Mandatory Disclosure

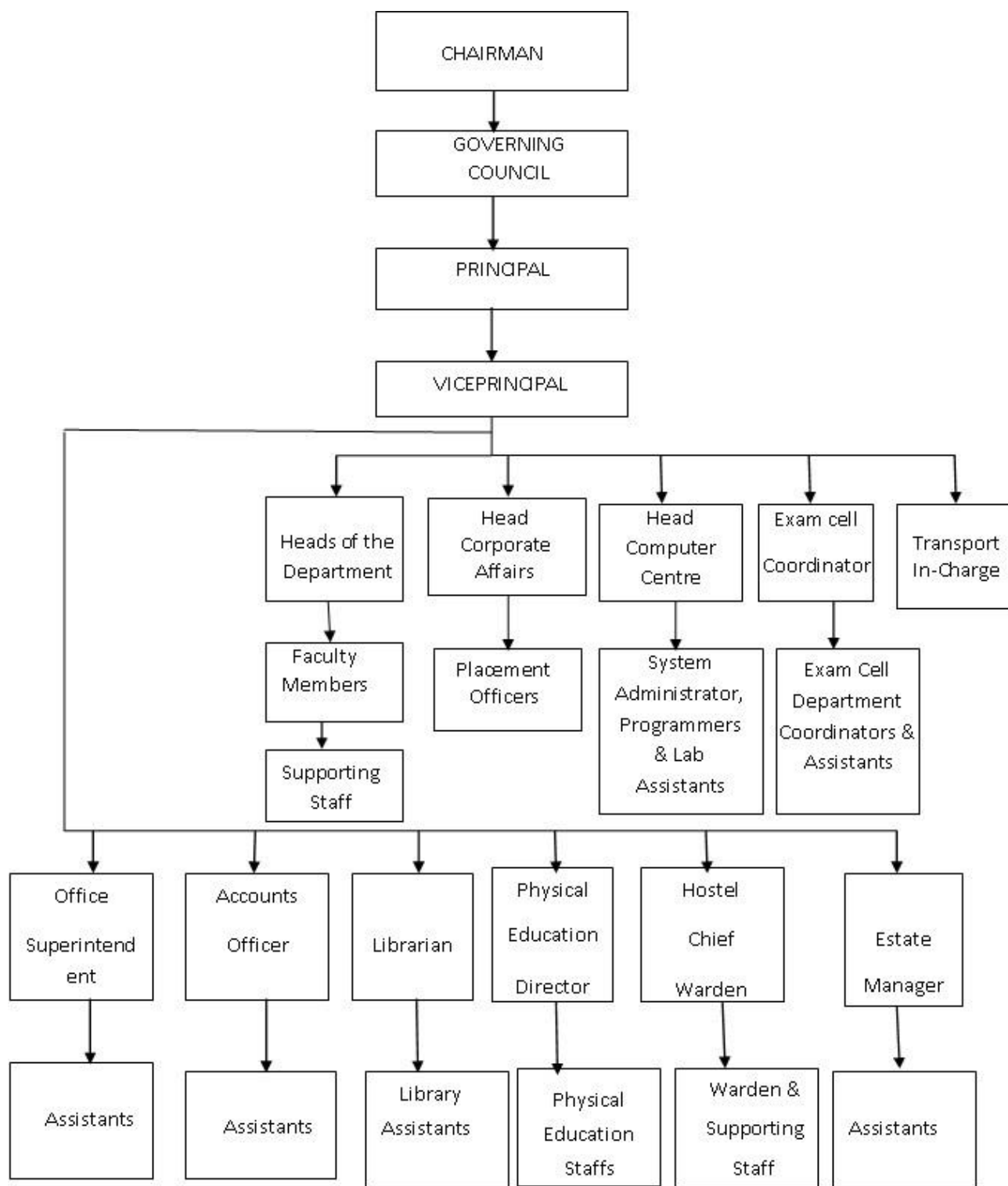| AICTE FILE No.& Approval Date	F.No.Southern/1-9317613598 / 2021/ EOA & 10/07/2021	
1	**Name of the Institution**	**Karpagam Institute of Technology**
	Address of the Institution	S.F.No.247, 248, L & T Bypass Road, Seerapalayam, Bodipalayam Post, Coimbatore
	City & PIN Code	Coimbatore – 641105
	State	Tamil Nadu
	Phone Number with STD code	0422 – 3502440
	FAX number with STD code	0422 – 2980022
	Mobile No	9486730631
	E-Mail	principalkit@gmail.com
	Website	www.karpagamtech.ac.in
2	Name and address of the trust	Karpagam Charity Trust, No.14a, LIC Colony, SIDCO Industrial Estate, Coimbatore
	Address of the organization	Karpagam Institutions, Eachanari Post, Pollachi Main Road, Coimbatore 641 021
	Phone Number with STD code	0422 – 2980014
	FAX number with STD code	0422 – 2980022
	Mobile No	9443325669
	Website of the organization	www.karpagam.edu.in
3	Name of Principal	Dr. Manimaran P
	Exact Designation	Principal
	Phone number with STD code	0422 – 3502440
	FAX number with STD code	0422 – 2980022
	Mobile No.	9486730631
	Email	drpmanimaran@gmail.com
4	Name of the affiliating University	Anna University
	Address	Sardar Patel Road, Guindy, Chennai - 600 025

5. Governance

5.1 Governing Council

1.	Chairman	Dr.R.Vasanthakumar 14A, LIC Colony. SIDCO Industries Estate, Coimbatore - 641021
2.	Member (Trust Nominee)	Mrs.V.Damayanthi 14A, LIC Colony. SIDCO Industries Estate, Coimbatore - 641021
3.	Member (Trust Nominee)	Mr.V.Karthick 14A, LIC Colony. SIDCO Industries Estate, Coimbatore - 641021
4.	Member (Trust Nominee)	Mr.K.Murugaiah New No.1056, LIC Colony, SIDCO Industries Estate, Coimbatore - 641021
5.	Member (Industrial Expert)	Mr.G.Subburaj 5A-1, 4th Street, Chinthamani Nagar, Saibaba Colony, K.K.Pudur, Coimbatore, Tamil Nadu – 641018
6.	Member (Anna University Nominee)	Dr.S.Usa New No.3, Old No.14, Sachidhanandha nagar II Cross Street, Seshadripuram Velachery, Chennai – 42
7.	Member (AICTE Nominee)	Southern Regional Officer AICTE – Southern Regional Office, 'Shastri Bhavan', 26, Haddows Road, Nungambakkam, Chennai – 600 006
8.	Member (DOTE Nominee)	Dr.V.Geetha Professor, Government College of Engineering - Salem, Bangalore Highways, Salem, Tamil Nadu-636 011.
9.	Member (Faculty)	Dr.V.J.Arulkarthick, Professor/ECE, Karpagam Institute of Technology.
10.	Member (Faculty)	Dr.S.Padmanaban, Professor/S&H, Karpagam Institute of Technology.
11.	Member (Trust - Nominee)	Dr.D.Bhanu, Viceprincipal, Karpagam Institute of Technology.
12.	Member Secretary	Dr.P.Manimaran, Principal , Karpagam Institute of Technology.

5.2 Planning and Monitoring Board

S. No	Name	Designation
CONVENOR		
1	Dr.P.Manimaran	Principal
MEMBERS		
2	Dr.D.Bhanu	Vice Principal
3	Dr.S.Gopinath	Professor / Electronics and Communication Engineering
4	Dr.S.Padmanaban	Professor / S&H
5	Mr.G.Subburaj	Managing Director- Industry Expert iRepute Pvt Ltd., Coimbatore.
6	Er.G.R.Vijayashankar	Civil Engineer- Representing Professional Service

5.3 Organizational Chart and Processes

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                          ┌──────────────┐
                          │   CHAIRMAN   │
                          └──────┬───────┘
                                 ↓
                          ┌──────────────┐
                          │  GOVERNING   │
                          │   COUNCIL    │
                          └──────┬───────┘
                                 ↓
                          ┌──────────────┐
                          │  PRINCIPAL   │
                          └──────┬───────┘
                                 ↓
                          ┌──────────────┐
                          │ VICEPRINCIPAL│
                          └──────────────┘
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Heads of the Department	Head Corporate Affairs	Head Computer Centre	Exam cell Coordinator	Transport In-Charge
Faculty Members	Placement Officers	System Administrator, Programmers & Lab Assistants	Exam Cell Department Coordinators & Assistants	
Supporting Staff				

Office Superintendent	Accounts Officer	Librarian	Physical Education Director	Hostel Chief Warden	Estate Manager
Assistants	Assistants	Library Assistants	Physical Education Staffs	Warden & Supporting Staff	Assistants

5.4 Nature and Extent of Involvement of Faculty and Students in Academic Affairs / Improvements

To improve the quality and standard of the education in the institution, following councils / committees have been formed by including various stakeholders.

1. Governing Council
2. Internal Quality Assurance Cell
3. Department Advisory Committees

5.5 Mechanism / Norms and Procedure for Democratic / Good Governance

The Institution has the following mechanism for good governance

- o Academic Calendar / Academic Schedule
- o Planned Academic Process and Documentation Procedure
- o Accounts and Financial Procedure
- o Staff Attendance Biometric
- o Library Management Information System
- o Daily Attendance Report (Student)
- o Mentor – Mentee Records
- o Evaluation and Assessment procedures

5.6 Student Feedback on Institutional Governance / Faculty performance

Online feedback from the students about the performance of the teachers is taken twice in every semester and consolidated report is prepared for analysis and communicated to the staff concerned with relevant remarks. Similarly, feedbacks on facilities are collected from students during their course of study and also at the end of their course.

**5.7 Grievance Redressal mechanism for Faculty and Students**

Grievance Redressal committee for Faculty members and Students is available. The constitution of the committee is given below.

S. No.	Name	Category	Designation
1	Dr.A.Saiyathibrahim	Convener	Associate Professor & Head / Mech
2	Dr.S.Padmanaban	Member	Professor & Head / S & H
3	Dr.N.Suma	Member	Professor / ECE
4	Ms.D.Anitha	Member	Associate Professor / S & H
5	Mr.S.N.Vijayan	Member	Deputy Warden
6	Dr.S.Thenmozhi	Member	Deputy Warden

5.8 Establishment of Anti Ragging Committee

S.No.	Name	Position	Category	Mobile Number	E-Mail D
1	Dr.P.Manimaran	Chairman	Principal	9486730631	principalkit@gmail.com
2	Mr.S.Murugesan	Member	Police Inspector	9443881000	madukarai_pc@yahoo.in
3	Ms.S.Neela	Member	Revenue Officer	9994203038	drotncbe@nic.in
4	Mr.A.S.Sankaranarayanan	Member	Official of NGO	9443385107	info@nmctngo.org
5	Mr.P.Sreenivasan	Member	Representatives of Parent	9942512244	pradeepasri2000@gmail.com
6	Ms.S.Karthikeyani	Member	Representatives of Student	6379543169	karthibabu1001@gmail.com
7	Ms.S.Pradeepa	Member	Representatives of Student	9942512244	pradeepasri2000@gmail.com
8	Mr.V.Suresh	Member	Representatives of Non-Teaching	9944350635	systemadmin@karpagamtech.ac.in
9	Dr.S.Padmanaban	Member	Representatives of Teaching	8428211211	padmanaban.mat@karpagamtech.ac.in

5.9 Establishment of Online Grievance Redressal Mechanism
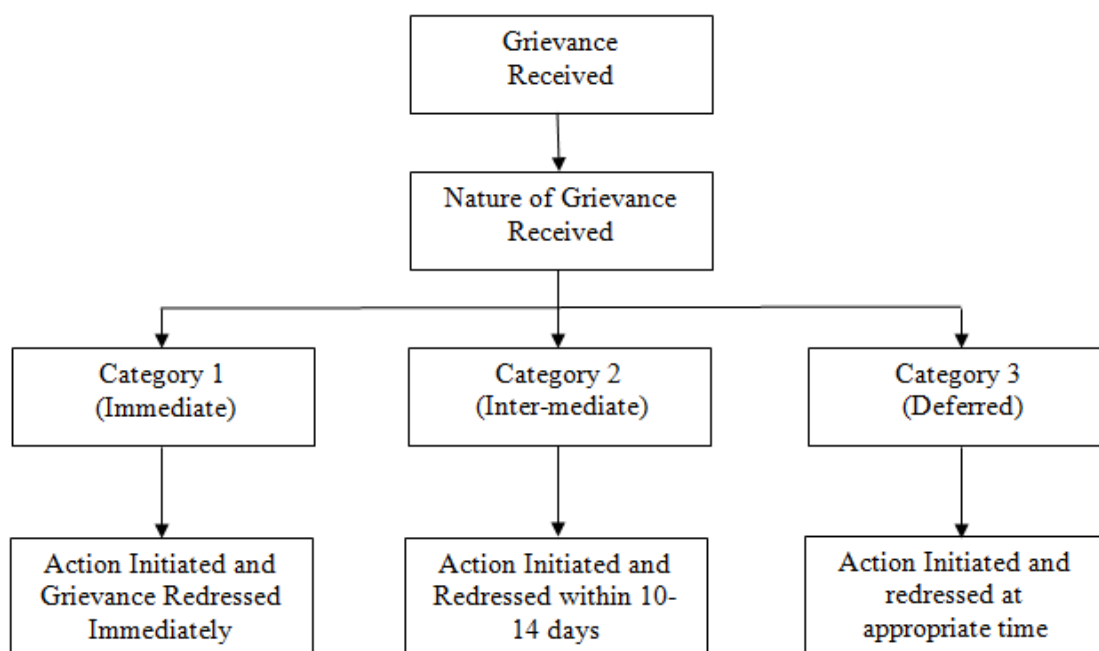
5.10 Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

S. No.	Name of the member	Designation
1	Dr.P.Manimaran	Principal
2	Dr.V.J.Arulkarthick	Professor / ECE
3	Dr.S.Gopinath	Professor & Head / ECE
4	Dr.S.Padmanaban	Professor & Head / S&H
5	Dr.T.Manojkumar	Placement Training Officer
6	Dr.K.Muthukumar	Associate Professor & Head / EEE
7	Dr.A.Saiyathibrahim	Associate Professor & Head / Mech

5.11 Establishment of Internal Complaint Committee (ICC)

S. No.	Name	Position	Category	Mobile Number	E-Mail D
1	Dr.D.Bhanu	Chairperson	Vice Principal	9952717507	bhanu.saran@gmail.com
2	Mr.P.N.Ramesh	Member	Assistant Professor	9952294298	letters4ramesh@gmail.com
3	Ms.A.Lathamaragatham	Member	Assistant Professor	9976069610	latha.phy@karpagamtech.ac.in
4	Mr.P.Lakshminarayanan	Member	Representatives of Non-Teaching	9042272708	pln@karpagamtech.ac.in
5	Mr.V.Suresh	Member	Representatives of Non-Teaching	9944350635	systemadmin@karpagamtech.ac.in
6	Mr.P.Sreenivasan	Member	Representatives of Parent	9942512244	pradeepasri2000@gmail.com
7	Ms.Pradeepa	Member	Representatives of Student	9942512244	pradeepasri2000@gmail.com
8	Ms.M.Swathilakshmi	Member	Representatives of Student	7397013334	swathi_lakshmi2000@gmail.com
9	Mr.A.S.Sankaranarayanan	Member	Official of NGO	9443385107	info@nmctngo.org

5.12 Establishment of Committee for SC/ ST

Scheduled Castes (SC) and Scheduled Tribes (ST) have been identified as the two most backward groups of Indian Society. They include all the castes, races or tribes, which have been socially, economically and educationally backward. The cell has been established to support and to bring students from such communities in the main stream. The SC/ST cell of the college was started with the purpose to empower the SC/ST students in the college. The college takes special interest in facilitating financial support to students from these communities from government agencies and other sources. They are also encouraged to enrol for career orientation programs, which would equip them with the necessary skills to choose a career option.

S.No.	Name	Designation
1	Mr.S.N.Vijayan	Assistant Professor / Mech
2	Dr.P.Mayil Vel Kumar	Associate Professor / CSE
3	Dr.S.Gopinath	Professor / ECE
4	Dr.K.Muthukumar	Associate Professor / EEE
5	Dr.C.Vimalarani	Associate Professor / IT
6	Dr.A.Saiyathibrahim	Associate Professor / Mech

5.13 Internal Quality Assurance Cell

IQAC functions under the guidance of the Management and Principal. IQAC ensures the effective implementation of quality initiatives through continuous reviews and periodic meetings. The following activities are periodically reviewed

- Academic schedule planning.
- Monitoring and conducting CIA and University Exams.
- Needs for the department & budget.
- Hosting the activities of the Department and institute in website.
- Establishment of Industrial Links.
- Training and Placement offered and maintaining Placement Data base.
- Scholarship availed and admission strategies.

Sl. No	Composition Criteria Specified by NAAC	No. of Members	Members	Designation
1.	Chairperson – Head of the Institution	1	Dr.P.Manimaran	Principal
2.	One member from the Management	1	Shri.V.Karthick	Trustee
3.	A few senior Administrative Officers	2	Dr.D.Bhanu Dr.V.J.Arulkarthick	Vice Principal Professor/ECE
4.	One of the Senior Teachers as the Coordinator of the IQAC	1	Mr. M.Murugesan	Assistant Professor/EEE
5.	Faculty	3	Dr.A.Saiythibrahim Mr.V.Dinesh babu Mr.P.N.Ramesh	Associate Professor/MECH Assistant Professor/IT Assistant Professor/CSE
6.	One/Two Nominees from Alumni/Local Society/Student	1	Mr.A.Anish Antony	Alumni 2014 passed out- B.E ECE Managing Director Yahel Tech Coimbatore
		1	Selvi.S Karthikeyani	Student Final Year B.Tech-IT (721218205009)
7.	One/Two Nominees from Employers/Industrialists /Stakeholders	1	Mr.G.Subburaj	Industrialists Principal Consultant Repute technologies Coimbatore

6. Programmes

6.1 Name of the Programmes Approved by AICTE

Under Graduate Programmes

- B.E. Computer Science & Engineering
- B.E. Electronics & Communication Engineering
- B.E. Electrical & Electronics Engineering
- B.E. Mechanical Engineering
- B.Tech. Information Technology
- B.Tech. Artificial Intelligence and Data Science

6.2 Name of the Programmes Accredited by AICTE (NBA)

- ➢ Nil

6.3 Status of Accreditation of the courses

6.3.1 Total number of courses – 06 Courses

6.3.2 Number of courses applied for Accreditation - 03 Courses

6.3.3 Status of Accreditation – Applied

Sl. No	Name of the Course	Accreditation Status	Accreditation letter Reference No. Date
UG Courses			
1	B.E. Computer Science and Engineering	Pre Qualifier Approved	6487 – 06/02/2022
2	B.E. Electronics & Communication Engineering	Pre Qualifier Approved	6487 – 06/02/2022
3	B.Tech. Information Technology	Pre Qualifier Approved	6487 – 06/02/2022

6.4. For each Programme the following details are to be given

Name of the Dept	No of Seats	Duration	Academic Year	Cut off Marks		OC	BC	MBC	SC / ST	Fee	
										GQ	MQ
B.E.CSE	63	4 Years	2021-22	Max		188.50	179.50	178.50	173.50	50000	90000
				Min		179.50	171.00	172.50	164.50		
B.E.ECE	126	4 Years	2021-22	Max		186.50	173.00	177.53	172.50	50000	90000
				Min		173.00	158.50	107.50	153.00		
B.E.EEE	57	4 Years	2021-22	Max		174.00	168.50	167.00	167.00	50000	90000
				Min		169.00	154.00	154.50	132.00		
B.E. MECH	50	4 Years	2021-22	Max		173.00	159.50	159.50	159.00	50000	90000
				Min		162.00	135.50	136.00	139.00		
B.Tech.IT	63	4 Years	2021-22	Max		185.50	179.50	179.50	180.50	50000	90000
				Min		180.50	168.50	145.50	145.00		
B.Tech. AI&DS	62	4 Years	2021-22	Max		184.50	178.50	177.00	176.50	50000	90000
				Min		178.50	143.00	170.50	163.00		

6.5 Campus Placement in Last Three Years with Minimum Salary, Maximum Salary and Average Salary

Name of the Dept	No of Companies Visited	Campus Placement in last three years with Minimum Salary, Maximum Salary and Average Salary in LPA								
		2020 – 21			2019 – 20			2018 – 19		
		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
CSE	85	6.00	2.40	3.00	5.00	2.50	2.75	4.00	2.25	2.60
IT	85	5.00	2.40	2.80	4.25	2.50	2.60	3.60	2.25	2.50
ECE	71	4.00	2.40	2.75	4.00	2.25	2.50	3.60	2.20	2.40
EEE	36	4.00	2.28	2.35	4.00	2.16	2.25	3.30	2.16	2.14
MECH	44	4.00	2.28	2.45	7.30	2.16	2.30	3.30	2.16	2.28

7. Faculty

Branch wise list Faculty members

Sl. No	Name of the Faculty	Designation	Qualification
COMPUTER SCIENCE AND ENGINEERING			
1	Dr.A.Sabanayagam	Professor	Ph.D.
2	Dr.S.Sharavanan	Professor	Ph.D.
3	Dr.R.Manikandan	Professor	Ph.D.
4	Dr.P.Mayil Vel Kumar	Associate Professor	Ph.D.
5	Mrs.K.Kalaiselvi	Assistant Professor	M.E.
6	Mr.P.N.Ramesh	Assistant Professor	M.E.
7	Mrs.S.Bhuvaneshwari	Assistant Professor	M.E.
8	Mr.C.Karthikeyan	Assistant Professor	M.E.
9	Mr.P.N.Vaitheeswaran	Assistant Professor	M.E.
10	Ms.L.Nithya	Assistant Professor	M.E.
11	Mrs.C.Kalpana	Assistant Professor	M.E.
12	Mrs.N.Suganya	Assistant Professor	M.E.
13	Mr.K.Sriramkumar	Assistant Professor	M.E.
14	Mr.P.Vigneshkumar	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
ELECTRONICS AND COMMUNICATION ENGINEERING			
1	Dr.V.J.Arulkarthick	Professor	Ph.D.
2	Dr.N.Suma	Professor	Ph.D.

3	Dr.S.Gopinath	Professor	Ph.D.
4	Dr.M.S.Gowtham	Associate Professor	Ph.D.
5	Dr.S.Syedjamaesha	Associate Professor	Ph.D.
6	Dr.T.Manojkumar	Associate Professor	Ph.D.
7	Mrs.H.Indrapriyadarshini	Assistant Professor	M.E.
8	Mr.A.Manikandan	Assistant Professor	M.E.
9	Mr.A.G.Paranthaman	Assistant Professor	M.E.
10	Mrs.C.Nivedityaa	Assistant Professor	M.E.
11	Mr.K.Ashokkumar	Assistant Professor	M.E.
12	Ms.S.Madhumitha	Assistant Professor	M.E.
13	Mr.K.Arun	Assistant Professor	M.E.
14	Mr.S.Selvasivasankar	Assistant Professor	M.E.
15	Mr.E.Veeraboopathy	Assistant Professor	M.E.
16	Mr.S.Pragadeswaran	Assistant Professor	M.E.
17	Mrs.B.Divyapreethi	Assistant Professor	M.E.
18	Mrs.S.Pavithra	Assistant Professor	M.E.
19	Ms.S.Gayathri	Assistant Professor	M.E.
20	Mr.S.Jeniton	Assistant Professor	M.E.
21	Mrs.M.Aiswarya	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
ELECTRICAL AND ELECTRONICS ENGINEERING			
1	Dr.M.Jayaprakash	Professor	Ph.D.
2	Dr.A.Rajendran	Associate Professor	Ph.D.
3	Dr.K.Muthukumar	Associate Professor	Ph.D.
4	Mr.M.Nagarajan	Assistant Professor	M.E.
5	Mr.M.Murugesan	Assistant Professor	M.E.
6	Ms.R.Felshiya Rajakumari	Assistant Professor	M.E.
7	Mrs.R.Radha	Assistant Professor	M.E.
8	Mr.K.Sabareeshwaran	Assistant Professor	M.E.
9	Mr.M.Gunasekaran	Assistant Professor	M.E.
10	Mrs.R.Preetha	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
MECHANICAL ENGINEERING			
1	Dr.S.Krishnakumar	Professor	Ph.D.
2	Dr.P.Manimaran	Professor	Ph.D.
3	Dr.S.Goshteeswaran	Associate Professor	Ph.D.
4	Dr.A.Saiyathibrahim	Associate Professor	Ph.D.
5	Dr.P.Pitchandi	Associate Professor	Ph.D.
6	Mr.S.N.Vijayan	Assistant Professor	M.E.
7	Mr.K.P.Harshawardhan	Assistant Professor	M.E.
8	Mr.P.Prakash	Assistant Professor	M.E.

9	Mr.R.Rameshbabu	Assistant Professor	M.E.
10	Ms.S.Karthika	Assistant Professor	M.E.
11	Mr.S.Praveendhanapal	Assistant Professor	M.E.
12	Mr.B.Manup	Assistant Professor	M.E.
13	Mr.M.Pradeep	Assistant Professor	M.E.
14	Mr.A.Infant Jegan Rakesh	Assistant Professor	M.E.
15	Mr.P.Thangapandian	Assistant Professor	M.E.
16	Mr.R.Muralikrishnan	Assistant Professor	M.E.
17	Mr.R.Kathiravan	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
INFORMATION TECHNOLOGY			
1	Dr.D.Bhanu	Professor	Ph.D.
2	Dr.B.Chella Prabha	Professor	Ph.D.
3	Dr.C.Vimalarani	Associate Professor	Ph.D.
4	Dr.A.Christopher Paul	Associate Professor	Ph.D.
5	Mr.V.Dineshbabu	Assistant Professor	M.E.
6	Ms.T.Yawanikha	Assistant Professor	M.E.
7	Mr.B.Madusudhanan	Assistant Professor	M.E.
8	Mr.Shyamprakash	Assistant Professor	M.E.
9	Mr.V.Arulkumar	Assistant Professor	M.E.
10	Ms.A.Mahalakshmi	Assistant Professor	M.E.
11	Mrs.M.Sudha	Assistant Professor	M.E.
12	Mr.M.Naga Suresh	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
ARTIFICIAL INTELLIEGENCE AND DATA SCIENCE			
1	Dr.M.Babu	Associate Professor	Ph.D.
2	Mr.J.Santhosh	Assistant Professor	M.E.
3	Mr.M.Vignesh	Assistant Professor	M.E.
4	Ms.N.Manjubashini	Assistant Professor	M.E.

Sl. No	Name of the Faculty	Designation	Qualification
SCIENCE AND HUMANITIES			
1	Dr.S.Padmanaban	Professor	Ph.D.
2	Ms.J.Logeswari	Assistant Professor	M.Phil.
3	Ms.S.Sharmilabanu	Assistant Professor	M.Phil.
4	Ms.C.Banupriya	Assistant Professor	M.Phil.
5	Dr.T.Nandhini	Assistant Professor	Ph.D.
6	Dr.S.Thenmozhi	Assistant Professor	Ph.D.
7	Ms.N.Kasthuri	Assistant Professor	M.Phil.
8	Ms.A.R.Sweatha	Assistant Professor	M.Phil.
9	MS.A.Vinitha	Assistant Professor	M.Phil.
10	Ms S.Kokila	Assistant Professor	M.Phil.
11	Dr.C.K.Kumar	Assistant Professor	Ph.D
12	Ms D.Anitha	Assistant Professor	M.Phil.
13	Dr.M.Petchiammal	Assistant Professor	Ph.D.
14	Mrs.O.A.Sridevi	Assistant Professor	M.Phil.

15	Ms.Jayanthi	Assistant Professor	M.Phil.
16	Ms.A.Lathamaragatham	Assistant Professor	M.Phil.
17	Dr.P.Vidhya	Assistant Professor	Ph.D
18	Dr.C.Amuthambigai	Assistant Professor	Ph.D
19	Ms.R.Radhika	Assistant Professor	M.Phil.
20	Ms.A.P.Aparna	Assistant Professor	M.Phil.
21	Mr.R.Nareshkumar	Assistant Professor	M.Phil.
22	Mr.Rinsin S Anand	Assistant Professor	M.Phil.
23	Ms.M.Karthikeyani	Assistant Professor	M.Phil.
24	Mr.D.Vaduganathan	Assistant Professor	M.E.
25	Mrs.S.Yamini	Assistant Professor	M.E.
26	Mrs.D.Anitha	Assistant Professor	M.E.
27	Mrs.P.Megala	Assistant Professor	M.E.
28	Mr.P.Mohan	Assistant Professor	M.E.
29	Mr.A.Parameswari	Assistant Professor	M.E.
30	Ms.K.Kavithamani	Assistant Professor	M.E.
31	Mr.K.Lokesh Kumar	Assistant Professor	M.E.
32	Mr.S.Rajendran	Assistant Professor	M.E.

Permanent Faculty: Student Ratio- 1:14.7

8. PRINCIPAL PROFILE

1.	Name of the faculty	:	Dr.P.Manimaran
2.	Date of Birth	:	15-07-1965
3.	Unique ID	:	1-4643747453
4.	Educational Qualification	:	M.E., Ph.D
5.	Working Experience	:	
	a. Teaching	:	32
	b. Research	:	6
	c. Industry	:	Nil
	d. Other	:	Nil
6.	Area of specialization	:	Mechanical Engineering
7.	Courses taught at Diploma	:	
	a. Under Graduate	:	
	b. Post Graduate	:	Mechanical
8.	Research guide	:	
	a. No. of papers published In National/Inter National Journals/Conferences	:	57
9.	Project carried out	:	Nil
10.	Patents	:	Nil
11.	Technology Transfer	:	Nil
12.	Research publications	:	57
13.	No. of books published with details	:	Nil

9. Fee

9.1. Details of fee, as approved by State fee Committee

Sl. No	Name of the Course	Accredited - Details	Fees
1	B.E. / B.Tech. – Govt. Quota	Non - Accredited	Rs.50000/-
2	B.E. / B.Tech. – Management Quota	Non - Accredited	Rs.90000/-

9.2. Time schedule for payment of fee for the entire programme

➢ Within One month from the date of reopening of classes.

9.3. Number of scholarship offered by the Institutions, duration and amount

Sl. No	Year	Amount	No. of Students
1	2018-19	2454000	37
2	2019-20	6737000	103
3	2020-21	9095000	137

9.4 Criteria for fee waivers / scholarship

➢ Management Scholarship for students based on the cut-off marks:

   ❖ Cut off marks of above 190 – 100% Tuition fee waiver and 50% Hostel Fee waiver.

   ❖ Cut off marks of between 185 – 189.75- 50% Tuition fee waiver and 50% Hostel Fee waiver.

   ❖ Cut off marks of between 180 – 184.75- 50% Tuition fee waiver.

9.5 Estimated cost of boarding and Lodging in Hostels

➢ Rs. 5500/- per Month for both boarding and lodging.

10. Admission

Number of seats sanctioned with the year of approval

Sl. No	Course	Sanctioned Intake	
		2019 - 20	**2020 – 21**
1	B.E. Computer Science and Engineering	60	60
2	B.E. Electronics and Communication Engineering	120	120
3	B.E. Electrical and Electronics Engineering	60	60
4	B.E. Mechanical Engineering	120	60
5	B.Tech. Information Technology	60	60
6	B.Tech. Artificial Intelligence and Data Science	-	60

Number of Students admitted under various categories each year in the last three years

Name of the Dept	2019 – 20			2020 – 21		
	GQ	**MQ**	**Total**	**GQ**	**MQ**	**Total**
CSE	26	30	56	33	30	63
ECE	53	11	64	71	26	97
EEE	11	1	12	29	1	30
MECH	21	6	27	25	7	32
IT	29	29	58	34	29	63
AI & DS	0	0	0	33	30	63

Number of applications received during last two years for admission under management Quota and number admitted

Name of the Dept	2019 - 20		2020 – 21	
	MQ Application Received	MQ Students Admitted	MQ Application Received	MQ Students Admitted
CSE	36	30	41	30
ECE	15	11	35	26
EEE	4	1	7	1
MECH	10	6	13	7
IT	38	29	39	29
AI & DS	0	0	43	30

11. Admission Procedure

The institution is a self-financing institution; all the UG programmes offered are self-financed. With reference to the admission, and fee structure the AICTE regulations and guidelines of Tamil Nadu government are followed.

Website Link: www.tnea.ac.in

11.1 Admission Process

Karpagam Institute of Technology follows the Tamil Nadu Engineering Admission (TNEA) process. As per the Government of Tamil Nadu norms, 65% of the admission is done directly by the Affiliating University under Merit Category and the remaining 35% is offered to institutions as Management Quota. Admission is purely based on merit cum reservation basis.

➢ Government Quota - Through On line admission process as prescribed by the Government of Tamil Nadu

➢ Management Quota – Through Consortium of Self Financing Professional, Arts & Science Colleges in Tamil Nadu.

11.2 Publicity

Admission notification is hosted on college Website and published in leading national/ regional daily newspapers, through stalls and banners in education fairs and through Social Medias.

11.3 Transparency

The University follows on line admission (Counselling) based system to admit government quota students. Thus transparency is ensured from the stage of notification till the completion of the admission process. Students are admitted as per the rules framed by the consortium of Self Financing colleges in management quota.

11.4 Admission made through Management Quota UG Programs

For the Management Quota seats, the seats are allotted to the students as per the norms of Government of Tamil Nadu and on the basis of cut off marks.

11.5 Admission to UG Degree Course

A Pass in the HSC (Academic) or its equivalent with a minimum average percentage in Mathematics, Physics and Chemistry put together as given below.

Sl. No	Community	Minimum % of marks
1	General Category	45.00%
2	Backward class including Backward Class Muslim	40.00%
3	MBC & DNC	40.00%
4	SC / SCA / ST	40.00%

(OR)

A pass in any of the HSC (Vocational Subject) as given below with any one of the Engineering related subjects namely Mathematics, Physics or Chemistry with a minimum average percentage put together as given below.

Sl. No	Community	Minimum % of marks
1	General Category	45.00%
2	Backward class including Backward Class Muslim	40.00%
3	MBC & DNC	40.00%
4	SC / SCA / ST	40.00%

Note: A Pass with Minimum average marks in Related Subjects, Vocational Theory and Practical's put together is required

11.6 Lateral Entry Admission

The minimum eligibility marks for admission to direct second year B.E. degree courses under Lateral entry is just pass in Diploma in relevant engineering.

Sl. No	Community	Minimum % of marks
1	General Category	55.00%
2	Backward class including Backward Class Muslim	50.00%
3	MBC & DNC	45.00%
4	SC / SCA / ST	Mere Pass in the qualifying examination

11.7 SC / ST / OBC / Differently Abled / Minority Community

The community reservation is very strictly followed by the government of Tamil Nadu and the students are allotted admission through single window system. Hence the Government quota students belonging to SC/ST, OBC, Differently Abled and Minority Community find a place in the admission without even a single case of denial.

11.8 Women

Since the Government Quota follows a single window admission system based on cut off marks in the qualifying exams, there is no special preference given to women.

KIT has seen a trend of girl students joining in good numbers with the current ratio of girls to boys being above 40% : 60%

11.9 Economically Weaker Sections

In order to make engineering education affordable to the economically weaker sections, KIT management offers merit scholarship for students from both Government and Management quotas.

Merit Scholarship for Government Quota

➢ Cut off marks of above 190 – 100% Tuition fee waiver and 50% Hostel Fee waiver.

➢ Cut off marks of between 185 – 189.75- 50% Tuition fee waiver and 50% Hostel Fee waiver.

➢ Cut off marks of between 180 – 184.75- 50% Tuition fee waiver.

11.10 Merit Scholarship for Management Quota

Based on the scholarship test and the economic background of the student, KIT management grants scholarship.

11.11 Others (First Generation Graduate / Rural Students)

The Government of Tamil Nadu bears Rs.25,000/- of the total tuition fee payable every year by the student who is the first graduate in his/her family. To give a fair chance to the students from rural areas, Tamil Nadu Government has based the admission only on the marks scored in the qualifying examination.

12. Criteria and Weightages for Admission

12.1 UG Admission

➢ Applicant should appear for the consortium test conducted by self-financing association (MQ)

➢ For GQ-Students selection is based on merit basis through on line counselling

12.2 As per the Tamil Nadu Government norms

13. List of Applicants

➢ **Refer 6.4**

14. Results of Admission under Management seats / vacant seats

The management quota students are admitted as per the norms prescribed by the association of self-financing institution and the institutional selection committee is as given below.

Sl. No	Name of the member	Designation
1	Dr.P.Manimaran	Principal
2	Dr.D.Bhanu	Vice Principal

Merit list is provided by the association of self-financing institutions

Selection list is provided by the association of self-financing institutions

15. Information of Infrastructure and other Resources Available

Number of Class Rooms and size of each

Sl. No	Room Type	No. of Units	Total Area (Sq.M)	Average Area (Sq.M.)
1	Number of Class Rooms	36	486	75
2	Number of Tutorial Rooms	13	158	41.54
3	Number of Laboratories	30	3831.43	127.71
4	Drawing Halls	1	148	148
5	Computer Centres	3	320	106.67
6	Examination Centre	1	89	89

Barrier Free built Environment for disabled and elderly persons

➢ Ramp at the entrance

➢ Rest room facilities

➢ Relocation of the Class Room to the ground floor

➢ Wheel Chair

➢ Reserved ground floor accommodation in the hostels

➢ Housing of facilities like office, rest rooms, food court, reprography centre, library, etc., in the ground floor

Hostel Facilities

Sl. No	Facility	Particulars
	General Facilities	
1	Boys Hostel	112 rooms to accommodate 448 students
2	Ladies Hostel	87 rooms to accommodate 348 students
3	Hostel Mess	2
4	Hostel Office	2
5	Warden Room	2
6	Staff Hostel	6
7	24x7 Security Guard	4
8	Hostel Management	Attendance Register, Phone for parent communication, Room allocation, In &

		Out Register for both faculty and students
9	Purified Drinking Water	Both Boys & Girls
10	Solar Water Heaters	Both Boys & Girls
11	Laundry Service	Both Boys & Girls
Other Facilities		
1	Dispensary	1
2	24x7 on call driver and vehicle for medical emergencies	1
3	Medical Officer on call	1
4	First Aid Box	12
5	Ambulance	1
6	Library with select list of book	2
7	Wi-Fi Enabled Hostel Campus	Yes
8	Cable Connected Television in common room	2 No's

Library Facilities

Particulars	Required	Available
Science & Humanities		
No. of Volumes(M1)	1000	1950
No. of Volumes added for the year 2021-2022(M3)	120	750
Total No. of Volumes (M1+M2+M3)	8680	21584
Engineering		
No. of Titles(T)	1200	4650
No. of Volumes(M2)	7560	18884

List of Major Equipments

Sl. No	Name of the Laboratory	Major Equipments
Department of Electronics and Communication Engineering	
1	Analog and digital Laboratory	CRO, Signal Generator, DC Regulated Power Supply, Digital trainer kit
2	Integrated circuits Laboratory	IC tester, CRO, Signal Generator, DC Regulated Power Supply
3	Communication Systems Laboratory	Optical trainer kits, Communication Trainer kits, DSO, Function Generator, Microwave test benches
4	Signal processing Laboratory	DSP Trainer kits, FPGA Trainer kits
5	Embedded System Laboratory	ARM processor kits, Keil µ Vision, Flash Magic, Putty
6	Communication Networks Laboratory	Data Communication Trainer kits, LAN trainer kit

Sl. No	Name of the Laboratory	Major Equipments
Department of Computer Science and Engineering	
1	Dennis Ritchie Laboratory	Computers:70, Printers:3, Scanner, Switch, LCD with Screen, UPS
2	James Gosling Laboratory	Computers:70, Printers:3 Switch, LCD with Screen UPS
3	Computer Science Research Laboratory	Computers:10, Printers:1 Switch, LCD with Screen
4	Repute Powered Application Development Laboratory	Computers:15, Printers:1 Switch, LCD with Screen

Sl. No	Name of the Laboratory	Major Equipments
Department of Electrical and Electronics Engineering	
1	Control and Instrumentation Laboratory	DC Servomotor, AC Servomotor, AC and DC position control with DC servomotor, Stepper Motor, Linear system simulator, Digital storage oscilloscope, AC Synchro transmitter & Receiver, LVDT
2	Engineering Practices Laboratory	CRO, Digital Laser Range Finder, Digital Live wire Detector, Single phase auto transformer, Function generator, DC Dual RPS, Digital IC Trainer kit
3	Renewable Energy Systems Laboratory	PV panels (100W, 24V)
4	Electrical Machines Laboratory	DC Shunt Motor, DC Compound Motor, DC Series Motor, DC Shunt Motor coupled with 3 kw DC compound machine with starter, DC Shunt Motor coupled with 2 kw DC Shunt

		Generator with 3 point starter, Slip ring Induction Motor with loading arrangement, Single phase 240 V, 120 RPM with loading arrangement and starter, squirrel cage motor with loading arrangement
5	Power Electronics Laboratory	SCR, TRIAC, MOSFET & IGBT Characteristics, AC to DC Half and Full Converter, MOSFET & IGBT PWM Inverter

Sl. No	Name of the Laboratory	Major Equipments
Department of Mechanical Engineering		
1.	Fluid Mechanics Laboratory	Orifice meter setup and Venturi meter setup, closed Circuit Test Rig, Rota meter setup, Pipe Friction test rig, Centrifugal pump test rig, Reciprocating pump test rig, Gear pump setup, Pelton wheel turbine test rig, Francis turbine test rig, Kaplan turbine test rig, Heleshaw Model Apparatus, Jet Pump test Rig, Gear Pump test rig,
2.	CAD/CAM Laboratory	CNC Lathe trainer kit, CNC milling machine trainer kit, CAD/CAM Software- EDGECAM software, Educational license 2012,
3.	Thermal Engineering Laboratory	Cut Section Model Of Two-Stroke Petrol Engine, Parallel Flow And Counter Flow Heat Exchanger, Gas Turbine Engine Study Model, Thermal Conductivity Of Metal Bar/Rod Apparatus, Heat Transfer Through Composite Wall Apparatus, Cut Section Model Of Four Stroke Diesel Engine, Four Stoke Twin Cylinder Diesel Engine Test Rig, Redwood Viscometer, Vapour Compression Refrigeration Test Rig, Vapour Compression Air Conditioning Test Rig, Air Blower Test Rig Multi Cylinder Four Stroke Petrol Engine-Test Rig, Cleveland Flash And Fire Point Apparatus (Open Cup), Pensky Marten's Flash And Fire Point Apparatus (Closed Cup),Two Stage Air Compressor – Test Rig, Thermal Conductivity Of Guarded Hot Plate Method Apparatus, Heat Transfer Through Lagged Pipe Apparatus, Heat Transfer In Natural Convection Apparatus. Pin Fin Apparatus, Stefen-Boltzman Apparatus,Emissivity Measurement Apparatus, Forced Convection Apparatus, Single Cylinder Four stroke Diesel engine test rig, Single Cylinder Four stroke Petrol engine test rig,Single Cylinder Four stroke Slow Speed Diesel engine test rig,
4.	Strength of Materials Laboratory	Universal Testing Machine 40 T Capacity With Analog Accessories, Izord / Charpy Impact Testing Machine, Fatigue Testing Machine With Rotating Beam Method, Rockwell Cum Brinell Hardness Tester- 250kgf Loading, Torsion Testing Machine 20 Kgm, Spring Testing Machine 250 Kgf Tension And Compression Test, Metallurgical Microscope, Metallographic Disc Polishing / Lapping, Machine – 10'' Double Disc , Binocular Microscope With Co Axial Standerd Optics

		,Heat Treatment Muffle Furnace.
5.	Manufacturing Technology Laboratory	Drill machine vice (6"), Radial Drilling Machine & Accessories, Heavy Duty Shaping Machine, Shaping Machine, Shaping Machine, Heavy Duty Slotting machine, Universal Dividing Head, Tool Makers Microscope, Heavy Duty Planning Machine, Vertical Milling Machine, Horizontal Milling Machine, Cylindrical Grinding Machine, Surface Grinding Machine, Centreless Grinding Machine, Capstan and Turret lathe, Radial Drilling Machine, Gear Hobbing Machine, Tool & Cutter Grinder, Bench Grinder, Centre Lathe, Power Hacksaw Machine, Vernier calliper (0-200mm), Vernier calliper (0-150mm),
6.	Kinematics and Dynamics Laboratory	Simple Gear Train, Compound Gear Train, Epicyclic Gear Train, Differential Gear Train, Slider Crank Mechanisms, Crank Rocker Mechanisms, Kinematic Models Of Single And Double, Universal Joints, Fly Wheel And Axle System, Connecting Rod and Fly Wheel , Transverse Vibration free beam, Turn Table Apparatus, Bifilar Suspension and Compound Pendulum, Compound Pendulum and Fly wheel System, Motorized Gyroscope, Universal Governor, Cam Profile Analyzer, Spring Mass System, Single And Double Rotor Systems, Vibration Absorber, Whirling Of Shafts, Balancing Of Rotating Masses Setup, Balancing Of Reciprocating Masses Setup, Vibrating system – Spring mass system, Free, Forced torsinal vibration setup, Kinematics of Oscillating cylinder Mechanism, Forced Vibration Of Cantilever Beam Setup, Vibrating Table, F.F.T. Analyzer, Dynamic Balancing Machine.
7.	Metrology and Measurements Laboratory	Micrometer 25 mm, Vernier Caliper 300 mm, Vernier Height Gauge 300 mm, Vernier depth Gauge, Slip Gauge Set 112 Pieces Gear Tooth Vernier, Sine Bar 200 mm, Sine Bar, Bevel Protractor, Sine Centre, Floating Carriage Micrometer, Tool Makers Microscope, Mechanical Comparator, Pneumatic Comparator, Electrical Comparator, Autocollimator, Temperature Measuring Setup, Displacement Measuring Setup, Force Measuring Setup Torque Measuring Setup, Vibration/Shock Measuring Setup, Profile Projector.
8. 1	Mechatronics Laboratory	electro Pneumatic Trainer Kit, PLC controlled pneumatic Trainer Kit, Servo control interfacing for D.C. motor, PID controller setup, Stepper motor interface with 8051 microcontroller, Lab view for 10 users, Design & testing of fluid power circuits, Computerised data logging system for pressure flow & temperature. Air compressor.
9.	Engineering Practices Laboratory	Arc Welding Machine.

Sl. No	Name of the Laboratory	Major Equipments
Department of Information Technology	
1	Alan Turing Laboratory	70 Systems, LCD with Screen, 7 Printers, Scanner, Switch, UPS
2	Alan Kay Laboratory	70 Systems, LCD with Screen, 7 Printers, Switch, UPS
3	IT Research Laboratory	10 Systems, LCD with Screen, 1 Printers, Switch

Sl. No	Name of the Laboratory	Major Equipments
Department of Artificial Intelligence and Data Science	
1	Elon Musk Laboratory	70 Systems, 7 Printers, LCD with Screen, Switch UPS

Sl. No	Name of the Laboratory	Major Equipments
Department of Science and Humanities	
1	Communication skill Laboratory	Computers, Printers, Software, Video camera, Headphone with Mic and LCD projector
2	Chemistry Laboratory	Conductometer, pectro photometer, Flame photometer, PH meter, Electronic balance, De-ionizer, Hot air oven, Demineralisation plant Hotplate and Bomb calorimeter
3	Physics Laboratory	Spectrometer, Ultrasonic inter interferometer, Travelling microscope, Laser Source, Torsional Pendulum and Air Wedge apparatus

Computing Facilities

Sl. No	Particulars	Available No's
1	Internet Bandwidth	300Mbps
2	Number and Configuration of System	465
3	Total number of system Connected by LAN	465
4	Total number of system connected by WAN	250
5	Major Software Packages Available	Yes
6	Printer Facilities available	42
7	Projector facilities available	Available
8	WIFI facilities available	Available
9	Special purpose facilities available (Conduct of Online Meetings / Webinars / Workshops, etc.)	Available
10	Facilities for Conduct of Classes in Online Mode (Theory & Practical)	Available

Innovation Cell

- Responsible for research and innovation activities
- Review and approval of patent applications
- Review and approval of students/faculty project proposals for funding
- Review of final year students' projects
- Organizing idea contests
- Counselling faculty for pursuing PhD Programs
- Establishing and managing University Approved Research Centres
- Coordinating with funding agencies for research programs
- Conducting skill development and outreach programs funded by external agencies

Social Media Cell

The Media Club of Karpagam Institute of Technology is responsible for handling and nurturing the image of brand KIT in the eyes of all the stakeholders and to debate the students in this field and finding out one's self creation in a certain domain thereby extending their learning. It works in the direction of amplifying the brand equity of KIT and reverberates the successful growth of the institute and also this develops knowledge and their internal power and imagination by showcasing the photos with what elements to exclude, what angle to frame the photo, to express an impression of an objects in a subjective form.

The Media Club acts as a bridge between KIT fraternity and the external world encompassing the neighboring communities of KIT, the media and the general public. The team is involved in developing and maintaining a positive reputation with the public through various forms of communication- be it the traditional media or the new age digital media. Media Club of KIT aims to increase the visibility of KIT on different digital media platforms, like Face book, Instagram, LinkedIn, YouTube, Twitter and other allied social media and posting platforms for effective positioning and enhancing the brand image of KIT.

Team Media Club also holds the responsibility for adding relevant content like banners for achievements in Competitions and updating the KIT website with the latest happenings on the campus. Being the media interface, the team collaborates with all the other clubs, and covers their events and activities. All the communication regarding the external events, activities, and participation from the institute in the same also falls under the purview of the committee.

Games and Sports Facilities

- Total Open Ground Area: 180*167=30060 Sq.m

Description	Nos	Area (Sq.m)	Size
Sports			
400m track	1	15400	175*88
Long jump	1	30	3*10(pit)
		48.8	1.22*40(Run Way)
Triple jump	1	30	3*10(Pit)
		48.8	1.22*40(Run Way)
High jump	1	24	6*4
Shot put	1	6.71	2.135(diameter)
Javelin throw	1	120	4*30(Run way)
Hammer throw	1	6.71	2.135(diameter)
Discus throw	1	7.85	2.50(diameter)
Indoor Games			
Table tennis	3 Boards	12.5355	2.74*1.525
Chess	3 Boards	-	-
Carrom	3 Boards	-	-
Bad Minton		81.74	13.40*6.10
Outdoor Games			
Cricket Ground	1	18200	-
Football field	1	60000	100*60
Handball Court	1	800	40*20
Hockey field	1	5032.5	91.40*55
Volley ball court	3	486	18*9

Kabaddi Court	1	130	13*10
Ball Badminton Court	1	288	24*12
Throw ball Court	1	223.26	18.30*12.20
Kho-Kho	1	464	29*16
Basket ball	1	420	28*15

GYM

Description	No's
Weight lifting Olympic rod	4
Normal bench presser rod	5
Zig-Zag bench presser rod	3
Dumbbell sets	26 sets
Elliptical	1
Abdominal king	1
Hydraulic bench	1
Pressure and Squad horizontal bar	1
Parallel bar	1

Yoga Center:

The College offers yoga training as means of recreational for both student and staff. Yoga training is conducted often and yoga day is celebrated students make the best use of yoga center.

Cultural Activities:

Cultural activities are conducted regularly in the college so as to understand the cultural heritage of our country. The college conducts events like Annual day and VARNAM to relish the cultural heritage. These events help students to enrich their cultural values.

Extra-Curricular Activities

Sl.No.	Name of the student	Sports/ Cultural	Team / Individual	University/State/National/ International	Name of the award/ medal
2019-20					
1.	S.Sudharsan	Sports	Individual	Intercollegiate	20KM Walk Silver Medal
2.	T.Vinitha	Sports	Individual	Intercollegiate	5KM Walk Bronze Medal
3.	M.Gokulavasan	Sports	Individual	Intercollegiate	Shot put Gold Medal
4.	M.Gokulavasan	Sports	Individual	Intercollegiate	Javelin Throw Silver Medal
5.	M.Gokulavasan	Sports	Individual	Intercollegiate	50M Walk Gold Medal
6.	N.Mahendran	Sports	Individual	Intercollegiate	Bronze Medal
7.	S.Sudharsan	Sports	Individual	Intercollegiate	20KM Walk Bronze Medal
8.	A.R.Aathira	Sports	Team	Intercollegiate	Bronze Medal
9.	K.Amirtha Varshini	Spotrs	Team	Intercollegiate	Bronze Medal
2018-19					
1.	M.Veda Sruti	Sports	Team	Intercollegiate	Bronze Medal
2.	M.P.Mano Bharath	Sports	Individual	National	Gold Medal
3.	M.P.Mano Bharath	Sports	Individual	National	Bronze Medal
4.	M.P.Mano Bharath	Sports	Individual	National	Gold Medal
2017-18					
1.	M.Veda Sruti	Sports	Team	Intercollegiate	Silver medal
2.	A.R.Aathira	Sports	Team	Intercollegiate	Silver medal
3.	K.Amirtha Varshini	Sports	Team	Intercollegiate	Silver medal
4.	A.Preethi Mispha	Sports	Team	Intercollegiate	Silver medal
5.	B.Keerthana	Sports	Team	Intercollegiate	Silver medal
6.	M.Veda Sruti	Sports	Team	Intercollegiate	Bronze medal
7.	A.R.Aathira	Sports	Team	Intercollegiate	Bronze medal
8.	B.Keerthana	Sports	Team	Intercollegiate	Bronze medal

9.	M.Dinesh	Sports	Individual	Intercollegiate	Bronze medal
10.	S.Saravana Kumar	Sports	Team	Intercollegiate	Bronze medal
11.	S.Kathirvel	Sports	Team	Intercollegiate	Bronze medal
12.	S.Kathirvel	Sports	Individual	State	Participated
13.	S.Kathirvel	Sports	Individual	State	Participated
2016-17					
1.	P.Prabakaran	Sports	Team	Intercollegiate	Silver medal
2.	S.Kathirvel	Sports	Individual	State	Silver medal
2015-16					
1.	K.Muthuraj	Sports	Individual	Inter national	Silver medal
2.	K.Muthuraj	Sports	Individual	Inter national	Silver medal
3.	K.Muthuraj	Sports	Individual	Inter national	Bronze medal
4.	K.Muthuraj	Sports	Individual	National	Bronze medal
5.	K.Muthuraj	Sports	Individual	National	Silver medal
6.	E.Monisha	Sports	Individual	Intercollegiate	Silver medal
7.	M.Dinesh	Sports	Individual	Intercollegiate	Silver medal
8.	K.Muthuraj	Sports	Team	Intercollegiate	Gold medal
9.	T.Jeganathan	Sports	Individual	Intercollegiate	Gold medal

Soft Skill Development Facilities

- The training and placement cell plays a main role in providing necessary rigorous training to all students to enable them to acquire the basic skills for recruitment. Various training programmes are organized to train the students in the areas of aptitude, quantitative reasoning, logical reasoning, and verbal through the experienced and trained members of the faculty.

- There is an exclusive Training and placement Cell is there with all necessary facilities like Seminar hall, Interview halls, Group Discussion Halls, Interview Panels to conduct the placement activity in a smooth manner.

- There is a separate computer lab is there for placement cell alone. An auditorium with 400 seating capacity for conducting pre-placement talks and other activities.

- Facility is created to take test through online mode.

Teaching Learning Planning

Curriculum and Syllabus for each Program

<p align="center">ANNA UNIVERSITY, CHENNAI</p>

<p align="center">AFFILIATED INSTITUTIONS</p>

<p align="center">B.E. COMPUTER SCIENCE AND ENGINEERING</p>

<p align="center">REGULATIONS – 2017</p>

<p align="center">CHOICE BASED CREDIT SYSTEM</p>

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

1. To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs. To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.

PROGRAM OUTCOMES POs:

Engineering Graduates will be able to:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineeringactivities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

To analyze, design and develop computing solutions by applying foundational concepts ofComputer Science and Engineering.

To apply software engineering principles and practices for developing quality software for scientificand business applications.

To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas andsolutions to existing/novel problems.

Mapping of POs/PSOs to PEOs

Contribution   1: Reasonable   2:Significant   3:Strong

POs	PEOs	
	1. Graduates will pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.	2. Graduates will have the ability and attitude to adapt to emerging technological changes.
1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	3	1
2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	3	1
3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmentalconsiderations.	3	2
4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	3	2
5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	2	3
6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	2	2
7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	2	1
8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	3	1
9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	3	2

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	3	2
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	2	2
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	1	3

PSOs		
1. Analyze, design and develop computing solutions by applying foundational concepts of computer science and engineering.	3	1
2. Apply software engineering principles and practices for developing quality software for scientific and business applications.	3	1
3. Adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/novel problems.	1	3

MAPPING OF COURSE OUTCOMES WITH PROGRAMME OUTCOMES

A broad relation between the Course Outcomes and Programme Outcomes is given in thefollowing table

	Course Title	Programme Outcome (PO)											
		1	2	3	4	5	6	7	8	9	10	11	12
SEMESTER I	Communicative English								√	√	√		√
	Engineering Mathematics - I	√	√	√						√			
	Engineering Physics	√	√	√									
	Engineering Chemistry	√	√	√									
	Problem Solving and Python Programming	√	√	√									
	Engineering Graphics	√	√	√		√			√	√	√		√
	Problem Solving and Python Programming Laboratory	√	√	√		√			√	√	√		√
	Physics and Chemistry Laboratory	√	√	√					√	√	√		
SEMESTER II	Technical English								√	√	√		√
	Engineering Mathematics II	√	√	√						√			
	Physics for Information Science	√	√	√									
	Basic Electrical, Electronics and Measurement Engineering	√	√	√									
	Environmental Science and Engineering	√	√	√				√	√	√	√		√
	Programming in C	√	√	√					√	√	√		√
	Engineering Practices Laboratory	√	√	√	√	√	√		√	√	√		√
	C Programming Laboratory	√	√	√					√	√	√		√

			PROGRAMME OUTCOME (PO)											
		COURSE TITLE	1	2	3	4	5	6	7	8	9	**10**	**11**	**12**
YEAR II	**SEMESTER III**	Discrete Mathematics	√	√	√						√			
		Digital Principles and Design	√	√	√									
		Data Structures	√	√	√									
		Object Oriented Programming	√	√	√									
		Communication Engineering	√	√	√									
		Data Structures Laboratory	√	√	√					√	√	√		√
		Object Oriented Programming Laboratory	√	√	√					√	√	√		√
		Digital Systems Laboratory	√	√	√			√		√	√	√		√
		Interpersonal Skills/Listening &Speaking								√	√	√		√
	SEMESTER IV	Probability and Queueing Theory	√	√	√						√	√		√
		Computer Architecture	√	√	√									
		Database Management Systems	√	√	√									
		Design and Analysis of Algorithms	√	√	√						√	√		√
		Operating Systems	√	√	√									
		Software Engineering	√	√	√		√	√		√	√	√		√
		Database Management Systems Laboratory	√	√	√					√	√	√		√
		Operating Systems Laboratory	√	√	√					√	√	√		√
		Advanced Reading and Writing								√	√	√		√

Year	Semester	Course	1	2	3	4	5	6	7	8	9	10	11	12
YEAR III	SEMESTER V	Algebra and Number Theory	√	√	√						√			
		Computer Networks	√	√	√									
		Microprocessors and Microcontrollers	√	√	√									
		Theory of Computation	√	√	√									
		Object Oriented Analysis and Design	√	√	√			√						
		Open Elective I												
		Microprocessors and Microcontrollers Laboratory	√	√	√					√	√	√		√
		Object Oriented Analysis and Design Laboratory	√	√	√		√	√		√	√	√		√
		Networks Laboratory	√	√	√					√	√	√		√
	SEMESTER VI	Internet Programming	√	√	√					√	√	√		√
		Artificial Intelligence	√	√	√									
		Mobile Computing	√	√	√									
		Compiler Design	√	√	√					√	√	√		√
		Distributed Systems	√	√	√									
		Professional Elective I												
		Internet Programming Laboratory	√	√	√		√			√	√	√		√
		Mobile Application Development Laboratory	√	√	√		√	√		√	√	√		√
		Mini Project	√	√	√	√	√	√	√	√	√	√	√	√
		Professional Communication						√				√		√
YEAR IV	SEMESTER VII	Principles of Management	√	√	√								√	
		Cryptography and Network Security	√	√	√									
		Cloud Computing	√	√	√									
		Open Elective II												

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		1	2	3	4	5	6	7	8	9	10	11	12
	Professional Elective II												
	Professional Elective III												
	Cloud Computing Laboratory	√	√	√		√			√	√	√		√
	Security Laboratory	√	√	√		√			√	√	√		√
SEMESTER VIII	Professional Elective IV												
	Professional Elective V												
	Project Work	√	√	√	√	√	√	√	√	√	√	√	√

PROFESSIONAL ELECTIVES

SEM	COURSE TITLE	PROGRAMME OUTCOME (PO)											
		1	2	3	4	5	6	7	8	9	10	11	12
VI	Data Warehousing and Data Mining	√	√	√									
	Software Testing	√	√	√		√				√	√		
	Embedded Systems	√	√	√									
	Agile Methodologies	√	√	√									
	Graph Theory and Applications-	√	√	√									
	Intellectual Property Rights						√	√	√	√	√	√	√
	Digital Signal Processing	√	√	√									
VII	Big Data Analytics	√	√	√		√				√	√		
	Machine Learning Techniques	√	√	√		√				√	√		
	Computer Graphics and Multimedia	√	√	√									
	Software Project Management	√	√	√			√		√	√	√	√	√
	Internet of Things	√	√	√									
	Service Oriented Architecture	√	√	√									
	Total Quality Management	√	√	√								√	
	Multi-core Architectures and Programming	√	√	√									
	Human Computer Interaction	√	√	√									
	C# and .Net Programming	√	√	√		√				√	√		
	Wireless Adhoc and Sensor Networks	√	√	√									
	Advanced Topics on Databases	√	√	√									
	Foundation Skills in Integrated Product Development	√	√	√									
	Human Rights	√	√	√									
	Disaster Management	√	√	√				√					
VIII	Digital Image Processing	√	√	√									
	Social Network Analysis	√	√	√									
	Information Security	√	√	√					√				
	Software Defined Networks	√	√	√									
	Cyber Forensics	√	√	√					√				
	Soft Computing	√	√	√									
	Professional Ethics in Engineering						√	√	√	√	√		√
	Information Retrieval Techniques	√	√	√									
	Green Computing	√	√	√									
	GPU Architecture and Programming	√	√	√									
	Natural Language Processing	√	√	√									
	Parallel Algorithms	√	√	√									
	Speech Processing	√	√	√									
	Fundamentals of Nanoscience	√	√	√									

ANNA UNIVERSITY, CHENNAI

AFFILIATED INSTITUTIONS

B.E. COMPUTER SCIENCE AND ENGINEERING

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

I - VIII SEMESTERS CURRICULA AND SYLLABI

SEMESTER I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics - I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
PRACTICALS								
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER II

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering Mathematics - II	BS	4	4	0	0	4
3.	PH8252	Physics for Information Science	BS	3	3	0	0	3
4.	BE8255	Basic Electrical, Electronics and Measurement Engineering	ES	3	3	0	0	3
5.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
6.	CS8251	Programming in C	PC	3	3	0	0	3
PRACTICALS								
7.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
8.	CS8261	C Programming Laboratory	PC	4	0	0	4	2
			TOTAL	28	20	0	8	24

SEMESTER III

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8351	Discrete Mathematics	BS	4	4	0	0	4
2.	CS8351	Digital Principles and System Design	ES	4	4	0	0	4
3.	CS8391	Data Structures	PC	3	3	0	0	3
4.	CS8392	Object Oriented Programming	PC	3	3	0	0	3
5.	EC8395	Communication Engineering	ES	3	3	0	0	3
PRACTICALS								
6.	CS8381	Data Structures Laboratory	PC	4	0	0	4	2
7.	CS8383	Object Oriented Programming Laboratory	PC	4	0	0	4	2
8.	CS8382	Digital Systems Laboratory	ES	4	0	0	4	2
9.	HS8381	Interpersonal Skills/Listening &Speaking	EEC	2	0	0	2	1
			TOTAL	31	17	0	14	24

SEMESTER IV

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8402	Probability and Queueing Theory	BS	4	4	0	0	4
2.	CS8491	Computer Architecture	PC	3	3	0	0	3
3.	CS8492	Database Management Systems	PC	3	3	0	0	3
4.	CS8451	Design and Analysis of Algorithms	PC	3	3	0	0	3
5.	CS8493	Operating Systems	PC	3	3	0	0	3
6.	CS8494	Software Engineering	PC	3	3	0	0	3
PRACTICALS								
7.	CS8481	Database Management Systems Laboratory	PC	4	0	0	4	2
8.	CS8461	Operating Systems Laboratory	PC	4	0	0	4	2
9.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
			TOTAL	29	19	0	10	24

SEMESTER V

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8551	Algebra and Number Theory	BS	4	4	0	0	4
2.	CS8591	Computer Networks	PC	3	3	0	0	3
3.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
4.	CS8501	Theory of Computation	PC	3	3	0	0	3
5.	CS8592	Object Oriented Analysis and Design	PC	3	3	0	0	3
6.		Open Elective I	OE	3	3	0	0	3
PRACTICALS								
7.	EC8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
8.	CS8582	Object Oriented Analysis and Design Laboratory	PC	4	0	0	4	2
9.	CS8581	Networks Laboratory	PC	4	0	0	4	2
			TOTAL	**31**	**19**	**0**	**12**	**25**

SEMESTER VI

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	CS8651	Internet Programming	PC	3	3	0	0	3
2.	CS8691	Artificial Intelligence	PC	3	3	0	0	3
3.	CS8601	Mobile Computing	PC	3	3	0	0	3
4.	CS8602	Compiler Design	PC	5	3	0	2	4
5.	CS8603	Distributed Systems	PC	3	3	0	0	3
6.		Professional Elective I	PE	3	3	0	0	3
PRACTICALS								
7.	CS8661	Internet Programming Laboratory	PC	4	0	0	4	2
8.	CS8662	Mobile Application Development Laboratory	PC	4	0	0	4	2
9.	CS8611	Mini Project	EEC	2	0	0	2	1
10.	HS8581	Professional Communication	EEC	2	0	0	2	1
			TOTAL	**32**	**18**	**0**	**14**	**25**

SEMESTER VII

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MG8591	Principles of Management	HS	3	3	0	0	3
2.	CS8792	Cryptography and Network Security	PC	3	3	0	0	3
3.	CS8791	Cloud Computing	PC	3	3	0	0	3
4.		Open Elective II	OE	3	3	0	0	3
5.		Professional Elective II	PE	3	3	0	0	3
6.		Professional Elective III	PE	3	3	0	0	3
PRACTICALS								
7.	CS8711	Cloud Computing Laboratory	PC	4	0	0	4	2
8.	IT8761	Security Laboratory	PC	4	0	0	4	2
			TOTAL	**26**	**18**	**0**	**8**	**22**

SEMESTER VIII

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional Elective IV	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	CS8811	Project Work	EEC	20	0	0	20	10
			TOTAL	**26**	**6**	**0**	**20**	**16**

TOTAL NO. OF CREDITS: 185

HUMANITIES AND SOCIAL SCIENCES (HS)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3

BASIC SCIENCES (BS)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	MA8151	Engineering Mathematics I	BS	4	4	0	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
5.	MA8251	Engineering Mathematics II	BS	4	4	0	0	4
6.	PH8252	Physics for Information Science	BS	3	3	0	0	3
7.	MA8351	Discrete Mathematics	BS	4	4	0	0	4
8.	MA8402	Probability and Queueing Theory	BS	4	4	0	0	4
9.	MA8551	Algebra and Number Theory	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
4.	BE8255	Basic Electrical, Electronics and Measurement Engineering	ES	3	3	0	0	3
5.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
6.	CS8351	Digital Principles and System Design	ES	4	4	0	0	4
7.	EC8395	Communication Engineering	ES	3	3	0	0	3
8.	CS8382	Digital Systems Laboratory	ES	4	0	0	4	2

PROFESSIONAL CORE (PC)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8251	Programming in C	PC	3	3	0	0	3
2.	CS8261	C Programming Laboratory	PC	4	0	0	4	2
3.	CS8391	Data Structures	PC	3	3	0	0	3
4.	CS8392	Object Oriented Programming	PC	3	3	0	0	3
5.	CS8381	Data Structures Laboratory	PC	4	0	0	4	2
6.	CS8383	Object Oriented Programming Laboratory	PC	4	0	0	4	2
7.	CS8491	Computer Architecture	PC	3	3	0	0	3
8.	CS8492	Database Management Systems	PC	3	3	0	0	3
9.	CS8451	Design and Analysis of Algorithms	PC	3	3	0	0	3
10.	CS8493	Operating Systems	PC	3	3	0	0	3
11.	CS8494	Software Engineering	PC	3	3	0	0	3
12.	CS8481	Database Management Systems Laboratory	PC	4	0	0	4	2
13.	CS8461	Operating Systems Laboratory	PC	4	0	0	4	2
14.	CS8591	Computer Networks	PC	3	3	0	0	3
15.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
16.	CS8501	Theory of Computation	PC	3	3	0	0	3
17.	CS8592	Object Oriented Analysis and Design	PC	3	3	0	0	3
18.	EC8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
19.	CS8582	Object Oriented Analysis and Design Laboratory	PC	4	0	0	4	2
20.	CS8581	Networks Laboratory	PC	4	0	0	4	2
21.	CS8651	Internet Programming	PC	3	3	0	0	3
22.	CS8691	Artificial Intelligence	PC	3	3	0	0	3
23.	CS8601	Mobile Computing	PC	3	3	0	0	3
24.	CS8602	Compiler Design	PC	5	3	0	2	4
25.	CS8603	Distributed Systems	PC	3	3	0	0	3
26.	CS8661	Internet Programming Laboratory	PC	4	0	0	4	2
27.	CS8662	Mobile Application Development Laboratory	PC	4	0	0	4	2
28.	CS8792	Cryptography and Network Security	PC	3	3	0	0	3
29.	CS8791	Cloud Computing	PC	3	3	0	0	3
30.	CS8711	Cloud Computing Laboratory	PC	4	0	0	4	2
31.	IT8761	Security Laboratory	PC	4	0	0	4	2

PROFESSIONAL ELECTIVES (PE)

SEMESTER VI
ELECTIVE - I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8075	Data Warehousing and Data Mining	PE	3	3	0	0	3
2.	IT8076	Software Testing	PE	3	3	0	0	3
3.	IT8072	Embedded Systems	PE	3	3	0	0	3
4.	CS8072	Agile Methodologies	PE	3	3	0	0	3
5.	CS8077	Graph Theory and Applications-	PE	3	3	0	0	3
6.	IT8071	Digital Signal Processing	PE	3	3	0	0	3
7.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3

SEMESTER VII
ELECTIVE - II

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8091	Big Data Analytics	PE	3	3	0	0	3
2.	CS8082	Machine Learning Techniques	PE	3	3	0	0	3
3.	CS8092	Computer Graphics and Multimedia	PE	3	3	0	0	3
4.	IT8075	Software Project Management	PE	3	3	0	0	3
5.	CS8081	Internet of Things	PE	3	3	0	0	3
6.	IT8074	Service Oriented Architecture	PE	3	3	0	0	3
7.	GE8077	Total Quality Management	PE	3	3	0	0	3

SEMESTER VII
ELECTIVE - III

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8083	Multi-core Architectures and Programming	PE	3	3	0	0	3
2.	CS8079	Human Computer Interaction	PE	3	3	0	0	3
3.	CS8073	C# and .Net Programming	PE	3	3	0	0	3
4.	CS8088	Wireless Adhoc and Sensor Networks	PE	3	3	0	0	3
5.	CS8071	Advanced Topics on Databases	PE	3	3	0	0	3
6.	GE8072	Foundation Skills in Integrated Product Development	PE	3	3	0	0	3
7.	GE8074	Human Rights	PE	3	3	0	0	3
8.	GE8071	Disaster Management	PE	3	3	0	0	3

SEMESTER VIII
ELECTIVE - IV

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8093	Digital Image Processing	PE	3	3	0	0	3
2.	CS8085	Social Network Analysis	PE	3	3	0	0	3
3.	IT8073	Information Security	PE	3	3	0	0	3
4.	CS8087	Software Defined Networks	PE	3	3	0	0	3
5.	CS8074	Cyber Forensics	PE	3	3	0	0	3
6.	CS8086	Soft Computing	PE	3	3	0	0	3
7.	GE8076	Professional Ethics in Engineering	PE	3	3	0	0	3

SEMESTER VIII
ELECTIVE - V

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8080	Information Retrieval Techniques	PE	3	3	0	0	3
2.	CS8078	Green Computing	PE	3	3	0	0	3
3.	CS8076	GPU Architecture and Programming	PE	3	3	0	0	3
4.	CS8084	Natural Language Processing	PE	3	3	0	0	3
5.	CS8001	Parallel Algorithms	PE	3	3	0	0	3
6.	IT8077	Speech Processing	PE	3	3	0	0	3
7.	GE8073	Fundamentals of Nanoscience	PE	3	3	0	0	3

EMPLOYABILITY ENHANCEMENT COURSES (EEC)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8381	Interpersonal Skills/Listening& Speaking	EEC	2	0	0	2	1
2.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
3.	CS8611	Mini Project	EEC	2	0	0	2	1
4.	HS8581	Professional Communication	EEC	2	0	0	2	1
5.	CS8811	Project Work	EEC	20	0	0	20	10

S.NO.	SUBJECTAREA	CREDITS AS PER SEMESTER								CREDITS TOTAL	Percentage
		I	II	III	V	V	VI	VII	VIII		
1.	HS	4	7					3		14	7.60%
2.	BS	12	7	4	4	4				31	16.8%
3.	ES	9	5	9						23	12.5%
4.	PC		5	10	19	18	20	10		82	44.5%
5.	PE						3	6	6	15	8.15%
6.	OE					3		3		6	3.3%
7.	EEC			1	1		2		10	14	7.65%
	Total	25	24	24	24	25	25	22	16	185	
8.	Non Credit / Mandatory										

ANNA UNIVERSITY, CHENNAI

AFFILIATED INSTITUTIONS

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING
REGULATIONS – 2017

PROGRAMME EDUCATIONAL OBJECTIVES:

PEO1: To enable graduates to pursue research, or have a successful career in academia or industries associated with Electronics and Communication Engineering, or as entrepreneurs.

PEO2: To provide students with strong foundational concepts and also advanced techniques and tools in order to enable them to build solutions or systems of varying complexity.

PEO3: To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

PROGRAMME OUTCOMES:

Engineering Graduates will be able to:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineeringactivities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member orleader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

1. To analyze, design and develop solutions by applying foundational concepts of electronicsand communication engineering.
2. To apply design principles and best practices for developing quality products for scientificand business applications.
3. To adapt to emerging information and communication technologies (ICT) to innovate ideasand solutions to existing/novel problems.

Contribution   1: Reasonable   2: Significant   3: Strong

MAPPING OF PROGRAMME EDUCATIONAL OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the programme objective and the outcomes is given in the following table

PROGRAMME EDUCATIONAL OBJECTIVES	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	3	2	3	2	1	1	2	1	1	3	1
2	3	3	3	3	3	1	1	1	1	1	1	2
3	3	3	3	3	3	2	2	3	1	2	2	2

MAPPING OF PROGRAM SPECIFIC OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the Program Specific Objectives and the outcomes is given in the following table

PROGRAM SPECIFIC OBJECTIVES	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	3	2	3	2	1	1	1	1	1	1	2
2	3	3	3	3	3	2	2	3	1	3	3	3
3	3	3	3	3	3	3	3	2	1	1	1	3

MAPPING OF COURSE OUTCOMES WITH PROGRAMME OUTCOMES:

A broad relation between the Course Outcomes and Programme Outcomes is given in thefollowing table

Sem	COURSE OUTCOMES Course Name	a	b	c	d	e	f	g	h	i	j	k	l
I	Communicative English						√	√	√	√	√	√	
	Engineering Mathematics – I	√	√	√	√							√	√
	Engineering Physics	√	√	√	√							√	√
	Engineering Chemistry	√	√	√	√							√	√
	Problem Solving and Python Programming	√	√	√	√	√						√	√
	Engineering Graphics	√									√	√	√
	Problem Solving and Python Programming Laboratory	√	√	√	√	√						√	√
	Physics and Chemistry Laboratory	√	√	√	√							√	√
II	Technical English					√	√	√	√	√	√	√	√
	Engineering Mathematics – II	√	√	√	√							√	√
	Physics for Electronics Engineering	√	√	√	√							√	√
	Basic Electrical and Instrumentation Engineering	√	√	√	√	√	√					√	√
	Circuit Analysis	√	√	√	√	√	√					√	√
	Electronic Devices	√	√	√	√	√	√					√	√
	Circuits and Devices Laboratory	√	√	√	√	√						√	√
	Engineering Practices Laboratory	√	√	√	√	√						√	√
III	Linear Algebra and Partial Differential Equations	√	√	√	√	√						√	√
	Fundamentals of Data Structures In C	√	√	√	√	√	√					√	√
	Electronic Circuits- I	√	√	√	√	√	√					√	√
	Signals and Systems	√	√	√	√	√	√					√	√
	Digital Electronics	√	√	√	√	√	√					√	√
	Control System Engineering	√	√	√	√	√	√					√	√
	Fundamentals of Data Structures in C Laboratory	√	√	√	√	√	√					√	√
	Analog and Digital Circuits Laboratory	√	√	√	√	√	√					√	√
	Interpersonal Skills/Listening &Speaking						√		√	√	√	√	√
	Probability and Random Processes	√	√	√	√	√						√	√
	Electronic Circuits II	√	√	√	√	√	√					√	√

Sem	Subject	1	2	3	4	5	6	7	8	9	10	11	12
IV	Communication Theory	√	√	√	√	√	√					√	√
	Electromagnetic Fields	√	√	√	√	√	√					√	√
	Linear Integrated Circuits	√	√	√	√	√	√					√	√
	Environmental Science and Engineering	√	√		√		√	√	√			√	√
	Circuits Design and Simulation Laboratory	√	√	√	√	√	√					√	√
	Linear Integrated Circuits Laboratory	√	√	√	√	√	√					√	√
V	Digital Communication	√	√	√	√	√	√					√	√
	Discrete-Time Signal Processing	√	√	√	√	√	√					√	√
	Computer Architecture and Organization	√	√	√	√		√					√	√
	Communication Networks	√	√	√	√	√	√					√	√
	Professional Elective I												
	Open Elective I												
	Digital Signal Processing Laboratory	√	√	√	√	√	√					√	√
	Communication Systems Laboratory	√	√	√	√	√	√					√	√
	Networks Laboratory	√	√	√	√	√	√					√	√
VI	Microprocessors and Microcontrollers	√	√	√	√	√	√					√	√
	VLSI Design	√	√	√	√	√	√					√	√
	Wireless Communication	√	√	√	√	√	√					√	√
	Principles of Management						√	√	√		√	√	√
	Transmission Lines and RF Systems	√	√	√	√	√	√					√	√
	Professional Elective -II												
	Microprocessors and Microcontrollers Laboratory	√	√	√	√	√	√					√	√
	VLSI Design Laboratory	√	√	√	√	√	√					√	√
	Technical Seminar		√		√	√	√		√	√	√	√	√
	Professional Communication						√				√		√
VII	Antennas and Microwave Engineering	√	√	√	√	√	√					√	√
	Optical Communication	√	√	√	√		√					√	√
	Embedded and Real Time Systems	√	√	√	√	√	√					√	√
	Ad hoc and Wireless Sensor Networks	√	√	√	√	√	√					√	√
	Professional Elective -III												
	Open Elective - II												
	Embedded Laboratory	√	√	√	√	√	√					√	√
	Advanced Communication Laboratory	√	√	√	√	√	√					√	√
VIII	Professional Elective - IV												
	Professional Elective - V												
	Project Work	√	√	√	√	√	√		√	√	√	√	√

ANNA UNIVERSITY,
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B.E. ELECTRONICS AND COMMUNICATION ENGINEERING
REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

I - VIII SEMESTERS CURRICULA AND SYLLABI

SEMESTER I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics - I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
PRACTICALS								
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	**31**	**19**	**0**	**12**	**25**

SEMESTER II

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering Mathematics - II	BS	4	4	0	0	4
3.	PH8253	Physics for Electronics Engineering	BS	3	3	0	0	3
4.	BE8254	Basic Electrical and Instrumentation Engineering	ES	3	3	0	0	3
5.	EC8251	Circuit Analysis	PC	4	4	0	0	4
6.	EC8252	Electronic Devices	PC	3	3	0	0	3
PRACTICALS								
7.	EC8261	Circuits and Devices Laboratory	PC	4	0	0	4	2
8.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
			TOTAL	**29**	**21**	**0**	**8**	**25**

SEMESTER III

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8352	Linear Algebra and Partial Differential Equations	BS	4	4	0	0	4
2.	EC8393	Fundamentals of Data Structures In C	ES	3	3	0	0	3
3.	EC8351	Electronic Circuits- I	PC	3	3	0	0	3
4.	EC8352	Signals and Systems	PC	4	4	0	0	4
5.	EC8392	Digital Electronics	PC	3	3	0	0	3
6.	EC8391	Control Systems Engineering	PC	3	3	0	0	3
PRACTICALS								
7.	EC8381	Fundamentals of Data Structures in C Laboratory	ES	4	0	0	4	2
8.	EC8361	Analog and Digital Circuits Laboratory	PC	4	0	0	4	2
9.	HS8381	Interpersonal Skills/Listening &Speaking	EEC	2	0	0	2	1
			TOTAL	**30**	**20**	**0**	**10**	**25**

SEMESTER IV

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8451	Probability and Random Processes	BS	4	4	0	0	4
2.	EC8452	Electronic Circuits II	PC	3	3	0	0	3
3.	EC8491	Communication Theory	PC	3	3	0	0	3
4.	EC8451	Electromagnetic Fields	PC	4	4	0	0	4
5.	EC8453	Linear Integrated Circuits	PC	3	3	0	0	3
6.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
PRACTICALS								
7.	EC8461	Circuits Design and Simulation Laboratory	PC	4	0	0	4	2
8.	EC8462	Linear Integrated Circuits Laboratory	PC	4	0	0	4	2
			TOTAL	**28**	**20**	**0**	**8**	**24**

SEMESTER V

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8501	Digital Communication	PC	3	3	0	0	3
2.	EC8553	Discrete-Time Signal Processing	PC	4	4	0	0	4
3.	EC8552	Computer Architecture and Organization	PC	3	3	0	0	3
4.	EC8551	Communication Networks	PC	3	3	0	0	3
5.		Professional Elective I	PE	3	3	0	0	3
6.		Open Elective I	OE	3	3	0	0	3
PRACTICALS								
7.	EC8562	Digital Signal Processing Laboratory	PC	4	0	0	4	2
8.	EC8561	Communication Systems Laboratory	PC	4	0	0	4	2
9.	EC8563	Communication Networks Laboratory	PC	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER VI

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
2.	EC8095	VLSI Design	PC	3	3	0	0	3
3.	EC8652	Wireless Communication	PC	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3
5.	EC8651	Transmission Lines and RF Systems	PC	3	3	0	0	3
6.		Professional Elective -II	PE	3	3	0	0	3
PRACTICALS								
7.	EC8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
8.	EC8661	VLSI Design Laboratory	PC	4	0	0	4	2
9.	EC8611	Technical Seminar	EEC	2	0	0	2	1
10.	HS8581	Professional Communication	EEC	2	0	0	2	1
			TOTAL	30	18	0	12	24

SEMESTER VII

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
— THEORY								
1.	EC8701	Antennas and Microwave Engineering	PC	3	3	0	0	3
2.	EC8751	Optical Communication	PC	3	3	0	0	3
3.	EC8791	Embedded and Real Time Systems	PC	3	3	0	0	3
4.	EC8702	Ad hoc and Wireless Sensor Networks	PC	3	3	0	0	3
5.		Professional Elective -III	PE	3	3	0	0	3
6.		Open Elective - II	OE	3	3	0	0	3
PRACTICALS								
7.	EC8711	Embedded Laboratory	PC	4	0	0	4	2
8.	EC8761	Advanced Communication Laboratory	PC	4	0	0	4	2
			TOTAL	26	18	0	8	22

SEMESTER VIII

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional Elective IV	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	EC8811	Project Work	EEC	20	0	0	20	10
			TOTAL	26	6	0	20	16

TOTAL NO. OF CREDITS: 186

HUMANITIES AND SOCIALSCIENCES (HS)

Sl.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3

BASIC SCIENCES (BS)

Sl.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	MA8151	Engineering Mathematics I	BS	4	4	0	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
5.	MA8251	Engineering Mathematics II	BS	4	4	0	0	4
6.	PH8253	Physics for Electronics Engineering	BS	3	3	0	0	3
7.	MA8352	Linear Algebra and Partial Differential Equations	BS	4	4	0	0	4
8.	MA8451	Probability and Random Processes	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
4.	BE8254	Basic Electrical and Instrumentation Engineering	ES	3	3	0	0	3
5.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
6.	EC8393	Fundamentals of Data Structures In C	ES	3	3	0	0	3
7.	EC8381	Fundamentals of Data Structures in C Laboratory	ES	4	0	0	4	2

PROFESSIONAL CORE (PC)

Sl.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8251	Circuit Analysis	PC	4	4	0	0	4
2.	EC8252	Electronic Devices	PC	3	3	0	0	3
3.	EC8261	Circuits and Devices Lab	PC	4	0	0	4	2
4.	EC8351	Electronic Circuits- I	PC	3	3	0	0	3
5.	EC8352	Signals and Systems	PC	4	4	0	0	4
6.	EC8392	Digital Electronics	PC	3	3	0	0	3
7.	EC8391	Control System Engineering	PC	3	3	0	0	3
8.	EC8361	Analog and Digital Circuits Laboratory	PC	4	0	0	4	2
9.	EC8452	Electronic Circuits II	PC	3	3	0	0	3
10.	EC8491	Communication Theory	PC	3	3	0	0	3
11.	EC8451	Electromagnetic Fields	PC	4	4	0	0	4
12.	EC8453	Linear Integrated Circuits	PC	3	3	0	0	3
13.	EC8461	Circuits Design and Simulation Laboratory	PC	4	0	0	4	2
14.	EC8462	Linear Integrated Circuits Laboratory	PC	4	0	0	4	2
15.	EC8501	Digital Communication	PC	3	3	0	0	3
16.	EC8553	Discrete-Time Signal Processing	PC	4	4	0	0	4
17.	EC8651	Transmission Lines and RF Systems	PC	3	3	0	0	3
18.	EC8552	Computer Architecture and Organization	PC	3	3	0	0	3
19.	EC8551	Communication Networks	PC	3	3	0	0	3
20.	EC8562	Digital Signal Processing Laboratory	PC	4	0	0	4	2
21.	EC8561	Communication Systems Laboratory	PC	4	0	0	4	2
22.	EC8563	Communication Networks Laboratory	PC	4	0	0	4	2
23.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
24.	EC8095	VLSI Design	PC	3	3	0	0	3
25.	EC8652	Wireless Communication	PC	3	3	0	0	3
26.	EC8661	VLSI Design Laboratory	PC	4	0	0	4	2

27.	EC8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
28.	EC8701	Antennas and Microwave Engineering	PC	3	3	0	0	3
29.	EC8751	Optical Communication	PC	3	3	0	0	3
30.	EC8791	Embedded and Real Time Systems	PC	3	3	0	0	3
31.	EC8702	Ad hoc and Wireless Sensor Networks	PC	3	3	0	0	3
32.	EC8711	Embedded Laboratory	PC	4	0	0	4	2
33.	EC8761	Advanced Communication Laboratory	PC	4	0	0	4	2

ELECTIVE I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8392	Object Oriented Programming	PE	3	3	0	0	3
2.	EC8073	Medical Electronics	PE	3	3	0	0	3
3.	CS8493	Operating Systems	PE	3	3	0	0	3
4.	EC8074	Robotics and Automation	PE	3	3	0	0	3
5.	EC8075	Nano Technology and Applications	PE	3	3	0	0	3
6.	GE8074	Human Rights	PE	3	3	0	0	3
7.	GE8077	Total Quality Management	PE	3	3	0	0	3

SEMESTER VI
ELECTIVE II

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8792	Cryptography and Network Security	PE	3	3	0	0	3
2.	EC8091	Advanced Digital Signal Processing	PE	3	3	0	0	3
3.	EC8001	MEMS and NEMS	PE	3	3	0	0	3
4.	EC8002	Multimedia Compression and Communication	PE	3	3	0	0	3
5.	EC8003	CMOS Analog IC Design	PE	3	3	0	0	3
6.	EC8004	Wireless Networks	PE	3	3	0	0	3
7.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3

SEMESTER VII
ELECTIVE III

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8092	Advanced Wireless Communication	PE	3	3	0	0	3
2.	EC8071	Cognitive Radio	PE	3	3	0	0	3
3.	GE8072	Foundation Skills in Integrated Product Development	PE	3	3	0	0	3
4.	CS8082	Machine Learning Techniques	PE	3	3	0	0	3
5.	EC8005	Electronics Packaging and Testing	PE	3	3	0	0	3
6.	EC8006	Mixed Signal IC Design	PE	3	3	0	0	3
7.	GE8071	Disaster Management	PE	3	3	0	0	3

ELECTIVE IV

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8072	Electro Magnetic Interference and Compatibility	PE	3	3	0	0	3
2.	EC8007	Low power SoC Design	PE	3	3	0	0	3
3.	EC8008	Photonic Networks	PE	3	3	0	0	3
4.	EC8009	Compressive Sensing	PE	3	3	0	0	3
5.	EC8093	Digital Image Processing	PE	3	3	0	0	3
6.	GE8076	Professional Ethics in Engineering	PE	3	3	0	0	3

SEMESTER VIII
ELECTIVE V

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8010	Video Analytics	PE	3	3	0	0	3
2.	EC8011	DSP Architecture and Programming	PE	3	3	0	0	3
3.	EC8094	Satellite Communication	PE	3	3	0	0	3
4.	CS8086	Soft Computing	PE	3	3	0	0	3
5.	IT8006	Principles of Speech Processing	PE	3	3	0	0	3
6.	GE8073	Fundamentals of Nanoscience	PE	3	3	0	0	3

*Professional Electives are grouped according to elective number as was done previously.

EMPLOYABILITY ENHANCEMENT COURSES (EEC)

S.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8381	Interpersonal Skills/Listening & Speaking	EEC	2	0	0	2	1
2.	EC8611	Technical Seminar	EEC	2	0	0	2	1
3.	HS8581	Professional Communication	EEC	2	0	0	2	1
4.	EC8811	Project Work	EEC	20	0	0	20	10

SUMMARY

S.NO.	SUBJECT AREA	CREDITS AS PER SEMESTER								CREDITS TOTAL	Percentage
		I	II	III	IV	V	VI	VII	VIII		
1.	HS	4	4		3		3			14	7.56%
2.	BS	12	7	4	4					27	14.6%
3.	ES	9	5	5						19	10.27%
4.	PC		9	15	17	19	16	16		92	50%
5.	PE					3	3	3	6	15	8.10%
6.	OE					3		3		6	3.24%
7.	EEC			1			2		10	13	6.48%
	Total	25	25	25	24	25	24	22	16	186	
8.	Non Credit / Mandatory										

ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS

B.E. ELECTRICAL AND ELECTRONICS ENGINEERING

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

Educational Objectives

Bachelor of Electrical and Electronics Engineering curriculum is designed to prepare the graduateshaving attitude and knowledge to
1. Have successful technical and professional careers in their chosen fields such as circuit theory,Field theory, control theory and computational platforms.
2. Engross in life long process of learning to keep themselves abreast of new developments in thefield of Electronics and their applications in power engineering.

Programme Outcomes

The graduates will have the ability to
a. Apply the Mathematical knowledge and the basics of Science and Engineering to solve the problems pertaining to Electronics and Instrumentation Engineering.
b. Identify and formulate Electrical and Electronics Engineering problems from research literature and be ability to analyze the problem using first principles of Mathematics and Engineering Sciences.
c. Come out with solutions for the complex problems and to design system components or process that fulfill the particular needs taking into account public health and safety and the social, cultural and environmental issues.
d. Draw well-founded conclusions applying the knowledge acquired from research and research methods including design of experiments, analysis and interpretation of data and synthesis of information and to arrive at significant conclusion.
e. Form, select and apply relevant techniques, resources and Engineering and IT tools for Engineering activities like electronic prototyping, modeling and control of systems and also being conscious of the limitations.
f. Understand the role and responsibility of the Professional Electrical and Electronics Engineer and to assess societal, health, safety issues based on the reasoning received from the contextual knowledge.

g. Be aware of the impact of professional Engineering solutions in societal and environmental contexts and exhibit the knowledge and the need for Sustainable Development.
h. Apply the principles of Professional Ethics to adhere to the norms of the engineering practice and to discharge ethical responsibilities.
i. Function actively and efficiently as an individual or a member/leader of different teams and multidisciplinary projects.
j. Communicate efficiently the engineering facts with a wide range of engineering community and others, to understand and prepare reports and design documents; to make effective presentations and to frame and follow instructions.
k. Demonstrate the acquisition of the body of engineering knowledge and insight and Management Principles and to apply them as member / leader in teams and multidisciplinary environments.
l. Recognize the need for self and life-long learning, keeping pace with technological challenges in the broadest sense.

PEO \PO	a	b	c	d	e	f	g	h	i	j	k	l
1	✓	✓	✓	✓	✓	✓	✓					✓
2	✓	✓	✓	✓	✓	✓		✓		✓		

SEMESTER	NAME OF THE SUBJECT	PROGRAM OUTCOMES											
		a	b	c	d	e	f	g	h	i	j	k	l
	THEORY												
SEM I	Communicative English									✓	✓		✓
	Engineering Mathematics - I	✓	✓			✓							✓
	Engineering Physics	✓	✓	✓		✓		✓					✓
	Engineering Chemistry	✓	✓	✓		✓							✓
	Problem Solving and Python Programming	✓	✓	✓	✓	✓							✓
	Engineering Graphics			✓	✓								
	PRACTICAL												
	Problem Solving and Python Programming Laboratory	✓		✓	✓	✓	✓				✓		✓
	Physics and Chemistry Laboratory	✓	✓										
	THEORY												
SEM II	Technical English									✓	✓		✓
	Engineering Mathematics - II	✓	✓	✓		✓							✓
	Physics For Electronics Engineering	✓	✓	✓		✓		✓					✓
	Basic Civil and Mechanical Engineering				✓		✓						
	Circuit Theory	✓	✓	✓	✓	✓							✓
	Environmental Science and Engineering	✓	✓			✓	✓	✓	✓				✓
	PRACTICALS												
	Engineering Practices Laboratory	✓		✓	✓	✓	✓				✓		
	Electric Circuits Lab	✓		✓	✓	✓	✓				✓		✓
	THEORY												
SEM III	Transforms and Partial Differential Equations	✓	✓			✓							✓
	Digital Logic Circuits				✓	✓							
	Electromagnetic Theory	✓	✓	✓	✓	✓					✓		✓
	Electrical Machines – I	✓	✓	✓	✓	✓					✓		

SEM	Subject												
	Electron Devices and Circuits	✓	✓	✓	✓	✓							✓
	Power Plant Engineering			✓	✓	✓		✓	✓	✓			
	PRACTICALS												
	Electronics Laboratory	✓			✓	✓						✓	✓
	Electrical Machines Laboratory - I	✓			✓	✓						✓	✓
	THEORY												
SEM IV	Numerical Methods	✓	✓	✓									✓
	Electrical Machines – II	✓	✓	✓	✓	✓		✓					✓
	Transmission and Distribution	✓	✓	✓	✓	✓		✓					✓
	Measurements and Instrumentation	✓	✓	✓	✓	✓							✓
	Linear Integrated Circuits and Applications	✓	✓	✓		✓							
	Control Systems	✓	✓	✓	✓	✓							✓
	PRACTICALS												
	Electrical Machines Lab II	✓	✓	✓	✓	✓							✓
	Linear and Digital Integrated Circuits Laboratory	✓			✓	✓					✓	✓	✓
	Technical Seminar										✓	✓	✓
	THEORY												
SEM V	Power System Analysis	✓	✓	✓	✓	✓		✓					✓
	Microprocessors and Microcontrollers	✓		✓		✓			✓	✓		✓	✓
	Power Electronics	✓	✓	✓	✓	✓		✓					
	Digital Signal Processing	✓	✓	✓	✓	✓		✓					✓
	Object Oriented Programming			✓	✓	✓							✓
	Open Elective I												
	PRACTICALS												
	Control and Instrumentation Laboratory			✓	✓	✓	✓				✓	✓	

	Professional Communication									✓	✓	✓	
	Object Oriented Programming Laboratory			✓	✓	✓							✓
	THEORY												
SEM VI	Solid State Drives	✓	✓	✓	✓	✓		✓					
	Protection and Switchgear	✓	✓	✓	✓	✓		✓					✓
	Embedded Systems												
	Professional Elective I												
	Professional Elective II												
	PRACTICALS												
	Power Electronics and Drives Laboratory	✓		✓	✓						✓	✓	✓
	Microprocessors and Microcontrollers Laboratory	✓		✓	✓						✓	✓	✓
	Mini Project	✓		✓	✓						✓	✓	✓
	THEORY												
SEM VII	High Voltage Engineering	✓	✓	✓	✓	✓		✓					✓
	Power System Operation and Control	✓	✓	✓	✓	✓		✓					✓
	Renewable Energy Systems	✓	✓	✓	✓	✓		✓					✓
	Open Elective II												
	Professional Elective III												
	Professional Elective IV												
	PRACTICALS												
	Power System Simulation Laboratory	✓		✓	✓						✓	✓	✓
	Renewable Energy Systems Laboratory	✓		✓	✓						✓	✓	✓
SEM VIII	**THEORY**												
	Professional Elective V												

	Professional Elective VI												
	PRACTICALS												
	Project Work	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PROFESSIONAL ELECTIVE

SL.NO.	NAME OF THE SUBJECT	PROGRAM OUTCOMES											
		a	b	c	d	e	f	g	h	i	j	k	l
	THEORY												
ELECTIVE – I	Advanced Control System		✓	✓					✓	✓			
	Visual Languages and Applications	✓	✓		✓	✓							
	Design of Electrical Apparatus	✓		✓	✓	✓		✓					
	Power Systems Stability				✓	✓							
	Modern Power Converters	✓		✓	✓	✓		✓					
	Intellectual Property Rights								✓		✓		✓
ELECTIVE – II	Principles of Robotics	✓		✓		✓							
	Special Electrical Machines	✓		✓	✓	✓			✓				
	Power Quality	✓		✓	✓	✓			✓				✓
	EHVAC Transmission	✓		✓	✓	✓			✓				✓
	Communication Engineering												
ELECTIVE – III	Disaster Management	✓		✓		✓	✓					✓	✓
	Human Rights			✓	✓	✓	✓						
	Operations Research	✓	✓	✓					✓	✓			✓
	Probability and Statistics												
	Fibre Optics and Laser Instrumentation	✓	✓			✓						✓	✓
	Foundation Skills in Integrated Product Development												

ELECTIVE – IV	System Identification and Adaptive Control	✓	✓	✓		✓							
	Computer Architecture	✓		✓		✓							
	Control of Electrical Drives	✓		✓		✓				✓			✓
	VLSI Design	✓	✓	✓			✓	✓					
	Power Systems Transients		✓		✓	✓							
	Total Quality Management		✓			✓	✓	✓	✓	✓	✓		
ELECTIVE – V	Flexible AC Transmission Systems	✓	✓	✓		✓						✓	✓
	Soft Computing Techniques	✓		✓		✓							
	Power Systems Dynamics	✓		✓		✓							
	SMPS and UPS	✓		✓		✓							
	Electric Energy Generation, Utilization and Conservation	✓	✓	✓	✓	✓		✓					✓
	Professional Ethics in Engineering	✓	✓		✓			✓				✓	✓
	Principals of Management					✓	✓			✓			
ELECTIVE – VI	Energy Management and Auditing		✓			✓	✓	✓	✓	✓	✓		
	Data Structures					✓	✓			✓			
	High Voltage Direct Current Transmission	✓	✓	✓						✓	✓		✓
	Microcontroller Based System Design	✓	✓	✓						✓	✓		✓
	Smart Grid	✓	✓	✓						✓	✓		✓
	Biomedical Instrumentation	✓		✓	✓	✓	✓						
	Fundamentals of Nano Science												

ANNA UNIVERSITY, CHENNAI

AFFILIATED INSTITUTIONS

B.E. ELECTRICAL AND ELECTRONICS ENGINEERING

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

I TO VIII SEMESTERS CURRICULA & SYLLABI

SEMESTER I

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics - I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
PRACTICALS								
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER II

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering Mathematics - II	BS	4	4	0	0	4
3.	PH8253	Physics for Electronics Engineering	BS	3	3	0	0	3
4.	BE8252	Basic Civil and Mechanical Engineering	ES	4	4	0	0	4
5.	EE8251	Circuit Theory	PC	4	2	2	0	3
6.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
PRACTICALS								
7.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
8.	EE8261	Electric Circuits Laboratory	PC	4	0	0	4	2
			TOTAL	30	20	2	8	25

SEMESTER III

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8353	Transforms and Partial Differential Equations	BS	4	4	0	0	4
2.	EE8351	Digital Logic Circuits	PC	4	2	2	0	3
3.	EE8391	Electromagnetic Theory	PC	4	2	2	0	3
4.	EE8301	Electrical Machines - I	PC	4	2	2	0	3
5.	EC8353	Electron Devices and Circuits	ES	3	3	0	0	3
6.	ME8792	Power Plant Engineering	ES	3	3	0	0	3
PRACTICALS								
7.	EC8311	Electronics Laboratory	ES	4	0	0	4	2
8.	EE8311	Electrical Machines Laboratory - I	PC	4	0	0	4	2
			TOTAL	**30**	**16**	**6**	**8**	**23**

SEMESTER IV

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8491	Numerical Methods	BS	4	4	0	0	4
2.	EE8401	Electrical Machines - II	PC	4	2	2	0	3
3.	EE8402	Transmission and Distribution	PC	3	3	0	0	3
4.	EE8403	Measurements and Instrumentation	PC	3	3	0	0	3
5.	EE8451	Linear Integrated Circuits and Applications	PC	3	3	0	0	3
6.	IC8451	Control Systems	PC	5	3	2	0	4
PRACTICALS								
7.	EE8411	Electrical Machines Laboratory - II	PC	4	0	0	4	2
8.	EE8461	Linear and Digital Integrated Circuits Laboratory	PC	4	0	0	4	2
9.	EE8412	Technical Seminar	EEC	2	0	0	2	1
			TOTAL	**32**	**18**	**4**	**10**	**25**

SEMESTER V

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EE8501	Power System Analysis	PC	3	3	0	0	3
2.	EE8551	Microprocessors and Microcontrollers	PC	3	3	0	0	3
3.	EE8552	Power Electronics	PC	3	3	0	0	3
4.	EE8591	Digital Signal Processing	PC	4	2	2	0	3
5.	CS8392	Object Oriented Programming	ES	3	3	0	0	3
6.		Open Elective I*	OE	3	3	0	0	3
PRACTICALS								
7.	EE8511	Control and Instrumentation Laboratory	PC	4	0	0	4	2
8.	HS8581	Professional Communication	EEC	2	0	0	2	1
9.	CS8383	Object Oriented Programming Laboratory	ES	4	0	0	4	2
			TOTAL	**29**	**17**	**2**	**10**	**23**

SEMESTER VI

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EE8601	Solid State Drives	PC	3	3	0	0	3
2.	EE8602	Protection and Switchgear	PC	3	3	0	0	3
3.	EE8691	Embedded Systems	ES	3	3	0	0	3
4.		Professional Elective I	PE	3	3	0	0	3
5.		Professional Elective II	PE	3	3	0	0	3
PRACTICALS								
6.	EE8661	Power Electronics and Drives Laboratory	PC	4	0	0	4	2
7.	EE8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
8.	EE8611	Mini Project	EEC	4	0	0	4	2
			TOTAL	**27**	**15**	**0**	**12**	**21**

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EE8701	High Voltage Engineering	PC	3	3	0	0	3
2.	EE8702	Power System Operation and Control	PC	3	3	0	0	3
3.	EE8703	Renewable Energy Systems	PC	3	3	0	0	3
4.		Open Elective II*	OE	3	3	0	0	3
5.		Professional Elective III	PE	3	3	0	0	3
6.		Professional Elective IV	PE	3	3	0	0	3
PRACTICALS								
7.	EE8711	Power System Simulation Laboratory	PC	4	0	0	4	2
8.	EE8712	Renewable Energy Systems Laboratory	PC	4	0	0	4	2
			TOTAL	26	18	0	8	22

SEMESTER VIII

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional Elective V	PE	3	3	0	0	3
2.		Professional Elective VI	PE	3	3	0	0	3
PRACTICALS								
3.	EE8811	Project Work	EEC	20	0	0	20	10
			TOTAL	26	6	0	20	16

TOTAL NO. OF CREDITS: 180

*Course from the curriculum of other UG Programmes.

PROFESSIONAL ELECTIVE –I (VI SEMESTER)

S.NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	IC8651	Advanced Control System	PE	4	2	2	0	3
2.	EE8001	Visual Languages and Applications	PE	3	3	0	0	3
3.	EE8002	Design of Electrical Apparatus	PE	3	3	0	0	3
4.	EE8003	Power Systems Stability	PE	3	3	0	0	3
5.	EE8004	Modern Power Converters	PE	3	3	0	0	3
6.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3

PROFESSIONAL ELECTIVE – II (VI SEMESTER)

1.	RO8591	Principles of Robotics	PE	3	3	0	0	3
2.	EE8005	Special Electrical Machines	PE	3	3	0	0	3
3.	EE8006	Power Quality	PE	3	3	0	0	3
4.	EE8007	EHVAC Transmission	PE	3	3	0	0	3
5.	EC8395	Communication Engineering	PE	3	3	0	0	3

PROFESSIONAL ELECTIVE – III (VII SEMESTER)

1.	GE8071	Disaster Management	PE	3	3	0	0	3
2.	GE8074	Human Rights	PE	3	3	0	0	3
3.	MG8491	Operations Research	PE	3	3	0	0	3
4.	MA8391	Probability and Statistics	PE	4	4	0	0	4
5.	EI8075	Fibre Optics and Laser Instrumentation	PE	3	3	0	0	3
6.	GE8072	Foundation Skills in Integrated Product Development	PE	3	3	0	0	3

PROFESSIONAL ELECTIVE – IV (VII SEMESTER)

1.	EE8008	System Identification and Adaptive Control	PE	3	3	0	0	3
2.	CS8491	Computer Architecture	PE	3	3	0	0	3
3.	EE8009	Control of Electrical Drives	PE	3	3	0	0	3
4.	EC8095	VLSI Design	PE	3	3	0	0	3
5.	EE8010	Power Systems Transients	PE	3	3	0	0	3
6.	GE8077	Total Quality Management	PE	3	3	0	0	3

PROFESSIONAL ELECTIVE – V (VIII SEMESTER)

1.	EE8011	Flexible AC Transmission Systems	PE	3	3	0	0	3
2.	EE8012	Soft Computing Techniques	PE	3	3	0	0	3
3.	EE8013	Power Systems Dynamics	PE	3	3	0	0	3
4.	EE8014	SMPS and UPS	PE	3	3	0	0	3
5.	EE8015	Electric Energy Generation, Utilization and Conservation	PE	3	3	0	0	3
6.	GE8076	Professional Ethics in Engineering	PE	3	3	0	0	3
7.	MG8591	Principles of Management	PE	3	3	0	0	3

PROFESSIONAL ELECTIVE – VI (VIII SEMESTER)

1.	EE8016	Energy Management and Auditing	PE	3	3	0	0	3
2.	CS8391	Data Structures	PE	3	3	0	0	3
3.	EE8017	High Voltage Direct Current Transmission	PE	3	3	0	0	3
4.	EE8018	Microcontroller Based System Design	PE	3	3	0	0	3
5.	EE8019	Smart Grid	PE	3	3	0	0	3
6.	EI8073	Biomedical Instrumentation	PE	3	3	0	0	3
7.	GE8073	Fundamentals of Nanoscience	PE	3	3	0	0	3

*Professional Electives are grouped according to elective number as was done previously.

HUMANITIES AND SOCIALSCIENCES (HS)

S.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8151	CommunicativeEnglish	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3

BASIC SCIENCES (BS)

S.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	MA8151	Engineering Mathematics I	BS	4	4	0	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
5.	MA8251	Engineering Mathematics II	BS	4	4	0	0	4
6.	PH8253	Physics For Electronics Engineering	BS	3	3	0	0	3
7.	MA8353	Transforms and Partial Differential Equations	BS	4	4	0	0	4
8.	MA8491	Numerical Methods	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

S.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	GE8151	Problem Solving and Python programming	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python programming Laboratory	ES	4	0	0	4	2
4.	BE8252	Basic Civil and Mechanical Engineering	ES	4	4	0	0	4
5.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
6.	EC8353	Electron Devices and Circuits	ES	3	3	0	0	3

S.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
7.	ME8792	Power Plant Engineering	ES	3	3	0	0	3
8.	EC8311	Electronics Laboratory	ES	4	0	0	4	2
9.	CS8392	Object Oriented Programming	ES	3	3	0	0	3
10.	CS8383	Object Oriented Programming Laboratory	ES	4	0	0	4	2
11.	EE8691	Embedded Systems	ES	3	3	0	0	3

PROFESSIONAL CORE (PC)

S.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EE8251	Circuit Theory	PC	4	2	2	0	3
2.	EE8261	Electric Circuits Laboratory	PC	4	0	0	4	2
3.	EE8351	Digital Logic Circuits	PC	4	2	2	0	3
4.	EE8391	Electromagnetic Theory	PC	4	2	2	0	3
5.	EE8301	Electrical Machines - I	PC	4	2	2	0	3
6.	EE8311	Electrical Machines Laboratory - I	PC	4	0	0	4	2
7.	EE8401	Electrical Machines - II	PC	4	2	2	0	3
8.	EE8402	Transmission and Distribution	PC	3	3	0	0	3
9.	EE8403	Measurements and Instrumentation	PC	3	3	0	0	3
10.	EE8451	Linear Integrated Circuits and Applications	PC	3	3	0	0	3
11.	IC8451	Control Systems	PC	5	3	2	0	4
12.	EE8411	Electrical Machines Laboratory II	PC	4	0	0	4	2

13.	EE8461	Linear and Digital Integrated Circuits Laboratory	PC	4	0	0	4	2
14.	EE8501	Power System Analysis	PC	3	3	0	0	3
15.	EE8551	Microprocessors and Microcontrollers	PC	3	3	0	0	3
16.	EE8552	Power Electronics	PC	3	3	0	0	3
17.	EE8591	Digital Signal Processing	PC	4	2	2	0	3
18.	EE8511	Control and Instrumentation Laboratory	PC	4	0	0	4	2
19.	EE8601	Solid State Drives	PC	3	3	0	0	3
20.	EE8602	Protection and Switchgear	PC	3	3	0	0	3
21.	EE8661	Power Electronics and Drives Laboratory	PC	4	0	0	4	2
22.	EE8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
23.	EE8701	High Voltage Engineering	PC	3	3	0	0	3
24.	EE8702	Power System Operation and Control	PC	3	3	0	0	3
25.	EE8703	Renewable Energy Systems	PC	3	3	0	0	3
26.	EE8711	Power System Simulation Laboratory	PC	4	0	0	4	2
27.	EE8712	Renewable Energy Systems Laboratory	PC	4	0	0	4	2

EMPLOYABILITY ENHANCEMENT COURSES (EEC)

S.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EE8412	Technical seminar	EEC	2	0	0	2	1
2.	HS8581	Professional Communication	EEC	2	0	0	2	1
3.	EE8611	Mini Project	EEC	4	0	0	4	2
4.	EE8811	Project work	EEC	20	0	0	20	10

SUMMARY

S.NO.	SUBJECT AREA	CREDITS AS PER SEMESTER								CREDITS TOTAL
		I	II	III	IV	V	VI	VII	VIII	
1.	HS	4	7	-	-	-	-	-		11
2.	BS	12	7	4	4	-	-	-		27
3.	ES	9	6	8	-	5	3	-		31
4.	PC	-	5	11	20	14	10	13	-	73
5.	PE						6	6	6	18
6.	OE					3	-	3		6
7.	EEC			1	1	2			10	14
	Total	25	25	23	25	23	21	22	16	180
	Non Credit / Mandatory	-	-	-	-	-	-	-	-	0

ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS
B.E. MECHANICAL ENGINEERING
REGULATIONS – 2017
CHOICE BASED CREDIT SYSTEM

PROGRAMME EDUCATIONAL OBJECTIVES:

Bachelor of Mechanical Engineering curriculum is designed to impart Knowledge, Skill and Attitude on the graduates to
1. Have a successful career in Mechanical Engineering and allied industries.
2. Have expertise in the areas of Design, Thermal, Materials and Manufacturing.
3. Contribute towards technological development through academic research and industrial practices.
4. Practice their profession with good communication, leadership, ethics and social responsibility.
5. Graduates will adapt to evolving technologies through life-long learning.

PROGRAMME OUTCOMES

1. An ability to apply knowledge of mathematics and engineering sciences to develop mathematical models for industrial problems.
2. An ability to identify, formulates, and solve complex engineering problems. with high degree of competence.
3. An ability to design and conduct experiments, as well as to analyze and interpret data obtained through those experiments.
4. An ability to design mechanical systems, component, or a process to meet desired needs within the realistic constraints such as environmental, social, political and economic sustainability.
5. An ability to use modern tools, software and equipment to analyze multidisciplinary problems.
6. An ability to demonstrate on professional and ethical responsibilities.
7. An ability to communicate, write reports and express research findings in a scientificcommunity.
8. An ability to adapt quickly to the global changes and contemporary practices.
9. An ability to engage in life-long learning.

PEO / PO Mapping

Programme Educational Objectives	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
I	✓	✓	✓	✓	✓	✓	✓	✓	✓
II	✓	✓	✓		✓			✓	
III		✓		✓	✓	✓		✓	
IV					✓	✓	✓		✓
V		✓	✓	✓	✓				✓

			COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
YEAR 1	**SEM 1**		CommunicativeEnglish							✓		
			Engineering Mathematics I	✓	✓	✓						✓
			Engineering Physics	✓	✓	✓						✓
			Engineering Chemistry				✓					
			Problem Solving and Python Programming					✓				
			Engineering Graphics		✓	✓				✓		
			Problem Solving and Python Programming Laboratory			✓		✓				
			Physics and Chemistry Laboratory			✓						
			COURSE TITLE	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
	SEM 2		Technical English							✓		
			Engineering Mathematics II	✓	✓	✓				✓		✓
			Materials Science				✓				✓	
			Basic Electrical, Electronics and Instrumentation Engineering				✓				✓	
			Environmental Science and Engineering				✓					
			Engineering Mechanics	✓	✓					✓	✓	✓
			Engineering Practices Laboratory			✓						
			Basic Electrical, Electronics and Instrumentation Engineering			✓						
YEAR 2	**SEM 3**		**COURSE TITLE**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
			Transforms and Partial Differential Equations	✓	✓	✓					✓	✓
			Engineering Thermodynamics	✓	✓	✓				✓	✓	
			Fluid Mechanics and Machinery	✓	✓	✓						
			Manufacturing Technology - I			✓	✓	✓	✓		✓	✓
			Electrical Drives and Controls									
			Manufacturing Technology Laboratory - I			✓	✓	✓	✓		✓	✓
			Computer Aided Machine Drawing			✓	✓	✓	✓		✓	✓
			Electrical Engineering Laboratory			✓						
			Interpersonal Skills / Listening & Speaking			✓						
	SEM 4		**COURSE TITLE**	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
			Statistics and Numerical Methods	✓	✓							
			Kinematics of Machinery	✓	✓	✓		✓				
			Manufacturing Technology– II	✓		✓	✓	✓			✓	✓
			Engineering Metallurgy							✓		

YEAR	SEM	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
		Strength of Materials for Mechanical Engineers	✓	✓	✓	✓					
		Thermal Engineering- I	✓	✓			✓				
		Manufacturing Technology Laboratory–II			✓						
		Strength of Materials and Fluid Mechanics Machinery Laboratory			✓						
		Advanced Reading and Writing							✓		✓
		COURSE TITLE	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
YEAR 3	SEM 5	Thermal Engineering- II	✓	✓			✓			✓	
		Design of Machine Elements		✓		✓			✓	✓	✓
		Metrology and Measurements	✓		✓	✓			✓	✓	
		Dynamics of Machines	✓	✓	✓		✓		✓		✓
		Kinematics and Dynamics Laboratory	✓	✓	✓	✓					
		Thermal Engineering Laboratory	✓	✓	✓						
		Metrology and Measurements Laboratory	✓	✓	✓	✓			✓		
		COURSE TITLE	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
	SEM 6	Design of Transmission Systems		✓		✓			✓		✓
		Computer Aided Design and Manufacturing		✓	✓		✓				
		Heat and Mass Transfer	✓	✓	✓	✓				✓	✓
		Finite Element Analysis	✓	✓		✓					✓
		Hydraulics and Pneumatics	✓	✓		✓				✓	
		C.A.D. / C.A.M. Laboratory		✓	✓			✓			
		Design and Fabrication Project						✓	✓		✓
		Professional Communication				✓	✓	✓	✓		✓
		COURSE TITLE	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
YEAR 4	SEM 7	Power Plant Engineering	✓	✓	✓	✓				✓	
		Mechatronics	✓	✓	✓		✓			✓	✓
		Process Planning and Cost Estimation		✓		✓					
		Simulation and Analysis Laboratory	✓				✓		✓		
		Mechatronics Laboratory	✓	✓	✓		✓			✓	✓
		Technical Seminar						✓			
	SEM 8	Project Work	✓	✓	✓			✓	✓		
		Principles of Management						✓			✓

ANNA UNIVERSITY, CHENNAI

AFFILIATED INSTITUTIONS

B.E. MECHANICAL ENGINEERING

REGULATIONS - 2017

CHOICE BASED CREDIT SYSTEM

I TO VIII SEMESTERS CURRICULA AND SYLLABISEMESTER I

SL. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
				THEORY				
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics - I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
				PRACTICALS				
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER II

SL. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
				THEORY				
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering Mathematics - II	BS	4	4	0	0	4
3.	PH8251	Materials Science	BS	3	3	0	0	3
4.	BE8253	Basic Electrical, Electronics and Instrumentation Engineering	ES	3	3	0	0	3
5.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
6.	GE8292	Engineering Mechanics	ES	5	3	2	0	4
				PRACTICALS				
7.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
8.	BE8261	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	ES	4	0	0	4	2
			TOTAL	30	20	2	8	25

SEMESTER III

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8353	Transforms and Partial Differential Equations	BS	4	4	0	0	4
2.	ME8391	Engineering Thermodynamics	PC	5	3	2	0	4
3.	CE8394	Fluid Mechanics and Machinery	ES	4	4	0	0	4
4.	ME8351	Manufacturing Technology - I	PC	3	3	0	0	3
5.	EE8353	Electrical Drives and Controls	ES	3	3	0	0	3
PRACTICAL								
6.	ME8361	Manufacturing Technology Laboratory - I	PC	4	0	0	4	2
7.	ME8381	Computer Aided Machine Drawing	PC	4	0	0	4	2
8.	EE8361	Electrical Engineering Laboratory	ES	4	0	0	4	2
9.	HS8381	Interpersonal Skills / Listening & Speaking	EEC	2	0	0	2	1
			TOTAL	**33**	**17**	**2**	**14**	**25**

SEMESTER IV

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8452	Statistics and Numerical Methods	BS	4	4	0	0	4
2.	ME8492	Kinematics of Machinery	PC	3	3	0	0	3
3.	ME8451	Manufacturing Technology – II	PC	3	3	0	0	3
4.	ME8491	Engineering Metallurgy	PC	3	3	0	0	3
5.	CE8395	Strength of Materials for Mechanical Engineers	ES	3	3	0	0	3
6.	ME8493	Thermal Engineering- I	PC	3	3	0	0	3
PRACTICAL								
7.	ME8462	Manufacturing Technology Laboratory – II	PC	4	0	0	4	2
8.	CE8381	Strength of Materials and Fluid Mechanics and Machinery Laboratory	ES	4	0	0	4	2
9.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
			TOTAL	**29**	**19**	**0**	**10**	**24**

SEMESTER V

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	ME8595	Thermal Engineering- II	PC	3	3	0	0	3
2.	ME8593	Design of Machine Elements	PC	3	3	0	0	3
3.	ME8501	Metrology and Measurements	PC	3	3	0	0	3
4.	ME8594	Dynamics of Machines	PC	4	4	0	0	4
5.		Open Elective I	OE	3	3	0	0	3
PRACTICAL								
6.	ME8511	Kinematics and Dynamics Laboratory	PC	4	0	0	4	2
7.	ME8512	Thermal Engineering Laboratory	PC	4	0	0	4	2
8.	ME8513	Metrology and Measurements Laboratory	PC	4	0	0	4	2
			TOTAL	**28**	**16**	**0**	**12**	**22**

SEMESTER VI

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	ME8651	Design of Transmission Systems	PC	3	3	0	0	3
2.	ME8691	Computer Aided Design and Manufacturing	PC	3	3	0	0	3
3.	ME8693	Heat and Mass Transfer	PC	5	3	2	0	4
4.	ME8692	Finite Element Analysis	PC	3	3	0	0	3
5.	ME8694	Hydraulics and Pneumatics	PC	3	3	0	0	3
6.		Professional Elective - I	PE	3	3	0	0	3
PRACTICAL								
7.	ME8681	CAD / CAM Laboratory	PC	4	0	0	4	2
8.	ME8682	Design and Fabrication Project	EEC	4	0	0	4	2
9.	HS8581	Professional Communication	EEC	2	0	0	2	1
			TOTAL	**30**	**18**	**2**	**10**	**24**

SEMESTER VII

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	ME8792	Power Plant Engineering	PC	3	3	0	0	3
2.	ME8793	Process Planning and Cost Estimation	PC	3	3	0	0	3
3.	ME8791	Mechatronics	PC	3	3	0	0	3
4.		Open Elective - II	OE	3	3	0	0	3
5.		Professional Elective – II	PE	3	3	0	0	3
6.		Professional Elective – III	PE	3	3	0	0	3
PRACTICAL								
7.	ME8711	Simulation and Analysis Laboratory	PC	4	0	0	4	2
8.	ME8781	Mechatronics Laboratory	PC	4	0	0	4	2
9.	ME8712	Technical Seminar	EEC	2	0	0	2	1
			TOTAL	28	18	0	10	23

SEMESTER VIII

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MG8591	Principles of Management	HS	3	3	0	0	3
2.		Professional Elective– IV	PE	3	3	0	0	3
PRACTICAL								
3.	ME8811	Project Work	EEC	20	0	0	20	10
			TOTAL	29	9	0	20	16

TOTAL NUMBER OF CREDITS TO BE EARNED FOR AWARD OF THE DEGREE = 184

HUMANITIES AND SOCIAL SCIENCES (HS)

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3

BASIC SCIENCE (BS)

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	MA8151	Engineering Mathematics - I	BS	5	3	2	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
5.	MA8251	Engineering Mathematics II	BS	4	4	0	0	4
6.	PH8251	Materials Science	BS	3	3	0	0	3
7.	MA8353	Transforms and Partial Differential Equations	BS	4	4	0	0	4
8.	MA8452	Statistics and Numerical Methods	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
4.	BE8253	Basic Electrical, Electronics and Instrumentation Engineering	ES	3	3	0	0	3
5.	GE8292	Engineering Mechanics	ES	5	3	2	0	4
6.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
7.	BE8261	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	ES	4	0	0	4	2
8.	CE8394	Fluid Mechanics and Machinery	ES	5	3	2	0	4
9.	EE8353	Electrical Drives and Controls	ES	3	3	0	0	3
10.	EE8361	Electrical Engineering Laboratory	ES	4	0	0	4	2
11.	CE8395	Strength of Materials for Mechanical Engineers	ES	3	3	0	0	3
12.	CE8381	Strength of Materials and Fluid Mechanics and Machinery Laboratory	ES	4	0	0	4	2

PROFESSIONAL CORE (PC)

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	ME8391	Engineering Thermodynamics	PC	5	3	2	0	4
2.	ME8351	Manufacturing Technology - I	PC	3	3	0	0	3
3.	ME8361	Manufacturing Technology Laboratory - I	PC	4	0	0	4	2
4.	ME8381	Computer Aided Machine Drawing	PC	4	0	0	4	2
5.	ME8492	Kinematics of Machinery	PC	3	3	0	0	3
6.	ME8451	Manufacturing Technology– II	PC	3	3	0	0	3
7.	ME8491	Engineering Metallurgy	PC	3	3	0	0	3
8.	ME8493	Thermal Engineering- I	PC	3	3	0	0	3
9.	ME8462	Manufacturing Technology Laboratory–II	PC	4	0	0	4	2
10.	ME8595	Thermal Engineering- II	PC	3	3	0	0	3
11.	ME8593	Design of Machine Elements	PC	3	3	0	0	3
12.	ME8501	Metrology and Measurements	PC	3	3	0	0	3
13.	ME8594	Dynamics of Machines	PC	4	4	0	0	4
14.	ME8511	Kinematics and Dynamics Laboratory	PC	4	0	0	4	2
15.	ME8512	Thermal Engineering Laboratory	PC	4	0	0	4	2
16.	ME8513	Metrology and Measurements Laboratory	PC	4	0	0	4	2
17.	ME8651	Design of Transmission Systems	PC	3	3	0	0	3
18.	ME8691	Computer Aided Design and Manufacturing	PC	3	3	0	0	3
19.	ME8693	Heat and Mass Transfer	PC	5	3	2	0	4
20.	ME8692	Finite Element Analysis	PC	3	3	0	0	3
21.	ME8694	Hydraulics and Pneumatics	PC	3	3	0	0	3
22.	ME8681	C.A.D. / C.A.M. Laboratory	PC	4	0	0	4	2
23.	ME8682	Design and Fabrication Project	PC	4	0	0	4	2
24.	ME8792	Power Plant Engineering	PC	3	3	0	0	3
25.	ME8791	Mechatronics	PC	3	3	0	0	3
26.	ME8793	Process Planning and Cost Estimation	PC	3	3	0	0	3
27.	ME8711	Simulation and Analysis Laboratory	PC	4	0	0	4	2
28.	ME8781	Mechatronics Laboratory	PC	4	0	0	4	2

PROFESSIONAL ELECTIVES FOR B.E. MECHANICAL

ENGINEERINGSEMESTER VI, ELECTIVE I

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	ME8091	Automobile Engineering	PE	3	3	0	0	3
2.	PR8592	Welding Technology	PE	3	3	0	0	3
3.	ME8096	Gas Dynamics and Jet Propulsion	PE	3	3	0	0	3
4.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3
5.	GE8073	Fundamentals of Nanoscience	PE	3	3	0	0	3

SEMESTER VII, ELECTIVE II

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	ME8071	Refrigeration and Air conditioning	PE	3	3	0	0	3
2.	ME8072	Renewable Sources of Energy	PE	3	3	0	0	3
3.	ME8098	Quality Control and Reliability Engineering	PE	3	3	0	0	3
4.	ME8073	Unconventional Machining Processes	PE	3	3	0	0	3
5.	MG8491	Operations Research	PE	3	3	0	0	3
6.	MF8071	Additive Manufacturing	PE	3	3	0	0	3
7.	GE8077	Total Quality Management	PE	3	3	0	0	3

SEMESTER VII, ELECTIVE III

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	ME8099	Robotics	PE	3	3	0	0	3
2.	ME8095	Design of Jigs, Fixtures and Press Tools	PE	3	3	0	0	3
3.	ME8093	Computational Fluid Dynamics	PE	3	3	0	0	3
4.	ME8097	Non Destructive Testing and Evaluation	PE	3	3	0	0	3
5.	ME8092	Composite Materials and Mechanics	PE	3	3	0	0	3
6.	GE8072	Foundation Skills in Integrated Product Development	PE	3	3	0	0	3
7.	GE8074	Human Rights	PE	3	3	0	0	3
8.	GE8071	Disaster Management	PE	3	3	0	0	3

SEMESTER VIII, ELECTIVE IV

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	IE8693	Production Planning and Control	PE	3	3	0	0	3
2.	MG8091	Entrepreneurship Development	PE	3	3	0	0	3
3.	ME8094	Computer Integrated Manufacturing Systems	PE	3	3	0	0	3
4.	ME8074	Vibration and Noise Control	PE	3	3	0	0	3
5.	EE8091	Micro Electro Mechanical Systems	PE	3	3	0	0	3
6.	GE8076	Professional Ethics in Engineering	PE	3	3	0	0	3

EMPLOYABILITY ENHANCEMENT COURSES
(EEC)

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8381	Interpersonal Skills/Listening &	EEC	4	0	0	4	2
2.	ME8712	Technical Seminar	EEC	2	0	0	2	1
3.	ME8811	Project Work	EEC	20	0	0	20	12
4.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
5.	ME8682	Design and Fabrication Project	EEC	4	0	0	4	2
6.	HS8581	Professional Communication	EEC	2	0	0	2	1

SUMMARY

SL. NO.	SUBJECT AREA	CREDITS PER SEMESTER								CREDITS TOTAL	Percentage %
		I	II	III	IV	V	VI	VII	VIII		
1.	HS	4	7	-	-	-		-	3	**14**	**7.61%**
2.	BS	12	7	4	4	-	-	-	-	**27**	**14.67%**
3.	ES	9	11	9	5	-	-	-	-	**33**	**17.80%**
4.	PC	-	-	11	14	19	18	13	-	**74**	**40.22%**
5.	PE	-	-	-	-	-	3	6	3	**15**	**8.15%**
6.	OE	-	-	-	-	3	-	3		**6**	**3.26%**
7.	EEC	-	-	1	1	-	3	1	10	**16**	**7.6%**
	Total	**25**	**25**	**25**	**24**	**22**	**24**	**23**	**16**	**184**	
8.	Non Credit / Mandatory										

ANNA UNIVERSITY, CHENNAI

AFFILIATED INSTITUTIONS

B.TECH INFORMATION TECHNOLOGY

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To ensure graduates will be proficient in utilizing the fundamental knowledge of basic sciences, mathematics and Information Technology for the applications relevant to various streams of Engineering and Technology.

2. To enrich graduates with the core competencies necessary for applying knowledge of computers and telecommunications equipment to store, retrieve, transmit, manipulate and analyze data in the context of business enterprise.

3. To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.

4. To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.

5. To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

PROGRAM OUTCOMES (POs)

ENGINEERING GRADUATES WILL BE ABLE TO:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

1. To create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

2. To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.

MAPPING OF PROGRAMME EDUCATIONAL OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the programme objective and the outcomes is given in the following table

PROGRAMME EDUCATIONAL OBJECTIVES	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	2										
2	3	3	1	1								2
3			3			1						3
4			3		1	2	3	1				
5				3				1	1	2	2	1

MAPPING OF PROGRAM SPECIFIC OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the Program Specific Objectives and the outcomes is given in the followingtable

PROGRAM SPECIFIC OBJECTIVES	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	2			3				2	2		
2				3			3	3			**3**	

Contribution   1: Reasonable   2:Significant   3:Strong

SEMESTER I

SI. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Communicative English									3	3	2	2
2.	Engineering Mathematics I	3	3	3						2			2
3.	Engineering Physics	3	3	3				2					1
4.	Engineering Chemistry	3	2	2				3					1
5.	Problem Solving and Python Programming	3	2	2		3							2
6.	Engineering Graphics	3	3				2						2
7.	Problem Solving and Python Programming Laboratory	3	3	3		3							2
8.	Physics and Chemistry Laboratory	3	3										

S.No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	SEMESTER III												
1.	Technical English									3	3	2	2
2.	Engineering MathematicsII	3	3	3						2			2
3.	Physics for Information Science	3	3	2				2					2
4.	Basic Electrical, Electronics and Measurement Engineering	3	2										
5.	Information Technology Essentials	3	3	3		3					2	1	2
6.	Programming in C	3	3	3		2							2
7.	Engineering Practices Laboratory	3	3				3						1
8.	C Programming Laboratory	3	3	3		3							2
9.	Information Technology Essentials Laboratory	3	3	3		3					2	2	2

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	SEMESTER IV												
1.	Discrete Mathematics	3	3	2									1
2.	Digital Principles and System Design	3	3	3									
3.	Data Structures	3	3	3									
4.	Object Oriented Programming	2	2	3		3							
5.	Analog and Digital Communication	3	3	2									
6.	Data Structures Laboratory	3	3	3		2							
7.	Object Oriented Programming Laboratory	3	2	3		3							
8.	Digital Systems Laboratory	3	3	3		2							
9.	Interpersonal Skills/Listening & Speaking									3	3	1	2

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	SEMESTER IV												
1.	Probability and Statistics	3	3	3									
2.	Computer Architecture	3	2	3									
3.	Database Management Systems	3	2	3									
4.	Design and Analysis of Algorithms	3	3	2	2								
5.	Operating Systems	3	1	3									
6.	Environmental Science and Engineering							3					
7.	Database Management Systems Laboratory	3	2	3		2							
8.	Operating Systems Laboratory	3	1	3		2							
9.	Advanced Reading and Writing									3	3	1	2

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	SEMESTER V												
1.	Algebra and Number Theory	3	3	2									
2.	Computer Networks	3	1	2									
3.	Microprocessors and Microcontrollers	3	2	3									
4.	Web Technology	3	1	1		3							
5.	Software Engineering	3	1	2							3		
6.	Microprocessors and Microcontrollers Laboratory	3	2	3		2							
7.	Networks Laboratory	3	1	2		2							
8.	Web Technology Laboratory	3	1	1		3							

						SEMESTER VI							
Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Computational Intelligence	3	3	3	3		2						
2.	Object Oriented Analysis and Design	3	3	3	3								
3.	Mobile Communication	3	2	3									
4.	Big Data Analytics	3	3	3	3		2						
5.	Computer Graphics and Multimedia	3		3		2							
6.	Mobile Application Development Laboratory	1		2		3							
7.	Object Oriented Analysis and Design Laboratory	3	3	3	2	3							
8.	Mini Project	3	3	3	1	3	3	3					

SEMESTER VII

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Principles of Management								2	2	3	3	2
2.	Cryptography and Network Security	3	3	3	2		2						
3.	Cloud Computing	2	3	3	2		2						
4.	Open Elective II												
5.	Professional Elective II												
6.	Professional Elective III												
7.	FOSS and Cloud Computing Laboratory	2	3	3	2	3	2						
8.	Security Laboratory	3	3	3	2		3						

SEMESTER VIII

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	ProfessionalElective IV												
2.	ProfessionalElective V												
3.	Project Work	3	3	3	3	3	2	2	1	3	3	3	2

PROFESSIONAL ELECTIVES (PE)

SEMESTER VI
ELECTIVE - I

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Software Testing	2	2		3								
2.	Graph Theory and Applications	3	3	2	3								
3.	Digital SignalProcessing	3	3	3	3		2	2					
4.	Information Storage and Management	3	3										
5.	Agile Methodologies	3				3				3	3	3	
6.	Embedded Systems	2	2	3			2	3					
7.	Intellectual Property Rights								3		3	3	
8.													

ELECTIVE - II

Sl. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Web Development Frameworks	2		3		3							
2.	Machine Learning Techniques	3	3	3	2		2						
3.	Formal Languages and Automata Theory	3	3	3	3		2						
4.	Internet of Things	2		2		3	3	3					
5.	Software Project Management	2	2	2						3	3	3	
6.	Service Oriented Architecture	3	3	3			2	2					
7.	Total Quality Management								3	2	3	3	3
8.													

ELECTIVE - III

SI. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Human Computer Interaction	3	3	3	2		3						
2.	C# and .Net Programming	2		3		3							
3.	Wireless Ad hocand Sensor Networks	3	3	3									
4.	Foundation Skillsin Integrated Product Development	3	3	3	2		2	2				3	
5.	Advanced Topicson Databases	3	3	3	2								
6.	Disaster Management	2	2	2			3	3					

ELECTIVE - IV

SI. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1.	Social Network Analysis	3	3	3	3								
2.	Soft Computing	2	3	3	3								
3.	Cyber Forensics	3	3	3	3								
4.	Information Security	3	3	3	3								
5.	Digital Image Processing	3	3	3	3								
6.	Network Management	2	3	3	3								
7.	Professional Ethics in Engineering								3				3

SI. No	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	ELECTIVE - V												
1.	Information Retrieval Techniques	3	3	3									
2.	Green Computing	3	3	3			3	3					
3.	Natural Language Processing	3	3	3	3								
4.	Speech Processing	3	3	3	3								
5.	Web Design and Management	3		3									
6.	Electronic Commerce	3	1	1								3	3
7.	Fundamentals of Nanoscience	3	3	3									

B.TECH INFORMATION TECHNOLOGY
REGULATIONS – 2017
CHOICE BASED CREDIT SYSTEM

I - VIII SEMESTERS CURRICULA AND SYLLABISEMESTER I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
			THEORY					
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics - I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
			PRACTICALS					
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER II

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
			THEORY					
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering Mathematics - II	BS	4	4	0	0	4
3.	PH8252	Physics for Information Science	BS	3	3	0	0	3
4.	BE8255	Basic Electrical, Electronics and Measurement Engineering	ES	3	3	0	0	3
5.	IT8201	Information TechnologyEssentials	PC	3	3	0	0	3
6.	CS8251	Programming in C	PC	3	3	0	0	3
			PRACTICALS					
7.	GE8261	Engineering PracticesLaboratory	ES	4	0	0	4	2
8.	CS8261	C Programming Laboratory	PC	4	0	0	4	2
9.	IT8211	Information Technology Essentials Laboratory	PC	2	0	0	2	1
			TOTAL	30	20	0	10	25

SEMESTER III

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8351	Discrete Mathematics	BS	4	4	0	0	4
2.	CS8351	Digital Principles and System Design	ES	4	4	0	0	4
3.	CS8391	Data Structures	PC	3	3	0	0	3
4.	CS8392	Object Oriented Programming	PC	3	3	0	0	3
5.	EC8394	Analog and Digital Communication	PC	3	3	0	0	3
PRACTICALS								
6.	CS8381	Data Structures Laboratory	PC	4	0	0	4	2
7.	CS8383	Object Oriented Programming Laboratory	PC	4	0	0	4	2
8.	CS8382	Digital Systems Laboratory	ES	4	0	0	4	2
9.	HS8381	Interpersonal Skills/Listening & Speaking	EEC	2	0	0	2	1
			TOTAL	31	17	0	14	24

SEMESTER IV

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8391	Probability and Statistics	BS	4	4	0	0	4
2.	CS8491	Computer Architecture	PC	3	3	0	0	3
3.	CS8492	Database Management Systems	PC	3	3	0	0	3
4.	CS8451	Design and Analysis of Algorithms	PC	3	3	0	0	3
5.	CS8493	Operating Systems	PC	3	3	0	0	3
6.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
PRACTICALS								
7.	CS8481	Database Management Systems Laboratory	PC	4	0	0	4	2
8.	CS8461	Operating Systems Laboratory	PC	4	0	0	4	2
9.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
			TOTAL	29	19	0	10	24

SEMESTER V

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8551	Algebra and Number Theory	BS	4	4	0	0	4
2.	CS8591	Computer Networks	PC	3	3	0	0	3
3.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
4.	IT8501	Web Technology	PC	3	3	0	0	3
5.	CS8494	Software Engineering	PC	3	3	0	0	3
6.		Open Elective I	OE	3	3	0	0	3
PRACTICALS								
7.	EC8681	Microprocessors and Microcontrollers Laboratory	PC	4	0	0	4	2
8.	CS8581	Networks Laboratory	PC	4	0	0	4	2
9.	IT8511	Web Technology Laboratory	PC	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER VI

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	IT8601	Computational Intelligence	PC	3	3	0	0	3
2.	CS8592	Object Oriented Analysis and Design	PC	3	3	0	0	3
3.	IT8602	Mobile Communication	PC	3	3	0	0	3
4.	CS8091	Big Data Analytics	PC	3	3	0	0	3
5.	CS8092	Computer Graphics and Multimedia	PC	3	3	0	0	3
6.		Professional Elective I	PE	3	3	0	0	3
PRACTICALS								
7.	CS8662	Mobile Application Development Laboratory	PC	4	0	0	4	2
8.	CS8582	Object Oriented Analysis and Design Laboratory	PC	4	0	0	4	2
9.	IT8611	Mini Project	EEC	2	0	0	2	1
10.	HS8581	Professional Communication	EEC	2	0	0	2	1
			TOTAL	30	18	0	12	24

SEMESTER VII

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MG8591	Principles of Management	HS	3	3	0	0	3
2.	CS8792	Cryptography and Network Security	PC	3	3	0	0	3
3.	CS8791	Cloud Computing	PC	3	3	0	0	3
4.		Open Elective II	OE	3	3	0	0	3
5.		Professional Elective II	PE	3	3	0	0	3
6.		ProfessionalElective III	PE	3	3	0	0	3
PRACTICALS								
7.	IT8711	FOSS and Cloud Computing Laboratory	PC	4	0	0	4	2
8.	IT8761	Security Laboratory	PC	4	0	0	4	2
			TOTAL	26	18	0	8	22

SEMESTER VIII

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		ProfessionalElective IV	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	IT8811	Project Work	EEC	20	0	0	20	10
			TOTAL	26	6	0	20	16

TOTAL NO. OF CREDITS: 185

HUMANITIES AND SOCIAL SCIENCES (HS)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3

BASIC SCIENCES (BS)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	MA8251	Engineering Mathematics I	BS	4	4	0	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
5.	MA8251	Engineering MathematicsII	BS	4	4	0	0	4
6.	PH8252	Physics for Information Science	BS	3	3	0	0	3
7.	MA8351	Discrete Mathematics	BS	4	4	0	0	4
8.	MA8391	Probability and Statistics	BS	4	4	0	0	4
9.	MA8551	Algebra and Number Theory	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
4.	BE8255	Basic Electrical, Electronics and Measurement Engineering	ES	3	3	0	0	3
5.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
6.	CS8351	Digital Principles and System Design	ES	4	4	0	0	4
7.	CS8382	Digital Systems Laboratory	ES	4	0	0	4	2

PROFESSIONAL CORE (PC)

Sl. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	IT8201	Information Technology Essentials	PC	3	3	0	0	3
2.	IT8211	Information TechnologyEssentials Laboratory	PC	2	0	0	2	1
3.	CS8251	Programming in C	PC	3	3	0	0	3
4.	CS8261	C Programming Laboratory	PC	4	0	0	4	2
5.	CS8391	Data Structures	PC	3	3	0	0	3
6.	CS8392	Object OrientedProgramming	PC	3	3	0	0	3
7.	EC8394	Analog and Digital Communication	PC	3	3	0	0	3
8.	CS8381	Data Structures Laboratory	PC	4	0	0	4	2
9.	CS8383	Object Oriented Programming Laboratory	PC	4	0	0	4	2
10.	CS8491	Computer Architecture	PC	3	3	0	0	3
11.	CS8492	Database ManagementSystems	PC	3	3	0	0	3
12.	CS8451	Design and Analysis of Algorithms	PC	3	3	0	0	3
13.	CS8493	Operating Systems	PC	3	3	0	0	3
14.	CS8481	Database ManagementSystems Laboratory	PC	4	0	0	4	2
15.	CS8461	Operating Systems Laboratory	PC	4	0	0	4	2
16.	CS8591	Computer Networks	PC	3	3	0	0	3
17.	EC8691	Microprocessors and Microcontrollers	PC	3	3	0	0	3
18.	IT8501	Web Technology	PC	3	3	0	0	3
19.	CS8494	Software Engineering	PC	3	3	0	0	3
20.	EC8681	Microprocessors and MicrocontrollersLaboratory	PC	4	0	0	4	2
21.	CS8581	Networks Laboratory	PC	4	0	0	4	2
22.	IT8511	Web Technology Laboratory	PC	4	0	0	4	2
23.	IT8601	ComputationalIntelligence	PC	3	3	0	0	3
24.	CS8592	Object Oriented Analysisand Design	PC	3	3	0	0	3
25.	IT8602	Mobile Communication	PC	3	3	0	0	3
26.	CS8091	Big Data Analytics	PC	3	3	0	0	3
27.	CS8092	Computer Graphics andMultimedia	PC	3	3	0	0	3
28.	CS8662	Mobile Application Development Laboratory	PC	4	0	0	4	2
29.	CS8582	Object Oriented Analysisand Design Laboratory	PC	4	0	0	4	2
30.	CS8792	Cryptography and Network Security	PC	3	3	0	0	3
31.	CS8791	Cloud Computing	PC	3	3	0	0	3
32.	IT8711	FOSS and Cloud Computing Laboratory	PC	4	0	0	4	2
33.	IT8761	Security Laboratory	PC	4	0	0	4	2

PROFESSIONAL ELECTIVES (PE)

SEMESTER VI

ELECTIVE - I

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	IT8076	Software Testing	PE	3	3	0	0	3
2.	CS8077	Graph Theory and Applications	PE	3	3	0	0	3
3.	IT8071	Digital Signal Processing	PE	3	3	0	0	3
4.	IT8001	Information Storage and Management	PE	3	3	0	0	3
5.	CS8072	Agile Methodologies	PE	3	3	0	0	3
6.	IT8072	Embedded Systems	PE	3	3	0	0	3
7.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3

SEMESTER VII
ELECTIVE - II

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	IT8002	Web Development Frameworks	PE	3	3	0	0	3
2.	CS8082	Machine Learning Techniques	PE	3	3	0	0	3
3.	IT8003	Formal Languages and Automata Theory	PE	3	3	0	0	3
4.	CS8081	Internet of Things	PE	3	3	0	0	3
5.	IT8075	Software Project Management	PE	3	3	0	0	3
6.	IT8074	Service Oriented Architecture	PE	3	3	0	0	3
7.	GE8077	Total Quality Management	PE	3	3	0	0	3

SEMESTER VII
ELECTIVE - III

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8079	Human Computer Interaction	PE	3	3	0	0	3
2.	CS8073	C# and .Net Programming	PE	3	3	0	0	3
3.	CS8088	Wireless Adhoc and Sensor Networks	PE	3	3	0	0	3
4.	GE8072	Foundation Skills in Integrated Product Development	PE	3	3	0	0	3
5.	CS8071	Advanced Topics on Databases	PE	3	3	0	0	3
6.	GE8074	Human Rights	PE	3	3	0	0	3
7.	GE8071	Disaster Management	PE	3	3	0	0	3

ELECTIVE - IV

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8085	Social Network Analysis	PE	3	3	0	0	3
2.	CS8086	Soft Computing	PE	3	3	0	0	3
3.	CS8074	Cyber Forensics	PE	3	3	0	0	3
4.	IT8073	Information Security	PE	3	3	0	0	3
5.	EC8093	Digital Image Processing	PE	3	3	0	0	3
6.	IT8004	Network Management	PE	3	3	0	0	3
7.	GE8076	Professional Ethics in Engineering	PE	3	3	0	0	3

SEMESTER VIII

ELECTIVE - V

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8080	Information Retrieval Techniques	PE	3	3	0	0	3
2.	CS8078	Green Computing	PE	3	3	0	0	3
3.	CS8084	Natural Language Processing	PE	3	3	0	0	3
4.	IT8077	Speech Processing	PE	3	3	0	0	3
5.	IT8078	Web Design and Management	PE	3	3	0	0	3
6.	IT8005	Electronic Commerce	PE	3	3	0	0	3
7.	GE8073	Fundamentals of Nanoscience	PE	3	3	0	0	3

*Professional Electives are grouped according to elective number as was done previously.

EMPLOYABILITY ENHANCEMENT COURSES (EEC)

Sl.NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	HS8381	Interpersonal Skills/ Listening & Speaking	EEC	2	0	0	2	1
2.	HS8461	Advanced Reading and Writing	EEC	2	0	0	2	1
3.	IT8611	Mini Project	EEC	2	0	0	2	1
4.	HS8581	Professional Communication	EEC	2	0	0	2	1
5.	IT8811	Project Work	EEC	20	0	0	20	10

S.NO.	SUBJECT AREA	CREDITS AS PER SEMESTER								CREDITS TOTAL	Percentage
		I	II	III	IV	V	VI	VII	VIII		
1.	HS	4	4		3			3		14	8.6%
2.	BS	12	7	4	4	4				31	16.84%
3.	ES	9	5	6						20	11.41%
4.	PC		9	13	16	18	19	10		85	45.56%
5.	PE					3	3	6	6	18	8.15%
6.	OE							3		3	3.26%
7.	EEC			1	1		2		10	14	7.0%
	Total	25	25	24	24	25	24	22	16	185	
8.	Non Credit / Mandatory										

ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS
B.TECH. ARTIFICAL INTELLIGENCE AND DATA SCIENCE
REGULATIONS – 2017
CHOICE BASED CREDIT SYSTEM

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To provide graduates with the proficiency to utilize the fundamental knowledge of basic sciences, mathematics, Artificial Intelligence, data science and statistics to build systems that require management and analysis of large volume of data.
2. To enrich graduates with necessary technical skills to pursue pioneering research in the field of AI and Data Science and create disruptive and sustainable solutions for the welfare of ecosystems.
3. To enable graduates to think logically, pursue lifelong learning and collaborate with an ethical attitude in a multidisciplinary team.
4. To enable the graduates to design and model AI based solutions to critical problem domains in the real world.
5. To enrich the innovative thoughts and creative ideas of the graduates for effective contribution towards economy building.

PROGRAM OUTCOMES (POs) ENGINEERING GRADUATES WILL BE ABLE TO:

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and Artificial Intelligence and Data Science basics to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmentalconsiderations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant tothe professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities andnorms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader indiverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning**: Recognize the need for, and have the preparation and ability to engage inindependent and life-long learning in the broadest context of technological change.

Programme Specific Outcomes

1. Graduates should be able to evolve AI based efficient domain specific processes for effective decision making in several domains such as business and governance domains.

2. Graduates should be able to arrive at actionable Fore sight, Insight, hind sight from data for solving business and engineering problems

3. Graduates should be able to create, select and apply the theoretical knowledge of AI and Data Analytics along with practical industrial tools and techniques to manage and solve wicked societal problems

4. Graduates should be capable of developing data analytics and data visualization skills, skills pertaining to knowledge acquisition, knowledge representation and knowledge engineering, and hence capable of coordinating complex projects.

5. Graduates should be able to carry out fundamental research to cater the critical needs of the society through cutting edge technologies of AI.

B.TECH. ARTIFICIAL INTELLIGENCE AND DATA SCIENCEREGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM
I - VIII SEMESTERS
CURRICULUMSEMESTER I

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering Mathematics – I	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
5.	GE8151	Problem Solving and Python Programming	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
PRACTICALS								
7.	GE8161	Problem Solving and Python Programming Laboratory	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry Laboratory	BS	4	0	0	4	2
			TOTAL	**31**	**19**	**0**	**12**	**25**

SEMESTER II

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8252	Linear Algebra	BS	4	4	0	0	4
3.	AD8251	Data Structures Design	PC	3	3	0	0	3
4.	GE8291	Environmental Science and Engineering	BS	3	3	0	0	3
5.	BE8255	Basic Electrical, Electronics, and Measurement Engineering	ES	3	3	0	0	3
6.	AD8252	Digital Principles and Computer Organization	ES	5	3	0	2	4
PRACTICALS								
7.	GE8261	Engineering Practices Laboratory	ES	4	0	0	4	2
8.	AD8261	Data Structures Design Laboratory	PC	4	0	0	4	2
			TOTAL	**30**	**20**	**0**	**10**	**25**

SEMESTER III

Sl. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8351	Discrete Mathematics	BS	4	4	0	0	4
2.	AD8301	Introduction to Operating Systems	PC	5	3	0	2	4
3.	AD8302	Fundamentals of Data Science	PC	3	3	0	0	3
4.	CS8392	Object Oriented Programming	PC	3	3	0	0	3
5.	AD8351	Design and Analysis of Algorithms	PC	5	3	0	2	4
PRACTICALS								
6.	AD8311	Data Science Laboratory	PC	4	0	0	4	2
7.	CS8383	Object Oriented Programming Laboratory	PC	4	0	0	4	2
8.	HS8381	Interpersonal Skills/Listening & Speaking	HS	2	0	0	2	1
			TOTAL	30	16	0	14	23

SEMESTER IV

Sl. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8391	Probability and Statistics	BS	4	4	0	0	4
2.	AD8401	Database Design and Management	PC	3	3	0	0	3
3.	AD8402	Artificial Intelligence I	PC	3	3	0	0	3
4.	AD8403	Data Analytics	PC	3	3	0	0	3
5.		Professional Elective I	PE	3	3	0	0	3
PRACTICALS								
6.	AD8411	Database Design and Management Laboratory	PC	4	0	0	4	2
7.	AD8412	Data Analytics Laboratory	PC	4	0	0	4	2
8.	AD8413	Artificial Intelligence – I Laboratory	PC	4	0	0	4	2
9.	HS8461	Advanced Reading and Writing	HS	2	0	0	2	1
			TOTAL	30	16	0	14	23

SEMESTER V

Sl. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	AD8501	Optimization Techniques	PC	4	4	0	0	4
2.	CW8691	Computer Networks	PC	5	3	0	2	4
3.	AD8502	Data Exploration and Visualization	PC	5	3	0	2	4
4.	AD8551	Business Analytics	PC	3	3	0	0	3
5.	AD8552	Machine Learning	PC	3	3	0	0	3
6.		Open Elective I	OE	3	3	0	0	3
PRACTICALS								
7.	AD8511	Machine Learning Laboratory	PC	4	0	0	4	2
8.	AD8512	Mini Project on Data Sciences Pipeline	PC	4	0	0	4	2
			TOTAL	31	19	0	12	25

SEMESTER VI

Sl. No	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	AD8601	Artificial Intelligence II	PC	3	3	0	0	3
2.	AD8602	Data and Information Security	PC	3	3	0	0	3
3.	IT8501	Web Technology	PC	3	3	0	0	3
4.		Professional Elective II	PE	3	3	0	0	3
5.		Professional Elective III	PE	3	3	0	0	3
PRACTICALS								
6.	IT8511	Web Technology Laboratory	PC	4	0	0	4	2
7.	AD8611	Artificial Intelligence - II Laboratory	PC	4	0	0	4	2
8.	HS8581	Professional Communication	HS	2	0	0	2	1
9.	AD8612	Socially relevant Project	PC	4	0	0	4	2
			TOTAL	29	15	0	14	22

Sl. No	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	AD8701	Deep Learning	PC	3	3	0	0	3
2.	AD8702	Text Analytics	PC	3	3	0	0	3
3.	AD8703	Basics of Computer Vision	PC	3	3	0	0	3
4.	AD8704	Big Data Management	PC	5	3	0	2	4
5.	AD8705	AI and Robotics	PC	5	3	0	2	4
6.		Open Elective II	OE	3	3	0	0	3
PRACTICALS								
7.	AD8711	Deep Learning Laboratory	PC	4	0	0	4	2
8.	AD8712	Mini Project on Analytics	PC	4	0	0	4	2
			TOTAL	30	18	0	12	24

SEMESTER VIII

Sl. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional Elective IV	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	AD8811	Project Work	PC	20	0	0	20	10
			TOTAL	26	6	0	20	16

TOTAL NO. OF CREDITS: 183

PROFESSIONAL ELECTIVES (PE)

SEMESTER IV, ELECTIVE - I

Sl. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
1.	EC8691	Microprocessors and Microcontrollers	PE	3	3	0	0	3
2.	AD8001	Software Development Processes	PE	3	3	0	0	3
3.	AD8002	Health care Analytics	PE	3	3	0	0	3
4.	AD8003	Mobile Applications Development	PE	3	3	0	0	3
5.	AD8004	Parallel Computing	PE	3	3	0	0	3

SEMESTER VI,
ELECTIVE - II

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
1.	AD8005	Embedded Systems and Programming	PE	3	3	0	0	3
2.	CW8591	Software Architecture	PE	3	3	0	0	3
3.	AD8006	Engineering Predictive Analytics	PE	3	3	0	0	3
4.	CS8603	Distributed Systems	PE	3	3	0	0	3
5.	CS8072	Agile Methodologies	PE	3	3	0	0	3

SEMESTER VI,
ELECTIVE - III

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
1.	CS8081	Internet of Things	PE	3	3	0	0	3
2.	AD8007	Software Testing and Quality Assurance	PE	3	3	0	0	3
3.	CS8791	Cloud Computing	PE	3	3	0	0	3
4.	CS8085	Social Network Analytics	PE	3	3	0	0	3
5.	AD8008	Web Services and API Design	PE	3	3	0	0	3

SEMESTER VIII,
ELECTIVE - IV

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
1.	AD8009	Operations and Supply Chain Management	PE	3	3	0	0	3
2.	AD8010	Speech Processing and Analytics	PE	3	3	0	0	3
3.	AD8011	Cyber Security	PE	3	3	0	0	3
4.	AD8012	Nonlinear Optimization	PE	3	3	0	0	3
5.	AD8013	Ethics Of Artificial Intelligence	PE	3	3	0	0	3

SEMESTER VIII,
ELECTIVE - V

SI. No.	COURSE CODE	COURSE TITLE	CATE GORY	CONTACT PERIODS	L	T	P	C
1.	AD8014	Engineering Economics	PE	3	3	0	0	3
2.	AD8081	Cognitive Science and Analytics	PE	3	3	0	0	3
3.	MG8591	Principles of Management	PE	3	3	0	0	3
4.	AD8015	Bio-inspired Optimization Techniques	PE	3	3	0	0	3
5.	AD8016	Information Extraction and Retrieval	PE	3	3	0	0	3

Academic Calendar of the University

2021 – 22 (ODD Semester)

II, III & IV Year

Date: 27.07.2021

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON AUTONOMOUS AFFILIATED COLLEGES

August 2021 – December 2021 (ODD SEMESTER)*

UG & PG Programmes

Sl. No.	Programme	Semester	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech.(Full-Time)	III, V, VII				
2.	B.E. / B.Tech (Part-Time)	III, V, VII				
3.	B.Arch. (Full-Time)	III, V, VII, IX	18.08.2021	30.11.2021**	02.12.2021	13.12.2021
4.	M.C.A. (Full-Time)	V				
5.	M.Sc (5 Yrs-Integrated)	V, VII, IX				
6.	M.B.A. (5 Yrs-Integrated)	V, VII, IX				

* As per the directives of the Government of Tamil Nadu, the classes will be conducted in ONLINE mode

RE - OPENING DAY FOR THE NEXT SEMESTER: 19.01.2022 (Wednesday)

NOTE:
1. The Theory and Practical Examination schedules will be published in due course (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

** In order to ensure minimum no. of working days, the following 7 Saturdays are declared as working days.

Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed	Sl. No.	Working Days (Saturdays)	Time Table of the Week Day to be Followed
1.	28.08.2021	Friday	5.	23.10.2021	Friday
2.	11.09.2021	Monday	6.	06.11.2021	Tuesday
3.	25.09.2021	Friday	7.	20.11.2021	Thursday
4.	09.10.2021	Thursday			

27.07.2021

DIRECTOR
ACADEMIC COURSES

DAC - SB

I Year

Date: 25.10.2021

CENTRE FOR ACADEMIC COURSES

ANNA UNIVERSITY: : CHENNAI – 600 025

ACADEMIC SCHEDULE FOR NON-AUTONOMOUS AFFILIATED COLLEGES

November 2021 – March 2022 (SEMESTER I)

UG (FT) Degree Programmes

Sl. No.	Programme	Semester	Commencement of Induction Programme	Commencement of Classes	Last working day	Commencement of Practical Examinations	Commencement of End Semester Examinations
1.	B.E. / B.Tech. (Full Time)	I	08.11.2021	22.11.2021	08.03.2022	10.03.2022	21.03.2022

RE-OPENING DAY FOR THE NEXT SEMESTER: 18.04.2022 (Monday)

NOTE:
1. The Theory and Practical Examination schedules will be published in due course. (Practical Examinations will be conducted before the theory examinations).
2. If necessary, loss of classes due to various curricular / co-curricular activities of the department / college may be compensated by conducting classes on Saturdays.

DIRECTOR
ACADEMIC COURSES

DAC - SB

Internal Continuous Evaluation System and Place

The institution is affiliated to Anna University, Chennai and the procedure of assessment is pursued according to the university rules. The procedure is straightforward and is conveyed to the students and staff,

- The exam cell is headed by exam cell coordinator supported by Head of the department to take care of all activities.

- The exam cell prepares exam schedule, the staff duty list, seating plan, etc.

- Faculty members prepare 2 sets of question papers as per the format given by the exam cell. Out of these two sets of question paper any one set is selected by the exam cell coordinator randomly.

- Once the exams are over the answer scripts are evaluated by the concern faculty members within 3 days of completion of the examination.

- Evaluated answer scripts are given to the students for verification and total checking. Students are awarded additional/missing marks (if any) if the appeal is valid.

- The assessment marks are entered in the logbook of concerned subjects and also in the centralized software (ERP), so that it can be viewed by the faculty/HOD/Principal.

- At present, the institution conducts three Continuous Internal Assessment tests each carries 50 marks with the duration for 1 hour 30 minutes which helps to identify the student's performance and necessary action plan for further improvement.

- Department HODs conduct the meeting with all the faculty members regarding any changes in evaluation and assessment system at the beginning of each semester.

16. Enrolment and Placement details of Students in the Last 3 Years

Name of the Dept	Enrolment and Placement details of Students in the Last 3 Years								
	2020 - 2021			2019 - 20			2018 – 19		
	Total	Enrolled	Placed	Total	Enrolled	Placed	Total	Enrolled	Placed
CSE	51	48	41	44	40	36	48	43	43
IT	33	33	31	40	34	30	27	27	24
ECE	55	54	43	82	60	40	96	70	65
EEE	30	22	17	34	20	14	45	30	29
MECH	82	74	56	105	71	48	121	110	91

17. List of Research Projects / Consultancy Works

17.1 Publications

Title of paper	Name of the author/s	Dept.	Name of journal	Year of publication	ISSN number
2020-21					
Improving the Network Throughout in IOT-Manets using Deep Learning Routing Algorithm	Dr.D.Shamima K.Kalaiselvi R.Sathiya M.Shenbagadevi N.Suganya C.Karthikeyan	Computer Science Engineering	International Journal Advanced Science and Technology	2020	2005-4238 IJAST
Landmine Detection Using Drone	S.Gayathri, S.Pragadeswaran	Electronics and Communication Engineering	International Journal of Advanced Engineering Science and Information Technology (IJAESIT)	2021	2349-3216
Wireless Sensor Networks Security Issues, Security Needs and Different Types of Attacks Based on Layers: A Survey	S.Pragadeswaran, S.Gayathri, Dr.S.Gopinath, R.Felshiya Rajakumari	Electronics and Communication Engineering	International Journal of Advanced Engineering Science and Information Technology	2021	2349-3216

			(IJAESIT)		
Assessment Work on Blue Brain Technology	S.Gopinath, S.Pragadeswaran, R.Felshiya Rajakumari, S.Gayathri	Electronics and Communication Engineering	International Journal of Advanced Engineering Science and Information Technology (IJAESIT)	2021	2349-3216
Cluster based Optimal Energy Efficient Routing Protocol for Wireless Sensor Networks	S. Gopinath, K.B. Gurumoorthy, S. Lakshmi Narayanan, M. Kasiselvanathan, S.Pragadeswaran	Electronics and Communication Engineering	Gestao, Inovaco e Tecnologias (GEINTEC)	2021	2237-0722
Security Analysis in Wireless Sensor Networks: Challenges, Threats and Security Issues	S. Pragadeswaran, S. Gopinath, S. Keerthivasan, R. Premkumar, M. Vinoth	Electronics and Communication Engineering	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2021	2321-9653
Certain Investigations on Military Applications of Wireless Sensor Networks	Mr. S. Pragadeswaran, Ms. S. Madhumitha and Dr. S. Gopinath	Electronics and Communication Engineering	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021	2581-9429
Fuzzy based Fault Tolerant Routing Protocol for Node Reliability in MANET	S Pragadeswaran, N Suma, S Madhumitha, S Gopinath	Electronics and Communication Engineering	Annals of the Romanian Society for Cell Biology	2021	1583-6258
SCEER: Secure cluster based efficient energy routing scheme for wireless sensor networks	S. Gopinath, K Vinoth Kumar, P Elayaraja, A Parameswari, S Balakrishnan, M Thiruppathi	Electronics and Communication Engineering	Materials Today Proceedings	2021	2214 - 7853
Performance evaluation of free space optical link driven by gain switched temperature dependent quantum	S Gopinath, P Ashok, M Ganesh Madhan	Electronics and Communication Engineering	Laser Physics Letters	2021	1612-2011

cascade lasers					
Reliability Integrated Intrusion Detection System for Isolating Black Hole Attack in MANET	S Gopinath, N A Natraj, D Bhanu N Sureshkumar	Electronics and Communication Engineering	Journal of Scientific & Industrial Research	2020	0975-1084
Design and control of novel multilevel bi directional grid connected inverter	D.Navin Sam M.Nagarajan Santhosh Anandan R.Radha	Electronics and Communication Engineering	International Journal of Electrical and Electronics Engineering	2021	2278-9952
Wireless Sensor Networks, Security Issues, Security Needs and Different Types of Attacks based on Layers: A Survey	S.Pragadeswaran, S.Gayathri, S.Gopinath, R.Felshiya Rajakumari	Electronics and Communication Engineering & Electrical and Electronics Engineering	International Journal of Advanced Engineering Science and Information Technology	2021	2349-3216
Assessment Work on Blue Brain Technology	S.Gopinath S.Pragadeswaran R.Felshiya Rajakumari S.Gayathri	Electronics and Communication Engineering & Electrical and Electronics Engineering	International Journal of Advanced Engineering Science and Information Technology	2021	2349-3216
Subversive Power Cable Fault Credential via GSM and GPS Module for Green Energy	G.Ravivarman A.Amudha T.Vandarkuzhali M.Siva Ramkumar R.Felshiya Rajakumari	Electrical and Electronics Engineering	Journal of Green Engineering	2021	1904-4720
Fine grained sentimental analysis of social network chat using R	J K Kiruthika, A P Janani, T.Yawanikha, M.Sudha	Information Technology	IOPscience:Journal of Physics	2021	ISSN: 1742-6596
Tribological characteristics of powder metallurgy processed Cu-WC/SiC metal matrix composites	P.Satishkumar, G.Mahesh, R.Meenakshi, S.N.Vijayan	Mechanical Engineering	Materials Today: Proceedings - Elsevier	2020	2214-7853
Characterization of natural cellulosic fibers from Nendran Banana Peduncle plants	P. Manimaran, G. Pitchayya Pillai, V. Vigneshb, M. Prithiviraj	Mechanical Engineering	International Journal of Biological Macromolecules	2020	1807–1815

A novel palm sheath and sugarcane bagasse fiber based hybrid composites for automotive applications: An experimental approach	M. K. Marichelvam, P Manimaran, Akarsh Verma, M. R. Sanjay, Suchart Siengchin, K Kandakodeeswaran,M. Geetha	Mechanical Engineering	Polymer Composites	2020	2728397
A Study on Ballast Water Management System To Reduce Pollution In Oceans	Vijayan S N, Duraimurugan G K, Deepak P & Vijayalakshmi Krishnan	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2020	2249-6890
Investigation of process parameters by abrasive assisted electrochemical micro drilling process on Al - 6061with SiC and Fly ash composites	P Satishkumar and N Natarajan	Mechanical Engineering	Materials Science and Engineering - IOP	2020	1757-899X
Optimization of machining parameters in wire EDM of OFHC copper using Taguchi analysis	P Satishkumar, C Saravana Murthi, R Meenakshi	Mechanical Engineering	Materials Today: Proceedings - Elsevier	2020	2214-7853
Characterization, mechanical and wear properties of Al6061/Sicp/fly ashp composites by stir casting technique	P Satishkumar, AJ Infant Jegan Rakesh, R Meenakshi, C Saravana Murthi	Mechanical Engineering	Materials Today: Proceedings - Elsevier	2020	2214-7853
Effect of WC addition on the corrosion behavior of powder metallurgy Cu-10SiC in a 3.5 wt% NaCl solution	P Satishkumar, C Saravana Murthi, R Meenakshi, G Ramesh	Mechanical Engineering	Materials Today: Proceedings - Elsevier	2020	2214-7853
Characterization of natural cellulosic fibers from Nendran Banana Peduncle plants	P.Manimaran G.PitchayyPillai V.Vignesh M.Prithiviraj	Mechanical Engineering	International Journal of Biological Macromolecules	2020	1879-0003

Investigation on Influence of Process Parameters In Wedm of Hybrid Aluminiun Composite Processed Through Squeeze Casting	G. Jayabalaji, Dr.P. Manimaran, V.V. Arun Shankar	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5125
Investigation on welding strength of fsw samples using taguchi optimization technique	A. Daniel Das, S.N. Vijayan, N. Subramani	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5126
Cladding of stainless steel over mild steel by using flux cored arc welding	P.K. Miniappan, V.V. Arun Shankar, A. Saiyath Ibrahim	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5127
An Evaluation of Microstructural Effect on Welding Interface of Welded Samples	P.K. Miniappan, V.V. Arun Shankar, A. Saiyath Ibrahim	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5127
Physico-chemical and Mechanical Properties of Alkali-Treated Red Banana Peduncle Fiber	G Pitchayya Pillai, P Manimaran, V Vignesh	Mechanical Engineering	Journal of natural fiber	2020	1544-046X
Multi-Objective Optimization on Tribological Behaviour of Hybrid Al MMC By Grey Relation Analysis	P. Paranthaman, R. Ramesh Babu, R. Mahesh	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5127
Taguchi-Gra For Multi Criteria Optimization of Turning Parameters For Al/Bagasse Ash/Gr Hybrid Composite	R. Karuppasamy, M. Rajesh, A.S. Karthika	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5127
Optimization of Machining Parameters in Turning Agricultural Waste based Aluminium	P. Paranthaman , R. Ramesh Babu	Mechanical Engineering	Test Engineering and Management	2020	0193-4120

Hybrid Composite					
Optimization of Friction Stir Welding Parameters of Aluminium Alloy Using Taguchi Metho	P.K.Miniappan, Arun Shankar. V.V., A.Saiyath Ibrahim	Mechanical Engineering	Test Engineering and Management	2020	0193-4120
Parametric Optimization on Wear Behaviour of Rice Husk-MoS2 Reinforced Al MMC by Taguchi Approach	N.Sathish Kumar , K.P.Harshavardhan, R. Arul Murugan	Mechanical Engineering	Test Engineering and Management	2020	0193-4120
Characterization of Aluminium Hybrid Composite Reinforced with Rice Husk Ash and Molybdenum Disulfide Processed through Compo Castin	G.Jayabalaji , S.N.Vijayan , N.Subramani	Mechanical Engineering	Test Engineering and Management	2020	0193-4120
Numerical and Analytical Investigation of Heat Transfer Enhancement in Flat Plate Solar Collector using internal fins in Absorber Tube and Dissimilar Working Medium	Sendhilkumar.S, Vijayan.S.N	Mechanical Engineering	Journal of Xidian University	2020	1001-2400
Performance and Emission Evaluation of Marine Diesel Engine Using Two–Phase Emulsion as Fuel	Vijayan.S.N, Duraimurugan G.K, and Deepak.P	Mechanical Engineering	Journal of Xidian University	2020	1001-2400
Production and Performance Enrichment of Biodiesel from Mustard oil and Blend with	Vijayan.S.N NavishKumar, Dhanapal.P	Mechanical Engineering	Test Engineering and Management	2020	0193-4120

Different Volume of Diesel					
Higher Temperature corrosion behaviour of 304 stainless steel	P. Dhanapal, V.V.Arun Sankar, A Saiyathibrahim	Mechanical Engineering	International Journal of Pure and Applied Mathematics	2020	1314-3395
Mechanical properties and characterization of AL7075 Aluminium alloy based ZrO2 Particle reinforced metal - matrix composities	T.Gunasekaran, P.Prakash	Mechanical Engineering	Materials Today: Proceedings - Elsevier	2020	2214-7853
Characterization of Aluminium Hybrid Composite Reinforced With Baggase Ash And Graphite Processed Through Squeeze Casting	N. Sathish Kumar, K.P. Harshavardhan, R. Arul Murugan	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5125
Parametric Optimization on Wedm of Aluminium-Bagasse Ash-Graphite Hybrid Composites By Taguchi Approach	P. Jayapradha, S. Sathishkumar, P. Prakash	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5125
Influence of Bagasse Ash on The Surface Roughness In Turning Of Aluminium Hybrid Composite	C. Nithiyapathi, R. Masilamani, P. Prakash	Mechanical Engineering	Journal of Critical Reviews	2020	2394-5125
Effect of Compression ratio on performance and emission characteristics of mahua bio diesel blends by changing induction timing	R.Rameshbabu	Mechanical Engineering	Journal of Xidian University	2020	1001-2400

Title	Authors	Department	Journal	Year	ISSN
Effect and optimization of machining parameters on MRR & SR for monel 400 material using Taguchi method	R.Rameshbabu, B.Babu, R.Harikrishnan, S.Midhun, K.S.Navin	Mechanical Engineering	Studia Rosenthaliana (Journal for the Study of Research)	2020	1781-7838
Enhancement of Productivity in Pump Industry Using Taguchi Optimization Technique	V.Kavinraj R.Meenakshi, G.Mahesh, P.Satishkumar, Vijayan.S.N	Mechanical Engineering	Studia Rosenthaliana (Journal for the Study of Research)	2020	1781-7838
Analysis of reliability based on thermal cycle and aging effect in electron devices	R Seetharaman and D Anitha	Chemistry	Pramana - Journal of Physics	2021	0304-4289
Modified Mangosteen shell carbon in the removal of Pb (II) and Hg (II) from aqueous solution – isotherm and kinetic studies	Anitha D. and Ramadevi A.	Chemistry	Global NEST Journal	2021	1790-7632
Activated Mangosteen shell in removal of mercury ion from aqueous solution	D.Anitha, A.Ramadevi, R.Seetharaman	Chemistry	Materials Today: Proceedings	2021	2214-7853
Biosorptive removal of Nickel(II) from aqueous solution by Mangosteen shell activated carbon	D.Anitha, A.Ramadevi, R.Seetharaman	Chemistry	Materials Today: Proceedings	2021	2214-7853
2019-20					
Improved Classification of Brain Tumor in MR Images using RNN Classification Framework	K.Kalaiselvi C.Karthikeyan M.Shenbaga Devi C.Kalpana	Computer Science Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075

Title	Authors	Department	Journal	Year	ISSN
A Gan Based X-Ray Model for Detecting Objects using Convolution Neural Networks	G.Sandhiya T.Raghunathan E.Saranya C.Kalpana B.Dhanalakshmi	Computer Science Engineering	International Journal of Advanced Science and Technology	2020	2005 -4238 IJAST
Improved Fault Diagnosis in Wireless Sensor Networks using Deep Learning Technique	G.Kiruthiga Dr. P. Mayilvel Kumar K.M.Murugesan T.Yawanika	Computer Science Engineering	International Journal of Recent Technology and Engineering	2019	2277-3878
A Framework on Personalized E-Learning Using Recommended Systems	N.Suganya R.Sathiya Dr.C.Vimalarani A.Narendiranath S.Aravind	Computer Science Engineering	International Journal of Research and Analytical Reviews	2019	2348-1269
Fuzzy based Secure Data Gathering Approach for Ad hoc Sensor Networks	Gopinath Samydurai, Gurumoorthy Kambatty Bojan, Bhanu Dharmarajan	Electronics and Communication Engineering	Journal of Scientific & Industrial Research	2020	0975-1084
A Novel Portable Smart Prayer Assistant Using RFID	E. Veera Boopathy, C.G. Akalaya, S. Sathish, M. Magesh, D. Santhosh	Electronics and Communication Engineering	International Journal of Pharmaceutical Research	2020	0975-2366
Early determination of error residual blocks by block matching algorithm for video coding	A.Anci Manon Mary, S. Suganya A. Saranya	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Congestion Control using Efficient Bandwidth Aware Routing Ad-Hoc Network	Dr.M.S.Gowtham, R.Sarath Kumar	Electronics and Communication Engineering	Journal of critical reviews	2020	2394-5125
Attention Of Multi-Faceted Video Captioning	P.Sasikala, Mr.G.Premananthan, Dr.M.S.Gowtham	Electronics and Communication Engineering	International Journal of Advanced Science and Technology	2020	2005-4238
A Review on Deep Learning in Healthcare Industry	M. Darani Kumar, Dr.S. Syed Jamaesha, P. Jeevanantham	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Fuzzy enhanced Cluster based Energy Efficient Multicast Protocol for Increasing Network Lifetime in WSN	Dr. S. Gopinath, Dr. N. Suma	Electronics and Communication Engineering	Journal of Scientific & Industrial Research	2020	0975-1084

Title	Authors	Department	Journal	Year	ISSN
An Overview of Deep Learning and Classification Algorithms	S. Sreeha Sanjanaa Bose, S. Syed Jamaesha	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Analysis of Electrooculogram using SVM Classifier	M. Darani Kumar, S. Syed Jamaesha, P. Jeevanantham	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Deep Learning Data Management using Optimization Term Memory Neural Network in IoT Sector	J. Shafiq Mansoor, S. Syed Jamaesha	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Content based Image Retrieval on Medical Applications	S. Sreeha Sanjanaa Bose, S. Syed Jamaesha	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Deep Learning Based Data Management in IOT Model for Home Power Systems of Solar	P. Sasikala, S. Gopinath, G. Premananthan	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
A Review on Alzheimer Disease based on Segmentation	G. R. Mahendra Babu, S. Gopinath, E. Arunkumar	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
An Intelligent EOG System using Fractal Features and Neural Networks	G. R. Mahendra Babu, S. Gopinath, E. Arunkumar	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Modeling of Intelligent Mechanical Ssytem for Detection and Mitigation of Air Pollution using IIOT Sensor	R. Sangeetha, T. G. Ramabharathi	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
IoT based Smart Manhole Coverage system for Urban Areas	J. Shafiq Mansoor, T. G. Ramabharathi	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120
Eye Movement Classification System using Spectral Features and Neural Networks	J. Shafiq Mansoor, T. G. Ramabharathi, Devipriya N	Electronics and Communication Engineering	Test Engineering and Management	2020	0193-4120

Title	Authors	Department	Journal	Year	ISSN
Certain Investigation On Energy Based Fuzzy E nhanced Multicast Routing In WSN	Dr. S. Gopinath, Dr. D. Bhanu and T. Yawanikha	Electronics and Communication Engineering	International Journal of Scientific & Technology Research	2020	2277-8616
An Efficient Energy Based Data Gathering Scheme For Increasing Network Lifetime In Wsn	Ms. A. Mahalakshmi, C. Kalpana, E. Saranya, M. Sudha & Dr. S. Gopinath	Electronics and Communication Engineering	International Journal of Scientific & Technology Research	2020	2277-8616
TSRP: A Trust Based Secure Routing Protocol for Authentication and Load Balancing in MANET	Dr.S. Gopinath, Dr. N. Suresh Kumar, Prof. S. Madhumitha, Dr.N.A Natraj	Electronics and Communication Engineering	International Journal of Advanced Science and Technology	2020	2005-4238
Secure Location Aware Routing Protocol with Authentication for Data Integrity	S.Gopinath, K.Vinoth Kumar, T.Jaya Sankar	Electronics and Communication Engineering	Cluster Computing	2019	1386-7857
A secure and efficient cluster based location aware routing protocol in MANET	S.Syed Jamaesha, S.Bhavani	Electronics and Communication Engineering	Cluster Computing	2019	1386-7857
Semi-Supervised Non-Linear Dimensionality Reduction Technique for Sentiment Analysis Classification	M.S. Gowtham, Dr.Kamalraj Subramaniam, M.Anandapriya	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075
Implementation of Weather Detection Band Using IoT	Dr. W. R. Salem Jeyaseelan, Dr. S. Gopinath, N. A. Natraj, M. Prabhakaran and S. Madhusudhanan	Electronics and Communication Engineering	Bioscience Biotechnology Research Communications	2019	2321-4007
Ant Colony Optimization and Genetic Algorithm Integrated Load Balancing Approach for MANET	K.B.Gurumoorthy, S.Gopinath, K.Vinoth Kumar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075

Title	Authors	Department	Journal	Year	ISSN
Performance of Optimized Data Transmision Mechanism in Air Ad-Hoc Networks	M. S. Gowtham, Dr. Kamalraj Subramaniam, M. Anandapriya	Electronics and Communication Engineering	International Journal of Engineering Research and Technology	2019	2278-0181
Design and Implementation of Digital Power Monitoring System using IoT	P. David Conqueror, Dr. S. Gopinath, Dr. S. Syed Jamaesha, Prof. N. Dinesh Babu	Electronics and Communication Engineering	Journal of Engineering, Computing and Architecture	2019	1934-7197
DC-DC Converters : A Review and Comparison Topologies for PV Application	R.Felshiya Rajakumari	Electrical and Electronics Engineering	International Journal of Engineering Applied Sciences and Technology	2019	2455-2143
Investigation on DC-DC Converter Topologies for PV Applications	R.Felshiya Rajakumari	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology	2019	2395-0056
An Overview of Spinach Application For Renewable Energy	R.Felshiya Rajakumari	Electrical and Electronics Engineering	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
DC-DC Converters : A Review and Comparison Topologies for PV Application	R.Felshiya Rajakumari	Electrical and Electronics Engineering	International Journal of Engineering Applied Sciences and Technology	2019	2455-2143
Investigation on DC-DC Converter Topologies for PV Applications	R.Felshiya Rajakumari	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology	2019	2395-0056
Certain investigation on energy based fuzzy enhanced multicast routing in WSN	Dr.S.Gopinath D. Bhanu, T.Yawanikha	Information Technology	International Journal of scientific and technology research	2020	ISSN:2277-8616
An Efficient Energy Based Data Gathering Scheme For Increasing Network Lifetime In Wsn	A. Mahalakshmi, C. Kalpana, E. Saranya, M. Sudha & Dr. S. Gopinath	Information Technology	International Journal of Scientific & Technology Research	2020	ISSN 2277-8616
A Framework on personalized E-learning using recommended system	N.Suganya, R.Sathiya, Dr.C.Vimalarani, A.Narendiranath, S.Aravind	Information Technology	International Journal of Applied Research and Technology	2020	ISSN 2349-5138

Title	Authors	Department	Journal	Year	ISSN
A Review - Effective insight on data science fellow programs	M.Sudha, G.Anandhi, K.Selvaraj, J.Pavithra	Information Technology	International Journal of control and automation	2020	ISSN 2005-4297
Challenges in processing semantic web queries	Dr.R.Gomathi, Dr.S.Logeswari, M.Sudha	Information Technology	Indian Journal of advancedScience and Technology	2020	ISSN 2005-4238
GAN based xray model for vdetecting objects using convolution neural networks	G. Sandhya, T. Raghunathan, E.Saranya, C.Kalpana, B. Dhanalakshmi	Information Technology	Indian Journal of advancedScience and Technology	2020	ISSN 2005-4238
Design of android application for detecting maritime boundaries and country boundaries	A.Mahalakshmi, R,S.Shudapreyaa, T.Yawanikha, G.Kavipriya, M.Gayathiri	Information Technology	International Journal of control and automation	2020	ISSN 2005-4297
Analysis of udemy courses based on machine learning algorithm	R.S.Shudapreyaa, T.Yawanikha, A.Mahalakshmi, J.Mary Jenifer, G.Kavipriya	Information Technology	International Journal of control and automation	2020	ISSN 2005-4297
Survey on automatically mining query facets	T.Yawanikha, A.Mahalakshmi, R.S.Shudapreyaa, J.Mary Jenifer, J.K.Kiruthika	Information Technology	International Journal of control and automation	2020	ISSN 2005-4297
A Study on picture recognition using pre processing and decision making	Dr.S.Vinoth Kumar, Dr.A.Christopher Paul, Dr. H. Shaheen	Information Technology	JXAT Journal	2020	ISSN No : 1006-7930
Load Balancing in Cloud Environment with Switching Mechanism and Token based Algorithm'	M. Aruna , Dr.D. Bhanu, Karthik. S	Information Technology	International Journal of Public Sector Performance Management, Inderscience Online	2019	ANNEXURE - II, Serial No. 1474 Vol. 5, No. 2, 2019
An Improved Load Balanced Meta Heuristic Scheduling in Cloud	Dr.D. Bhanu, S.Karthik and M. Aruna	Information Technology	The Journal of Networks Software Tools and Applications, Springer US	2019	ANNEXURE - I, (Serial No. 2299)
Mining query facets from the search results	A.Mahalakshmi, T.Yawanikha, Dr. D.Bhanu, V.P Arul kumar, K.M Murugesan	Information Technology	International Journal of recent technology and engineering	2019	ISSN:2277-3878

Detection of faults in flying wireless sensor networks using adaptive reinforcement learning	R.S.Shudapreyaa, G.Kiruthiga, K.Kalaiselvi, V.Dinesh babu	Information Technology	International Journal of recent technology and engineering	2019	ISSN:2277-3878
Improved fault daiagnosis in wireless sensor networks using deep learning technique	G.Kiruthiga, P.Mayilvel kumar, K.M Murugesan, T.Yawanikha	Information Technology	International Journal of recent technology and engineering	2019	ISSN:2277-3878
Investigation of Physico Chemical Properties and Characterization of New Natural Cellulosic Fibers from the Bark of Ficus Racemosa	P. Manimaran , S. P. Saravanan & M. Prithiviraj	Mechanical Engineering	Journal of Natural Fibers	2019	1544-046X
physico chemical properties of fibers extracted from the flower of celosi argentea plant	P.Manimaran, S.S.Saravanana kumar, M.r. Sanjay, Suchart seingchin, Pichai Pillai, Anish Khan.	Mechanical Engineering	Journal of natural fiber	2019	1544-046X
New Lignocellulosic Aristida adscensionis Fibers as Novel Reinforcement for Composite Materials: Extraction, Characterization and Weibull Distribution Analysis	P Manimaran, SP Saravanan, MR Sanjay, Mohammad Jawaid, Suchart Siengchin, Vincenzo Fiore	Mechanical Engineering	Journal of Polymers and the Environment	2019	15728900
Investigation of Physico Chemical, Mechanical and Thermal Properties of the Albizia Lebbeck Bark Fibers	P Manimaran, K Solai Senthil Kumar, M Prithiviraj	Mechanical Engineering	Journal of Natural Fibers	2019	1544-046X
Characterization of new cellulosic fiber: Dracaena reflexa as a	P. Manimarana, S.P. Saravananb, M.R. Sanjayc,, Suchart Siengchinc,	Mechanical Engineering	Jouranl of Materials research and Technology	2019	1952–1963

reinforcement for polymer composite structures	Mohammad Jawaidd,, Anish Khane				
Processing and properties evaluation of centrifugally cast in-situ functionally graded composites reinforced with Al3Ni and Si particles	A Saiyathibrahim, R Subramanian, C Samson Jerold Samuel	Mechanical Engineering	Materials Research Express	2019	2053-1591
Thermal Effects of Steam Pipe used in Activated Carbon Industry under Conditional Circumstances	Vijayan.S.N, Duraimurugan G.K, and Deepak.P	Mechanical Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
Experimental Investigation On Mechanical Properties Of B4 C Particles Reinforced Aluminium 7075 Composites	K. Krishnamoorthia , b. Girirajb , k. Ganesanc , k. Madhan muthu ganeshd*	Mechanical Engineering	Journal of the Balkan Tribological Association	2019	13104772
Investigation on thermal effects of Al_2O_3 Nano particles mixed with water in forced convection micro channel using Computational fluid dynamics,	David Paul.D, Vijayan.S.N, Navish Kumar	Mechanical Engineering	International Journal of Engineering and Advanced Technology	2019	2249-8958
Failure Analysis Of A Steam Pipe Used In Rotary Kiln Under High Temperature Conditional Circumstances	Vijayan.S.N, T.Gunasekaran, SenthilKumar.K.R	Mechanical Engineering	International Journal of Engineering and Advanced Technology	2019	2249-8958
Batch Removal of Pb (II) from Aqueous Solution using Activated Carbon Prepared from Mangosteen Shell Activated	D.Anitha, A.Ramadevi, R.Seetharaman	Chemistry	Chiang Mai Journal of Science	2020	0125-2526

with H2SO4					
Modified Mangosteen Shell in the Removal of Hg (II) from Aqueous Solution-Isotherm and Kinetic Studies	D.Anitha, A.Ramadevi, R.Seetharaman	Chemistry	Chiang Mai Journal of Science	2020	0125-2526
Bicarbonate Treated Mangosteen Shell Carbon in removal of Ni (II) from aqueous solution-Isotherm and kinetic studies	D.Anitha, A.Ramadevi	Chemistry	Digest Journal of Nanomaterials and Biostructures	2019	1842-3582
2018-19					
Investigation of Mechanical Properties of Palmyra Palm Leaf Stalk/Carbon Fiber Reinforced Polyester Hybrid Composite	Vijayan.S.N, S. Vadivel, A. Melvinjone, K. Dhinesh, D. Sneha, K. Madhan Muthu Ganesh	Mechanical Engineering	International Journal of Engineering and Advanced Technology	2018	2249-8958
Synthesis and characterization of cellulosic fiber from red banana peduncle as reinforcement for potential applications	P Manimaran, MR Sanjay, P Senthamaraikannan, Mohammad Jawaid, SS Saravanakumar, Raji George	Mechanical Engineering	Journal of natural fiber	2018	1544-046X
A Study on Different Heat Transfer Medium Used in Heat Exchangers	Vijayan.S.N, L.Abit Lara, Akhilesh S Shankar, Akshay Kumar S J	Mechanical Engineering	International Journal of Advanced Development in Science and Technology	2018	2582-1059
An experimental and numerical investigation on the mechanical	P Manimaran, A Shadrach Jeyasekaran, Rajesh Purohit, G Pitchayya Pillai	Mechanical Engineering	Journal of Natural Fibers	2018	1544-046X

properties of addition of wood flour fillers in red banana peduncle fiber reinforced polyester composites					
A Study on Application of Bio-mimicing Materials In Marine Vessels	Duraimurugan.G.K, Deepak.P, Vijayan.S.N	Mechanical Engineering	International Journal of Advanced Development in Science and Technology	2018	2582-1059
CFD Analysis of Frictional Drag Reduction on the Underneath of Ship's Hull Using Air Lubrication System	Vijayan.S.N, Duraimurugan G.K, Sendhilkumar.S, Kiran Babu.K.M and Deepak.P	Mechanical Engineering	International Journal of Mechanical Engineering & Technology	2018	0976 - 6359

17.2 MoU's with Industries

Sl. No.	Name of the institution/ industry/ corporate house with whom MoU is signed
1	Caliber Embedded Technologies, Coimbatore
2	Elysium Academy, Coimbatore
3	Gateway Software Solutions - Delivery partner of HP Enterprise, Coimbatore.
4	Object Automation Software Solutions Pvt Ltd, Chennai
5	Sekar Engineering Works
6	Greenstan Technologies, Madurai
7	Prime Tech Instruments, Chennai
8	Profeena Technologies, Coimbatore
9	Novitech R&D Private Limited, Coimbatore
10	Blue Sky Hose Manufacturing India Pvt Ltd, Coimbatore
11	Rabwin Industries Pvt Ltd, Coimbatore
12	Max CADD, Coimbatore
13	Hyagrivas Technologies, Coimbatore
14	Illuminen Technology Pvt. Ltd.
15	Industrial Electronics Corporation, Madurai
16	lnfosys Limited, Bangalore
17	MAS solar systems private limited
18	New Technology Mobile Phone Service Pvt. Ltd.
19	Pantech ProEd Pvt Ltd., Coimbatore
20	Prolific Systems and Technologies Pvt. Ltd, Coimbatore
21	Repute Digital Business Agency, Coimbatore
22	Sri Sabari Industries
23	Sun Info Media, Coimbatore
24	Techvolt Software Pvt Ltd, Coimbatore
25	Thick India Pvt. Ltd., Coimbatore
26	Times Institute of Management and Technical studies, Chennai.
27	Vlands Best Hub Pvt. Ltd.
28	Waxwing Automation Systems, Sivakasi

18.1 LoA and Subsequent EoA till the current Academic Year

Academic Year 2021 – 22

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 2021-22
Extension of Approval (EoA)

F.No. Southern/1-9317613598/2021/EOA   Date: 10-Jul-2021

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1st Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-8932081	Application Id	1-9317613598
Name of the Institution /University	KARPAGAM INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	KARPAGAM CHARITABLE TRUST
Institution /University Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO:247,248. L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105	Society/Trust Address	14A, LIC COLONY, SIDCO,COIMBATORE,COIMBATORE,Tamil Nadu,641021
Institution /University Type	Private-Self Financing	Region	Southern

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	60	60	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	Anna University, Chennai	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Anna University, Chennai	60	60	NA	NA

It is mandatory to comply with all the essential requirements as given in APH 2021-22 (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/ 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 now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 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 Complaint Committee (ICC), 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.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy ** to:
1. **The Director of Technical Education**, Tamil Nadu**

2. **The Registrar**,**
   Anna University, Chennai

Application No:1-9317613598   ALL INDIA COUNCIL FOR TECHNICAL EDUCATION   Page **2** of **3**
Note: This is a Computer generated Report. No signature is required.
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3. **The Principal / Director,**
   KARPAGAM INSTITUTE OF TECHNOLOGY
   Karpagam Institute Of Technology
   S.F.No:247,248, L&T Bypass Road
   Seerapalayam Village
   Bodipalayam Post
   Coimbatore - 641 105
   Tamilnadu,
   Madukkarai,Coimbatore,
   Tamil Nadu,641105

4. **The Secretary / Chairman,**
   14A, LIC COLONY, SIDCO
   COIMBATORE,COIMBATORE
   Tamil Nadu,641021

5. **The Regional Officer,**
   All India Council for Technical Education
   Shastri Bhawan 26, Haddows Road
   Chennai - 600 006, Tamil Nadu

6. **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, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required

PRINCIPAL 14/12/2021.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore-641 105.

Application No:1-9317613596
Note: This is a Computer generated Report. No signature is required.
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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 3 of 3

Letter Printed On:15 July 2021

Academic Year 2020 – 21

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2020-21

Extension of Approval (EoA)

F.No. Southern/1-7015898826/2020/EOA

Date: 15-Jun-2020

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21
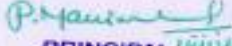
Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4th February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8932081	Application Id	1-7015898826
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	KARPAGAM CHARITABLE TRUST
Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105	Society/Trust Address	14A, LIC COLONY, SIDCO,COIMBATORE,COIMBATO RE,Tamil Nadu,641021
Institute Type	Private-Self Financing	Region	Southern

To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	60	60	NA	NA

P.Mau...
PRINCIPAL 19/04/2021.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Pos.
Coimbatore- 641 105.

Application No:1-7015898826
Note: This is a Computer generated Report. No signature is required.
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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 1 of 3

Letter Printed On:17 June 2020

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	Anna University, Chennai	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Anna University, Chennai	120	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Anna University, Chennai	0	60##\$\$	NA	NA

Approved New Course(s)
\$\$ Course(s) should be offered in Emerging Area

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (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 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ 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 beginning with the Academic Year 2020-21

2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 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. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.

3. 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.

4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:
1. The Director Of Technical Education**, Tamil Nadu

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Pos.
Coimbatore- 641 105.

Application No:1-7015935826
Note: This is a Computer generated Report. No signature is required.
Printed By : aw6523861

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Page 2 of 3
Letter Printed On:17 June 2020

2.   The Registrar**,
     Anna University, Chennai

3.   The Principal / Director,
     KARPAGAM INSTITUTE OF TECHNOLOGY
     Karpagam Institute Of Technology
     S.F.No:247,248. L&T Bypass Road
     Seerapalayam Village
     Bodipalayam Post
     Coimbatore - 641 105
     Tamilnadu,
     Madukkarai, Coimbatore,
     Tamil Nadu,641105

4.   The Secretary / Chairman,
     14A, LIC COLONY, SIDCO
     COIMBATORE,COIMBATORE
     Tamil Nadu,641021

5.   The Regional Officer,
     All India Council for Technical Education
     Shastri Bhawan 26, Haddows Road
     Chennai - 600 006, Tamil Nadu

6.   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, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

P. Maxims

PRINCIPAL 14/12/2021.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

Academic Year 2019 – 20

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2019-20

Extension of Approval (EoA)

F.No. Southern/1-4267015703/2019/EOA

Date: 29-Apr-2019

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8802081	Application Id	1-4267015703
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	KARPAGAM CHARITABLE TRUST
Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO:247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BOOIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105	Society/Trust Address	14A, LIC COLONY, SIDCO,COIMBATORE,COIMBATORE,Tamil Nadu,641021
Institute Type	Unaided - Private	Region	Southern

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI Approval Status
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND	FT	Anna University, Chennai	60	NA	NA

Application No:1-4267015703
Note: This is a Computer generated Report. No signature is required.
Printed By : ae6520981

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam Post

Page 1 of 3

Letter Printed On:2 May 2019

			ENGINEERING					
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	Anna University, Chennai	60	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUA TE	ELECTRONICS AND COMMUNICATIO NS ENGINEERING	FT	Anna University, Chennai	120	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUA TE	INFORMATION TECHNOLOGY	FT	Anna University, Chennai	60	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUA TE	MECHANICAL ENGINEERING	FT	Anna University, Chennai	120	NA	NA

~FT –Full Time,PT-Part Time

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.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/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.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Director Of Technical Education**, Tamil Nadu

2. The Registrar**,
Anna University, Chennai

3. The Principal / Director,
Karpagam Institute Of Technology
Karpagam Institute Of Technology
S.F.No:247,248, L&T Bypass Road
Seerapalayam Village
Bodipalayam Post
Coimbatore 641 105
Tamilnadu,
Madukkarai,Coimbatore,
Tamil Nadu,641105

PRINCIPAL 14/12/2021 .
KARPAGAM INSTITUTE OF TECHNOLOGY,
L&T Bypass Road, Bodipalayam-Pos.
Coimbatore- 641 105.

Application No:1-4267015703
Note: This is a Computer generated Report. No signature is required.
Printed By : ae6523691
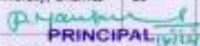
Page 2 of 3

Letter Printed On:2 May 2019

4.   The Secretary / Chairman,
     Karpagam Charitable Trust
     14A, Lic Colony, Sidco,
     Coimbatore, Coimbatore,
     Tamil Nadu, 641021

5.   The Regional Officer,
     All India Council for Technical Education
     Shastri Bhawan 26, Haddows Road
     Chennai - 600 006, Tamil Nadu

6.   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, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

Application No:1-4267015763
Note: This is a Computer generated Report. No signature is required.
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PRINCIPAL 19/12/2021 .
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam

Page 3 of 3
Letter Printed On 2 May 2019

Academic Year 2018-19

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2018-19

Extension of Approval (EoA)

F.No. Southern/1-3512684091/2018/EOA

Date: 10-Apr-2018

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-893208	Application Id	1-3512684091
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Name of the Society/Trust	KARPAGAM CHARITABLE TRUST
Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO:247,248. L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105	Society/Trust Address	14A, LIC COLONY, SIDCO,COIMBATORE,COIMBATORE,Tamil Nadu,641021
Institute Type	Unaided - Private	Region	Southern

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site	No	Change of Site Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI Approval Status	Foreign Collaboration Twining Program Approval Status*
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	Anna University, Chennai	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	Anna University, Chennai	60	NA	NA	NA

Application No:1-3512684091
Note: This is a Computer generated Report. No signature is required.
Printed By : aei2523681

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore 641 105

Page 1 of 2

Letter Printed On 25 April 2018

ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FT	Anna University, Chennai	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	INFORMATION TECHNOLOGY	FT	Anna University, Chennai	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	Anna University, Chennai	120	NA	NA	NA

+FT –Full Time, PT-Part Time
Punitive Action against the Institute

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.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:
1. The Regional Officer,
   All India Council for Technical Education
   Shastri Bhawan 26, Haddows Road
   Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education**,
   Tamil Nadu

3. The Registrar**,
   Anna University, Chennai

4. The Principal / Director,
   KARPAGAM INSTITUTE OF TECHNOLOGY
   KARPAGAM INSTITUTE OF TECHNOLOGY
   S.F.NO.247,248. L&T BYPASS ROAD
   SEERAPALAYAM VILLAGE
   BODIPALAYAM POST
   COIMBATORE - 641 105
   TAMILNADU,
   MADUKKARAI,COIMBATORE,
   Tamil Nadu,641105

5. The Secretary / Chairman,
   KARPAGAM CHARITABLE TRUST
   14A, LIC COLONY, SIDCO,
   COIMBATORE,COIMBATORE,
   Tamil Nadu,641021

6. 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, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

Application No:1-3512684091
Note: This is a Computer generated Report. No signature is required.
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PRINCIPAL 19/12/2024.
KARPAGAM INSTITUTE OF TECHNOLOGY

Page 2 of 2
Letter Printed On:25 April 2018

Academic Year 2017-18

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg/Vasant Kunj, New Delhi-110067
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

G AND TECHNOLO GY		GRA DUA TE	ENGINEERING		Chennai					
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS AND COMMUNICATI ONS ENGINEERING	FULL TIME	Anna University, Chennai	180	120	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA

The above mentioned approval is subject to the condition that
KARPAGAM INSTITUTE OF TECHNOLOGY
shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

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

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:
1. The Regional Officer,
All India Council for Technical Education
Shastri Bhawan 26, Haddows Road
Chennai - 600 006, Tamil Nadu

Application Number 1-3324570886
Note: This is a Computer generated Report.No signature is required.

Printed By : AE6523801

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post

2. The Director Of Technical Education**,
   Tamil Nadu

3. The Registrar**,
   Anna University, Chennai

4. The Principal / Director,
   KARPAGAM INSTITUTE OF TECHNOLOGY
   KARPAGAM INSTITUTE OF TECHNOLOGY
   S.F NO.247,248. L&T BYPASS ROAD
   SEERAPALAYAM VILLAGE
   BODIPALAYAM POST
   COIMBATORE – 641 105
   TAMILNADU,
   MADUKKARAI,COIMBATORE,
   Tamil Nadu,641105

5. The Secretary / Chairman,
   KARPAGAM CHARITABLE TRUST
   14A, LIC COLONY, SIDCO,
   COIMBATORE,COIMBATORE,
   Tamil Nadu,641021

6. Guard File(AICTE)

Note: ** - Approval letter copy will not be communicated thrpugh post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.

Application Number: 1-3024570386
Note: This is a Computer generated Report.No signature is required.

Printed By : AE8523861

Page 3 of 3
Letter Printed On 21 April 2017

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam Post,

Academic Year 2016-17

F.No. Southern/1-2811107367/2016/EOA   Date: 30-Apr-2016

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions)
Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards,
procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2811107367
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Permanent Id	1-6932081
Name of the Society/Trust	KARPAGAM CHARITABLE TRUST	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO:247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BOOPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI COIMBATORE, Tamil Nadu, 641105
Institute Type	Unaided - Private	Society/Trust Address	14A, LIC COLONY, SIDCO,COIMBATORE,COIMBATORE,Tamil Nadu,641021

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2811107367

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval Status	PIO / FN / Gulf Quota Approval Status	Foreign Collaboration Twinning Program Approval Status
ENGINEERING	1st Shift	UNDER	COMPUTER SCIENCE AND	FULL TIME	Anna University	60	60	NA	NA	NA

Application Number: 1-2811107367
Note: This is a Computer generated Report.No signature is required.

Printed By : ae652881

Page 1 of 3
Letter Printed On:3 May 2016

P. Manu...

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road...

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Program	Shift	Level	Name	Full/Part Time	Affiliating Body					
G AND TECHNOLO GY		GRA DUA TE	ENGINEERING		Chennai					
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	ELECTRONICS AND COMMUNICATI ONS ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERIN G AND TECHNOLO GY	1st Shift	UND ER GRA DUA TE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

Course(s) Applied for Closure by the Institute for the AY 2016-17:

Application Id 1-2811107367			Name of the Course	Full/Part Time	Affiliating Body	Course Closure Status
Program	Shift	Level				
MANAGE MENT	1st Shift	POST GRADUAT E	BUSINESS ADMINISTRATI ON : (Last Approved Intake 120)	FULL TIME	Anna University, Chennai	Pending$
MCA	1st Shift	POST GRADUAT E	MASTERS IN COMPUTER APPLICATIONS : (Last Approved Intake 60)	FULL TIME	Anna University, Chennai	Pending$

$ due to non submission of NOC's from University / Board and / or State Government

Application Number: 1-2811107367
Note: This is a Computer generated Report No signature is required.
Printed By : ae6523881

Page 2 of 3
Letter Printed On 3 May 2016

P. Yadu....
PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post.

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

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

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:
1. The Regional Officer,
   All India Council for Technical Education
   Shastri Bhawan 26, Haddows Road
   Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education,
   Tamil Nadu

3. The Registrar,
   Anna University, Chennai

4. The Principal / Director,
   KARPAGAM INSTITUTE OF TECHNOLOGY
   KARPAGAM INSTITUTE OF TECHNOLOGY
   S.F.NO.247,248. L&T BYPASS ROAD
   SEERAPALAYAM VILLAGE
   BODIPALAYAM POST
   COIMBATORE - 641 105
   TAMILNADU,
   MADUKKARAI,COIMBATORE,
   Tamil Nadu,641105

5. The Secretary / Chairman,
   KARPAGAM CHARITABLE TRUST
   14A, LIC COLONY, SIDCO,
   COIMBATORE COIMBATORE
   Tamil Nadu,641021

6. Guard File(AICTE)

Application Number: 1-2611107387
Note: This is a Computer generated Report.No signature is required.
Printed By: ae6523681

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road Bodina - am-Post

Page 3 of 3
Letter Printed On:3 May 2016

Academic Year 2015-16

F.No. Southern/1-2450264368/2015/EOA

Date: 07-Apr-2015

To,
The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2450264368
		Permanent Id	1-6902081
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105
Name of the Society/Trust	KARPAGAM INSTITUTE OF TECHNOLOGY	Society/Trust Address	L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,COIMBATORE,COIMBATORE, Tamil Nadu,641105
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2450264368*

Note: This is a Computer generated Letter of Approval. No signature is required.

Printed By : ae6523801

PRINCIPAL 14/12/2024.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore-641 105.

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUA TE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUA TE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUA TE	ELECTRONICS AND COMMUNICATION S ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUA TE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUA TE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
MANAGEMEN T	1st Shift	POST GRADUA TE	BUSINESS ADMINISTRATION	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
MCA	1st Shift	POST GRADUA TE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

Application Number 1-2169201001

Note: This is a Computer generated Letter of Approval.No signature is required.

Printed By : act623851

Page 2 of 4

Letter Printed On 11 April 2015

P. Hani
PRINCIPAL 16/2/2021.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. The Regional Officer,
    All India Council for Technical Education
    Shastri Bhawan 26, Haddows Road
    Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education,
    Tamil Nadu

3. The Registrar,
    Anna University, Chennai

4. The Principal / Director,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    KARPAGAM INSTITUTE OF TECHNOLOGY
    S.F.NO:247,248. L&T BYPASS ROAD
    SEERAPALAYAM VILLAGE
    BODIPALAYAM POST
    COIMBATORE - 641 105
    TAMILNADU,
    MADUKKARAI,COIMBATORE,
    Tamil Nadu,641105

5. The Secretary / Chairman,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,
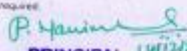   COIMBATORE,COIMBATORE,
    Tamil Nadu,641105

6. Guard File(AICTE)

Application Number: 1-2456264368*

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:11 April 2015

Printed By : ae0523681

P. Hanian
PRINCIPAL 19/12/2021
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore, 641 105

Application Number: 1 3166261369*

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:11 April 2015

Printed By : au552568 I

P. Harish

PRINCIPAL 14/11/201.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore-641 105.

Academic Year 2014-15

F.No. Southern/1-2017234124/2014/EOA

Date: 04-Jun-2014

To,
The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2017234124
		Permanent Id	1-6502081
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105, TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105
Name of the Society/Trust	KARPAGAM INSTITUTE OF TECHNOLOGY	Society/Trust Address	L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,COIMBATORE,COIMBATORE, Tamil Nadu,641105
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Note: This is a Computer generated Letter of Approval no signature is required.

Letter Printed On 6 June 2014

Printed By : AE6523881

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodinalayam-Post,
Coimbatore- 641 105.

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-2017234124

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AERONAUTICAL ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
MANAGEMENT	1st Shift	POST GRADUATE	BUSINESS ADMINISTRATION	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
MCA	1st Shift	POST GRADUATE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	60	60	NA	NA	N

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

Application Number: 1-2017234124*

Note: This is a Computer generated Letter of Approval. No signature is required.

Printed By : AE0020001

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodinalayam Post

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
    All India Council for Technical Education
    Shastri Bhawan 26, Haddows Road
    Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education,
    Tamil Nadu

3. The Registrar,
    Anna University, Chennai

4. The Principal / Director,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    KARPAGAM INSTITUTE OF TECHNOLOGY
    S.F NO:247,248 L&T BYPASS ROAD
    SEERAPALAYAM VILLAGE
    BODIPALAYAM POST
    COIMBATORE - 641 105
    TAMIL NADU,
    MADUKKARAI,COIMBATORE,
    Tamil Nadu 641105

5. The Secretary / Chairman,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,
    COIMBATORE,COIMBATORE,

Application Number: 1-2017249328*

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:6 June 2014

Printed By: AEROC3861

P. Hariш

PRINCIPAL 14/12/2021
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam Post

Tamil Nadu,641105

5.   Guard File(AICTE)

Notification Number: 1-2017234124*

Letter Printed On:5 June 2014

Note: This is a Computer generated Letter of Approval No signature is required.

Printed By: AE5523881

PRINCIPAL 19/12/2024 .
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Dadinalaxany-Post

Academic Year 2013-14

F.No. Southern/1-1455632642/2013/EOA

Date: 19-Mar-2013

To,
The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-1455632642
		Permanent Id	1-8932061
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F NO.247,248. L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMILNADU, MADUKKARAI, COIMBATORE, Tamil Nadu, 641105
Name of the Society/Trust	KARPAGAM INSTITUTE OF TECHNOLOGY	Society/Trust Address	L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,COIMBATORE,COIMBATORE, Tamil Nadu,641105
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:20 March 2013.

Printed By : aei523881

PRINCIPAL 16/12/2021
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-1455632642

Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2012-13	Intake Approved for 13-14	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AERONAUTICAL ENGINEERING	FULL TIME	Anna University, Chennai	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Anna University, Chennai	180	180	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	No	No	No
MANAGEMENT	1st Shift	POST GRADUATE	BUSINESS ADMINISTRATION	FULL TIME	Anna University, Chennai	120	120	No	No	No
MCA	1st Shift	POST GRADUATE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	60	60	No	No	No

• Validity of the course details may be verified at www.aicte-india.org alleportments approvals

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution

Note: This is a Computer generated Extension of Approval Letter. No signature is required.   Letter Printed On:20 March 2013.

Printed By : ao6523881

P. Mannu

PRINCIPAL 14/12/2024 .
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodinalayam-Post,

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

along with the application submitted by the institution on portal.

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
   All India Council for Technical Education
   Shastri Bhawan 26, Haddows Road
   Chennai - 600 006, Tamil Nadu

2. **The Director Of Technical Education,**
   Tamil Nadu

3. **The Registrar,**
   Anna University, Chennai

4. **The Principal / Director,**
   KARPAGAM INSTITUTE OF TECHNOLOGY
   KARPAGAM INSTITUTE OF TECHNOLOGY
   S.F.NO.247,248. L&T BYPASS ROAD
   SEERAPALAYAM VILLAGE
   BODIPALAYAM POST
   COIMBATORE - 641 105
   TAMILNADU,
   MADUKKARAI,COIMBATORE,
   Tamil Nadu,641105

5. **The Secretary / Chairman,**
   KARPAGAM INSTITUTE OF TECHNOLOGY
   L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,
   COIMBATORE,COIMBATORE,
   Tamil Nadu,641105

6. Guard File(AICTE)

Application Number: 1-1455532642*

Page 3 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:20 March 2013.

Printed By : aoo523881

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road

Academic Year 2012-13

F.No. Southern/1-706052691/2012/EOA

Date: 10 May 2012

To,
The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-706052691
		Permanent Id	1-8602081
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248, L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COMBATORE - 641 105 TAMILNADU, COIMBATORE, COIMBATORE, Tamil Nadu, 641105
Name of the Society/Trust	KARPAGAM INSTITUTE OF TECHNOLOGY	Society/Trust Address	L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST,COMBATORE,COIMBATORE,COIMBATORE, Tamil Nadu,641105
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2012-13

Application Number: 1-706052691

Page 1 of 4

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On:16 May 2012.

Printed By : AE6023681

PRINCIPAL 14/12/2021
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1 700052891			Cour se		Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI / JP	PIO	Foreign Collaboration
Program	Shi ft	Lev el		Full/Part Time						
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	AER ONA UTIC AL ENG INEE RIN G	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	COM PUT ER SCIE NCE AND ENG INEE RIN G	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	ELE CTRI CAL AND ELE CTR ONI CS ENG INEE RIN G	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	ELE CTR ONI CS AND COM MUN ICAT ION S ENG INEE RIN G	FULL TIME	Anna University, Coimbatore	120	180	No	No	No
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	INFO RMA TION TEC HNO LOG Y	FULL TIME	Anna University, Coimbatore	60	60	No	No	No

Application Number: 1-700052891*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On: 08 May 2012

Printed By: AB0523891

P. Maniu
PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Program	Shi ft	Lev el	Cour se	Full/Part Time	Affiliating Body	Status 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Application Id: 1-706052891										
ENGINE ERING AND TECHNO LOGY	1st Shi ft	UN DE R GR AD UA TE	MEC HANI CAL ENGI NEE RIN G	FULL TIME	Anna University, Coimbatore	60	120	No	No	No
MANAG EMENT	1st Shi ft	PO ST GR AD UA TE	BUSI NES S ADM INIS TRA TION	FULL TIME	Anna University, Coimbatore	120	120	No	No	No
MCA	1st Shi ft	PO ST GR AD UA TE	MAS TER S IN COM PUT ER APP LICA TION S	FULL TIME	Anna University, Coimbatore	60	60	No	No	No

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the Institution on portal.

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.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
   All India Council for Technical Education

Application Number: 1-706052891*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Printed By : AD5523891

Page 3 of 4

Letter Printed On:18 May 2012

P. Harian
PRINCIPAL, 19/12/2021.
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Sodipalayam-Post

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Shastri Bhawan 26, Haddows Road
Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education,
    Tamil Nadu

3. The Registrar,
    Anga University, Coimbatore

4. The Principal / Director,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    KARPAGAM INSTITUTE OF TECHNOLOGY
    S.F.NO 247,248, L&T BYPASS ROAD
    SEERAPALAYAM VILLAGE
    BODIPALAYAM POST
    COIMBATORE - 641 105
    TAMILNADU,
    COIMBATORE,COIMBATORE
    Tamil Nadu,641105

5. The Secretary / Chairman,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,
    COIMBATORE,COIMBATORE,
    Tamil Nadu,641105

6. Guard File(AICTE)

Application Number: 1-790052891*

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Printed By : AE9523881

Page 4 of 4

Letter Printed On:18 May 2012.

P. Yamuna
PRINCIPAL 19/12/2021 .
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam Post

Academic Year 2011-12

F.No. Southern/1-401619482/2011/EOA

Date: 01-09-2011

To,
The Principal Secretary,
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2011-12.
Ref: Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011.68180 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

Regional Office	Southern	Application Id	1-401619482
		Permanent Id	1-6932081
Name of the Institute	KARPAGAM INSTITUTE OF TECHNOLOGY	Institute Address	KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248. L&T BYPASS ROAD SEERAPALAYAM VILLAGE BODIPALAYAM POST COIMBATORE - 641 105 TAMIL NADU, COIMBATORE, COIMBATORE, Tamil Nadu,641105
Name of the Society/Trust	KARPAGAM INSTITUTE OF TECHNOLOGY	Society/Trust Address	L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,COIMBATORE,COIMBATORE, Tamil Nadu 641105
Institute Type	Unaided - Private		

to conduct following courses with the intake indicated below for the academic year 2011-12

Application Id: 1-401619482									
Program	Shift	Level	Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AERONAUTICAL ENGINEERING	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Coimbatore	60	60	No	No	No

Application Number: 1-401619482

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Page 1 of 6

PRINCIPAL Date of posting: 21-09-2011
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-401619482			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEER ING AND TECHNOL OGY	1st Shift	UNDE R GRAD UATE	ELECTRICAL AND ELECTRONIC S ENGINEERIN G	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINEER ING AND TECHNOL OGY	1st Shift	UNDE R GRAD UATE	ELECTRONIC R AND COMMUNICA TIONS ENGINEERIN G	FULL TIME	Anna University, Coimbatore	60	120	No	No	No
ENGINEER ING AND TECHNOL OGY	1st Shift	UNDE R GRAD UATE	INFORMATIO N TECHNOLOG Y	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
ENGINEER ING AND TECHNOL OGY	1st Shift	UNDE R GRAD UATE	MECHANICAL ENGINEERIN G	FULL TIME	Anna University, Coimbatore	60	60	No	No	No
MANAGEM ENT	1st Shift	POST GRAD UATE	BUSINESS ADMINISTRA TION	FULL TIME	Anna University, Coimbatore	60	120	No	No	No
MCA	1st Shift	POST GRAD UATE	MASTERS IN COMPUTER APPLICATION S	FULL TIME	Anna University, Coimbatore	60	60	No	No	No

The above mentioned approval is subject to the condition that KARPAGAM INSTITUTE OF TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved

Application Number : 1-401619482

Note : This is a Computer generated Extension of Approval Letter. No signature is required

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post.

by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,
    All India Council for Technical Education
    Shastri Bhawan 26, Haddows Road
    Chennai - 600 006, Tamil Nadu

2. The Director Of Technical Education,
    Tamil Nadu

3. The Registrar,
    Anna University, Coimbatore

4. The Principal / Director,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    KARPAGAM INSTITUTE OF TECHNOLOGY
    S.F.NO:247,248, L&T BYPASS ROAD
    SEERAPALAYAM VILLAGE
    BODIPALAYAM POST
    COIMBATORE - 641 105
    TAMILNADU,
    COIMBATORE,COIMBATORE,
    Tamil Nadu,641105

5. The Secretary / Chairman,
    KARPAGAM INSTITUTE OF TECHNOLOGY
    L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE,
    COIMBATORE,COIMBATORE,
    Tamil Nadu,641105

6. Guard File(AICTE)

Application Number: 1-401610482

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Page 1 of 3

Date of printing: 21-09-2011

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post.

Academic Year 2010-11

All India Council for Technical Education
(A Statutory Body under Ministry of HRD, Govt of India)

7th floor, Chandralok Building, Janpath, New Delhi 110 001
Phone : 11 23724151-57 FAX : 11 23724183 www.aicte-india.org

No. : Southern Region/1-8932081/2010/EOA

August 23, 2010

To
Principal Secretary (Higher Education) Govt. of Tamil Nadu, N. K. M. Bld.
6th Floor Secretariat, Chennai-600009

Sub : Extension of approval for the academic year 2010-11.

Sir,

In terms of the Regulations notified by the Council vide F. No. 37-3/Legal/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to :

KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO:247,248. L&T BYPASS ROADSEERAPALAYAM VILLAGEBODIPALAYAM POSTCOIMBATORE - 641 105TAMILNADU, COIMBATORE, TAMIL NADU, PIN : 641 105

for conduct of the following courses with the intake indicated below in the academic year 2010-11:

Sr. No.	Program	Level	Shift	Course	Intake 2009-10	Intake 2010-11
1	Engg. / Tech.	UG	First Shift	MECHANICAL ENGG.	60	60
2	Engg. / Tech.	UG	First Shift	INFORMATION TECH.	60	60
3	Engg. / Tech.	UG	First Shift	ELECTRONICS & COMMN. ENGG	60	60
4	Engg. / Tech.	UG	First Shift	ELECTRICAL & ELECTRONICS ENGG	60	60
5	Engg. / Tech.	UG	First Shift	COMPUTER SCIENCE & ENGG	60	60
6	Engg. / Tech.	UG	First Shift	CIVIL ENGG.	0	0
7	Engg. / Tech.	UG	First Shift	AERONAUTICAL ENGG	60	60
8	COMPUTER APPLICATION	PG	First Shift	MCA [FULL TIME]	60	60
9	Management	PG	First Shift	MBA [FULL TIME]	60	60

The above mentioned approval is subject to the condition that :
KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY S.F.NO.247,248. L&T BYPASS ROADSEERAPALAYAM VILLAGEBODIPALAYAM POSTCOIMBATORE - 641 105TAMILNADU, COIMBATORE, TAMIL NADU, PIN : 641 105

shall follow and adhere to the regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and hard copy to Regional Office.

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road Bodinalayam-Pos
Coimbatore

Anti Ragging : The approval is subject to the Institutions strictly complying with all the provisions made under the Anti ragging regulation notified by council vide F.No. 37-3/Legal/AICTE/2009 dated 1.7.2009 failing which, it will be liable to any action defined under clause 9(4) of this regulation.

Yours faithfully,

Dr. S. G. Bhirud
Director

Copy to :

1. The Regional Office, Southern Region, Tamil Nadu
2. The Director of Technical Education, Govt of Delhi
3. Guard File (AICTE)
4. The Registrar, Affiliating University
5. The Principal / Director,

KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY, KARPAGAM INSTITUTE OF TECHNOLOGY, F.NO 247,248 L&T BYPASS ROAD,SEERAPALAYAM VILLAGE,BODIPALAYAM POST,COIMBATORE , 611 MARAMANGALATHUPUDUR COIMBATORE, TAMIL NADU, PIN 641 105

P. Hari
PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

Academic Year 2009-10

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

STATUS OF APPROVAL (INCLUDING VARIAITON IN INTAKE / ADDITIONAL COURSE(S))FOR AICTE APPROV
ENGINEERING & TECHNOLOGY INSTITUTIONS FOR THE YEAR 2009-10
(STATUS AS ON 11.07.2009)

REGION: SOUTHERN

State: Tamil Nadu

Institution	Courses	Intake	
KAMRAJ COLLEGE OF ENGINEERING & TECHNOLOGY S.P.G. CHIDAMBARA NADUR-C. NAGAMMAL C S.P.G.C. NAGAR, POST BOX NO. 120, VIRUDHUNAGAR - 626 001 Year of Est : 1998 File No : 730-52-311(E)/ET/98 Univ : Anna University, Trichy Type : PVT Principal : Dr. K. Arulmozhi Phone No: 34549 - 278791, 171, 174 Fax No: 04562-244978 E-mail: kcet@md3.vsnl.net.in	BIO TECHNOLOGY# COMPUTER SCIENCE & ENGG. # ELECTRICAL & ELECTRONICS ENGG# ELECTRONICS & COMM. ENGG. # ELECTRONICS & INSTRUMENTATION# INFORMATION TECHNOLOGY# MECHANICAL ENGG. POLYMER TECHNOLOGY* M.E. BIO TECHNOLOGY M.E. POLYMER TECHNOLOGY CIVIL ENGG # Accredited w.e.f 10.02.2009 *Accredited w.e.f 19.07.2008	60 60 60 60 60 60 30 45 18 18 00 471	60 120 60 60 60 60 60 45 18 18 60 621
KANCHI PALLAVAN ENGINEERING COLLEGE, KOLIVAKKAM, IYYENGARKULAM POST, KANCHEEPURAM - 631 502 Year of Est : 2001 File No : 732-52-428(E)/ET/2001 Univ : Anna University, Chennai Type : PVT Principal : Dr. G.M. Gurusamy DOB: 15.11.1942 Qual: Ph. D Mechanical Engg. Phone No: 044 - 27242223, 27242191 Fax No: 044-27242191 E-mail: principal@kanchi-pallavan.org.in Website: www.kanchi-pallavan.org.in	COMPUTER SCIENCE & ENGG. ELECTRICAL & ELECTRONICS ENGG ELECTRONICS & COMM. ENGG. INFORMATION TECHNOLOGY MECHANICAL ENGG. MBA	90 60 120 90 60 60 480	90 60 120 90 60 60 480
KARPAGA VINAYAGA COLLEGE OF ENGG. & TECH., G.S.T. ROAD, CHINNA KOLLAMBAKKAM PALAYANOOR (PO), MADURANTHAGAM (TK), KANCHIPURAM- 603 308 TAMILNADU Year of Est : 2001 File No : 732-52-382(E)/ET/2001 Univ : Anna University, Chennai Type : PVT Principal : Prof. T. Rangaraju Phd : Non Ph.D Phone No: 044 - 27565486,	BIO TECHNOLOGY COMPUTER SCIENCE & ENGG. ELECTRICAL & ELECTRONICS ENGG ELECTRONICS & COMM. ENGG. INFORMATION TECHNOLOGY MBA (FT) MECHANICAL ENGG. MCA	60 90 60 90 60 60 60 60 540	60 90 60 90 60 60 60 60 540
KARPAGAM COLLEGE OF ENGINEERING SF NO. 758,759,760 OTHAKALMANDAPAM VILLAGE, COIMBATORE DIST - 641 032 TAMIL NADU Year of Est : 2000 File No : 730-52-363(E)/ET/2k Univ : Anna University, Coimbatore Type : PVT Principal : Dr. K.M. Mohana Sundaram. Phone No: 0422 – 2655790, 2000258 File No: 0422-2655792 E-mail: karpagam@vsnl.net.	COMPUTER SCIENCE & ENGG.* ELECTRICAL & ELECTRONICS ENGG * ELECTRONICS & COMM. ENGG.* INFORMATION TECHNOLOGY *' MECHANICAL ENGG.* ME. MACHATRONICS ENGG CIVIL ENGG. ELECTRONICS & INSTRUMENTATION ENGG. M.TECH. VLSI DESIGN AUTOMOBILE ENGG *Accredited w.e.f. March 16, 2007 for 3 Years	120 120 120 120 120 18 60 60 18 00 756	120 120 120 120 120 18 90 90 18 60 876
KARPAGAM INSTITUTE OF TECHNOLOGY, SRIPALAYAM VILLAGE, L&T, BP ROAD, COIMBATORE 641 021 Year of Est : 2007 File No : 06/05/TN/E&T/2007/37 Type : PVT. Principal : Dr. G Chandramohan/30-5-58/ PhD Mechanical Ph-0422-2611146 fax-0422-2611043	COMPUTER SCIENCE & ENGG. ELECTRONICS & COMM. ENGG. INFORMATION TECHNOLOGY AERONAUTICAL ENGG. ELECTRICAL & ELECTRONICS ENGG. MBA MECHANICAL ENGG. MCA	60 60 60 60 60 60 00 00 360	60 60 60 60 60 60 60 60 480

Note: 1. Errors and omissions if any, may immediately be brought to the attention of Adviser E&T, Hqrs., New Delhi – Fax:011-23724170
2. The deficiency letters in respect of the institutions applied for variation in intake / additional courses(s), but not approved are being dispatched separately to the respective institutions.

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, ...

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L & T Bypass Road, Bodipalayam Post,

Academic Year 2008-09

अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का सांविधिक निकाय) (A statutory body of the Govt. of India)

Karpagam Institute of Technology Coimbatore - 2			L.No 06/06/TN/E&T/2007/33
C.E.	✓		Date: 17/07/2008
	Principal		

To,
The Principal Secretary
(Education Department)
Govt. of TAMIL NADU,
Secretariat, Fort St. George,
Chennai-600 009.

Sub: AICTE Approval for extension/ increase / Variation in intake / introduction of additional courses to KARPAGAM INSTITUTE OF TECHNOLOGY, SRIPALAYAM VILLAGE, L&T, BP ROAD, COIMBATORE 641 021 for the year 2008-09 reg.

Ref: Letter of even no Dated 2nd May 2008.

Sir,

In continuation to Council's letter referred above, the Revised Intake* for the year 2008-09 in respect of KARPAGAM INSTITUTE OF TECHNOLOGY, SRIPALAYAM VILLAGE, L&T, BP ROAD, COIMBATORE 641 021 is as under:

Name of the Course (s)	Existing Intake 2008-09	Revised Intake* 2008-09	Period of Approval
COMPUTER SCIENCE & ENGG.	60	60	
ELECTRONICS & COMM. ENGG.	60	60	
INFORMATION TECHNOLOGY	60	60	
MECHANICAL ENGG.	60	120	2008-09
ELECTRICAL & ELECTRONICS ENGG.	60	60	
MBA	60	60#	
Total	**240**	**360**	

Note: * The approval for additional course (s)/ increase in intake/ variation in intake is valid for two years from the date of issue of this letter for getting affiliation with respective university and fulfilling State Government requirements of admission.

The institution is required to submit a joint FDR of Rs. 15 lakhs for the above sanctioned additional course of MBA by 31st August 2008 to the concerned Regional Office.

The additional intake is being granted based on the projections shown in the Detailed Project Report regarding additional built-up space, facility and other facilities for the proposed intake. It may be noted that all facilities including additional built-up area and faculty should be made available before the commencement of the next academic session. Random surprise inspection would be carried out to verify facilities and if the institute is found deficient in fulfillment of Norms & Standards of AICTE, appropriate action would be initiated by the Council.

Please note that all other terms & conditions of the earlier letter of even no dated 02/05/2008 will remain unchanged.

Yours faithfully,

(Prof. Harish C. Rai)
Advisor- UG/PG (E&T)

P. Mani____ 14/12/2020
PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

Copy to

KARPAGAM INSTITUTE OF TECHNOLOGY,
SREPALAYAM VILLAGE, L&T BY PASS ROAD, COIMBATORE-641 021

2. The Regional Officer,
   AICTE Southern Regional Office, 26, Haddows Road,
   Shastri Bhawan, Chennai - 600 006

3. Director of Technical Education,
   Govt. of TAMIL NADU, Chennai-600 025.

4. The Registrar, Anna University,
   Coimbatore

5. Guard File (UG/PG).

Yours faithfully,

(Prof. Harish C. Rai)
Adviser. UG/PG (E&T)

P. Manickam 14/12/2024
PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

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/TN/E&T/2007/37

RESTORATION OF INTAKE

Date: 19/06/2008

To,
The Secretary to Government,
Govt. of Tamil Nadu,
Higher Education Department, Secretariat,
Fort St. George, Chennai - 600 009.

Sub : Extension of Approval to Karpagam Institute of Tech.,Srupalayam Village, L&T, BP Road, Coimbatore, 641 021 for the year 2009-2010—Reg.
Ref. : (i) Letter of even no dated 29/5/2009

Sir,

In continuation to Council's letter referred above and in pursuance of the compliance submitted by the institution, the revised intake for the year 2009-2010 in respect of **Karpagam Institute of Tech.,Srupalayam Village, L&T, BP Road.,Coimbatore,641 021,** is as under :-

Course(s)	Existing Approved Intake 2009-2010	Revised Approved Intake 2009-2010
COMPUTER SCIENCE & ENGG.	45	60
ELECTRONICS & COMM. ENGG.	30	60
INFORMATION TECHNOLOGY	30	60
AERONAUTICAL ENGG.	30	60
ELECTRICAL & ELECTRONICS ENGG.	45	60
MBA	60	60
Total	240	360

All other terms and conditions in the letter referred above remain unchanged

Yours faithfully,

(DevVrat Singh)
Adviser (E&T)
19-6-2009

Copy to:

1. The Regional Officer, AICTE
   Southern Regional Office, 26, Haddows Road,
   Shastri Bhawan, Chennai-600 006

2. The Registrar, Anna University, Coimbatore
1. The Principal,
   Karpagam Institute of Tech.,
   Srupalayam Village, L&T, BP Road.,
   Coimbatore,641 021,
   Fax: 0422-2611043

1. Director of Technical Education, Govt. of Tamil Nadu, Chennai-600 025.

1. Guard File Bureau (UG/PG)

P. Hari...
PRINCIPAL 14/12/2024
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore- 641 105.

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L & T Bypass Road, Bodipalayam Post,
Coimbatore - 641 105

7वीं तल, चन्दलोक भवन, जनपथ नई दिल्ली- 110001
7th Floor, Chander Lok Building, Janpath, New Delhi-110001

Academic Year 2007-08

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)

File No. 06/05/TN/E&T/2007/37 '
22nd October 2007

To,
The Principal Secretary
(Education Department)
Govt. of TAMIL NADU,
Secretariat, Fort St. George,
Chennai-600 009.

Sub   AICTE approval to **Karpagam Charitable Trust, 14A, LIC Colony, SIDCO, Coimbatore 641 021** for establishment of new Institution in Degree Engg. & Tech. in the name and style of **Karpagam Institute of Technology, Srupalayam Village, L&T, BP Road, Coimbatore 641 021.**

Sir,

As per the Regulations notified by the Council vide F. No. 37-3/Legal/2004 dated 14th September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of the Expert Committee and EC Sub Committee, I am directed to convey the approval of the Council to **Karpagam Charitable Trust, 14A, LIC Colony, SIDCO, Coimbatore 641 021** for establishment of **Karpagam Institute of Technology, Srupalayam Village, L&T, BP Road, Coimbatore 641 021** for conduct of the following courses and intake.

S.No.	Name of the Course	Intake
1	Computer Science & Engg.	60
2	Electronics & Communication Engg.	60
3	Information Technology	60
4	Aeronautical Engg.	60
	Total	240

Note - The approval is valid for **Two years** from the date of issue of this letter for getting affiliation with respective university and fulfilling State Govt. requirements of admission.

The **Society/Trust/Institution** shall obtain necessary affiliation/ permission from the concerned affiliating University, as per the prescribed schedule of the University/ Admission Authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. Incase the Institution could not commence the above mentioned courses for whatsoever reasons during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant society/trust shall have to make fresh application to AICTE for grant of fresh approval.

The approval is further subject to fulfillment of following conditions

That the management shall provide adequate funds for development of land and building and for providing related infrastructure, instructional and other facilities as per Council's

P. Jamima

PRINCIPAL 19/11/2007.

Norms and standards laid down by the Council from time to time and for meeting recurring expenditure.

2. (a) That the admissions shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.

(b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.

(c) That the admissions to the courses shall be made only after the affiliating University /State Board has given permission to start the course.

(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course (s) or alter intake capacity of seats without the prior approval of the Council.

(e) That no excess admissions shall be made by the Institution over and above the approved intake under any circumstances.

(f) That the institutions shall not have any collaborative arrangements with any Indian and/or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE.

(g) That the Institution shall not allow conduct of any unapproved course whether technical or non technical in the premises of AICTE approved institution/campus and /or in the name of the Institution without prior permission from AICTE.

3. That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.

4. That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed the Council from time to time. No capitation fee shall be charged from the students/guardians of students in any form.

5. That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or person authorized by it.

6. That the Director/Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are paid as per the norms prescribed by the Council for time to time.

(a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.

(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/programmes being conducted and details of infrastructure facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be housed in the Institution Web-Site. The information shall be revised every year with updated information about all aspects of the institution.

(c) That it shall be mandatory for the technical institution to maintain a web-site providing the prescribed information. The website information must be continuously updated as and when changes take place.

(d) That a compliance report in the prescribed format along with mandatory disclosure on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time.

(e) That if Technical 'Institution fails to disclose the information or suppress and/or misrepresent' the information, appropriate action could be initiated including withdrawal of AICTE approval.

8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliating University and shall be in operational condition before making admissions.

9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.

10. That a computer center with adequate number of terminals, Printers, legal software etc. shall be established as per AICTE norms.

11. That a Refundable Performance Guarantee Fee (RPGF) shall be deposited with AICTE, New Delhi for an amount and period prescribed by the Council from time to time.

12. AICTE may carry out random inspections round the year any time for verifying the status of the Institutions to ensure maintenance of norms and standards.

13. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.

14. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.

15. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

P. Harini

PRINCIPAL 14/12/2024
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road. Bodipalayam-Post,
Coimbatore- 641 105

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY
L & T Bypass Road, Bodipalayam Post,

SRO-1-1455632642

16.   In the event of non-compliance by the **Karpagam Institute of Technology, Srupalayam Village, L&T, BP Road, Coimbatore 641 021** with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of the concerned **Karpagam Institute of Technology, Srupalayam Village, L&T, BP Road, Coimbatore 641 021.**

Yours faithfully,

(Prof. Harish C. Rai)
Adviser UG/PG(E&T)

Copy to:

1. The Principal/ Director
Karpagam Institute of Technology,
Srupalayam Village, L&T, BP Road,
Coimbatore 641 021.

(The Institute is required to submit compliance report as per AICTE norms on or before 31st October, 2007)

2. The Regional Officer,
AICTE Southern Regional Office,
26, Haddows Road,
Shastri Bhawan, Chennai - 600 006

3. Director of Technical Education,
Govt. of TAMIL NADU,
Chennai-600 026.

4. The Registrar
Anna University,
Coimbatore -641013

5. The Registrar,
Anna University,
Sardar Patel Road,
Guindy, Chennai-600 025.

6. Guard File (UG/PG).

Yours faithfully,

(Prof. Harish C. Rai)
Adviser UG/PG(E&T)

PRINCIPAL 14/11/2021
KARPAGAM INSTITUTE OF TECHNOLOGY
L&T Bypass Road, Bodipalayam-Post,
Coimbatore-641 105.

PRINCIPAL
KARPAGAM INSTITUTE OF TECHNOLOGY

20. Best Practices Adopted

1. Industry collaborated Laboratories
2. Placement Initiatives
3. Encouragement to the students for participating in National level project contests like Smart India Hackathon, Toycathon, etc.,
4. Effective Mentor ward System
5. 15:1 Student Faculty Ratio
6. Participation in IIT spoken Tutorial by all the students
7. Participation in MOOC Courses by all the faculty members
8. Awards/Rewards for best faculty performance
9. Green Campus
10. Scholarship for meritorious students