.
10. Simulation of three phase inverter with R and RL load.

ADDITIONAL EXPERIMENTS:

1. Simulation of frequency control using inverter
2. Series and Parallel inverter

Note: All the simulation experiments are to be simulated using MATLAB / Sci-lab /Octave / PSPICE software or any other equivalent software

20EE21005 - DESIGN THINKING

B. Tech. EEE - II Year, I Sem.

L	T	P/D	C
-	-	4/-	2

Prerequisite(s): None.

Module-I:
Basic Terms: Innovation, Invention, Improvement, Technology, Business, Design, Design Thinking, Creativity, Product Design, Product development, Service design System Thinking etc.
Creativity and Innovation: What is thinking, Types of thinking: Creative, Analytical, Critical, Logical, Lateral thinking etc. Why we are not Creative, Barriers and overcoming personal barriers. Skills to become creative. I-shaped people, T-shaped people, Creativity Techniques/methods. Problem Types - wicked problems

Module-II:
Design thinking Process, Empathize Phase, Empathy, Ethnography, Understanding User requirements, Insights, Persona, Empathy Map, and other tools and methods to understand the right problem.

Module-III:
Define Phase, Synthesizing and making sense, Defining the right problem to solve, tools to select the right problems.

Module-IV:
Ideate Process, exploring concept canvas, developing suitable concepts to learn and improve.

Module-V:
Prototype and Test, low fidelity and high-fidelity prototypes, user testing to learning from them, revising the solution and developing the final solution

Module-VI:
Delivering the solution, Embodiment phase of product development, Product Design, Service Design,

Module II to Module VI are to be based on assignments and/or mini projects.

20EN21P01 - ENGLISH FOR EFFECTIVE COMMUNICATION

B. Tech. EEE - II Year, I Sem.
Prerequisite(s): None.

L	T	P/D	C
-	-	2/-	1

Module-I

History of Words: Etymology: Word Origin, Advanced word roots, words borrowed from different languages to English, Portmanteau words**,** also called blended words (new coinage of words), assimilation of words.

Module-II

Word Analogy: Vocabulary**:** Same words with different meaning and different words with same meaning, Analogies: different relationships: worker and tools, worker and article, time sequence, cause and effect, class and species, synonyms, antonyms, person and things sought or avoided, part to the whole and symbols that stand for, degree of intensity, parts of speech.

Module-III

Comprehension Techniques: Reading: Reading for facts, opinions and inferences, reading for critical understanding, addressing point of view of the author/writer, jumbled paragraphs.

Module-IV

Sentence Equivalence: Writing: sentence completion, Picture perspective: critical thinking, individual perception and obtaining implications.

B.Tech. (EEE) II Year II Sem.

20EC22L04 –ANALOG CIRCUITS LAB

B.Tech. EEE - II Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): 20EC12L01 - Semiconductor Devices and Circuits Lab

LIST OF EXPERIMENTS:

1. Design of single stage RC coupled BJT amplifier
2. Frequency response of Cascode Amplifier
3. Current gain and input impedance of Darlington pair.
4. Frequency response of Current Series Feedback Amplifier
5. Frequency response of Voltage Shunt Feedback Amplifier
6. Design of RC Phase Shift Oscillator using BJT
7. Design of Hartley Oscillator
8. Design of Colpitts Oscillator
9. Determining efficiency of Class A Power Amplifier
10. Determining efficiency of Class B Complementary- Symmetry Power Amplifier

20EE22L01–ELECTRICAL MACHINES-I LAB

B.Tech. EEE - II Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): 20EE21002 – Electromagnetic Fields

LIST OF EXPERIMENTS:

1. Magnetization characteristics DC shunt generator (Determination of critical field Resistance critical speed).
2. Load test on DC shunt generator (Determination of characteristics).
3. No load and Brake test on DC shunt motor (Determination of performance curves).
4. Load test on DC compound generator (Determination of characteristics).
5. Field test on DC series machines (Determination of efficiency).
6. Speed control of DC shunt motor.
7. OC and SC Test on single phase Transformer.
8. Sumpner's Test on single phase Transformer's.
9. Parallel operation of two single phase Transformers.
10. Three phase to two phase conversion.

ADDITIONAL EXPERIMENTS:

1. Hopkinson's test on DC shunt machines. Predetermination of efficiency.
2. Load test on DC Series generator. Determination of characteristics.

20EE22L02 - SIGNALS, SYSTEMS AND TRANSFORM TECHNIQUES LAB

B.Tech. EEE - II Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): 20CS11L01-Programming for Problem Solving–I Lab

LIST OF EXPERIMENTS:

1. Generation of Various Signals and Sequences (Periodic and Aperiodic), such as Unit Impulse, Unit Step, Square, Ramp and Sinusoid.
2. Operations on Signals and Sequences such as Addition, Multiplication, Scaling, Shifting, Folding, Computation of Energy and Average Power.
3. Verification of Linearity and Time Invariance Properties of a given Continuous/Discrete System.
4. Convolution and Correlation between (i) Signals and (ii) sequences.
5. Verification of Gibb's Phenomenon
6. Computation of the Even and Odd parts of Signal/Sequence, Real and Imaginary parts of a complex Signal
7. Computation of Unit Impulse, Unit Step and sinusoidal response of the given LTI system.
8. Finding the Fourier Transform of a given signal and plotting its magnitude and phase spectrum.
9. Verification of Sampling theorem
10. Checking the given signal for Periodicity

ADDITIONAL EXPERIMENTS:

1. Locating the Poles and Zeros of the given LTI system in S-Plane and Z-Plane, and checking the system for Physical realizability and Stability
2. Waveform Synthesis using Laplace Transform

Note: All the experiments are to be simulated using MATLAB / Sci-lab /Octave / PSPICE software or any other equivalent software

20EN22P01 ENGLISH FOR CAREER DEVELOPMENT

B.Tech. EEE - II Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): None

Module-I

Must have words/Word power

Vocabulary: Collocations: noun and noun, noun and verb, noun and adverb, noun and adjective, prepositional phrases-connotative words.

Module-II

Cognitive Reading

Reading: Reading comprehension: rapid reading (vertical reading), meta-cognition, cloze tests, paragraph jumbles.

Module-III

Advanced Articulation

Speaking: Narrating: techniques, events, experiences, stories. Interactive speaking: Contextual Vocabulary and Oral presentations.

Module-IV

Essentials of composition

Writing: Picture interpretation: analyzing and expressing in either oral or written form. Sentences out of context, summarizing, Essay (Analytical, argumentative and exploratory) writing practice.

B.Tech. (EEE) III Year I Sem.

20EN31L01 - PROFESSIONAL COMMUNICATION SKILLS (PCS) LAB

B.Tech. EEE - III Year I Sem.

L	T	P/D	C
-	-	2/-	1

Pre-Requisites: **None**

MODULEI

Activities on Fundamentals of Inter-Personal Communication: Responding appropriately and relevantly using the right body language, discourse skills. Resilience and Personal Management-Managing stress, time, anger and other emotions, assertiveness and culture shock.

MODULEII

Activities on Reading Skills: Reading for facts, reading for specific information, reading between the lines, negative facts, inferential reading, critical reading.

MODULEIII

Activities on Writing Skills: Writing process, gather information, analyzing the content, formatting, editing, Resume writing and CV preparation, writing SOP, letter writing and email writing and Video Resume or Viseme'.

MODULEIV

Activities on Presentation Skills: Oral Presentations (individual & group), seminars, ppts and written presentations through posters, projects, portfolio building or management, brochures and reports.

MODULEV

Activities on Group Discussion and Interview Skills: Dynamics of Group Discussion-Videos of Mock GDs-intervention, summarizing, body language, relevance and organization of ideas and rubrics for evaluation. Three stages of Interviews-pre, during and post interview planning, opening strategies, answering strategies, interview through Tele-Conference and Video Conference and Mock Interviews, Videos of Mock Interviews, H.R questions, SJT questions.

20MA31L01 STATISTICS FOR MACHINE LEARNINGLAB

B. Tech. EEE-III Year, I Sem.

Prerequisites(s): 20MA31001- Statistics for Machine Learning

L	T	P/D	C
-	-	2/-	1

List of Experiments

Week	Name of the Experiment
1	Introduction to R Programming.
2	Introduction to descriptive statistics using R (Frequency Distribution and Cumulative Distribution Function).
3	Acceptance/Rejection Sampling in R.
4	Maximum likelihood and method of moments estimation. Testing of Hypothesis based on Z-test. Concept of p-value in R.
5	Testing of hypothesis based on t-test, chi-square test and F-test. Confidence interval estimation in R.
6	Multiple linear regression: Outlier analysis, residual analysis, test for normality, multi-collinearity in R.
7	Logistic Regression in R.
8	Classification with SVM in R.
9	Dimensionality reduction with PCA in R and K-means Clustering in R.
10	Kernal PCA and Kernal SVM in R.

List of Additional programs

S. No	Name of the Experiment
1	Generating Functions (Binomial, Poisson, Uniform, Normal and Exponential) using R.
2	Multiple linear regression: Testing overall hypothesis and testing significance of individual variables, model selections and prediction in R.

20EE31L01 – ELECTRICAL MACHINES – II LAB

B.Tech. EEE -III Year I Sem.

Prerequisite(s): 20EE22L01 Electrical Machines – I LAB

L	T	P/D	C
-	-	2/-	1

List of Experiments:

1. Perform 'Brake test' on three-phase induction motor.
2. Perform 'No-load' and 'blocked rotor tests' on three-phase induction motor.
3. Obtain equivalent circuit parameters of a single-phase induction motor.
4. Obtain equivalent circuit parameters of a three-phase induction motor
5. Perform 'Brake test' on single phase induction motor.
6. Assess the regulation of a three-phase alternator by synchronous impedance & MMF methods.
7. Assess the regulation of a three-phase alternator by ZPF & ASA methods.
8. Determination of $\mathbf{X_d}$ and $\mathbf{X_q}$ of a salient pole synchronous machine.
9. Plot 'V' and 'Inverted V' curves of a three-phase synchronous motor.
10. Evaluate the efficiency of three-phase alternator. ``

20MA31P01 – LOGICAL REASONING-I

B. Tech. EEE-III Year, I Sem.

L	T	P/D	C
0	0	4	2

Prerequisite(s): None

Quantitative Aptitude:

1. **Simple Interest**: Definitions, Problems on interest and amount, Problems when rate of interest and time period are numerically equal. **Compound Interest:** Definition and formula for amount in compound interest, Difference between simple interest and compound interest for 2 years on the same principle and time period.
2. **Profit & Loss:** Cost price, selling price, marked/list price, profit/gain, discount, use of false scale for selling an article, discount series and net selling price, successive Selling.
3. **Percentages, Ratio & Proportions:**
   Calculating a percentage, calculating increase or decrease, calculating percent change, calculating successive percentages, definition of ratio and proportions, direct proportion, Inverse or reciprocal proportion, continued proportion, Mean proportion, Third proportion, Fourth proportion, compound ratio.
4. **Averages:** Definition of Average, Rules of Average, Problems on Average, Problems on Weighted Average, finding average using assumed mean method**.**
5. **Time and Distance:** Relation between speed, distance and time, converting km/h into m/s and vice versa, Problems on average speed, Problems on relative speed, Problems on trains.
6. **Time and Work:** Problems on Unitary method, Relation between Men, Days, Hours and Work, Problems on Man-Day-Hour's method, Problems on alternate days, Problems on Pipes and Cisterns.

Logical Reasoning:

7. **Logical Connectives:** Definition of simple statement, Definition of compound statement, finding the implications for compound statements, finding the negations for compound statements.
8. **Syllogism:** Definition of statement/premises and conclusion, explanation through Venn diagram, problems on two/three statements and one/two conclusions, identification of statements and conclusions from the given set of statements. **Statements and Arguments**: Types of arguments, Strong argument, weak argument, identifying strong/weak arguments from a given statement.

9. **Analogy Classifications:** Definition of Analogy, Problems on number analogy, Problems on letter analogy, Problems on verbal analogy.
10. **Non-Verbal Reasoning:** Identification of continued figure or odd figure by using analogy, series, rotation in clockwise and rotation in anticlockwise, vertical, horizontal, alternative rotation, addition, subtraction.
11. **Blood Relations:** Blood relations on Family Tree concepts (relationships in the family), paternal side relations, maternal side relations, simple and direct relationships, relation puzzles, coded relations.
12. **Binary Logic:** Definition of a truth-teller, Definition of a liar, Definition of an alternator, solving problems using method of assumptions, solving analytical puzzles using binary logic.

B.Tech. (EEE) III Year II Sem.
20EC32L04– MICROPROCESSORS AND ASSEMBLY LANGUAGE PROGRAMMING LAB

B.Tech. EEE- III Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): 20EC21002 – Digital Design
20EC21L02 - Digital Design Lab

List of experiments: (Minimum 10 experiments are to be conducted using MASM software and/or Hardware Kits).

Part A: 8086: Kit and/or MASM Programming (Minimum 4 experiments to be conducted)

1. Programs for 16-bit addition and subtraction operations (using various addressing modes)
2. Programs for 16bit multiplication and division operations (using various addressing modes)
3. Program for sorting an array
4. Program for searching for a number or character in a string
5. Program for String manipulations
6. Program to generate Fibonacci Series
7. Program for digital clock design using 8086

Part B: Interfacing with 8086 Microprocessor: (Minimum 4 experiments to be conducted)

8. Interfacing ADC and DACto8086
9. Interfacing to 8086 and programming to control stepper motor.
10. Parallel communication between two microprocessors using 8255.
11. Serial communication between two microprocessor kits using 8251.
12. Verification of various modes of operation of 8255.
13. Interfacing LCD to 8086.
14. Interfacing Keyboard to 8086.
15. Interfacing seven segment display to 8086 using 8279.

20EE32L01–POWER SYSTEM SIMULATION LAB

B.Tech. EEE III Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisites:20EE22001 - Generation and Utilization of Electrical Energy
20EE22002 - Electricals Machines I

List of experiments:

1. Determination of Equivalent circuits of 3-winding transformer.
2. Determination of Sequence impedance of salient pole synchronous machine
3. Fault analysis-I
   i. Single line to ground fault(L-G)
   ii. Line to Line fault(L-L)
4. Fault analysis-II
   i. Double line to Ground fault(L-L-G)
5. Determination of Sequence Impedance of Three Phase Transformer.
6. Solution of power flow using Gauss Seidel Method
7. ABCD constants for long lines and voltage profile observation for open circuit line with and without shunt reactor compensation.
8. The performance of power system stabilizer.
9. Steady state stability for small disturbances with and without change in output.
10. Voltage stability problems in transmission lines.

20EE32L02–CONTROLSYSTEMS LAB

L	T	P/D	C
-	-	2/-	1

B.Tech. EEE – III Year II Sem.

Prerequisite(s):20EE22L01– Electrical Machines-1 Lab
20EE31L01-Electrical Machines -II lab

LIST OF EXPERIMENTS:

1. Time response of second order system
2. Characteristics of synchro's
3. Effect of P, PI, PD, PID controller on a second order system (DC servo motor)
4. Transfer function of DC shunt motor
5. Characteristics of AC servo motor.
6. Transfer function of DC Generator
7. Effect of feedback on DC servomotor using MATLAB.
8. Simulation of root locus for a Linear Time Invariant System & perform stability analysis.
9. Simulation of Bode plot and Nyquist plot for a Linear Time Invariant System and perform stability analysis.
10. Design of Lead-Lag compensator for the given system and with specification using suitable software.

ADDITIONAL EXPERIMENTS

1. Simulation of Time response of second order system
2. Determination of steady state errors through simulation

Note: All simulation experiments will be simulated using suitable software (USING MATLAB/ PSPICE/SUITABLE SOFTWARE)

20EN32001– ENGLISH FOR PROFESSIONAL SUCCESS

B. Tech. EEE – III Year II Sem.

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): None

MODULE-I

Advanced Vocabulary: Vocabulary: Idioms and phrases, phrasal verbs: practice exercises. Jargon-Technical Vocabulary

MODULE-II

Critical Reading: Reading: Book review/ Article review: reviewing skills.

MODULE-III

Oral Skills: Speaking: Oral and Technical Presentations, Project Presentations: genre, originality and accountability.

MODULE-IV

Official Correspondence: Writing: Circulars, Notices, Memos, Agenda, Minutes of Meeting (MoM)

Letter of Recommendation.

20MA32P01 – LOGICAL REASONING-II

B. Tech EEE - III Year II Sem.

Prerequisite(s): Logical Reasoning-I

Quantitative Aptitude:

1. **Permutation and Combinations**: Fundamental Principle of Counting, Counting Methods, Definition of permutation, Linear Permutations, Rank of a word, Circular Permutations, Definition of Combinations, Problems on Combinations.
2. **Probability:** Definitions of Probability, Addition and Multiplication Theorems. Deductions: Introduction, expressing different types of statements using Venn diagrams, Definition of complimentary pairs, finding the conclusions using Venn diagrams for two and more statements.
2. **Number system:** Classification of numbers, Divisibility rules, Finding the units digit, Finding remainders in divisions involving higher powers, LCM and HCF Models, Decimal fractions, Simplifications, Square Roots & Cube Roots, Surds and Indices.
3. **Allegation and Mixture**: Definition of allegation, mean price, rules of allegation on quantity and cost price, diagrammatic explanation, removal and replacement.

Logical Reasoning:

4. **Sitting Arrangement:** Problems on Linear arrangement, Problems on Circular arrangement, Problems on Double line-up, Problems on Selections, Problems on Comparisons. Coding and decoding: Coding using same set of letters, Coding using different set of letters, Coding into a number Comparison & Elimination.
5. **Number and letter Series:** Difference series, Product series, Squares series, Cubes series, Alternate series, Combination series, Miscellaneous series, Place values of letters.
6. **Day sequence/Calendars**: Definition of a Leap Year, Finding the number of Odd days, framing the year code for centuries, finding the day of any random calendar date.
7. **Alphabet Test:** Alphabetical order of verbs, letter-word problems, rule-detection, alphabetical quibble, word formation.
8. **Direction sense Test**: Direction from the initial point: directions, cardinal directions, problems on distances, problems on clocks, problems on angles, problems on shadows.
9. **Clocks**: Finding the angle when the time is given, Finding the time when the angle is known, Relation between Angle, Minutes and Hours, Exceptional cases in clocks.
10. **Cubes**: Basics of a cube, finding the minimum number of cuts when the number of identical pieces is given, Finding the maximum number of pieces when cuts are given, Problems on painted cubes of same and different colours, Problems on cuboids, Problems on painted cuboids, Problems on Dice.
11. **Data Sufficiency:** Different models in Data Sufficiency, Problems on Data sufficiency, Problems on data redundancy. Data Interpretation: Problems on tabular form, Problems on Line Graphs, Problems on Bar Graphs, Problems on Pie Charts.

B.Tech. (EEE) IV Year I Sem.

20EC41L03 – ELECTRONIC DESIGN LAB

B.Tech. EEE- IV Year, I Sem

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): 20EC32L04 - Microprocessors and Assembly Language Programming Lab

LIST OF EXPERIMENTS
(At least 10 experiments are to be conducted)
(Minimum Two experiments from each category)

Using 8051

1. Program to verify Timer/Counter in 8051 using Keil.
2. Verification of UART operation in 8051 using Keil.
3. Interfacing Keyboard.
4. Automatic Street Light Controller.

Using ARM7

5. Voice controlled DC motors.
6. Automatic Railway gate control system.

Using Arduino

7. Home appliances control using Bluetooth.
8. Automatic vehicle accident-avoidance system using Ultrasonic Sensor.
9. Gas leakage detection and automatic control system.

Using Raspberry Pi

10. Image capturing using eye blink detection.
11. Alcohol detection system.
12. Switching on lights based on human movement detection.

Using NodeMCU

13. Patient health monitoring using IoT.
14. Weather monitoring using IoT.

20EE41L01 – INSTRUMENTATION AND MEASUREMENT TECHNIQUES LAB

B. Tech. EEE – IV Year I Sem

L	T	P/D	C
-	-	2	1

Prerequisite(s):20EE41002 - Instrumentation & Measurement Techniques
20EE31L01 - Electrical Machines-II Lab

LIST OF EXPERIMENTS

1. Calibration and testing of single-phase energy meter
2. Calibration of dynamometer power factor meter
3. Crompton D.C. Potentiometer – Calibration of PMMC Ammeter and PMMC Voltmeter
4. Kelvin's double Bridge – Measurement of resistance – Determination of Tolerance.
5. Schering bridge & Anderson bridge.
6. Measurement of 3 phase reactive power with single-phase wattmeter.
7. Measurement of parameters of a choke coil using 3 voltmeter and 3 ammeter methods.

8. Calibration LPF wattmeter – by Phantom testing
9. LVDT and Capacitance pickup – characteristics and Calibration
10. Resistance strain gauge – strain measurements and Calibration

ADDITIONAL EXPERIMENTS

1. Testing of dielectric of transformer oil using H.T. testing Kit
2. Measurement of % ratio error and phase angle of given C.T.

DEPARTMENT OF CIVIL ENGINEERING

LIST OF EXPERIMENTS

Engineering Geology Lab

1. Physical properties for identification of rock-forming minerals**.**
2. Megascopic description and identification of rocks.
3. Microscopic study of rocks.
4. Interpretation and drawing of sections for geological maps showing titled beds, faults, unconformities, etc.
5. Study of structural geological problems.
6. Study of structural geological models.
7. Measurement of Electrical resistivity of rocks and groundwater using electrical resistivity meter.

Surveying Geomatics Lab

1. Computation of Areas:
   a. Theoretical background behind area calculation by using different methods (Demonstration only).
   b. Determination of area by chain and plotting.

2. Fly Leveling (differential leveling).
3. Longitudinal and Cross Sectioning and plotting using Auto Level.
4. Theodolite:
   a. Measurement of horizontal and vertical angles.
   b. Trigonometric leveling (Base is inaccessible

5. Heights and distances using the principles of Tachometric surveying.
6. Total Station:
   a. Area determination.
   b. Traversing.
   c. Contouring.
   d. Remote height determination.
   e. Distance, gradient and difference in height between two inaccessible points
   f. Stake-out.

7. Finding position of stations using G.P.S

8. Geo-referencing of Toposheet in QGIS software

Mechanics of Materials Lab

1. Conduct tensile test on metal rods to determine Yield stress, ultimate stress, breaking stress, percentage elongation and percentage reduction in area.
2. Determination of Young's modulus, support reactions, shear force and bending moments by conducting deflection test on cantilever beam.
3. Determination of Young's modulus, support reactions, shear force and bending moments by conducting deflection test on Simply supported beam.
4. Determination of modulus of rigidity of a given specimen by conducting torsion test.
5. Determination of hardness for metal specimen namely Mild steel, high carbon steel, stainless steel, brass, copper and Aluminium using Brinnels and Rockwell Hardness
6. Determination of modulus of rigidity using spring test for a given spring specimen.
7. Determination of compressive strength of a given brick/wood by conducting compression test.
8. Determination of Impact toughness of a given specimen using Izod Impact test and Charpy impact test.
9. Determine the strength of the given specimen by conducting shear test using Universal Testing Machine (UTM).
10. Verification of Maxwell's Reciprocal theorem on beams.
11. Determination of Strains on a cantilever beam using Electrical Resistance strain gauges.
12. Determination of Young's Modulus for a given specimen by conducting deflection test on continuous beam.

Computer Aided Drafting of Buildings Lab

1. Introduction to Computer Aided Drafting.
2. Practice Exercise on CAD software.
3. Develop plans of Single storey building.
4. Develop Plans of Multi storey building.
5. Develop Section and Elevation of Single storey building.
6. Develop Section and Elevation of Multi storey building.
7. Introduction to 3Dimensional modelling.
8. Practice exercise on 3D figures.

Fluid Mechanics and Hydraulic Machinery Lab

1. Calibration of Venturimeter and Orificemeter.
2. Determination of Coefficient of discharge for a small orifice/mouthpiece by constant head method.
3. Calibration of contracted Rectangular Notch and / Triangular Notch.
4. Determination of friction factor of a pipe.
5. Determination of Coefficient for minor losses.
6. Verification of Bernoulli's theorem.
7. Impact of jet on vanes.
8. Study of Hydraulic jump.
9. Study of water hammer.
10. Performance test on Pelton wheel.
11. Performance test on Francis turbine.
12. Performance test on Kaplan turbine.
13. Performance characteristics of a single stage/ multi-stage centrifugal pump.,
14. Performance characteristics of a reciprocating pump.

Geotechnical Engineering Lab

1. Atterberg's Limits (Liquid Limit, Plastic Limit, Shrinkage limit)
2. Field density by core cutter method and sand replacement method
3. Determination of Specific gravity of soil by pycnometer.
4. Grain size distribution by sieve analysis
5. Permeability of soil by constant and variable head test methods
6. Standard Proctor's Compaction Test
7. Unconfined compression strength test
8. Direct shear test
9. Vane shear test

10. California Bearing Ratio Test (CBR Test)
11. Tri-axial shear test
12. Consolidometer test

Highway Engineering and Concrete Technology Lab

I. Test on Cement

1. Normal consistency and Fineness of cement.
2. Initial setting time and Final setting time of cement.
3. Specific gravity of cement.
4. Soundness of cement.
5. Compressive strength of cement.

II. Test on Fresh Concrete

1. Slump flow test.
2. Compaction factor test.
3. Vee-bee test.
4. Flow table Test.

III. Test on Hardened Concrete

1. Compression test on cubes and cylinders.
2. Flexure test.
3. Splitting tensile test
4. Modulus of elasticity.

IV. Tests on Aggregates

1. Aggregate Crushing Value Test
2. Aggregate Impact Test
3. Specific Gravity and Water Absorption
4. Abrasion Test
5. Flakiness and Elongation Indices of Coarse Aggregates.

V. Tests on Bitumen

1. Penetration Test
2.Ductility Test
3. Softening Point Test
4. Flash and Fire Point Test
5.Marshal stability Test. (Demonstration only)

Environmental Engineering Lab

Determination of:

1. pH

2. Turbidity.
3. Electrical Conductivity.
4. Total Solids (Organic and Inorganic).
5. Alkalinity.
6. Acidity.
7. Chlorides.
8. Fluorides.
9. Dissolved Oxygen (Winkler Method).
10. Optimum Coagulant dosage.
11. Chlorine demand.
12. Biological Oxygen Demand (BOD).
13. Chemical Oxygen Demand (COD).

Structural Drafting Lab

Draw the reinforcement details of RC members:

1. Reinforcing Detailing of Simply Supported Beams and Cantilever Beams.
2. Structural detailing of one-way slab and two-way slab.
3. Reinforcement detailing of RC columns and RC footings.
4. Structural detailing of Staircase.
5. Detailing of Connections.
6. Detailing of steel built up compression members.
7. Detailing of Column bases–slab base.
8. Detailing of steel roof truss.

STAAD Lab

Analyse:

1. Continuous beam- Calculate SFD, BMD and Elastic curve.
2. 2D and 3D frame- Calculating SFD, BMD.
3. Multi Storey buildings for Live and Dead loads.
4. Multi Storey buildings by considering different load combinations (Gravity and Lateral loads).

Analyse and Design:

5. Multi Storey buildings for gravity loads.
6. Multi Storey buildings for Wind loads.
7. Multi Storey buildings for Seismic loads.
8. Commercial Complex.
9. Industrial Building.
10. Introduction to Dynamic Analysis (Time History Analysis).

Pavement Analysis and Design Lab

1. Introduction to MX Roads-String Modelling
2. Survey data input and import
3. String names and drawing styles, point selection methods
4. Surface checker and editing data- surface analysis
5. String creation and editing
6. Alignment creation
   a. Horizontal alignment
   b. Vertical alignment
7. Design of rule based super elevation
8. Junction design
9. Earth work calculation
10. Pavement design -final drawings.

Department of Mechanical Engineeering

20ME11L01 - Engineering Workshop
(Common to All Branches)

B. Tech. ME - I Year I Sem.

Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Objectives: Develop Ability to

1. To provide hands on experience about use of different engineering materials, tools, equipments and processes those are common in the engineering field.
2. To impart a good basic working knowledge required for the production of various engineeringproducts.

Course Outcomes: At the end of the course, the student would able to:

CO1: **Identify and apply suitable tools for manufacturing a engineering components using different trades of engineering processes. – BTL3**

CO2: **Explain basic operations of welding, fitting, smithy and carpentry work. – BTL2**

CO3: **Analyze of the various electrical equipment connections and their operation – BTL4** CO4: **Demonstrate an understanding of and comply with workshop safety regulations. – BTL2** CO5: **Demonstrate and practice on machine tools and their operations – BTL2**

NOTE: *At least **TWO** exercises to be done from each trade.*

I. TRADES FOR EXERCISES:

A. Carpentry exercises:

a. Make a T-lap joint from given pieces of wood as per as for the job drawing.

b. Make a mortise and tenon joint from given pieces of wood as per as for the job drawing.

c. Make a Bridle joint from given pieces of wood as per as for the job drawing.

d. Make a Corner lap joint from given pieces of wood as per as for the job drawing.

e. Make a cross lap joint from given pieces of wood as per as for the job drawing.

B. Fitting exercises:

a. Make an L-Fitting joint from given pieces of mild steel as per as for the job drawing.

b. Make a "V" – joint from given pieces of mild steel as per as for the job drawing.

c. Make a "Half round" joint given pieces of mild steel as per as for the job drawing.

d. Make a "Dovetail" joint given pieces of mild steel as per as for the job drawing.

e. Perform a "Square" joint given pieces of mild steel as per as for the job drawing.

C. Tin-Smithy exercises:

a. Make an Open scoop with soldering from given G.I. sheet as for the job drawing

b. Make a Rectangular tray with soldering from given G.I. sheet as for the job drawing

c. Make a Cylinder with soldering from given G.I. sheet as for the job drawing

d. Make a Hopper with soldering from given G.I. sheet as for the job drawing

e. Make a funnel with soldering from given G.I. sheet as for the job drawing

D. Black Smithy exercises:

a. Make an "S-Hook" from given piece of mild steel rod by hand forging.

b. Make a "U-Hook" from given piece of mild steel rod by hand forging.

c. Make a "C-Hook" from given piece of mild steel rod by hand forging.

d. Make a "Flat chisel" from given piece of mild steel rod by hand forging.

E. House-wiring exercises:

a. Wiring of simple light circuit for controlling light/fan point (PVC conduit wiring)

b. Wiring of light/fan circuit using two way switches (staircase wiring)

c. Measurement of voltage, current and power in a single phase circuit using voltmeter,ammeter and wattmeter. Calculate power factor of the circuit.

d. Wiring for a water pump with single phase starter.

F. Foundry exercises:

a. Prepare a mould for the given single piece pattern in green sand.

b. Prepare a mould for the given split piece pattern in green sand.

G. Welding Practice exercises:

a. Prepare simple butt joint by electric arc welding from given pieces of mild steel.

b. Prepare lap joint by electric arc welding from given pieces of mild steel.

c. Prepare corner joint by electric arc welding from given pieces of mild steel.

II. TRADES FOR DEMONSTRATION AND EXPOSURE:

a. **Machine Shop:** Demonstration and applications of drilling machine, grinding machineand lathe.

b. **Plumbing:** Various plumbing tools and its functions

c. **Disassembling and reassembling:** Tailstock of a lathe, cylinder piston of an engine and bicycle or any machine.

20ME21L01 – Materials Technology Lab

B. Tech. ME - II Year I Sem.

Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Objectives:

Develop ability to

1. Understand metallography and microstructure of various Ferrous and non-ferrous metals
2. Acquire knowledge for determining metallurgical hardness of metals before and after heattreatment.

Course Outcomes (COs): **At the end of the course,**

student would be able toCO1: Identify micro

structures of different metals

CO2: Analyze the various heat treatment processes

List of Experiments:

1. Preparation and study of the Microstructure of pure metals like Cu.
2. Preparation and study of the Microstructure of pure metals like Al.
3. Preparation and study of the Microstructure of Mild steels, low carbon steels, high carbonsteels.
4. Study of the Microstructures of Cast Irons.
5. Study of Microstructures of nickel base super alloy.
6. Study of the Microstructures of brass.
7. Study of the Microstructures of bronze.
8. Study of the Microstructures of Titanium alloys.
9. Hardenability of steels by Jominy End Quench Test.
10. To find out hardness of various heat treated and untreated plain carbon steels.
11. Study of change in microstructure of steel after annealing and normalizing.
12. Study of change in microstructure of steel after hardening and tempering.
13. Study the effect of heat treatment on hardness of HAZ of the welded joint

20ME21L02 - Fluid Mechanics and Hydraulic Machines Laboratory
B. Tech. ME - II Year I Sem.
Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Objective: Develop ability to

1. Understand fundamental principles of fluid mechanics to solve practical mechanical engineering problems of water conveyance in pipes and pipe networks.
2. Understand application of hydraulic machinery.
3. Learn to conduct performance tests on pumps and turbines.
4. Understand operating characteristics and factors affecting performance of hydraulic machinery(pumps and turbines).
5. Understand the Bernoulli's theorem

Course Outcomes (COs): At the end of the course, student would be able to

CO1. Demonstrate basic knowledge of fluid mechanics in solving problems and design of pressurepipe systems used in mechanical engineering

CO2. Verify Bernoulli's principle

CO3. Conduct experiment and interpret the data on major and minor losses

CO4. Calibrate flow discharge measuring device used

in pipes, channels and tanksCO5. Apply basics of

hydraulic machinery and their operation in water

systems List of Experiments:

Any 12 out of 13 experiments can be done.

1. Impact of jet on vanes.
2. Calibration of Venturimeter
3. Calibration of orifice meter.
4. Determination of friction factor for a given pipe.
5. Determination of loss of head due to sudden contraction.
6. Verification of Bernoulli's theorems.
7. Calibration of turbine flow meter
8. Performance test on Pelton wheel.
9. Performance test on Francis turbine.
10. Performance test on Kaplan turbine.
11. Performance test on single stage centrifugal pump.
12. Performance test on multi stage centrifugal pump.
13. Performance test on reciprocating pump.

20ME21L03 – Mechanics of Solids Lab

B. Tech. ME - II Year I Sem.

Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Objectives: Develop ability to

1. Acquire knowledge of testing the mechanical properties of engineering materials.
2. Understand methods of determining various types of hardness of materials.
3. Acquire knowledge for determining modulus of rigidity of engineering materials.

Course Outcomes (COs): **At the end of the course,**

student would be able to CO1: Identify mechanical

properties of materials under various load conditions.

CO2: Determine the modulus of rigidity of

engineering materials

CO3: Perform Tension test, Compression test, shear test, torsion test and impact test, to predictfailure of materials.

List of Experiments:

1. To determine tensile strength of mild steel specimen using Universal Testing Machine.
2. To determine modulus of rigidity given specimen using Torsion Testing Machine.
3. To determine Young's modulus and stiffness of Simple supported beam.
4. To determine Young's modulus and stiffness of Cantilever beam.
5. To determine Hardness of given specimen using Brinell Hardness Testing

Machine.

6. To determine Hardness of given specimen using Rockwell Hardness Testing Machine.
7. To determine impact strength of given specimen by Charpy Testing Machine.
8. To determine impact strength of given specimen by Izod Testing Machine.
9. To determine stiffness and modulus of rigidity of given spring using Spring TestingMachine.
10. To determine compressive strength of given specimen using Compression Testing Machine.
11. Determine the shear strength of a material. To determine bending strength of mild steel specimen using Universal Testing Machine

20ME22L01 - Thermal Engineering LAB

B Tech. ME - II Year, II Semester

Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Outcomes: At the end of the course, the student will be a

CO1: **To acquaint the students with practical side of the theory covered in specific/areas ofthermal engineering subject**

CO2: **Experiments connected with I.C. Engines deals with performance characteristics anddetermination of friction Horse Power for different engines**

CO3: **Concept of air compression using at two-stage reciprocating air compressor with intercooling facility to check/verify the concepts developed in the theory is done in lab**

CO4: **Model of I.C. Engines for determination of valve openings with respect to crank shaftangles is used**

CO5: **Model of I.C. Engines for determination of port openings with respect to crank shaft anglesis used**

CO6: **Boiler Models used to show the functioning of a boiler in industry**

Any 10 experiments compulsory

1. I.C. Engines Valve/Port Timing Diagrams
2. I.C. Engines Performance Test for 4 Stroke SI engines
3. I.C. Engines Performance Test for 2 Stroke SI engines
4. I.C. Engines Morse, Retardation, Motoring Tests
5. I.C. Engine Heat Balance - CI/SI Engines
6. I.C. Engines Economical speed Test on a SI engine
7. I.C. Engines effect of A/F Ratio in a SI engine
8. Performance Test on Variable Compression Ratio Engine

9. IC engine Performance Test on a 4S CI Engine
10. Volumetric efficiency of Air - Compressor Unit
11. Dis-assembly / Assembly of Engines
12. Study of Boilers

Additional experiments:

1. Mechanical efficiency of reciprocating air compressor.
2. Performance test on Multi-Cylinder 4-stroke SI Engine.

20ME22L02 - Machine Drawing with AutoCAD Lab

B Tech. ME - II Year, II Semester

Prerequisite(s): None

L	T	P/D	C
-	-	2/-	1

Course Objectives

1. To introduce students to the basics and standards of engineering drawing related to machinesand components.
2. To teach students technical skills regarding assembly, production and part drawings.
3. To help students gain knowledge about standard CAD packages on modeling and drafting.
4. To familiarize students with various limits, fits and tolerances
5. To enable user to create 3D model based on the dimension or conceptual modeling.

Course Outcomes (COs): At the end of the course students will be able to

CO1: **Acquire the knowledge of various standards and specifications about standard machinecomponents.**

CO2: **Make drawings of assemblies with the help of part drawings given.**

CO3: **Able to model components of their choice using CAD software.**

CO4: **Get exposure to advanced CAD packages.**

CO5: **Ability to select, configure and synthesize mechanical components into assemblies.** Riveted Joints: **Riveted joints: modes of failure of riveted joints, strength equations – efficiencyof riveted joints – design of boilers joints- eccentrically loaded riveted joints.**

Welded joints: Design of fillet welds – axial loads – circular weld joints- stresses due to bendingand torsion in welded joints.

Bolted joints**: Design of bolts with pre-stresses-Design of bolted joints under eccentric loading-locking devices-bolts of uniform strength, different seals**

Axially Loaded Joints: Keys, Cotters and Knuckle Joints:

Design of Keys– stresses in keys,Cotter joints – spigot and socket, sleeve and cotter, jib and cotter joints – Knuckle joints.

Principles of drawing, free hand sketching, manual drawing, CAD drawing etc Code of practice for Engineering Drawing, BIS specifications sectional views, Welding symbols, riveted joints, keys, fasteners –bolts, nuts, screws, keys etc Limits, Fits–Tolerances of individual dimensions– Specification of Fits–basic principles of geometric and dimensional tolerances.

Name of the Experiment

1. Introduction to CAD
2. Draw riveted joint as per given standards and convert it in 3D.
3. Draw welded joint as per given standards and convert it in 3D.
4. Draw bolted joint as per given standards and convert it in 3D.
5. Draw components of the knuckle joint as per given figure and assemble them.
6. Draw components of the cotter joint as per given figure and assemble them.
7. Generate orthographic views and apply Geometrical Dimension and Tolerances for finalassembly of knuckle joint
8. Generate orthographic views and apply Geometrical Dimension and Tolerances for finalassembly of Cotter joint.
9. Drawing of Keys, Cotters And Pins in Temporary Joints
10. Apply Geometrical Dimension and Tolerances for welded joints and riveted joints.

20ME22L03 - Manufacturing Technology LAB

B.Tech. ME - II Year, II-Sem

L	T	P/D	C
-	-	2/-	1

Prerequisite(s): **20ME11L01 -Engineering WorkshopCourse Objectives:** Develop ability to

1. To familiarize the students with the basic tools and equipment used in manufacturing
2. To impart practical knowledge on various aspects of manufacturing processes

Course Outcomes (COs): At the end of the course, student would be able to

CO1: **Demonstrate the knowledge and necessary skills in preparation of sand mould with propergating and riser system**

CO2: **Demonstrate skills in determining various sand properties and strength**

CO3: **Fabricate a component using various welding process**

CO4: **Demonstrate the knowledge and necessary skills to perform metal forming operations.**

CO5: **Perform various operations on machine tools**

Note: **Students should perform at least 4 experiments from each section of manufacturing process**

List of Experiments:

I. Metal Casting

1. Finding Grain Fineness Number of moulding sand.
2. Finding Permeability Number of moulding sand.
3. Finding of compressive and shear strength for Green sand and dry sand.
4. Pattern design and making.
5. Preparation of sand mould, Melting and Casting**.**

II. Metal Joining

1. Manual Metal Arc Welding (MMAW) - Preparation of Lap and Butt Joint.
2. Gas Metal Arc Welding - practice.
3. Gas Tungsten Arc Welding (GTAW) - practice.
4. Resistance Welding - Spot welding.
5. Gas Welding. - Practice
6. Plasma Welding and Cutting**.**

III. Metal Forming

1. Study of simple, compound and progressive dies
2. Blanking and piercing using fly press.
3. Bending and Deep drawing using Hydraulic press.
4. Deep drawing using Hydraulic press.
5. Making of bottle cap using Injection moulding.
6. Making of bottle using blow moulding.

IV. Machining Process

1. Step turning and taper turning on lathe machine.
2. Thread cutting and knurling on -lathe machine.
3. Drilling and Taping.
4. Shaping and Slotting
5. Milling
6. Cylindrical and Surface Grinding.

20ME31L01 - Kinematics and Dynamics Lab

L	T	P/D	C

B Tech, ME- III Year I Semester

-	-	2/-	1

Prerequisite(s): 20ME22002-Kinematics of Machinery
20ME31002-Dynamics of Machinery

Course Objectives: This course covers

1. Basic principles of motion and inertia
2. Formation and functioning of various mechanisms
3. Concepts of static and dynamic balancing
4. Evaluation of vibrating systems for stability concepts

Course Outcomes (COs): At the end of the course, a student would be able to

CO1: **Analyze motion in mechanisms and select suitable alternate**

CO2: **Comprehend and design the various belt drives**

CO3: **Select various gears and gear trains for power transmission**

CO4: **Comprehend vibrations in different machine components**

CO5: **Analyze the forces, moments and torques generated in spinning masses**

List of Experiments

1. Study of various types of kinematic links, pairs, chains and mechanisms
2. Study of various kinds of belt drives
3. Study of various types of Cams and Followers
4. Study of different types of Gears
5. Study of different types of Gear Trains
6. Determination of damped natural frequency of a vibrating system with different viscousoils
7. Determination of steady state amplitude of a forced vibrating system
8. Static balancing using steel balls
9. Determination of the magnitude and orientation of the balancing mass in dynamicbalancing
10. Field balancing of the thin rotors using vibration pickups
11. Determination of the magnitude of gyroscopic couple, angular velocity of precession andrepresentation of vectors
12. Determination of coefficient of friction between a belt and pulley

20ME32L01- Mechanical Measurements and Instrumentation Lab

L	T	P/D	C
-	-	2	1

B. Tech, ME – III Year II Semester

Pre-requisites: 20ME31001- Mechanical Measurements and Instrumentation

Course Objectives: This course covers

1. The necessary skills for calibration and testing of different gauges and instruments.
2. The necessary skills to collect data, perform analysis and interpret results to draw validconclusions through standard test procedures using various metrology instruments

Course Outcomes (COs): At the end of the course, student would be able to

CO1: Demonstrate the necessary skills to collect data, to perform analysis and interpret results to draw valid conclusions through standard test procedures usingvarious metrology instruments.

CO2: Demonstrate the necessary skills for calibration and testing of different gaugesand instruments

Note: **Students should perform at least 10 experiments**

Section - A: Mechanical Measurements

1. Use of gear teeth vernier callipers for checking the chordal addendum and chordal height ofthe spur gear.
2. Measurement of tool angles using tool makers microscope
3. Angle and taper measurements by bevel protractor and sine bars
4. Use of spirit level and optical flats in finding the flatness of surface plate
5. Thread measurement by 2-wire and 3-wire methods.
6. Surface finish Measurement

Note: **Minimum five experiments will be performed by a student among the above (Section A)**

Section - B: Mechanical Instrumentation

1. Calibration of pressure gauges
2. Calibration of resistance temperature detector for temperature measurement
3. Calibration of thermocouple for temperature measurement
4. Calibration of transducer for temperature measurement (thermistor)
5. Study and calibration of LVDT transducer for displacement measurement
6. Calibration of capacitive transducer for angular displacement
7. Study and calibration of a rotometer for flow measurement
8. Study and calibration of photo and magnetic speed pickups for the measurement of speed.

9. Calibration of strain gauge for temperature measurement
10. Study and use of a seismic pickup for the measurement of vibration amplitude of an enginebed at various loads
11. Study and calibration of McLeod gauge for low pressure

20ME32L02 – CAD/CAM Lab
B. Tech, ME - III Year II Semester

L	T	P/D	C
-	-	2/-	1

Pre-requisites: **20ME21002 - Mechanics of Solids, 20ME32001 - Finite Element Methods**

Course Objectives: This course covers

1. Fundamentals of CAD tools for geometric modelling
2. Computer Aided Analysis of structural and thermal systems
3. Development of part programming for CNC machines

Course Outcomes: At the end of the course, the student would be able to:

CO1: Develop a geometric model of engineering parts
CO2: Analyze structural systems for stresses and displacements
CO3: Analyze heat transfer through a metal bars
CO4: Develop CNC part programming and simulate on Turning and Milling
CO5: Create a component on CNC Turning and Milling

Section A: Computer Aided Design (CAD):

1. Generation of various 3D geometric models of machine components involving extrusion,revolve, sweep - 1 Exercise (Piston, Connecting Rod, Cylinder of an IC Engine)
2. Preparation of part drawings - Drafting orthographic projection of machine parts- 1 Exercise
3. Assembly of Machine parts - I C Engine mechanism- 1 Exercise
4. Stress analysis of a Bar of constant cross sectional area, tapered bar and stepped bar - 1Exercise
5. Determination of reactions, displacements and stresses in a Truss system- 1 Exercise
6. Analysis of stresses and strains in different types of Beams- cantilever beam withConcentrated load, Simply supported beam with UDL - 2 Exercises

7. Steady state heat conduction in a fin- 1 Exercise

Section B: Computer Aided Manufacturing (CAM)

1. Development of CNC part program for step turning and machining of a component.
2. Development of CNC part program for taper turning and machining of a component.
3. Development of CNC part program for slot milling and machining of a component.
4. Development of CNC part program for profile milling and machining of a component.

20ME32L03 – Heat Transfer Laboratory

B.Tech, ME- III Year II Semester Prerequisites:
20ME21004 - Thermodynamics

L	T	P/D	C
-	-	2/-	1

20ME32004 - Heat Transfer
20ME21003- Fluid Mechanics and Hydraulic Machinery

Course Objectives: This Course covers:

1. Concepts of heat energy in industrial, and domestic systems
2. Concepts of Conductive and Convective heat transfer
3. Condensing mechanisms of heat transfer
4. Concepts of radiation in heat transfer

Course Outcomes (COs): **At the end of the course, student would be able to:CO1: Estimate thermal conductivity of different materials**

CO2: Evaluate temperature along the length of the pin-fin

CO3: Evaluate heat transfer coefficient in transient heat conduction

CO4: Determine the Stefan Boltzmann Constant and emissivity in radiation heat transferCO5: Estimate heat transfer coefficient in free convection and forced convection

List of Experiments:

1. Determination of Thermal Conductivity of a given metal rod
2. Determination Overall heat transfer co-efficient in Composite Slab Apparatus
3. Determine the Thermal Conductivity and Heat transfer through lagged pipe
4. Determine the Thermal Conductivity and Heat Transfer through a Concentric Spheres

5. Determination of Heat transfer co-efficient in pin-fin apparatus
6. Determination of Heat transfer co-efficient in Transient Heat Conduction
7. Determination of Heat transfer co-efficient in forced convection apparatus
8. Determination of Heat transfer co-efficient in natural convection apparatus
9. Determination of Effectiveness in Parallel and counter flow heat exchanger
10. Determination of Emissivity
11. Determination of Stefan Boltzman constant(σ).
12. Determination of Heat transfer co-efficient in Film and drop wise condensation
13. Determination of Heat transfer rate in Critical Heat flux apparatus.
14. Study of heat pipe and its demonstration.
15. Determination of Heat transfer co-efficient in pin-fin (Natural convection).

20ME41L01 – Digital Manufacturing Lab

B. Tech. ME-IV Year, I Semester

L	T	P/D	C
-	-	2	1

Pre-requisites: 20ME32L02 - CAD/CAM lab

Course Objectives: Develop ability to

1. To apply Program for digital fabrication.
2. Make a prototype from digital data.
3. Recognize the implications of mass manufacturing when designing a prototype.
4. To familiarize the working operation of machines to develop prototypes.

Course Outcomes: At the end of the course, the student will be able to:

CO1: **Interpret the relationship between geometric modelling digital fabrication tools.**

CO2: **Develop a hands- on skills for free style 3D modelling**

CO3: **Learn to measure, manipulate and print 3D physical Models**

CO4: **Create prototype of physical components through scanned/ Digital Data**

CO5: **Develop prototyping skills through a Project involving ideation.**

List of Experiments:

1. Basic 3D modelling techniques.
2. Free style modelling using 3D modelling software.
3. 3D Modelling of Machine components using parametric design Concepts (2 Experiments)
4. Creating geometric model of physical component using 3D Modelling software (2Experiments)
5. To perform 3D Printing of the designed model (2 Experiments).
6. To perform the 3D Scanning using laser scanners (2 Experiments).

7. To understand and implement 3D Printing concepts for conversion of CAD model into realpart: slicing, effect of part orientation.

20ME41L02 - Computer Aided Production Drawing Practice Lab

B. Tech, ME- IV Year I Semester

L	T	P/D	C
-	-	2/-	1

Pre-requisites: 20ME11002 - Engineering Graphics
20ME22L02 - Machine Drawing Lab

Course Objectives: This course covers,

1. AutoCAD software functions to create production drawings using multiple lines, geometric shapes, and curves and use commands to save and plot.
2. Features of AutoCAD that automate the drafting process and facilitate creation of fasterand accurate drawings
3. Features of AutoCAD for automated dimensions, tolerances, drawing notes and labels
4. The process sheets of various production drawings
5. Create production drawings of machine parts and process sheets using AutoCAD

Course Outcomes: At the end of the course, student would be able to:

CO1: Apply knowledge of graphics and design competencies in developing production drawings.
CO2: Apply knowledge of AutoCAD software functions to create drawings using multiplelines, geometric shapes, and curves and use commands to save and print.
CO3: Apply features of AutoCAD that automate the drafting process and facilitate creation ofaccurate drawings with minimum time.
CO4: Identify and classify the process sheets of various production drawings such as production drawing of mating parts, production drawing of assemblies..etc
CO5: Construct an production drawing with appropriate process sheet using AutoCAD

Experiments

1. Creation of a Production Drawing Process sheets with Title box using AutoCAD.
2. Dimensioning in AutoCAD and components of Dimensioning Panel.
3. Creation of Standard Mechanical components with specifications using AutoCAD.
4. Production Drawing of Bevel Gear with process sheet using AutoCAD.
5. Production Drawing of Helical Gear with process sheet using AutoCAD.
7. Production Drawings of Mating Components : Tappet in Guide, Flange on shaft usingAutoCAD
8. Production Drawings of Mating Components : Tappet in Guide, Flange on Bush Bearingetc., using AutoCAD
9. Production Drawings of Assemblies: Footstep bearing using AutoCAD.
10. Production Drawing of Forging using AutoCAD

11. Creation of Jigs for drilling machine using AutoCAD
12. Creation of Jigs for shaper using AutoCAD
13. Creation of Fixture for drilling machine using AutoCAD

ANNEXURE -3

Academic Calendar of the College

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Geethanjali

Geethanjali College of Engineering and Technology

AUTONOMOUS

(Accredited by NAAC "A+" Grade; ECE, CSE, EEE & CE, B.Tech Programs Accredited by NBA.
Approved by AICTE, New Delhi, Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Academic Calendar for I B. Tech. (Autonomous) of the Academic Year 2023-24.

I Semester:

Description	Period	Duration
Orientation and Induction program	25-08-2023 to 31-08-2023	7 days
Commencement of Instruction	01-09-2023	
First spell of instruction (First slot)	01-09-2023 to 21-10-2023	7 weeks 2 days
First Parent – Teacher Meeting	21-10-2023	
Dusshera Recess	23-10-2023 to 29-10-2023	1 week
First spell of instruction (Second slot)	30-10-2023 to 04-11-2023	1 week
First Mid-Term Examination	06-11-2023 to 10-11-2023	5 days
Submission of First Mid-Term Examinations Marks to Exam Branch on or before	18-11-2023	
Second spell of instructions	13-11-2023 to 06-01-2024	8 weeks
Second Parent – Teacher Meeting	23-12-2023	
Last day of Instruction	06-01-2024	
Second Mid-Term examinations	08-01-2024 to 12-01-2024	5 days
Submission of Second Mid-Term Examinations Marks to Exam Branch on or before	20-01-2024	
Preparation Holidays and Practical Examinations	13-01-2024 to 24-01-2024	12 days
End Semester Examinations	25-01-2024 to 03-02-2024	10 days

II Semester:

Description	Period	Duration
Commencement of Instruction	05-02-2024	
First spell of instructions	05-02-2024 to 30-03-2024	8 weeks
First Parent – Teacher Meeting	23-03-2024	
First Mid-Term Examination	01-04-2024 to 08-04-2024	6 days
Submission of First Mid-Term Examinations Marks to Exam Branch on or before	12-04-2024	
Second spell of instructions (First slot)	12-04-2024 to 04-05-2024	3 weeks 2 days
Summer Vacation	06-05-2024 to 01-06-2024	4 weeks
Second spell of instructions (Second slot)	03-06-2024 to 04-07-2024	4 weeks 4 days
Second Parent – Teacher Meeting	22-06-2024	
Last day of Instruction	04-07-2024	
Second Mid-Term Examinations	05-07-2024 to 11-07-2024	6 days
Submission of Second Mid-Term Examinations Marks to Exam Branch on or before	20-07-2024	
Preparation Holidays and Practical Examinations	12-07-2024 to 21-07-2024	10 days
End Semester/Supplementary Examinations	22-07-2024 to 03-08-2024	13 days
Commencement of Class work for the next academic year 2024-25	05-08-2024	

Dean, Academics

Principal
PRINCIPAL
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(Autonomous)
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Geethanjali

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AUTONOMOUS

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Academic Calendar for B. Tech II, III year (Autonomous) for the Academic Year 2023-2024.

I-Semester

Description	Period	Duration
First Spell of Instruction (First slot)	11/09/2023 to 21/10/2023	6 weeks
First Parent Teacher Meeting	08/10/2023	
Dusshera Holidays	22/10/2023 to 29/10/2023	1 week
First Spell of Instruction (Second slot)	30/10/2023 to 11/11/2023	2 weeks
First Mid –Term Examinations	13/11/2023 to 15/11/2023	3 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	22/11/2023	
Second Spell of Instructions	16/11/2023 to 13/01/2024	8 weeks 3 days
Second Parent Teacher Meeting	10/12/2023	
Last day of Instruction	13/01/2024	
Second Mid Term Examination	17/01/2024 to 19/01/2024	3 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	27/01/2024	
Preparation Holidays and Practical Examination	20/01/2024 to 27/01/2024	8 days
End Semester Theory Examination	29/01/2024 to 10/02/2024	12 days

II - Semester

Description	Period	Duration
First Spell of Instruction	12/02/2024 to 13/04/2024	9 weeks
First Parent Teacher Meeting	10/03/2024	
First Mid –Term Examinations	15/04/2024 to 18/04/2024	3 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	25/04/2024	
Second Spell of Instructions (First slot)	19/04/2024 to 04/05/2024	2 weeks 2 days
Summer vacation/Internships/Mini-Project/Training	05/05/2024 to 02/06/2024	4 weeks
Second Spell of Instructions (Second slot)	03/06/2024 to 06/07/2024	5 weeks
Second Parent Teacher Meeting	09/06/2024	
Last day of Instruction	06/07/2024	
Second Mid Term Examination	08/07/2024 to 10/07/2024	3 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	18/07/2024	
Preparation Holidays and Practical Examination	11/07/2024 to 20/07/2024	10 days
End Semester Theory Examination	22/07/2024 to 03/08/2024	12 days
Commencement of next AY 2024-25	05/08/2024	

Dean Academics

Principal

PRINCIPAL
Geethanjali College of Engineering and Technolo
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 3

Phone : 9182058188
Website: www.geethanjaliinstitutions.com
info@gcet.edu.in

Geethanjali

Geethanjali College of Engineering and Technology

AUTONOMOUS

(Accredited by NAAC "A+" Grade; ECE, CSE, EEE & CE, B.Tech Programs Accredited by NBA, Approved by AICTE, New Delhi, Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Academic Calendar for B. Tech IV year (Autonomous) for the academic year 2023-2024.

I-Semester

Description	Period	Duration
First Spell of Instruction	18/07/2023 to 13/09/2023	8 weeks 2 days
First Parent Teacher Meeting	13/08/2023	
First Mid –Term Examinations	14/09/2023 to 16/09/2023	3 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	23/09/2023	
Second Spell of Instructions(First slot)	19/09/2023 to 21/10/2023	5 weeks
Dusshera Holidays	22/10/2023 to 29/10/2023	1week
Second Spell of Instructions(Second slot)	30/10/2023 to 18/11/2023	3 weeks
Second Parent Teacher Meeting	05/11/2023	
Last day of Instruction	18/11/2023	
Second Mid Term Examination	20/11/2023 to 22/11/2023	3 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	29/11/2023	
Preparation Holidays and Practical Examination	23/11/2023 to 02/12/2023	10 days
End Semester Theory Examination	04/12/2023 to 13/12/2023	9 days

II - Semester

Description	Period	Duration
First Spell of Instruction	14/12/2023 to 10/02/2024	8weeks 3 days
First Parent Teacher Meeting	21/01/2024	
First Mid –Term Examinations	12/02/2024 & 13/02/2024	2 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	17/02/2024	
Second Spell of Instructions	14/02/2024 to 13/04/2024	8 weeks 4 days
Second Parent Teacher Meeting	17/03/2024	
Last day of Instruction	13/04/2024	
Second Mid Term Examination	15/04/2024 & 16/04/2024	2 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	23/04/2024	
Preparation Holidays and Practical Examination	18/04/2024 to 24/04/2024	7 days
End Semester Theory Examination	25/04/2024 to 30/04/2024	5 days

Dean Academics

Principal

PRINCIPAL
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(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 301

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Approved by AICTE, New Delhi, Permanently Affiliated to JNTUH)
Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District. - 501 301.

Academic Calendar for MBA and M.Tech II year (Autonomous) for the Academic Year 2023-2024.

I-Semester

Description	Period	Duration
First Spell of Instruction (First Slot)	19/09/2023 to 21/10/2023	5 weeks
Dusshera Holidays	22/10/2023 to 29/10/2023	1 week
First Spell of Instruction (Second Slot)	30/10/2023 to 18/11/2023	3 weeks
First Mid –Term Examinations	20/11/2023 to 22/11/2023	3 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	29/11/2023	
Second Spell of Instructions	23/11/2023 to 20/01/2024	8 weeks 3 days
Last day of instruction	20/01/2024	
Second Mid Term Examination	22/01/2024 to 24/01/2024	3 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	31/01/2024	
Preparation Holidays and Practical Examination	25/01/2024 to 03/02/2024	10 days
End Semester Theory Examination	05/02/2024 to 17/02/2024	14 days

II - Semester

Description	Period	Duration
First Spell of Instruction	19/02/2024 to 20/04/2024	9 weeks
First Mid –Term Examinations	22/04/2024 to 24/04/2024	3 days
Submission of First Mid Term Examination Marks to Exam Branch on or before	02/05/2024	
Second Spell of Instructions (First slot)	25/04/2024 to 04/05/2024	1 week 3 days
Summer vacation	05/05/2024 to 02/06/2024	4 weeks
Second Spell of Instructions (Second slot)	03/06/2024 to 13/07/2024	6 weeks
Last day of instruction	13/07/2024	
Second Mid Term Examination	15/07/2024 to 18/07/2024	3 days
Submission of Second Mid –Term Examinations marks to Exam Branch on or before	25/07/2024	
Preparation Holidays and Practical Examination	19/07/2024 to 28/07/2024	10 days
End Semester Theory Examination	29/07/2024 to 10/08/2024	12 days

Dean Academics

Principal
PRINCIPAL
Geethanjali College of Engineering and Technolog
(Autonomous)
Cheeryal (V), Keesara (M), Medchal Dist. (T.S.) - 501 30

ANNEXURE -5

RANK ANALYSIS BY ADMISSION CATEGORY(OC/BC/SC/ST/EWS) B.TECH STUDENTS LIST FOR 2024-25

Date:19.08.2024

Computer Science and Engineering **Final counselling**

	OC		BC-A		BC-B		BC-C		BC-D		SC		ST		BC.E	
	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS
LEAST	7365	8217	24755	9542	11057	10472	60980	48855	16983	16199	42867	35581	35244	56151	27628	42210
HIGHEST	18969	18936	44461	49710	27658	27600	60980	73213	28389	27108	66558	63625	82678	118653	49404	58838
	EWS															
LEAST	14387	14541														
HIGHEST	19534	19764														

Electronics & Communication Engineering

	OC		BC-A		BC-B		BC-C		BC-D		SC		ST		BC.E	
	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS
LEAST	17911	23371	53326	64831	23929	25521	NIL		24552	20037	64876	72395	82990	116249	70568	94914
HIGHEST	23583	26122	56387	66346	42511	44683			34237	35493	84755	96825	106750	134197	89045	94914
	EWS															
LEAST	24246	27847														
HIGHEST	28544	29606														

CSE (Artificial Intelligence and Machine learning)

	OC		BC-A		BC-B		BC-C		BC-D		SC		ST		BC.E	
	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS
LEAST	9625	10504	16203	31421	18784	19159	29544	NIL	15440	26120	33404	56048	51436	84311	25145	41393
HIGHEST	16721	19931	47412	44868	28688	28690	92420		30201	30311	70210	71004	86534	114562	56375	63907
	EWS															
LEAST	14441	19531														
HIGHEST	20182	20742														

CSE (Data Science)

	OC	BC-A	BC-B	BC-C	BC-D	SC	ST	BC.E

	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS	BOYS	GIRLS
LEAST	17341	12721	38137	40246	22912	18209	33329		24355	23479	43912	60787	81800	65206	52303	50189
HIGHEST	20447	20532	52461	50752	31092	30977	33329	89322	31559	31556	72874	70871	89709	102432	63987	66771
	EWS															
LEAST	16279	20008														
HIGHEST	21054	21947														
CSE (Cyber Security)																
	OC		**BC-A**		**BC-B**		**BC-C**		**BC-D**		**SC**		**ST**		**BC.E**	
	BOYS	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**
LEAST	12701	13732	26734	54020	29510	26103	NIL	93132	30080	25673	28041	68328	70193	79434	58788	57706
HIGHEST	21212	23212	55379	57962	32159	32474		123547	33223	32830	78031	80896	96277	95160	85006	75362
	EWS															
LEAST	16440	20595														
HIGHEST	22726	24916														
Electrical and Electronics Engineering																
	OC		**BC-A**		**BC-B**		**BC-C**		**BC-D**		**SC**		**ST**		**BC.E**	
	BOYS	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**
LEAST	30392	26867	81538	154455	45278	60551	nil		45016	69494	40113	95150	110338	154269	75815	NIL
HIGHEST	30392	26867	124179	154455	86098	73108			50976	71314	155601	166348	149742	172237	156312	
	EWS															
LEAST	44182	48148														
HIGHEST	61625	48148														
Machanical Engineering																
	OC		**BC-A**		**BC-B**		**BC-C**		**BC-D**		**SC**		**ST**		**BC.E**	
	BOYS	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**
LEAST	87180	NIL	139191	NIL	96921	143773	117482	NIL	59145	NIL	148271	177615	150973	NIL	146542	
HIGHEST	NCC				126440				70347		148403		159840			
	EWS															

LEAST	**57757**	NIL														
HIGHEST	**80688**															
Civil Engineering																
	OC		**BC-A**		**BC-B**		**BC-C**		**BC-D**		**SC**		**ST**		**BC.E**	
	BOYS	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**	**BOYS**	**GIRLS**
LEAST	**NIL**		**108029**		**71420**	**95346**	NIL		**48244**	**55157**	**126738**	**165293**	**122460**	**NIL**	**110798**	
HIGHEST			**145202**		**122204**	**97930**			**83506**	**84654**	**129258**		**165208**		**115868**	
	EWS															
LEAST	**70206**	**129234**														
HIGHEST	**94891**	**129234**														

➢ Occupancy Certificate: ANNEXURE-6

CONTINENTAL DESIGNERS
Project Consultants

V.V. Krishna Reddy
M.Tech. (Structures), Formerly IASE
Chief Consultant

4, Shilpa Apartments,
Erramanzil Colony,
Hyderabad - 500082.
Telefax : (040) 23393713
Email : continentaldesigners@yahoo.com
continentaldesigners20@gmail.com

Date: 12-02-2024

OCCUPANCY CERTIFICATE

This is to certify that the following are the details of constructed areas of the buildings constructed for running the institution, "Geethanjali College of Engineering & Technology", Sponsored by Teja Educational Society, at Sy No. 33 & 34, Cheeryal (V), Keesara (M), Medchal District – 501301.

Building Permission References:

Building Name	Area (in Sq.mtrs)
Block – 1	11175.04
Block – 1I	5654.07
Block – 1II	7201.96
Block – 1V	2577.11
Block – V	12473.65
Block – VI – Sheds	1691.12
Total	**40772.95**

The above building plans have been approved by Metropolitan Commissioner, Director – I, Planning, HMDA Hyderabad vide approval number: Lr.No:012817/GHT/N1/U6/HMDA/19062018 dated 23rd December' 2021. The above buildings have been completed as per the approved plans. The buildings conform in all respects to the requirements of building stipulations contained under the statutory provisions.

This is to certify that the above buildings have been inspected and are declared **fit for OCCUPATION**.

(V.V. KRISHNA REDDY) GHMC Licence No. 245

CONTINENTAL DESIGNERS
PROJECTS CONSULTANTS
No.4, Shilpa Apts, Erramanzil Colony,
Hyderabad-500 082. Ph: 040-23393713

Fire and Safety Certificate: ANNEXURE-7


FIRE
HOSE BOX

GOVERNMENT OF TELANGANA
STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT

From The District fire officer, Malkajgiri Division.	To, G.RAJA RAVINDERREDDY, M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V), KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT,

Ack. No.**424750002021** Dated:**23/12/2021**

Sir,

Sub: TELANGANA STATE DISASTER RESPONSE & FIRE SERVICE DEPARTMENT –Malkajgiri Division. Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-1,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal** , – Regarding.

Ref:
1. Acknowledgement No **424750002021**
2. This Office NOC for Occupancy Ack/RC No.**2193** dt.**23/12/2021**
3. Non Multi storeyed Building Inspection Committee Report,. Ack. No. **424750002021**, dt. **23/12/2021**

***** ***** *****

1) The Non Multi storeyed Building Inspection committee, vide reference cited (3) has inspected the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-1,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**

2) The above said building was issued was issued No Objection certificate vide reference cited (2) for Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **14.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy .

3) Now the Builder/Authorized person has requested to issue Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **14.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy

4) Open Spaces:The builder provided the following open spaces all around the building.

	Sl.No	Side	Open spaces as per Noc occupancy	Open spaces provided now
a	1	North	5.00	6.00
	2	South	5.00	6.00
	3	East	5.00	6.00
	4	West	5.00	6.00
b	**Sl. No**	**Gate Width As per Occupancy NOC**	**as per Noc occupancy**	**provided now**
	1	Entry gate width	4.50	6
	2	Entry Gate Head Clearance	5.00	5
	3	Exit Gate Width	4.50	6
	4	Exit Gate Head Clearance	5.00	5

5) Travel Distance

Sl.	Item / Description	as per Noc	provided

No.		occupancy	now
1	Farthest point (Most Remote Point) With in a storey or a mezzanine floor to the door to an Exit.	29.00	29.00
2	The Dead end of the corridor length in exit access. (6 mtrs for Educational, Institutional and Assembly, 15mtrs for other Occupancies)	6.00	6.00

6) Stair Cases (As per Occupancy NOC) :

Sl.no.	Type of staircases	Total width	No of staircases	Floors from	Floors to
1	Internal staircases	1.50	1	Ground	Terrace
2	External staircases	1.40	1	Ground	Terrace

7) Means of Escape Floor Wise Details :

Sl.no.	Floor type	Buil-up Area in Sq.Mtrs	Type of Occupancy	Occupant Load	Means of escape required as per Occupancy NOC	Means escape available now
1	Ground	2920.00	EDUCATIONAL B-2 All others/training institutions	730.00	14.60	14.60
2	1st Floor	2920.00	EDUCATIONAL B-2 All others/training institutions	730.00	14.60	14.60
3	2nd Floor	2811.00	EDUCATIONAL B-2 All others/training institutions	703.00	14.06	14.60
4	3rd Floor	2811.00	EDUCATIONAL B-2 All others/training institutions	703.00	14.06	14.06

8) Fire Shaft as per Occupancy NOC:

9) Floor Wise details of Fire Fighting Installations:

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatc detection and alarm system
1	Ground	15.00	3.00	0.00	0.00	0.00
2	1st Floor	15.00	3.00	0.00	0.00	0.00
3	2nd Floor	15.00	3.00	0.00	0.00	0.00
4	3rd Floor	15.00	3.00	0.00	0.00	0.00

10) Fire Fighting Installations As per Occupancy NOC :

Fire Fighting System.	Required As per Occupancy NOC	Provided
Fire Extinguishers	60	114
First Aid Hose Reel	12	12
Terrace Tank over Respective Tower Terrace in Litres	10000	10000
Pump Capacity in LPM at the Terrace Tank Level with Minimum Pressure of 3.5 kg/cm^2	450	450

11). The Non Multi storeyed Building Inspection Committee have reported that the Management has provided the Fire Safety Measres and there is no deficiencies.

12. **Remarks :**

As per the inspection committee recommendation the issue of NOC for renewal is approved.

13) In view of the above and as per recommendations of the Non Multi storeyed building inspection Committee, the Renewal of No Objection Certificate for occupancy is issued to Non Multi storeyed Building with **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-1,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**
with a height of **14.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy subject to the following conditions

Sl	Builder and Management Body	Occupant	Management Body and fire and security

No.			
			personnel
1	-a) All the fire protection arrangements shall be maintained in good condition as seen during inspection. -b) Do's and Don'ts in case of fire shall be prominently displayed in entire building	All the escape/exit roots shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting systems installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipment during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipment during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for occupancy is valid for Five year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely at once from the nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling it. If not, take all steps to isolate the area by closing doors and windows.

This Renewal of No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Yours Sincerely,
District fire officer,
Malkajgiri Division.

Copies to:
i) The Management
ii) Non Multi storeyed Building Inspection Committee
iii) Copy submitted to Regional Fire officer
iv) Copy submitted to DG fire services

"THIS IS COMPUTER GENERATED DOCUMENT AND DO NOT REQUIRE ANY STAMP OR SIGNATURE"

GOVERNMENT OF TELANGANA
STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT

From The District fire officer, Malkajgiri Division.	To, G.RAJA RAVINDERREDDY, M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V), KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT,

Ack. No.**424760002021** Dated:**23/12/2021**

Sir,

Sub:	TELANGANA STATE DISASTER RESPONSE & FIRE SERVICE DEPARTMENT –Malkajgiri Division. Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-2,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal** , – Regarding.
Ref:	1. Acknowledgement No **424760002021** 2. This Office NOC for Occupancy Ack/RC No.**2108** dt.**23/12/2021** 3. Non Multi storeyed Building Inspection Committee Report,. Ack. No. **424760002021**, dt. **23/12/2021**

***** ***** *****

1) The Non Multi storeyed Building Inspection committee, vide reference cited (3) has inspected the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-2,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**

2) The above said building was issued was issued No Objection certificate vide reference cited (2) for Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **13.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy .

3) Now the Builder/Authorized person has requested to issue Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **13.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy

4) Open Spaces:The builder provided the following open spaces all around the building.

	Sl.No	Side	Open spaces as per Noc occupancy	Open spaces provided now
a	1	North	5.00	6.00
	2	South	5.00	6.00
	3	East	5.00	6.00
	4	West	5.00	6.00
b	**Sl. No**	**Gate Width As per Occupancy NOC**	**as per Noc occupancy**	**provided now**
	1	Entry gate width	4.50	6
	2	Entry Gate Head Clearance	5.00	5
	3	Exit Gate Width	4.50	6
	4	Exit Gate Head Clearance	5.00	5

5) Travel Distance

Sl.	Item / Description	as per Noc	provided

No.		occupancy	now
1	Farthest point (Most Remote Point) With in a storey or a mezzanine floor to the door to an Exit.	29.00	29.00
2	The Dead end of the corridor length in exit access. (6 mtrs for Educational, Institutional and Assembly, 15mtrs for other Occupancies)	6.00	6.00

6) Stair Cases (As per Occupancy NOC) :

Sl.no.	Type of staircases	Total width	No of staircases	Floors from	Floors to
1	Internal staircases	2.00	1	Ground	3rd Floor
2	Internal staircases	1.90	1	Ground	3rd Floor
3	External staircases	1.60	1	Ground	Terrace

7) Means of Escape Floor Wise Details :

Sl.no.	Floor type	Buil-up Area in Sq.Mtrs	Type of Occupancy	Occupant Load	Means of escape required as per Occupancy NOC	Means escape available now
1	Ground	834.00	EDUCATIONAL B-2 All others/training institutions	208.00	4.17	4.17
2	1st Floor	1584.00	EDUCATIONAL B-2 All others/training institutions	396.00	7.92	7.92
3	2nd Floor	1584.00	EDUCATIONAL B-2 All others/training institutions	396.00	7.92	7.92
4	3rd Floor	1584.00	EDUCATIONAL B-2 All others/training institutions	396.00	7.92	7.92

8) Fire Shaft as per Occupancy NOC:

9) Floor Wise details of Fire Fighting Installations:

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatc detection and alarm system
1	Ground	5.00	1.00	0.00	0.00	0.00
2	1st Floor	8.00	2.00	0.00	0.00	0.00
3	2nd Floor	8.00	2.00	0.00	0.00	0.00
4	3rd Floor	8.00	2.00	0.00	0.00	0.00

10) Fire Fighting Installations As per Occupancy NOC :

Fire Fighting System.	Required As per Occupancy NOC	Provided
Fire Extinguishers	29	56
First Aid Hose Reel	7	8
Terrace Tank over Respective Tower Terrace in Litres	10000	10000
Pump Capacity in LPM at the Terrace Tank Level with Minimum Pressure of 3.5 kg/cm^2	450	450

11). The Non Multi storeyed Building Inspection Committee have reported that the Management has provided the Fire Safety Measres and there is no deficiencies.

12. **Remarks :**

As per the recommendation of the inspection committee, the issue of NOC for renewal is Approved.

13) In view of the above and as per recommendations of the Non Multi storeyed building inspection Committee, the Renewal of No Objection Certificate for occupancy is issued to Non Multi storeyed Building with **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-2,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**
with a height of **13.90** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy subject to the following conditions

Sl No.	Builder and Management Body	Occupant	Management Body and fire and security personnel
1	-a) All the fire protection arrangements shall be maintained in good condition as seen during inspection. -b) Do's and Don'ts in case of fire shall be prominently displayed in entire building	All the escape/exit roots shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting systems installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipment during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipment during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for occupancy is valid for Five year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely at once from the nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling it. If not, take all steps to isolate the area by closing doors and windows.

This Renewal of No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Yours Sincerely,
District fire officer,
Malkajgiri Division.

Copies to:
i) The Management
ii) Non Multi storeyed Building Inspection Committee
iii) Copy submitted to Regional Fire officer
iv) Copy submitted to DG fire services

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GOVERNMENT OF TELANGANA
STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT

From The District fire officer, Malkajgiri Division.	To, G.RAJA RAVINDERREDDY, M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V), KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT,

Ack. No.**424770002021** Dated:**23/12/2021**

Sir,

Sub: TELANGANA STATE DISASTER RESPONSE & FIRE SERVICE DEPARTMENT –Malkajgiri Division. Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-3,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal** , – Regarding.

Ref:
1. Acknowledgement No **424770002021**
2. This Office NOC for Occupancy Ack/RC No.**2109** dt.**23/12/2021**
3. Non Multi storeyed Building Inspection Committee Report,. Ack. No. **424770002021**, dt. **23/12/2021**

***** ***** *****

1) The Non Multi storeyed Building Inspection committee, vide reference cited (3) has inspected the Non Multi storeyed Building of **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-3,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**

2) The above said building was issued was issued No Objection certificate vide reference cited (2) for Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **14.60** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy .

3) Now the Builder/Authorized person has requested to issue Renewal of No Objection Certificate for Occupancy to the Non Multi storeyed Building with **1 Ground, 3 Floors,** with a height of **14.60** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy

4) Open Spaces:The builder provided the following open spaces all around the building.

	Sl.No	Side	Open spaces as per Noc occupancy	Open spaces provided now
a	1	North	5.00	6.00
	2	South	5.00	6.00
	3	East	5.00	6.00
	4	West	5.00	6.00
b	**Sl. No**	**Gate Width As per Occupancy NOC**	**as per Noc occupancy**	**provided now**
	1	Entry gate width	4.50	6
	2	Entry Gate Head Clearance	5.00	5
	3	Exit Gate Width	4.50	6
	4	Exit Gate Head Clearance	5.00	5

5) Travel Distance

Sl.	Item / Description	as per Noc	provided

No.		occupancy	now
1	Farthest point (Most Remote Point) With in a storey or a mezzanine floor to the door to an Exit.	29.00	29.00
2	The Dead end of the corridor length in exit access. (6 mtrs for Educational, Institutional and Assembly, 15mtrs for other Occupancies)	6.00	6.00

6) Stair Cases (As per Occupancy NOC) :

Sl.no.	Type of staircases	Total width	No of staircases	Floors from	Floors to
1	Internal staircases	3.00	1	Ground	3rd Floor
2	Internal staircases	1.80	1	Ground	Terrace
3	External staircases	1.60	1	Ground	3rd Floor

7) Means of Escape Floor Wise Details :

Sl.no.	Floor type	Buil-up Area in Sq.Mtrs	Type of Occupancy	Occupant Load	Means of escape required as per Occupancy NOC	Means escape available now
1	Ground	1824.29	EDUCATIONAL B-2 All others/training institutions	456.00	9.12	9.12
2	1st Floor	1654.54	EDUCATIONAL B-2 All others/training institutions	414.00	8.27	8.27
3	2nd Floor	1829.63	EDUCATIONAL B-2 All others/training institutions	457.00	9.15	9.15
4	3rd Floor	1829.63	EDUCATIONAL B-2 All others/training institutions	457.00	9.15	9.15

8) Fire Shaft as per Occupancy NOC:

9) Floor Wise details of Fire Fighting Installations:

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatc detection and alarm system
1	Ground	10.00	2.00	0.00	0.00	0.00
2	1st Floor	9.00	2.00	0.00	0.00	0.00
3	2nd Floor	10.00	2.00	0.00	0.00	0.00
4	3rd Floor	10.00	2.00	0.00	0.00	0.00

10) Fire Fighting Installations As per Occupancy NOC :

Fire Fighting System.	Required As per Occupancy NOC	Provided
Fire Extinguishers	39	71
First Aid Hose Reel	8	8
Terrace Tank over Respective Tower Terrace in Litres	10000	10000
Pump Capacity in LPM at the Terrace Tank Level with Minimum Pressure of 3.5 kg/cm^2	450	450

11). The Non Multi storeyed Building Inspection Committee have reported that the Management has provided the Fire Safety Measres and there is no deficiencies.

12. **Remarks :**

As per the recommendation of the inspection committee, the issue of NOC for renewal is Approved.

13) In view of the above and as per recommendations of the Non Multi storeyed building inspection Committee, the Renewal of No Objection Certificate for occupancy is issued to Non Multi storeyed Building with **M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.BLOCK-3,M/S GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY.SY.NO.33&34.CHEERYAL(V),KEESARA(M), MEDCHAL-MALKAJGIRI DISTRICT/-Cheeryal/Keesara/Medchal**
with a height of **14.60** Meters for **EDUCATIONAL B-2 All others/training institutions** Occupancy subject to the following conditions

Sl No.	Builder and Management Body	Occupant	Management Body and fire and security personnel
1	-a) All the fire protection arrangements shall be maintained in good condition as seen during inspection. -b) Do's and Don'ts in case of fire shall be prominently displayed in entire building	All the escape/exit roots shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting systems installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipment during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipment during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for occupancy is valid for Five year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely at once from the nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling it. If not, take all steps to isolate the area by closing doors and windows.

This Renewal of No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Yours Sincerely,
District fire officer,
Malkajgiri Division.

Copies to:
i) The Management
ii) Non Multi storeyed Building Inspection Committee
iii) Copy submitted to Regional Fire officer
iv) Copy submitted to DG fire services

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GOVERNMENT OF TELANGANA
STATE DISASTER RESPONSE & FIRE SERVICES DEPARTMENT
NO OBJECTION CERTIFICATE

From The Regional Fire Officer Central Region, State Disaster Response and Fire Services, Telangana, Hyderabad.	To, Raja Ravinder Reddy, GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY(SPONSORED BY TEJA EDUCATIONAL SOCIETY) BLOCK-5, IN SY. NO:31, 33, & 34, SITUATED AT: CHEERYAL VILLAGE, KEESARA MANDAL, MEDCHAL-MALKAJGIRI DISTRICT. T.S.,
	Rc. No.**476540002023**Dated:**04/02/2023**
Sir,	
Sub:	TELANGANA STATE DISASTER RESPONSE & FIRE SERVICE DEPARTMENT —Malkajgiri Division. Issue of No Objection Certificate for Occupancy to the Non Multi storeyed Building of **GEETHANJALI COLLEGE OF ENGINEERING TECHNOLOGYSPONSORED BY TEJA EDUCATIONAL SOCIETY BLOCK-5,GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY(SPONSORED BY TEJA EDUCATIONAL SOCIETY) BLOCK-5,IN SY. NO:31,33, & 34, SITUATED AT: CHEERYAL VILLAGE, KEESARA MANDAL, MEDCHAL-MALKAJGIRI DISTRICT. T.S./-Cheeryal/Keesara/Medchal**, Hyderabad – Regarding.
Ref:	1. Acknowledgement No**476540002023**dt.**04/02/2023** 2. Inspection Committee Report, Acknowledgement No: 476540002023

***** ***** *****

1. The Multi Storeyed Building Inspection committee, vide reference cited (2) have inspected the Non Multi Storeyed Building of **GEETHANJALI COLLEGE OF ENGINEERING TECHNOLOGYSPONSORED BY TEJA EDUCATIONAL SOCIETY BLOCK-5,GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY(SPONSORED BY TEJA EDUCATIONAL SOCIETY) BLOCK-5,IN SY. NO:31,33, & 34, SITUATED AT: CHEERYAL VILLAGE, KEESARA MANDAL, MEDCHAL-MALKAJGIRI DISTRICT. T.S./-Cheeryal/Keesara/Medchal** and submitted the following report.

2.The above building was constructed without obtaining the Provisional Noc from this department and now the builder sumbmitted application for issuance of No Objection Certificate for occupancy to the existing buliding of **1 Cellars, Ground, 3 Floors,** with a height of **14.95** Meters for **EDUCATIONAL B-2 All others/training institutions.**

3. Open Spaces : The builder provided the following open spaces all around the building.

Sl.No	Side	Open space Required as per Go.Ms.No.168 MA&UD (M) Dept,Dt.07-04-2012	Open space Provided
1	North	3.00	6.00
2	South	6.00	6.00
3	East	6.00	6.00
4	West	6.00	6.00
5	Front Direction	North	

4. Means of Access :

Sl. No	Gate Width As per NBC 2016	Required	Provided

	1	Entry gate width	6.00	6
	2	Exit Gate Width	6.00	6
	3	Entry Gate Head Clearance	4.50	4.5
	4	Exit Gate Head Clearance	4.50	4.50

5. Travel Distance

Sl. No.	Item / Description	Required (Not More than in Mtrs.)	Provided
1	Farthest point (Most Remote Point) With in a storey or a mezzanine floor to the door to an Exit.	30.00	29.00
2	The Dead end of the corridor length in exit access. (6 mtrs for Educational, Institutional and Assembly, 15mtrs for other Occupancies)	6.00	6.00

6. Stair Cases (As per NBC 2016)

Sl.no.	Type of staircases	Width (In Mtrs)	No of staircases	Floors from	Floors to
1	Internal staircases	2.00	2	Cellar	Terrace
2	Internal staircases	2.50	1	Ground	1st Floor
3	External staircases	0.00	0	Cellar	Terrace
4	Ramp(Used for Movement of vehicles)	6.00	1	Cellar	Ground

7. Means of Escape Floor Wise Details

Sl.no.	Floor type	Buil-up Area in Sq.Mtrs	Type of Occupancy	Occupant Load	Means of escape required as per table 21 of NBC	Means of escape Provided
1	Cellar	2523.48	Parking	84.00	0.84	12.00
2	Ground	2230.91	EDUCATIONAL B-2 All others/training institutions	558.00	5.58	6.00
3	1st Floor	2230.91	EDUCATIONAL B-2 All others/training institutions	558.00	5.58	8.50
4	2nd Floor	2020.51	EDUCATIONAL B-2 All others/training institutions	505.00	5.05	6.00
5	3rd Floor	2020.51	EDUCATIONAL B-2 All others/training institutions	505.00	5.05	6.00

8. Floor Wise details of Fire Fighting Installations.

Sl.no	Floor Details	Fire Extinguisher	Hose Reel	Automatic Sprinklers System	Manually Operated Electronic Fire Alarm System	Automatc detection and alarm system
1	Cellar	13.00	3.00	281.00	0.00	0.00
2	Ground	12.00	3.00	0.00	0.00	0.00
3	1st Floor	12.00	3.00	0.00	0.00	0.00
4	2nd Floor	11.00	3.00	0.00	0.00	0.00
5	3rd Floor	11.00	3.00	0.00	0.00	0.00

9. Fire Fighting Installations as per Table 7 of NBC 2016:

Fire Fighting System.	Required As per NBC	Provided
Fire Extinguishers	59.00	60
First Aid Hose Reel	15.00	15
Automatic Sprinkler System	281.00	281
Capacity of Terrace Tank over Respective Tower Terrace in Litres	15000.00	25000
Pump capacity in LPM at the Terrace Tank level with min Pressure of 3.5 Kg/CM^2	900.00	900
No. of Terrace Tanks over Respective Tower in ltrs	1	1
No. of Pumps at the Terrace Tank level with min pressure of 3.5 Kg/Cm^2	1	1

10. The builder has provided the following additional Fire Safety Requirements as per NBC of India 2016 as per NBC part 4 of India 2016::

Sl.	Fire safety Item

No	
1.	Open spaces all around the building are Leveled and have hard open spaces for the operation of fire vehicles.
2.	The upper floors of the educational building are provided with exits for every travel distance of 30 meters (TYPE1 & 2 constructions) as per table5 under clause 4.4.2.1, 4.4.2.2 of Part IV of NBC 2016
3.	The width of all exit door ways has 01-00 meter for class rooms and 02-00 meters in respect of Assembly halls as per clause 8.1 of IS 14435:1997?
4.	The height of exit door ways has 02-00 meters and more, as per clause of 8.2 of IS 14435:1997?
5.	A minimum number of two separate exits are provided for each floor as per clause 6.2 of IS 14435:1997?
6.	The exits shall be remote from each other as practicable as per clause 6.2 of IS 14435:1997?
7.	02 Doorways are provided for every room with a capacity of over 45 persons As per clause 6.2.2(a) of part-IV of NBC-2016
8.	The Location of Rooms of Preschool, Kindergarten, Class/Grade 1 student are provided at Ground Floor/level and Class/Grade II student at ground or First Floor only.
9.	The building is suitably Compartmented and provided with smoke control measures so that fire / smoke remain confined to the area where fire incident has occurred and does not spread to the remaining part of the building as per Clause 4.5 and 4.6 of part 4 NBC of India 2016.
10.	**Floor Openings Fire Protection Complied with As per Clause 3.4.5.4**
	a) Openings in Service ducts and shafts allowing building services like cables, Electrical wirings, Telephone cables, plumbing pipes etc., shall be protected by enclosure in the form of ducts / shaft having a fire resistant's not less than 120 min.
	b) The inspection door for electrical shafts / ducts shall be not less than 120 min.
	c) Medium and low voltage wiring running in shafts / ducts shall either be armoured type or run through metal conduits.
	d) The space between the electrical cables/conduits and the walls/slabs shall be filled in by a fire stop material having fire resistance rating of not less than 120 min. This shall exclude requirement of fire stop sealing for low voltage services shaft.
	e) For plumbing shafts in the core of the building, with shaft door opening inside the building, the shafts shall have inspection doors having fire resistance rating not less than 30 min..
11.	**Vertical openings Fire Protection Complied with as per Clause- 3.4.5.6** Every vertical opening between the floors of a building shall be suitably enclosed or protected, as necessary, to provide the following:
	a) Reasonable safety to the occupants while using the means of egress by preventing spread of fire, smoke, or fumes through vertical openings from floor to floor to allow occupants to complete their use of the means of egress. Further it shall be ensured to provide a clear height of 2 100 mm in the exit access.
	b) Limitation of damage to the building and its contents.
12.	**Electrical safety complied with as per Clause 3.4.6 of part – 4 NBC of India 2016**
	a) the wiring and cabling are having flame retardant property. Medium and low voltage wiring running in shafts and within false ceiling shall run in metal conduit. Any 230 V wiring for lighting or other services, above false ceiling, shall have 660 V grade insulation
	b) the electric distribution cables/wiring shall be laid in a separate shaft. The shaft shall be sealed at every floor with fire stop materials having the same fire resistance as that of the floor. High, medium and low voltage wiring running in shaft and in false ceiling shall run in separate shaft/conduits.
	c) water mains, gas pipes, telephone lines, intercom lines or any other service line shall not be laid in the duct for electrical cables; use of bus ducts/solid rising mains instead of cables is preferred.
	d) all metallic items like steel structural members, etc, shall be bonded properly to the earthing system.
13.	**Lightning protection of buildings is Complied with as per clause – 3.4.6.5** Routing of down conductors (insulated or uninsulated) of lightning protection through electrical or other service shafts are not allowed as it can create fire and explosion during lightning. For details, see Part 8.Building Services, Section 2 Electrical and Allied Installations' of the Code
14.	**Escape Lighting and Exit Signage is Complied with as per Clause 3.4.7** Exit access, exits and exit discharge shall be properly identified, with adequate lighting maintained in the elements of the egress systems so that all occupants shall be able to leave the facility safely.
15.	**Lighting is Complied with as per Clause – 3.4.7.1**
	a) The exit, exit access and exit discharge systems shall be illuminated continuously. The floors of the means of egress shall be illuminated at all points, including angles and intersections, in corridors and passageways, stairwells, landings of stairwells and exit.
	b) Emergency lighting shall be powered from a source independent of that supplying the normal lighting.

	c) The emergency lighting shall be provided to be put on within 5 s of the failure of the normal lighting supply. Also, emergency lighting shall be able to maintain the required illumination level for a period of not less than 90 min in the event of failure of the normal lighting even for smaller premises.
	d) Signs are required at all exits, emergency exits and escape routes, which should comply with the graphic requirements of the relevant Indian Standards
16.	Exit passageway (at ground) and staircase lighting is connected to alternative supply. The alternative source of supply may be provided by battery continuously trickle charged from the electric mains as per clause – 3.4.7.2
17.	Number of exits, Arrangements of exits and capacities of Means of egress types of exit access and exits etc., complied with Clause 4.4.2 of part – 4 NBC of India 2016
18.	Smoke control of exits are complied with Clause 4.4 2.5of part – 4 NBC of India 2016
19.	Fire Drills and Fire orders Complied with Clause 4.11 of part – 4 NBC of India 2016 Fire notices/orders shall be prepared to fulfil the requirements of firefighting and evacuation from the buildings in the event of fire and other emergency. The occupants shall be made thoroughly conversant with their action in the event of emergency, by displaying fire notices at vantage points and also through regular training. Such notices should be displayed prominently in bold lettering. For guidelines for fire drills and evacuation procedures for high rise buildings, see Annex D
20.	Fire extinguishers / fixed fire fighting installations, static water storage tanks and pump house are Complied with Clause 5.1 of part – 4 NBC of India 2016
21.	Automatic sprinkler installation shall be complied with as per Clause 5.1.3 of part – 4 NBC of India 2016 (If Basement exceeds 200 sq. Mtr. Area)
22.	Fire Safety plans prepared and submitted by the builder.
23.	Fire Drills shall be conducted with accordance with the fire safety plan at least once in every 03 months for building during the first 02 Years and there after once in 6 months as per Clause D-3 in annex. D of Part IV NBC of India 2016.

11) In view of the above and as per recommendations of the multistoried building inspection Committee, the No Objection Certificate for occupancy is issued to Multi Storied Building with

Sl No.	As Builder	As occupant	As Security Personnel
1	-All the fire protection arrangements shall be maintained in good condition as seen during inspection. -Do's and Don't in case of fire shall be prominently displayed in entire building	All the escape/exit roots shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency and guiding the occupants in safe evacuation. Call the fire Brigade by dialing 101.
4	This No objection Certificate for occupancy is valid for five year from the date of issue of this letter.	Raise the alarm if the fire cannot be controlled, evacuate the area completely at once from the nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling it. If Not, take all steps to isolate the area by closing doors and windows.

12.Additional Fire Safety Measures Recommended by the Department:
0
This No Objection Certificate for Occupancy is valid for Five years from the date of issue of this letter. It is the

responsibility of the builder to apply for renewal NOC, duly remitting the user charges as per G.O. Ms. No. 71, Home (Prison – A) Department, dated 01-04-2010, two months before expiry of this No Objection Certificate.

Yours Sincerely,
Regional Fire Officer Central Region,
State Disaster Response & Fire Services,
Telangana, Hyderabad.

Copies to:
i) The Management
ii) Multistoried Building Inspection Committee
iii)Copy submitted to Regional Fire officer
iv) Copy submitted to DG fire services.

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