

1. Name of the Institution

NANDHA COLLEGE OF TECHNOLOGY

- Address including Telephone, Mobile, E-Mail

NANDHA COLLEGE OF TECHNOLOGY

235, CHENNIMALAIPALAYAM ROAD

PITCHANDAMPALAYAM PO, VEEPAM PALAYAM VILLAGE

ERODE - PERUNDURAI MAIN ROAD, ERODE – 638 052, TAMIL NADU

Tel: 04294 222116, Fax: 04294-222114 Mobile: 7373714703

Web: www.nandhatech.org

Email ID: principal@nandhatech.org

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

SRI NANDHA EDUCATIONAL TRUST,

291, CHINNAMUTHU MAIN STREET,

EK VALASU, ERODE – 638 011

Ph: 04294 226397

3. Name and Address of the Principal

Dr.S.NANDAGOPAL

PRINCIPAL,

NANDHA COLLEGE OF TECHNOLOGY

235, CHENNIMALAIPALAYAM ROAD

PITCHANDAMPALAYAM PO, VEEPAM PALAYAM VILLAGE

ERODE - PERUNDURAI MAIN ROAD, ERODE – 638 052, TAMIL NADU

Tel: 04294-223434 (Office)

Mobile: 7373714703

E-Mail: principal@nandhatech.org

4. Name of the affiliating University

Anna University Chennai, Tamilnadu

5. Governance

- Members of the Board and their brief background

1	Chairman	Shri. V. Shanmugan Sri Nandha Educational Trust, 291, Chinnamuthu main street EK Valasu, Erode – 638 011
2	Member	Shri. S. Nandhakumar Pradeep 291, Chinnamuthu Main Street EK Valasu, Erode – 638 011

3	Member	Shri. S. Thirumoorthi 291, Chinnamuthu Main Street EK Valasu, Erode – 638 011
4	Member	Mrs. Banumathi Shanmugan 291, Chinnamuthu Main Street EK Valasu, Erode – 638 011

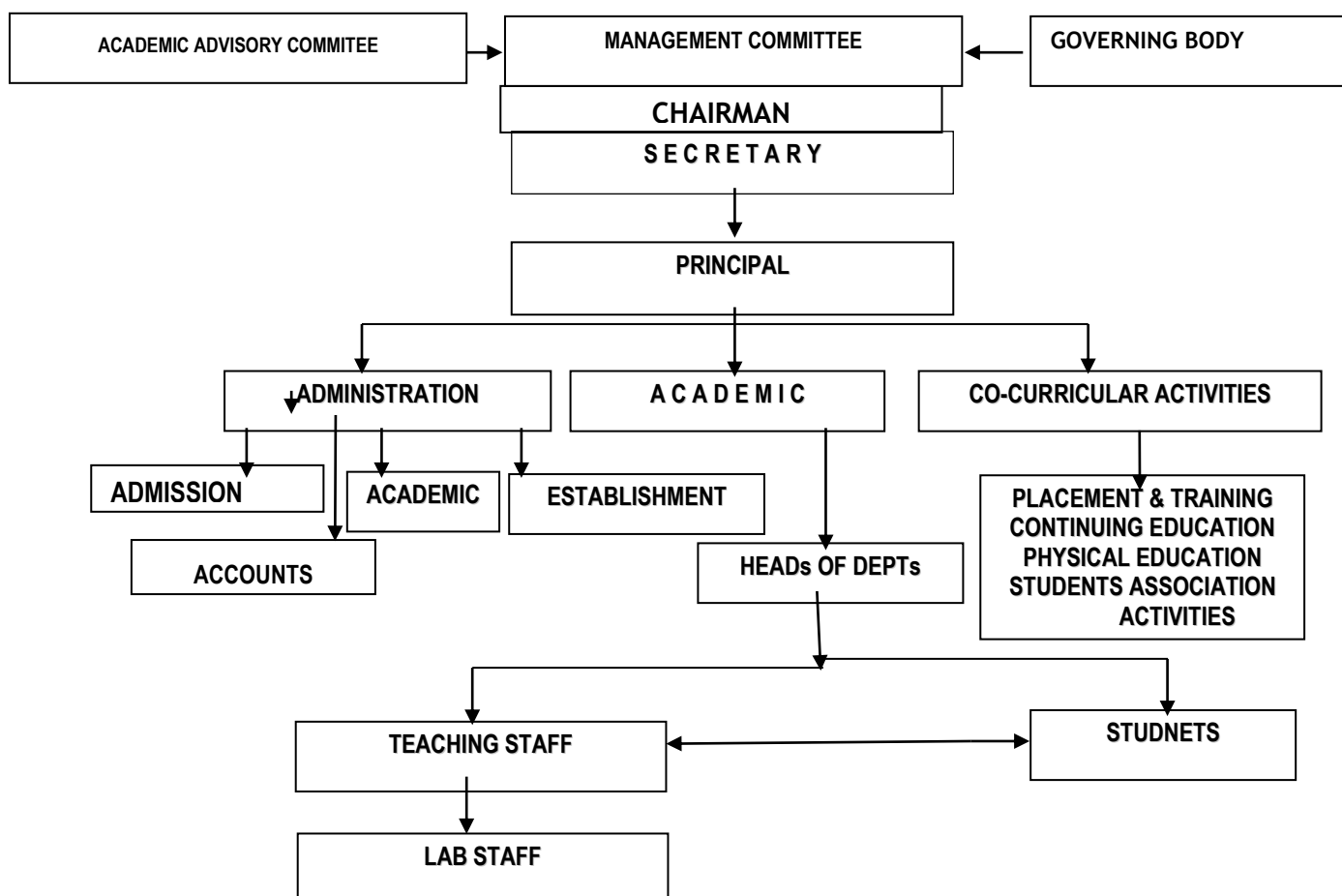
• Members of Academic Advisory Body

1	Mr.V.Shanmugan	Chairman, Nandha Educational Institutions
2	Mr.S.Nandha Kumar Pradeep	Secretary, Nandha Educational Trust
3	Mr.S.Thirumoorthi	Secretary, Nandha Educational Institutions
4	Dr.S.P. Viswanathan	Former Registrar, Bharathiar University
5	Mrs.S.Banumathi	Trustee, Nandha Educational Trust
6	Dr.S.Arumugam	CEO, Nandha Educational Institutions
7	Mr.C.D.Venkateshwaran	Managing Director, Veno Pro Polymers, Erode
8	Dr.R.Jayanthi	HoD / ECE, Nandha College of Technology
9	Dr.G.B.Mohankumar	HoD / EEE, Nandha College of Technology
10	Dr.S.Nandagopal	Principal, Nandha College of Technology

Frequency of the Board Meeting and Academic Advisory Body:

The meetings are held generally once in six months

Organizational chart and processes



- Nature and Extent of involvement of Faculty and students in academic affairs/improvements
 - Faculty members are permitted to attend Faculty Development Programs. Seminars & Symposiums at national and international levels.
 - Students are encouraged maximum with financial assistance from the college to take part in the national & international level seminars, management festivals conducted by various management schools.
 - Every day one period is allotted for personality development & related activities. The session is being conducted under the supervision of a faculty.
 - Faculty members are encouraged to acquire higher qualifications.
 - Faculty members are encouraged to apply for grants from various funding agencies.
- Student Feedback on Institutional Governance/ Faculty performance: Available
- Grievance Redressal mechanism for Faculty, staff and students: Available

S. No.	Name	Category	Present Designation/ Occupation	Telephone Numbers	Mobile Numbers	E-Mail id	Address
1	Mr.ATHIK UMARAN	SENIOR MEMBER	Associate Professor	04294 - 222116	9750515333	atticivil@gmail.com	147/A, KOLATHU PALAYAM, GANGAPURA M-CHITHODE VIA, ERODE-638102
2	Mr.SURESH KUMAR T	SENIOR MEMBER	Associate Professor	04294 - 222116	9943624558	sureshkumart@gmail.com	151, THOTTIPALAYAM-V. VELLODE, ERODE-638112
3	Dr.KAVITHA V	SENIOR LADY MEMBER	Associate Professor	04294 - 222116	9791209971	kavithamebit@gmail.com	58, CHENNIMAL AI GOWNDER PUDUR-KOOTAMPONDI, ERODE-638315
4	Mrs. MOHANAPARIYAD	SENIOR LADY MEMBER	Associate Professor	04294 - 222116	9566609711	spriyasasmi@gmail.com	377/64, HARI ILLAM, AMBIGAI NAGAR-PALAYAPALAYAM ERODE-6380009
5	Ms.MARY REGINA R	SENIOR LADY MEMBER	Others - Ladies Hostal Warden	04294 - 222116	9965516803	nandhatechnology@gmail.com	18A, THABAKOLLAM ST, THIRUKOVILUR-VILLUPURAM-605757 Villupuram

S. No .	Name	Category	Present Designation/ Occupation	Telep hone Num bers	Mobile Numbe rs	E-Mail id	Address
6	Dr.VISWA NATHAN S.P	OUTSIDE ACTIVIST	Others- Rtd.Join Director	04294 - 22211 6	9443134 813	drspviswanatha @yahoo.com	CHENNIMAL AIPALAYAM ROAD- PERUNDURAI , ERODE- 638052 Erode

- Establishment of Anti Ragging Committee: Available

Anti Ragging Squad:

S. N o.	Name	Positi on	Category	Present Designation /Occupatio n	Telep hone Num bers	Mobile Numbe rs	E-Mail id	Address
1	Dr.NANDA GOPAL.S	Chair man	Principal	Associate Professor	04294 - 22211 6	737371 4703	asnandu@yah oo.com	130 B, VASANTHA NAGAR, 46 PUDHUR, ERODE- 638002
2	Mr.SURES HKUMAR T	Memb er	Faculty Member	Associate Professor	04294 - 22343 4	737371 4703	sureshkumart @gmail.com	151, THOTTIPAL AYAM- V.VELLODE , ERODE- 638112
3	Dr.MOHA NKUMAR G.B	Memb er	HOD1	Professor	04294 - 22211 6	975053 0333	gbmohankum ar@gmail.co m	36, GANAPATH IPURAM, KARUNKAL PALAYAM, ERODE- 638003
4	Mr.SENTH ILKUMAR N	Memb er	Faculty Member	Associate Professor	04294 - 22211 6	996511 5119	nasenthil.mba @gmail.com	URAMBU THOTTAM, PALAYAM PUDUR, KURUBATH UR, GOBICHETT IPALAYAM, ERODE- 638457
5	Dr.KAVIT HA V	Memb er	Faculty Member	Associate Professor	04294 - 22211 6	979120 9971	kavithmebit@ gmail.com	58, CHENNIMA LAI GOWNDER PUDUR- KOOTAMPO NDI, ERODE-

S. No.	Name	Position	Category	Present Designation /Occupation	Telephone Numbers	Mobile Numbers	E-Mail id	Address
								638315
6	Mr.GIRIMURUGAN	Member	Faculty Member	Associate Professor	04294 - 222116	997631 1254	giri2621988@gmail.com	210 C, KAMARAJ NAGAR, FIRST STREET, BHAVANI-638301, ERODE
7	Mrs.JAYANTHIR	Member	HOD2	Professor	04294 - 222116	948643 4427	jairajadurai@gmail.cim	362, ASHOK NAGAR, NEAR JAYCEES SCHOOL, MOOLAPAL AYAM, ERODE-638002.
8	Mr.THAIUMANAVAN M	Member	Non-Teaching Faculty	Lab Technician	04294 - 222116	908060 8460	thaiumanavan@gmail.com	12, KUGALUR MAIN ROAD, PONNACHIP UDUR, BHAVANI, ERODE-638315.

Anti Ragging Committee:

S. No	Name	Position	Category	Present Designation/ Occupation	Telephone Numbers	Mobile Numbers	Email-id	Address
1	Dr.NANDAGOPALS	Chairman	Principal	ASSOCIATE PROFESSOR	04294-222116	7373 7147 03	principal@nandhatech.org	130 B, VASANTHA NAGR, 46 PUDUR ERODE-638002,Erode
2	Ms.MASUTHA BEGUM	Member	Police Department	POLICE INSPECTOR	04294-220548	9498 1059 21	perunduraips@gmail.com	PERUNDURAI POLICE STATION,PERUNDURAI, ERODE-638052, Erode

S. No	Name	Position	Category	Present Designation/ Occupation	Telephone Numbers	Mobile Numbers	Email-id	Address
3	Mr.ABDUL RAHUMAN	Member	Revenue/Taluk/Civil/Officers	VILLAGE ADMINISTRATIVE OFFICER	0429 4-2221 16	9542 5999 27	office@nan dhatech.org	VILLAGE ADMINISTRATIVE OFFICER, VEPPAMPALAYAM , ERODE, Erode
4	Mr.PARTHIBAN.K	Member	Official of NGO	OFFICIAL OF NGO	0424 - 2555 475	9865 6333 36	aswatngo@gmail.com	ASWANT NGO,80, MADUKATTIPALAYAM,THOPPUPALAYAM-CHENNNIMALAI,ERODE, Erode
5	Mr.KOLANDASAMY.P	Member	Representatives of Parents	PARENTS	0429 4-2221 16	8012 3879 79	susindran2233@gmail.com	21/75,PALANISAMY GARDEN STREET,AYYANPUDUR-KOVILPALAYAM, KANJIKOVIL-638116,Erode
6	Ms.SRI SAKTHI VIDHYA S	Member	Representatives of Student	STUDENT	0429 4-2221 16	9487 4152 30	ammusri12599@gmail.com	82,VINAYAGAR KOIL STREET-4, NGGO NAGAR-MOOLAPALAYAM, ERODE-638002,
7	Mr.SUSINDRAN.K	Member	Representatives of Student	STUDENT	0429 4-2221 16	8012 3879 79	susindran2233@gmail.com	21/75,PALANISAMY GARDEN STREET,AYYANPUDUR-KOVILPALAYAM, KANJIKOVIL-638116,Erode
8	Mr.VIMAL KUMAR.P	Member	Representatives of Non-Teaching	OFFICE STAFF	0429 4-2221 16	9842 7987 22	vimal82@gmail.com	244, ERODE ROAD, PERUNDURAI-638052,Erode
9	Dr.MOHANKUMAR.G.B	Others	HOD	PROFESSOR	0429 4-2221 16	9750 5203 33	gbmohankumar@gmail.com	III-FLOOR,BALAJI APPARTMENT,VIDHYA NAGAR,THINDAL ERODE-638012,Erode
10	Dr.KAVITHA V	Member	HoD	Associate Professor	0429 4-2221 16	9791 2099 71	kavithmebit@gmail.com	58, CHENNNIMALAI GOWNDER PUDUR-KOOTAMPONDI,ERODE-638315

- Establishment of Online Grievance Redressal Mechanism : Available
- Establishment of Grievance Redressal Committee in the Institution and Appointment of
- OMBUDSMAN by the University: Available

- Establishment of Internal Complaint Committee (ICC): Available
- Establishment of Committee for SC/ST: Available

SC/ST COMMITTEE

S.No	Name of the Faculty	Designation/Department	Email-ID	Mobile Numbers
1	Mr.S.Parthiban	Assistant Professor/ECE	parthiban@nandhatech.org	6382494366
2	Mr.Balamurugan P	Assistant Professor/EEE	bala1983nandha@gmail.com	9489727778
3	Mr.Pitachai Krishnan B	Assistant Professor/Mech	b.p.krishnan001@gmail.com	9659887636
4	Mrs.Prabhakar.E	Assistant Professor/CSE	prabhakarit10@gmail.com	8056795606
5	Mr.Bragadeewaran T	Assistant Professor/Civil	Bragadeeshcivil@gmail.com	9659716868
6	Mr.Rajavenkatesswaran K.C	Assistant Professor/IT	rajavenkates@gmail.com	9688968313

- Internal Quality Assurance Cell:

S.No	Name of the Member	Position
1.	Dr.S.Nandagopal Principal Nandha College of Technology	Chairperson
2.	Dr.S.Arumugam Chief Executive Officer Nandha Educational Institutions	Management Representative
3	Mr.N.Atthikumaran Head& Professor Civil Engineering Nandha College of Technology	IQAC Coordinator
4	Dr.R.Jayanthi Head&Professor ECE Nandha College of Technology	Member
5	Dr.G.B.Mohankumar Head& Professor EEE Nandha College of Technology	Member

6	Mr.P.Manikavasagam Head& Professor Mechanical Engineering Nandha College of Technology	Member
7	Dr.V.Kavitha Professor&Head Information Technology Nandha College of Technology	Member
8	Mr.R.Sudhakar Professor&Head Computer Science and Engineering Nandha College of Technology	Member
9	Mr.S.Alexandar Loyola, Design Engineer, Smart Enovations India Pvt. Ltd, Bangalore.	Member-Alumini
10	Mrs. P.Tamilselvi, ASWAT NGO, Chennimalai.	Member-Local Society
11	Mr. P. Sathiyamoorthy, General Manager, AQUASUB Engineering, Coimbatore.	Member-Employer
12	Mr.P.Gokul IV Civil Department of Civil Engineering Nandha College of Technology	Member-Student

6. Programmes

- Name of Programmes approved by AICTE

S. No.	Course(s)
1	B.E-COMPUTER SCIENCE AND ENGINEERING
2	B.E- ELECTRONICS & COMMUNICATION ENGINEERING
3	B.E- ELECTRICAL AND ELECTRONICS ENGINEERING
4	B.E- MECHANICAL ENGINEERING
5	B.TECH-INFORMATION TECHNOLOGY
6	M.E- COMPUTER SCIENCE AND ENGINEERING
7	M.E-COMMUNICATION SYSTEMS

NBA ACCREDITATION STATUS:

Name/ List of Programmes / Courses Accredited: **NIL**

Applied for Accreditation:

Applied but visit not happened:

Information Technology (SAR will be submitted in the month of March 2022)

List of programmes / courses Not Applied: **CSE, ECE,EEE, Mech, M.E(CSE) and M.E(CS).**

NAAC ACCREDITATION STATUS:Accredited: **NIL**Applied for Accreditation: **NIL**Not Applied: **Yes.**

- Foreach Programme the following details are to be given (Preferably in Tabular form):

Programmes	Number of seats	Duration	Cut off Marks/rank of admission during the last three years	Fee (per year)	Placement facilities
UG Degree E & T	330	4 yrs	The admission is based on the rank in TNEA counselling and Entrance Test Conducted By Govt. of Tamil Nadu	As per Govt. Norms	Available
PG Degree E & T	27	2 yrs			
Total	357				

Campus placement in last three years with minimum salary ,maximum salary and average salary: **Available**

Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: **NIL**

7. Faculty

- Course/Branch wise list Faculty members:

S.No	AICTE Unique Id	Name of the faculty	Qualification	Designation
PRINCIPAL				
1	1-7373819798	NANDAGOPAL S	M.E., Ph.D	PROFESSOR
B.E CIVIL ENGINEERING				
1	1-9319854976	ATTHIKUMARAN N	M.E.,	ASSOCIATE PROFESSOR
2		BRAGADEESWARAN T	M.E.,	ASSOCIATE PROFESSOR
B.E COMPUTER SCIENCE AND ENGINEERING				
1	1-2188981915	SURESHKUMAR V S	M.E., (Ph.D)	ASST PROFESSOR
2	1-2303781363	RAGUNATH V	M.E.,	ASST PROFESSOR
3	1-2483293628	KARTHIKEYAN P	M.E.,	ASST PROFESSOR
4	1-3196917144	SHANTHA KUMAR S	M.E.,	ASST PROFESSOR
5	1-4430948789	PRABHAKAR E	M.E.,(Ph.D)	ASST PROFESSOR
6	1-7375330385	RAMKUMAR C	M.E.,	ASST PROFESSOR
7	1-736917751	JAVED AHAMED B M S	M.E.,	ASSOCIATE

				PROFESSOR
8	1-7417315171	MURALI KRISHNAN K S	M.E.,(Ph.D)	ASST PROFESSOR
9	1-7419271559	KAVIN	M.E.,	ASST PROFESSOR
10	1-2187759903	JEYAGEETHAV	M.E.,	ASST PROFESSOR
11	1-3536331033	GOKULRAJ P	M.E.,	ASST PROFESSOR
12	1-9312662571	RAMASAMY	M.E.,	ASST PROFESSOR
13	1-9312662578	PRABAKAR V	M.E.	ASST PROFESSOR
14	1-2643617288	KARTHICK M	M.E.	ASST PROFESSOR
15		BHAVADHARANI K	M.E.	ASST PROFESSOR
16	1-432706004	KIRTHIKADEVI K	M.E.,(Ph.D)	ASSOCIATE PROFESSOR
17		CHITRALEGA K P	M.E.,	ASST PROFESSOR
18	1-7374049471	TAMILALAKI S	M.E.,	ASST PROFESSOR
19		TAMILARASAN R	M.E.,	ASST PROFESSOR
20	1-821839874	VIDHYA R	M.E.,	ASSOCIATE PROFESSOR
21	1-821839878	KUMAR P	M.E.,	ASSOCIATE PROFESSOR
22	1-1507665543	MOHANAPRIYA D	M.E.,	ASSOCIATE PROFESSOR
23	1-432331429	SUDHAKAR R	M.E.,	ASST PROFESSOR
24	1-1507665739	THIRUVENKATASAMY S	M.E., (Ph.D)	ASSOCIATE PROFESSOR
25	1-9315423268	SWETHA M		
26		SUBAPRIYA R	M.E.	ASST PROFESSOR

B.E ELECTRONICS AND COMMUNICATION ENGINEERING

1		AMSAVENI S	M.E.,	ASST PROFESSOR
2	1-2191947315	MOHANA PRIYA M	M.E.,	ASST PROFESSOR
3	1-10570454438	POORNIMA K	M.E.,	ASST PROFESSOR
4	1-10549963159	PAVITHRA L	M.E.,	ASST PROFESSOR
5	1-7385364315	RAJKUMAR R	M.E.,	ASST PROFESSOR
6	1-7418966568	VINOTHKUMAR P	M.E.,	ASSOCIATE PROFESSOR
7	1-05612933	DEEPAK V	M.E.,	ASST PROFESSOR
8	1-7418967217	MOHANAPRIYA S	M.E.,	ASST PROFESSOR
9	1-9312901200	MARIMUTHU V	M.E.,	ASST PROFESSOR
10	1-9463284048	GOWTHAMI D	M.E.,	ASST PROFESSOR
11	1-9463438881	KEERTHANA R	M.E.,	ASST PROFESSOR
12	1-502074785	PARTHIBAN S	M.E., (Ph.D)	ASSOCIATE PROFESSOR
13	1-427046958	JAYANTHI R	M.E.,Ph.D	PROFESSOR
14	1-822281333	THAMARAISELVI K	M.E.,	ASSOCIATE

				PROFESSOR
15	1-1505612921	BASKARAN D	M.E.,(Ph.D)	ASST PROFESSOR
16	1-1505612925	PALANISAMY A	M.E.,	ASST PROFESSOR
17	1-1516532831	RAJKUMAR T	M.E. (Ph.D)	ASST PROFESSOR
B.E ELECTRICAL AND ELECTRONICS ENGINEERING				
1	1-7374049478	MOHANKUMAR G B	M.Tech.,Ph.D	PROFESSOR
2	1-431688667	SAVITHA C	M.E.,	ASST PROFESSOR
3	1-7377563741	MAHENDRAN A	M.E.,	ASST PROFESSOR
4	1-7503237655	PRASAD N	M.E.,	ASST PROFESSOR
5	1-2187792215	KUMARESAN J	M.E.,Ph.D	ASSOCIATE PROFESSOR
6	1-9463283518	SARAVANAN S	M.E.,	ASST PROFESSOR
7		HEMALATHA P	M.E.	ASST PROFESSOR
8	1-431754194	POONGODI P	M.E.,	ASST PROFESSOR
9		GOKUL KUMAR C	M.E.	ASST PROFESSOR
10	1-821898977	THIRUVENKADAM A S	M.E.,	PROFESSOR
11	1-821945704	BALAMURUGAN P	M.E., (Ph.D)	ASSOCIATE PROFESSOR
12	1-1505702154	KARTHIKEYAN P	M.E., MBA.,	ASST PROFESSOR
13	1-1505702158	HEMASILVIAVINOTHINI S	M.E.,	ASST PROFESSOR
B.E MECHANICAL ENGINEERING				
1	1-2190355088	VISWANATHAN	M.E.,	ASST PROFESSOR
2	1-2190551883	VIMALA	M.E.,	ASST PROFESSOR
3	1-2190576957	ARUNKUMAR	M.E.,	ASST PROFESSOR
4	1-2192031045	GIRIMURUGAN	M.E.,(Ph.D)	ASSOCIATE PROFESSOR
5	1-2192031120	SRINIVASAN	M.E.,	ASSOCIATE PROFESSOR
6	1-2194905345	MAHESKUMAR PON	M.E.,(Ph.D)	ASSOCIATE PROFESSOR
7	1-2299268543	MAGUDESWARAN	M.E.,	ASST PROFESSOR
8	1-3184082207	ANANDHU	M.E.,	ASST PROFESSOR
9	1-3184082219	ADITHYA	M.E.,	ASST PROFESSOR
10	1-3536212513	ARJUNRAJ	M.E.,	ASST PROFESSOR
11	1-4433825886	PITCHIA KRISHNAN	M.E.,	ASST PROFESSOR
12	1-7377208585	THANGARAJ	M.E.,	ASST PROFESSOR
13	1-2484021660	ABDULRAHMAN	M.E.,	ASST PROFESSOR

14	1-7485225298	KRISHNAKUMAAR	M.E.,	ASST PROFESSOR
15	1-2187420684	KRISHNAMOORTHY	M.E.,	ASST PROFESSOR
16	1-1507390130	MANICKAVASAGAM	M.E., (Ph.D)	PROFESSOR
17	1-7343251653	KUMARAVEL	M.E.,Ph.D	PROFESSOR

B.TECH INFORMATION TECHNOLOGY

1	1-2188981708	YOGA	M.E.,	ASST PROFESSOR
2	1-2192363229	SENTHILKUMAR	M.E.,	ASST PROFESSOR
3	1-2484725466	BALAJI	M.E.,	ASST PROFESSOR
4	1-4494579115	KISHORE KUMAR	M.E.,	ASST PROFESSOR
5	1-7374049055	SAVEETHA P	M.E.,Ph.D	ASSOCIATE PROFESSOR
6	1-7375605351	KARTHIK	M.E.,	ASST PROFESSOR
7	1-7375605357	PRASATH	M.E.,	ASST PROFESSOR
8	1-9462278720	CHARANYA	M.E.,	ASST PROFESSOR
9	1-821976112	RAJAVENKATESSWARAN K C	M.E.,	ASST PROFESSOR
10	1-821976116	KRISHNAKARTHIK	M.E.,(Ph.D)	ASST PROFESSOR
11	1-1507618457	SURESH KUMAR T	M.E.,(Ph.D)	ASSOCIATE PROFESSOR
12	1-432705986	KAVITHA V	M.E., Ph.D	ASSOCIATE PROFESSOR
13	1-7430500953	DEVARAJSAM Y S	M.E.,	ASST PROFESSOR

SCIENCE AND HUMANITIES

1	1-2190429611	SURESH	M.Sc.M.Phil	ASST PROFESSOR
2	1-2694246657	ANANDARAJ	M.A.,M.Phil	ASST PROFESSOR
3	1-3536399028	RAMYADEVI	M.A.,M.Phil	ASST PROFESSOR
4	1-7374889368	JANNATHULFIRTHOUSE	M.Sc.M.Phil	ASSOCIATE PROFESSOR
5	1-7397877618	YAZHINI	M.A.,M.Phil	ASST PROFESSOR
6	1-7501030531	SANGEETHA	M.Sc.M.Phil	ASSOCIATE PROFESSOR
7	1-7501030537	ANEESA KATTUN	M.Sc.M.Phil	ASST PROFESSOR
8	1-7503524913	POONGODI	M.A.,M.Phil	ASSOCIATE PROFESSOR
9	1-9312901456	ANANTHI	M.Sc.M.Phil.,(Ph.D)	ASST PROFESSOR
10	1-3573698783	VIJAYAKUMAR N	M.Sc.	ASST PROFESSOR

11	1-9324773161	SATHIYA	M.Sc.M.Phil	ASST PROFESSOR
12	1-9466172918	AKBAR	M.Sc.M.Phil	ASST PROFESSOR
13		SARAVANAN A P	M.Sc., M.Phil	ASST PROFESSOR
14	1-441603491	SATHYA	M.Sc.M.Phil	ASSOCIATE PROFESSOR
15	1-443882397	RAJENDIRAN	M.Sc., M.Phil., Ph.D.	PROFESSOR
16		KIRUTHIGA A	M.Sc., M.Phil	ASST PROFESSOR
17	1-822057206	ANANTHI	M.Sc.M.Phil	PROFESSOR
18		CHITRA J	M.Sc.	ASST PROFESSOR
19		SENTHIL KUMAR N	M.Sc.	ASST PROFESSOR
LIBRARY AND PHYSICAL DIRECTOR				
1	1-481519441	PRAKASH T	M.A.,MLIS,M.Phil.,PhD	CHIEF LIBRARIAN
2	1-481519445	GUNASEELAN	MLIS.,	ASST LIBRARIAN
3		KOUSALYA S		ASST LIBRARIAN
4	1-2192183153	BASKARAN V N	M.Ph.Ed.,	PHYSICAL DIRECTOR

- Permanent Faculty: Student Ratio:1:15

8. Profile of Principal

Name : Dr.S.Nandagopal

Date of Birth : 05.02.1976

Unique ID : 1-7373819798

Education Qualifications : M.E., Ph.D.,

Work Experience :

- Teaching: 18 Years
- Research: 13 Years
- Industry: Nil

Area of Specialization:

Data Mining, Data Analytics, Network Security

Courses taught at Under Graduate/ Post Graduate Level:

Computer Science and Engineering & Information Technology



- **Research guidance**

Post Graduate: M.E Computer Science and Engineering

M.E Communication Systems

9. Fee

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

As per the norms of Government of Tamilnadu.

- Time schedule for payment of Fee for the entire Programme

The fee is to be paid by the students at the time of registration which is scheduled at the beginning of every year.

10. Admission

- Number of seats sanctioned with the year of approval

S. No.	Course(s)	AICTE Approved Intake for 2021-2012	Actual number of student admitted for 2021-2022	Status of Accreditation (Yes/No)
1	CSE	90	89	No
2	ECE	60	55	
3	EEE	60	33	
4	IT	60	60	
5	MECH	60	0	
6	M.E - CS	9	0	
7	M.E - CSE	18	2	
Total Intake		357	239	

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

Category	2018-19	2019-20	2020-21
OC	03	02	07
BC	111	121	78
MBC	33	56	48
SC	30	20	16
ST	0	0	01

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

S.No	Branch	2018-19	2019-20	2020-21
1	CIVIL	02	NA	NA
2	CSE	05	18	06
3	ECE	01	19	0
4	EEE	0	35	0
5	IT	04	09	0
6	Mech	01	33	01
7	MBA	30	28	0

8	M.E – CSE	0	2	0
9	M.E - CS	0	0	0

11. Admission Procedure

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

As per Government Norms

- Number of seats allotted to different Test Qualified candidate separately (AIEEE/CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)

Under Graduate:B.E/B.Tech :

65% of the seats are filled under to Government Quota and 35% of the seats are admitted by the consortium of under Management quota.

Post Graduate:M.E

50% of the seats are filled under to Government Quota and 50% of the seats are admitted by the consortium under Management quota.

- **Calendar for admission against Management/vacant seats:**
 - Last date of request for applications
 - As per the instructions of Directorate of Technical Education, Chennai
 - Last date of submission of applications
 - As per the instructions of Directorate of Technical Education
 - Dates for announcing final results
 - As published by Anna University, Chennai
 - Release of admission list (main list and waiting list shall be announced on the same day)
 - By Anna University, Chennai
 - Date for acceptance by the candidate (time given shall in no case be less than 15 days)
 - Fixed by Anna University, Chennai
 - Last date for closing of admission
 - As per the instruction of Directorate of Technical Education, Chennai
 - Starting of the Academic session
 - As per the instruction of Anna University, Chennai
 - The waiting list shall be activated only on the expiry of date of main list

- The policy of refund of the Fee, in case of withdrawal, shall be clearly notified
 - On no account fees once paid will not be refunded

12. Criteria and Weightages for Admission

Under-Graduate Degree Programmes:

SI	Type of the Programme	Duration (Full-time)	Minimum Qualifications for Admission
1.	Engineering & Technology	4 Years	Should be a pass in 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the following subjects: “Chemistry/Biotechnology/Computer Science/Biology”. Entrance Exam is compulsory which should be conducted by Govt. of Tamilnadu / Consortium of Self financing professional, Arts and science colleges in Tamilnadu
2		3 Years	A pass with prescribe minimum eligibility marks in any of the diploma in appropriate branch of engineering / Technology of the State Board of Technical Education and Training, Tamil Nadu / Equivalent prescribed for admission to the Degree Course.
3		2 Years	A pass in a recognised Bachelor’s degree of minimum 3 years duration with mathematics at 10+2 level or at Graduate level and obtained atleast 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examinations.

- Mention the minimum Level of acceptance, if any

In academic performances minimum criteria is specified by the Anna University, Chennai.

For communities other than the BC /MBC/DNC SC-ST – other communities
A minimum average of 50% in physics, chemistry and mathematics.

For BC communities:
A minimum average of 45% in physics, chemistry and mathematics.

For MBC & DNC communities:
A minimum average of 40% in physics, chemistry and mathematics

For SC & ST communities:
A minimum average of 40% in physics, chemistry and mathematics

- Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

Academic Year 2021-22

S.No	Dept.	OC		BC		BCM		MBC		SC		SCA	
		Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min
1	B.E.CSE	-	-	190	160.5	5	154	182	131	170	142	172	139
2	B.E.ECE	-	-	188	155.5	86	-	182.5	147	167.5	105	-	-
5	B.E.EEE	-	-	176.5	89	157.5	-	171.5	142.5	-	-	154	-
6	B.TECH IT	168.5	-	179	158.5	174	137.5	182.5	139	149.5	-	158.5	158
7	B.E.MECH	-	-	-	-	-	-	-	-	-	-	-	-

Academic Year 2020-21

S.No	Dept.	OC		BC		BCM		MBC		SC		SCA	
		Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min
1	B.E.CSE	152.7	97.5	160.5	81	-	-	189	80	115.5	88.5	99.5	84
2	B.E.ECE	104	-	135.5	86.5	156	-	187	106.5	109.5	-	117.5	83.5
5	B.E.EEE	89.5	-	99.5	80	-	-	98.5	82	-	-	-	-
6	B.TECH IT	118.5	-	125.5	85	-	-	118	80	88	84	115	93.5
7	B.E.MECH	-	-	132.5	80.5	81	-	130	105.5	-	-	-	-

Academic Year 2019-20

S.No	Dept.	OC		BC		BCM		MBC		SC		SCA	
		Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min	Max.	Min
1	B.E.CSE	-	-	165	133.67	167	162.5	175.5	104	152	100.5	109.5	90.5
2	B.E.ECE	125	-	173	89.5	138.5	105.5	143	84.5	100.5	-	142.5	93
5	B.E.EEE	-	-	165	106	-	-	151.5	82.5	109	83.5	118.5	107.5
6	B.TECH IT	-	-	169.5	108.5	109.5	-	131	88.5	125.5	-	112	-
7	B.E.MECH	-	-	161.5	100	-	-	116	101.5	106.5	-	103	-

13. List of Applicants

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

The Government quota based on single window allotment Management admission based on the merit list published by the consortium of self financing colleges based on rank list.

14. Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)

Published in Consortium of self financing colleges in Tamilnadu.

15. Information of Infrastructure and Other Resources Available

Particulars	Number of rooms		Carpet area of each room	
	Requirement as per norms	Available in the institution	Requirement as per norms	Available in the Institution (Sq.M)
Class Rooms – UG	18	18	66	1287
Class Rooms – PG	03	03	33	
Tutorial Hall – UG	3	3	33	132
Tutorial Hall - PG	1	1		
Drawing Hall (*)	1	1	132	132
Computer Centre	1	1	200	200
Library	1	1	400	460
Laboratories	34	34	2376	2376
Research Laboratories	2	2		
Workshops	3	3	600	600
Seminar Hall	1	1	132	132
Total				5319

- Barrier Free Built Environment for disabled and elderly persons : Available
- Hostel Facilities: Available
- **Library**

- Number of Library books/ Titles/ Journals available (Programme-wise)

Programme	Divisions - Entry Level (FY+SY) Direct	Number of Titles	Number of Volumes	Number of e Journals	Number of Projects
B.E. - CSE	2	2049	5060		146
B.Tech - IT	1	1143	3144		74
B.E. - ECE	2	1899	5212		125
B.E. - EEE	1	1200	3151		120
B.E. - Mech	2	1206	3725		67
B.E. - Civil	1	809	2313		62
S&H	–	1498	2112		
M.B.A	1	1790	5555		279
M.E. - CSE	1	339	934		137
M.E. - CE	1	347	863		93
Over All Dept.				3196	
Total	12	12280	32069	3196	1103
		e-books	8820		

S.No	Degree	Programme	No. of National journals	No. of International journals
1	B.E	ECE	6	6
2	B.E	EEE	6	6
3	B.E	CSE	6	6
4	B.Tech	IT	6	6
5	B.E	Mech	6	6
6	B.E	Civil	6	6
7	B.E / B.Tech	Sc & Hu	6	-
8	M.E	CSE	6	6
9	M.E	CS	6	6

- List of online National/ International Journals subscribed

1.IEEE - Institute of Electrical and Electronics Engineers (ASPP)

2.J-Gate: Engineering & Technology

3.DELNET : Business Administration

- E- Library facilities: <https://nctcl3.webnode.com>

- E – Books:**

1.J-Gate: Engineering & Technology

2.DELNET : Business Administration

- Laboratory and Workshop**

- List of Major Equipment/Facilities in each Laboratory/Workshop
- List of Experimental Setup in each Laboratory/Workshop

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
1	B.E	General Engineering	1	2017	GE8161 PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	Server with Python (3 interpreter for Windows/Linux)	1
2	B.E	General Engineering	1	2017	GE8161 PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	Standalone desktops with Python (3 interpreter for Windows/Linux)	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
3	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Multi Meters	10
4	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Moulding table, foundry tools	2
5	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Models of industrial trusses, door joints, furniture joints	5
6	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Megger (250V/500V)	1
7	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Hearth furnace, anvil and smithy tools	2
8	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(f) Jigsaw	2
9	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Electrical measuring instruments	10
10	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(e) Hand Drilling Machine	2
11	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(d) Planer	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
12	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit.	2
13	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(b) Demolition Hammer	2
14	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Assorted electronic components for making circuits	50
15	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Assorted electrical components for house wiring	15
16	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Assorted components for plumbing Consisting of metallic pipes, plastic pipes, flexible pipes, couplings, unions, elbows, plugs and other fittings.	15
17	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Arc welding transformer with cables and holders	5
18	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Power Tool: Angle Grinder	2
19	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Power Tools: (a) Range Finder	2
20	B.E	General Engineering	2	2017	GE8261 ENGINEERING	Power Tools: (a) Rotary Hammer	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					PRACTICES LABORATORY		
21	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Small PCBs	10
22	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Soldering guns	10
23	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Standard woodworking tools	15
24	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study-purpose items: centrifugal pump, air-conditioner	1
25	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study purpose items: Iron box, fan and regulator, emergency lamp	1
26	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study purpose items: Telephone, FM radio, low-voltage power supply	5
27	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Welding accessories like welding shield, chipping hammer, wire brush, etc.	5
28	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Welding booth with exhaust facility	5
29	B.E	General Engineering	2	2017	GE8261 ENGINEERING	Centre lathe	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			NG PRACTICES LABORATORY		
30	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(c) Circular Saw	2
31	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Carpentry vice (fitted to work bench)	15
32	B.E	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(b) Digital Live-wire detector	2
33	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Spectrophotometer	2
34	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Potentiometer	10
35	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	pH Meter	10
36	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Home Photometer	2
37	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Electronic Balance	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
38	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Conductivity Meter	10
39	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Young's modulus by non-uniform bending method	6
40	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	wavelength of mercury spectrum - spectrometer grating	6
41	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	wavelength, and particle size using Laser, angle in an optical fiber	6
42	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Viscometer	10
43	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	velocity of sound and compressibility of liquid-Ultrasonic interferometer	8
44	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Torsion pendulum	6
45	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	thickness of a thin wire-Air wedge method	6
46	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	band gap of a semiconductor	6

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
47	B.E	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	thermal conductivity of bad conductor- Lee's Disc	6
48	B.E	Computer Science and Engineering	2	2017	CS8261 C PROGRAMMING LABORATORY	Systems with Linux Operating System with gnu compiler	30
49	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	A.C. Signal Generators	4
50	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Ammeter A.C and D.C	20
51	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Cathode Ray Oscilloscopes	4
52	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL	D. C. Motor Generator Set	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					L, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY		
53	B.E .	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	D.C. Shunt Motor	2
54	B.E .	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Dual Regulated power supplies	6
55	B.E .	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Resistors & Breadboards	20
56	B.E .	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION	Single Phase Induction Motor	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					ENGINEERING LABORATORY		
57	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Single Phase Transformer	2
58	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Transistors (BJT, JFET)	20
59	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Voltmeters A.C and D.C	20
60	B.E	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATORY	Watt meters LPF and UPF	4

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
61	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Arc welding transformer with cables and holders	2
62	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Vertical Milling Machine	1
63	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Sheet metal forming tools and equipments	2
64	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Shaper	1
65	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit	1
66	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Moulding table, Moulding equipments	2
67	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Horizontal Milling Machine	1
68	B.E	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY	Centre Lathes	7

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					GY LABORATORY I		
69	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase Squirrel cage Induction motor	1
70	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase synchronous motor	1
71	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase Slip ring Induction motor	1
72	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase alternator	2
73	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Single phase transformer	2
74	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC shunt motor-DC Shunt Generator set	1
75	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Shunt motor-DC Series Generator set	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
76	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Shunt motor	2
77	B.E	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Series motor	1
78	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Gear Hobbling Machine	1
79	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Milling Tool Dynamometer	1
80	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	lathe Tool Dynamometer	1
81	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Center less grinding machine	1
82	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	CNC Lathe	1
83	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	CNC milling machine	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					GY LABORATORY II		
84	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Cylindrical Grinding Machine	1
85	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Radial Drilling Machine	1
86	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Gear Shaper machine	1
87	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Horizontal Milling Machine	2
88	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Vertical Milling Machine	1
89	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Turret and Capstan Lathes	1
90	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Tool Makers Microscope	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
91	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Tool and cutter grinder	1
92	B.E	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Surface Grinding Machine	1
93	B.E	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Rotameter setup	1
94	B.E	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Torsion Testing Machine (60 NM Capacity)	1
95	B.E	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Universal Tensile Testing machine with double 1 shear attachment 40 Ton Capacity	1
96	B.E	Mechanical Engineering	4	2017	CE8381 STRENGTH OF	Venturi meter setup	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY		
97	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Francis turbine setup	1
98	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Gear pump setup	1
99	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Impact Testing Machine (300 J Capacity)	1
100	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND	Kaplan turbine setup	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					MACHINERY LABORATORY		
101	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Metallurgical Microscopes	3
102	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Muffle Furnace (800 C)	1
103	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Orifice meter setup	1
104	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Pelton wheel setup	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
105	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Pipe Flow analysis setup	1
106	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Reciprocating pump setup	1
107	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Rockwell Hardness Testing Machine	1
108	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Spring Testing Machine for tensile and compressive loads (2500 N)	1
109	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND	Brinell Hardness Testing Machine	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					FLUID MECHANICS AND MACHINERY LABORATORY		
110	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Centrifugal pump/submersible pump setup	1
111	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Kinematic Models to study various mechanisms	1
112	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Motorised gyroscope	1
113	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Spring mass vibration system	1
114	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Torsional Vibration of single rotor system setup	1
115	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Transverse vibration setup of cantilever	1
116	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS	Turn table apparatus	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					LABORATORY		
117	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Two rotor vibration setup	1
118	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Whirling of shaft apparatus	1
119	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Cam follower setup	1
120	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Governor apparatus - Watt, Porter, Proell and Hartnell governors	1
121	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Gear Models	1
122	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Dynamic balancing machine	1
123	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Pin-fin apparatus	1
124	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Composite wall apparatus	1
125	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING	Data Acquisition system with any one of the above engines	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			NG LABORATORY		
126	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Emissivity measurement apparatus	1
127	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Forced convection inside tube apparatus	1
128	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Guarded plate apparatus	1
129	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	I.C Engine 2 stroke and 4 stroke model	1
130	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Lagged pipe apparatus	1
131	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Multi-cylinder Petrol Engine	1
132	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Natural convection-vertical cylinder apparatus	1
133	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with electrical loading	1
134	B.E.	Mechanical	5	2017	ME8512 THERMAL	4-stroke Diesel Engine with hydraulic loading	1

SL.N o	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Engineering			ENGINEERING LABORATORY		
135	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with mechanical loading	1
136	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Air-conditioning test rig	1
137	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Apparatus for Flash and Fire Point	1
138	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Parallel/counter flow heat exchanger apparatus	1
139	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Refrigeration test rig	1
140	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Single cylinder Petrol Engine	1
141	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Single/two stage reciprocating air compressor	1
142	B.E.	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Steam Boiler with turbine setup	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
143	B.E	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Stefan-Boltzmann apparatus	1
144	B.E	Mechanical Engineering	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Thermal conductivity of insulating powder apparatus	1
145	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Slip Gauge Set	1
146	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Surface finish measuring equipment	1
147	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Telescope gauge	1
148	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Temperature Measuring Setup	1
149	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Torque Measuring Setup	1
150	B.E	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Vernier Caliper	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
151	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Vernier depth Gauge	2
152	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Vernier Height Gauge	2
153	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Bore gauge	1
154	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Coordinate measuring machine	1
155	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Floating Carriage Micrometer	1
156	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Force Measuring Setup	1
157	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Gear Tooth Vernier	1
158	B.E.	Mechanical	5	2017	ME8513 METROLOGY	Mechanical / Electrical / Pneumatic Comparator	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Engineering			Y and MEASUREMENTS LABORATORY		
159	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Micrometer	5
160	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Parallel / counter flow heat exchanger apparatus	1
161	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Profile Projector / Tool Makers Microscope	1
162	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Sine Bar	1
163	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Autocollimator	1
164	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	CNC milling machine	1
165	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Computer nodes or systems (High end CPU with atleast 1 GB main memory) networked to the server	30
166	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Computer Server	1
16	B.E.	Mechan	6	2017	ME8681	Laser Printer	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
7	.	ical Engineering			CAD/CAM LABORATORY		
168	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	A3 size plotter	1
169	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Any High end integrated modeling and manufacturing CAD / CAM software	15
170	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Licensed operating system	30
171	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	CAM Software for machining centre and turning centre (CNC Programming and tool path simulation for FANUC / Sinumeric and Heidenhain controller)	30
172	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	CNC Lathe	1
173	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Support for CAPP	30
174	B.E.	Computer Science and Engineering	3	2017	CS8381 DATA STRUCTURES LABORATORY	Systems with Linux Operating System with gnu compiler	30
175	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Software: HDL simulator	30
176	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Digital trainer kits	30
177	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Digital ICs	30
178	B.E.	Computer	3	2017	CS8383 OBJECT	Systems with either Netbeans or Eclipse	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Science and Engineering			ORIENTED PROGRAMMING LABORATORY		
179	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Systems with MySql	30
180	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Server	1
181	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Visual Studio	30
182	B.E.	Computer Science and Engineering	5	2017	CS8581 NETWORKS LABORATORY	Standalone Desktops	30
183	B.E.	Computer Science and Engineering	5	2017	CS8581 NETWORKS LABORATORY	C / C++ / Java / Python / Equivalent Compiler Network Simulator like NS2 / Glomosim / OPNET / Packet Tracer / Equivalent	30
184	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5
185	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Stepper motor control interfacing compatible with 8086 & 8051 kits	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
186	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Traffic light control interfacing card compatible with 8086 & 8051 kits	5
187	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8086 Microprocessor trainer kit with power supply	15
188	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8051 Microcontroller trainer kit	15
189	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Keyboard & Display interface board compatible with 8086 & 8051 kits	5
190	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Printer interfacing card compatible with 8086 & 8051 kits	5
191	B.E.	Computer Science and Engineering	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5
192	B.E.	Computer	5	2017	EC8681 MICROPRO	Digital clock interfacing board compatible with 8086 & 8051 kits	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Science and Engineering			CESSOR AND MICROCONTROLLER LABORATORY		
193	B.E.	Computer Science and Engineering	4	2017	CS8461 OPERATING SYSTEMS LABORATORY	Systems with Linux OS and GNU Computer	30
194	B.E.	Computer Science and Engineering	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	Rational Suite (User License)	30
195	B.E.	Computer Science and Engineering	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	Open Source Alternatives: ArgoUML, StarUML, Visual Paradigm (or) Equivalent Eclipse IDE and Junit	30
196	B.E.	Computer Science and Engineering	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	PCs	30
197	B.E.	Computer Science and Engineering	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Server (Web Server)	1
198	B.E.	Computer Science and Engineering	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Systems	30
199	B.E.	Computer Science and Engineering	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Java/JSP/ISP Webserver/Apache Tomcat / MySQL / Dreamweaver or Equivalent, WAMP/XAMP	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			RY		
200	B.E.	Computer Science and Engineering	6	2017	CS8662 MOBILE APPLICATION DEVELOPMENT LABORATORY	Standalone desktops with Windows or Android or iOS or Equivalent Mobile Application Development Tools with appropriate emulators and debuggers	30
201	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Function Generators(3MHz)	10
202	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	CRO(30MHz)	15
203	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Bread Boards	15
204	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	BC107,BC148,2N2646,BFW10	25
205	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Resistors, Capacitors, Inductors-	100
206	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	IN4007,Zener diodes	25
207	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Dual Regulated power Supplies(0-30V)	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
208	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Seven segment display	15
209	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Transistor/FET (BJT-NPN-PNP and NMOS/PMOS)	50
210	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Standalone desktop PCs with SPICE software	15
211	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Signal Generator /Function Generators (3 MHz)	15
212	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Resistors, Capacitors, Inductors	50
213	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Multimeter	15
214	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	IC Trainer Kit	15
215	B.E.	Electronics and Communication	3	2017	EC8361 ANALOG AND DIGITAL	ICs 7400/ 7402 / 7404 / 7486 / 7408 / 7432 / 7483 / 74150 / 74151 / 74147 / 7445 / 7476/7491/ 555 / 7494 / 7447 / 74180 / 7485 / 7473 / 74138 / 7411 /	50

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Engineering			CIRCUITS LABORATORY	7474	
216	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Diodes, Zener diode	10
217	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	CRO (30MHz)	15
218	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Computer with HDL software	15
219	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Bread Boards	15
220	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Dual Regulated Power Supplies (0 - 30V)	15
221	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Dual power supply/single mode power supply	15
222	B.E.	Electronics and Communication Engineering	3	2017	EC8381 FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY	Standalone desktops (or) Server supporting with C compiler	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
223	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Dual Regulated Power Supplies (0 - 30V)	15
224	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Signal Generator /Function Generators (2 MHz)	15
225	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	SPICE Circuit Simulation Software (any public domain or commercial software)	15
226	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Standalone desktops PC	15
227	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Transistor/FET (BJT-NPN-PNP and NMOS/PMOS)	50
228	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Transistors, Resistors, Capacitors, Inductors, diodes, Zener Diodes, Bread Boards, Transformers	50
229	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION	Digital Multimeter	15

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			N LABORATORY		
230	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	CRO (Min 30MHz)	15
231	B.E.	Electronics and Communication Engineering	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Digital LCR Meter	2
232	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	IC tester	5
233	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Dual Regulated Power Supplies (0 - 30V)	15
234	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Digital Multimeter	15
235	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Signal Generator /Function Generators (2 MHz)	15
236	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Standalone desktops PC	15

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
237	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	CRO /DSO (Min 30MHz)	15
238	B.E.	Electronics and Communication Engineering	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Transistors, Resistors, Capacitors, diodes, Zener diodes, Bread Boards, Transformers, wires, Power transistors, Potentiometer, A/D and D/A convertors, LEDs	50
239	B.E.	Electronics and Communication Engineering	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	CRO (20MHz)	20
240	B.E.	Electronics and Communication Engineering	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	MATLAB with Simulink and Signal Processing Tool Box or Equivalent Software in desktop systems	15
241	B.E.	Electronics and Communication Engineering	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	Signal Generators (1MHz)	20
242	B.E.	Electronics and Communication Engineering	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	PCs with Fixed / Floating point DSP Processors (Kit / Add-on Cards)	15
243	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Kits for Signal Sampling, TDM, AM, FM, PCM, DM and Line Coding Schemes, Error control code	14
244	B.E.	Electronics and Commu	5	2017	EC8561 COMMUNICATION	CROs	15

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		nication Engineering			SYSTEMS LABORATORY		
245	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	DSO	4
246	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	MATLAB/SCILAB or equivalent software package for simulation experiments	20
247	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	MSO	4
248	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Patch cords	100
249	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	PCs	20
250	B.E.	Electronics and Communication Engineering	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Probes(CRO)	30
251	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5
252	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER	Stepper motor control interfacing compatible with 8086 & 8051 kits	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					LABORATORY		
253	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Traffic light control interfacing card compatible with 8086 & 8051 kits	5
254	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8051 Microcontroller trainer kit	15
255	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8086 Microprocessor trainer kit with power supply	15
256	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5
257	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Digital clock interfacing board compatible with 8086 & 8051 kits	5
258	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Keyboard & Display interface board compatible with 8086 & 8051 kits	5
259	B.E.	Electronics and	6	2017	EC8681 MICROPRO	Printer interfacing card compatible with 8086 & 8051 kits	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Communication Engineering			CESSOR AND MICROCONTROLLER LABORATORY		
260	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	PCs	30
261	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	C / Python / Java / Equivalent Compiler	30
262	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	Standard LAN Trainer Kits	4
263	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	Qualnet /Optisim /Matlab /NS2/ Netsim	30
264	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Personal Computer	30
265	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Xilinx/Altera/equivalent FPGA Boards	10
266	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Xilinx ISE/Altera Quartus/ equivalent EDA Tools	10
267	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Cadence/Synopsis/ Mentor Graphics/Tanner/equivalent EDA Tools	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring					
268	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Trainer kit for analyzing Analog and Digital link performance, 2 Mbps PRBS Data source, 10 MHz signal generator, 20 MHz Digital storage Oscilloscope	2
269	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Software Define Radio Transceiver Platform with antennas and accessories	2
270	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Trainer kit for determining the mode characteristics, losses in optical fiber	2
271	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Advanced Optical fiber trainer kit for PC to PC communication, BER Measurement, Pulse broadening	2
272	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Digital Communications Teaching Bundle (LabVIEW/MATLAB/Equivalent software tools)	10
273	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Kit for measuring Numerical aperture and Attenuation of fiber	2
274	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	LEDs with ST/SC/E2000 receptacles - 650 / 850 nm	2
275	B.E.	Electronics and	7	2017	EC8761 ADVANCE	MM/SM Glass and plastic fiber patch chords with ST/SC/E2000 connectors	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Communication Engineering			D COMMUNICATION LABORATORY		
276	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	PIN PDs with ST / SC / E2000 receptacles - 650 / 850 nm	2
277	B.E.	Electronics and Communication Engineering	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Trainer kit for carrying out LED and PIN diode characteristics, Digital multi meter, optical power meter	2
278	B.Tech.	Information Technology	3	2017	CS8382 DIGITAL SYSTEMS LABORATORY	Digital trainer kits	30
279	B.Tech.	Information Technology	3	2017	CS8382 DIGITAL SYSTEMS LABORATORY	Digital Ics	30
280	B.Tech.	Information Technology	3	2017	CS8382 DIGITAL SYSTEMS LABORATORY	Software: HDL simulator	30
281	B.Tech.	Information Technology	3	2017	CS8381 DATA STRUCTURES LABORATORY	Systems with Linux Operating System with gnu compiler	30
282	B.Tech.	Information Technology	3	2017	CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY	Systems with either Netbeans or Eclipse	30
283	B.Tech.	Information Technology	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Visual Studio	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
284	B.Tech.	Information Technology	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Systems with MySql	30
285	B.Tech.	Information Technology	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Server	1
286	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Traffic light control interfacing card compatible with 8086 & 8051 kits	5
287	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5
288	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Printer interfacing card compatible with 8086 & 8051 kits	5
289	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Keyboard & Display interface board compatible with 8086 & 8051 kits	5
290	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCON	Digital clock interfacing board compatible with 8086 & 8051 kits	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					TROLLER LABORATORY		
291	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5
292	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8086 Microprocessor trainer kit with power supply	15
293	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8051 Microcontroller trainer kit	15
294	B.Tech.	Information Technology	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Stepper motor control interfacing compatible with 8086 & 8051kits	5
295	B.Tech.	Information Technology	4	2017	CS8461 OPERATING SYSTEMS LABORATORY	Systems with Linux OS and GNU Computer	30
296	B.Tech.	Information Technology	2	2017	IT8211 Information Technology Essentials Laboratory	XAMPP Webserver	1
297	B.Tech.	Information Technology	2	2017	IT8211 Information Technology Essentials Laboratory	Mobile App Development tool (Like app Inventor)	1
298	B.Tech.	Information Technology	2	2017	IT8211 Information Technology	PC with Linux/Windows/Solaris/Mac OSX operating system	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ogy			Essentials Laboratory		
299	B.Tech.	Information Technology	5	2017	CS8581 NETWORKS LABORATORY	Standalone Desktops	30
300	B.Tech.	Information Technology	5	2017	CS8581 NETWORKS LABORATORY	C / C++ / Java / Python / Equivalent Compiler Network Simulator like NS2 / Glomosim / OPNET / Packet Tracer / Equivalent	30
301	B.Tech.	Information Technology	5	2017	IT8511 WEB TECHNOLOGY LABORATORY	Standalone desktops	30
302	B.Tech.	Information Technology	5	2017	IT8511 WEB TECHNOLOGY LABORATORY	Dream Weaver or Equivalent, MySQL or Equivalent, Apache Server, WAMP/XAMPP	30
303	B.Tech.	Information Technology	6	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	ArgoUML,StarUML, Visual Paradigm (Or) Equivalent Eclipse IDE and Junit	30
304	B.Tech.	Information Technology	6	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	PCs	30
305	B.Tech.	Information Technology	6	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	Rational Suite (User License)	30
306	B.Tech.	Information Technology	6	2017	CS8662 MOBILE APPLICATION DEVELOPMENT LABORATORY	Standalone desktops with Windows or Android or iOS or Equivalent Mobile Application Development Tools with appropriate emulators and debuggers	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
307	B.Tech.	Information Technology	2	2017	CS8261 C PROGRAMMING LABORATORY	Systems with Linux Operating System with gnu Compiler	30
308	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Printer	1
309	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Oscilloscope (20 MHz).	10
310	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Multi-meters	10
311	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Regulated Power Supply: 0 - 15 V D.C	10
312	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Function Generator (1 MHz)	10
313	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	e-Sim/Scilab/Pspice / Matlab /other Equivalent software Package)	10
314	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Digital Storage Oscilloscope (20 MHz)	1
315	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Decade Resistance Box, Decade Inductance Box, Decade Capacitance Box (Each)	6

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
316	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Circuit Connection Boards	10
317	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Ammeters	10
318	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	AC/DC - Voltmeters	10
319	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Single Phase Wattmeter	3
320	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Single Phase Energy Meter	1
321	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	PC With Circuit Simulation Software (10 Users)	10
322	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Semiconductor devices like Diode, Zener Diode, NPN Transistors, JFET, UJT, Photo diode, Photo Transistor	10
323	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Resistors, Capacitors and inductors	10
324	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Regulated 3 output Power Supply 5 +_ 15V	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring					
325	B.E	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Necessary digital IC 8	10
326	B.E	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Storage Oscilloscope	1
327	B.E	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Bread boards	10
328	B.E	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	CRO	10
329	B.E	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Function Generators	10
330	B.E	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Capacitor	10
331	B.E	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	LED	10
332	B.E	Electrical and Electron	4	2017	EE8461 LINEAR AND	LM317	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ics Engineering			DIGITAL INTEGRATED CIRCUITS LABORATORY		
333	B.E .	Electric al and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	LM723	10
334	B.E .	Electric al and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Potentiometer	10
335	B.E .	Electric al and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Resistors 1/4 Watt Assorted	10
336	B.E .	Electric al and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Single Strand Wire	10
337	B.E .	Electric al and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Step-down transformer 230V/12-0-12V	10
338	B.E .	Electric al and	4	2017	EE8461 LINEAR	Transistor - 2N3391	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Electronics Engineering			AND DIGITAL INTEGRATED CIRCUITS LABORATORY		
339	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Zener diodes	10
340	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	CRO	9
341	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Computer (PSpice installed)	1
342	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	IC Tester (Analog)	2
343	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Diodes, IN4001, BY126	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
344	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Digital Multimeter	10
345	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Digital IC types	10
346	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Bread board	10
347	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	ICSG3524 / SG3525	10
348	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Dual ,(0-30V) variable Power Supply	10
349	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	IC 741/ IC NE555/566/565	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
350	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Function Generator	8
351	B.E.	Electrical and Electronics Engineering	5	2017	CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY	Systems with either Netbeans or Eclipse	30
352	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Tachometer -Digital/Analog	8
353	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Compound motor with loading arrangement	1
354	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Series Motor with Loading Arrangement	1
355	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With DC Compound Generator	2
356	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With DC Shunt Generator	2
357	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With Three phase Alternator	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			RY I		
358	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor with Loading Arrangement	3
359	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Auto Transformer	2
360	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Induction Motor with Loading Arrangement	1
361	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Resistive Loading Bank	2
362	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Transformer	4
363	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Auto Transformer	1
364	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Induction Motor with Loading Arrangement	2
365	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Resistive Loading Bank	2
366	B.E.	Electrical and Electron	5	2017	EE8511 CONTROL AND	2MHz Function Generator	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ics Engineering			INSTRUMENTATION LABORATORY		
367	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	R, L, C Bridge kit (with manual)	1
368	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Position Control Systems Kit (with manual)	1
369	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	PID controller simulation and learner kit	1
370	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Personal computers with control system simulation packages	10
371	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Optical sensor	1
372	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	LVDT 20mm core length movable type	1
373	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Instrumentation Amplifier kit	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
374	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	IC trainer kit	1
375	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	DSO for capturing transience	1
376	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Electric heater	1
377	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Air foot pump (with necessary connecting tubes)	1
378	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Current generator (0- 20mA)	1
379	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	DC motor - Generator test set-up for evaluation of motor parameters	1
380	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Digital multi meters, speed and torque sensors	10
381	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Watt-hour meter (energy meter)	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Engineering			NTATION LABORATORY		
382	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Voltmeter Rheostat Stop watch Connecting wires	20
383	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Thermometer	1
384	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Thermistor (silicon type) RTD nickel type	1
385	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Tacho Generator Coupling set	1
386	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Strain Gauge Kit with Handy lever beam	1
387	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	100gm weights	10
388	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Single phase Auto transformer	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
389	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	AC Synchro transmitter & receiver	1
390	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	30 psi Pressure chamber (complete set)	1
391	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Flow measurement Trainer kit (1/2 HP Motor, Water tank, Digital Milliammeter, complete set)	1
392	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Analog - Digital and Digital - Analog converters (ADC and DACs)	1
393	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	CRO 30MHz	1
394	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	CRO 30MHZ	1
395	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	DC Shunt Motor Coupled With Three phase Slip ring Induction motor	1
396	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY	Single Phase Auto Transformer	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			RY II		
397	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Single Phase Induction Motor with Loading Arrangement	2
398	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Single Phase Resistive Loading Bank	2
399	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Synchronous Induction motor 3HP	1
400	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Tachometer -Digital/Analog	8
401	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Three Phase Auto Transformer	3
402	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Three Phase Induction Motor with Loading Arrangement	2
403	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	DC Shunt Motor Coupled With Three phase Alternator	4
404	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Capacitor Bank	1
405	B.E.	Electrical and Electron	4	2017	EE8411 ELECTRICAL	Three Phase Resistive Loading Bank	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ics Engineering			MACHINES LABORATORY II		
406	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Isolation Transformer	5
407	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Work tables	10
408	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Switched mode power converter module/Discrete Component	2
409	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	SinglephaseSCRbasedhalfcontrolledconverterandfullycontrolledconverteralong with built-in/separate/firing circuit/module and meter	2
410	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Single phase Auto transformer	3
411	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	SCR & TRIAC based 1 phase AC controller along with lamp or rheostat load	2
412	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Rheostats of various ranges	2

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
413	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Multimeter	5
414	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	MOSFET based step up and step down choppers(Built in/ Discrete)	1
415	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	LCR meter	3
416	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	IGBT based three phase PWM inverter module/Discrete Component	2
417	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	IGBT based single phase PWM inverter module/Discrete Component	2
418	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Dual regulated Dc power supply with common ground	5
419	B.E	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Device characteristics(for SCR, MOSFET, TRIAC,GTO,IGCT and IGBT kit with builtin / discrete power supply and meters)	2
420	B.E	Electrical and Electronics	6	2017	EE8661 POWER ELECTRONICS AND	DC and AC meters of required ranges	20

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Engineering			DRIVES LABORATORY		
421	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Cyclo converter kit with firing module	1
422	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Components (Inductance, Capacitance)	3
423	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Cathode ray Oscilloscope	10
424	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8254 timer counter	5
425	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	ADC and DAC card	5
426	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8255 Interface board	5
427	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCON	8259 Interface board	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ring			TROLLERS LABORATORY		
428	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8279 Keyboard / Display Interface board	5
429	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8051 Micro Controller Trainer Kit with power supply	15
430	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8085 Microprocessor Trainer with Power Supply	15
431	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8251 Interface board	5
432	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	Traffic Light Control System	5
433	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	AC & DC motor with Controller	5
434	M.E.	Communication	1	2017	CU5161 Communication	Vector Network Analyzer (min 1GHz)	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Systems			on Systems Laboratory		
435	M.E.	Communication Systems	1	2017	CU5161 Communication Systems Laboratory	DSP Processor kit	2
436	M.E.	Communication Systems	1	2017	CU5161 Communication Systems Laboratory	SDR Kit	1
437	M.E.	Communication Systems	1	2017	CU5161 Communication Systems Laboratory	Micro strip Device (Compatible with source & measuring instruments) Couplers, Antennas, Filters	1
438	M.E.	Communication Systems	1	2017	CU5161 Communication Systems Laboratory	PC with Matlab / Scilab / equivalent software (user license)	10
439	M.E.	Communication Systems	1	2017	CU5161 Communication Systems Laboratory	Spectrum Analyzer (min 1GHz)	1
440	M.E.	Computer Science and Engineering	1	2017	CP5161 Data Structures Laboratory	Systems with Linux Operating System with C/C++ Compiler	25
441	M.E.	Computer Science and Engineering	2	2017	CP5261 DATA ANALYTICS LABORATORY	Map Reduce	25
442	M.E.	Computer Science and Engineering	2	2017	CP5261 DATA ANALYTICS LABORATORY	Hadoop / HOFD	25
443	M.E.	Computer Science and Engineering	2	2017	CP5261 DATA ANALYTICS LABORATORY	Big data tools	25

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
444	M.E.	Computer Science and Engineering	2	2017	CP5261 DATA ANALYTICS LABORATORY	Machines Windows 7/8	25
445	M.E.	Communication Systems	2	2017	CU5211 RF SYSTEM DESIGN LABORATORY	Inductor, Capacitor, matching circuits, filters capable of operating at 500 MHz or above	10
446	M.E.	Communication Systems	2	2017	CU5211 RF SYSTEM DESIGN LABORATORY	ADS/IE3D/HFSS or any similar / equivalent Electromagnetic Simulation tool for Design experiments	10
447	M.E.	Communication Systems	2	2017	CU5211 RF SYSTEM DESIGN LABORATORY	Desktop PCs for hosting Electromagnetic simulation tool	10
448	M.E.	Communication Systems	2	2017	CU5211 RF SYSTEM DESIGN LABORATORY	Network analyser Equipment - 1.5 GHz (Minimum)	1
449	B.E.	Computer Science and Engineering	7	2017	IT8761 SECURITY LABORATORY	PCs	30
450	B.E.	Computer Science and Engineering	7	2017	IT8761 SECURITY LABORATORY	C/C++/Java or equivalent compiler GnuPG, snort, N-Stalker or Equivalent	30
451	B.E.	Computer Science and Engineering	7	2017	CS8711 CLOUD COMPUTING LABORATORY	Virtual box, VMware Workstation, Cloud Environment Creation, Openstack, Hadoop, Coludism, GAE launcher	30
452	B.E.	Electronics and Communication Engineering	7	2017	EC8711 EMBEDDED LABORATORY	Adequate quantities of Hardware, software and consumables	10
453	B.E.	Electronics and Commu	7	2017	EC8711 EMBEDDED LABORATO	Embedded trainer kits suitable for wireless communication	10

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Communication Engineering			RY		
454	B.E.	Electronics and Communication Engineering	7	2017	EC8711 EMBEDDED LABORATORY	Embedded trainer kits with ARM board	10
455	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Printer laser	1
456	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Compilers C,C++,VB,VC++	30
457	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Server (Intel i5,80GB,2GBRAM) (High speed processor)	1
458	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Dot matrix	1
459	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Personal computers(Intel i3, 80GB, 2GBRAM)	30
460	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Power System simulation software	5
461	B.Tech.	Information	7	2017	IT8761 SECURITY	Standalone desktops	30

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		Technology			LABORATORY		
462	B.Tech.	Information Technology	7	2017	IT8761 SECURITY LABORATORY	C/C++/Java or equivalent compiler GnuPG, Snort, N-Stalker or Equivalent	30
463	B.Tech.	Information Technology	7	2017	IT8711 FOSS AND CLOUD COMPUTING LABORATORY	PC with latest version	30
464	B.Tech.	Information Technology	7	2017	IT8711 FOSS AND CLOUD COMPUTING LABORATORY	Cloud tools from free of open source like open nebula, open stack, Eucalyptus software	30
465	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Multibody Dynamic software suitable for Mechanism simulation and analysis	15
466	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Color Desk Jet Printer	1
467	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Computer Work Station	15
468	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	C/MATLAB	5
469	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	8051 - Microcontroller kit with stepper motor and drive circuit sets	2
470	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Image processing system with hardware & software	1

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
					RY		
471	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Hydraulics and Pneumatics systems simulation software	1
472	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Basic Pneumatic Trainer kit with manual and electrical controls/PLC control each	1
473	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Basic Hydraulic Trainer kit	1
474	B.E.	Mechanical Engineering	3	2017	ME8381 Computer Aided Machine Drawing	Assembly drawings using any 2D/3D CAD software	125
475	B.E.	Mechanical Engineering	3	2017	ME8381 Computer Aided Machine Drawing	Printer	1
476	B.E.	Mechanical Engineering	3	2017	ME8381 Computer Aided Machine Drawing	Computers with necessary accessories	30
477	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Micro Wind Energy Generator module	1
478	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Personal computers(Intel i3, 80GB, 2GBRAM)	15
479	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	PV Emulator	1
480	B.E.	Electrical and Electron	7	2017	EE8712 RENEWABLE ENERGY	Potentiometer	5

SL No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Available
		ics Engineering			SYSTEMS LABORATORY		
481	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Step-down transformer 230v/12-0-12v	5
482	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Battery storage system with charge and discharge control 40Ah	1
483	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	PV panels-100W, 24V	1
484	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	CRO 30MHz	9
485	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Digital Multimeter	10

• Computing Facilities

Sl.No.	Course Type	Total Student	Number of Terminals with p4 processor or higher	Number of Terminals On LAN/WAN	Number of Printers
1	B.E.	1260	247	247	15
2	B.Tech.	240	40	40	2
3	M.E.	54	14	14	1

Software required	Name of the software available
System software -(Three)	1. RED HAT LINUX 2. UBUNTU 3. WINDOWS XP 4. TURBO C

Application Software -(Twenty)	1. DSKTP ALL LANGUAGE LIC 2. PUBLISHER WIN 32 ALL LANGUAGES LIC 3. SQL CAL ALL LANGUAGES LIC 4. VISUAL STUDIO PRO ALL LANGUAGES LIC 5. SQL SERVER STD ALL LANGUAGES LIC 6. EXCHANGE SERVER ALL LANGUAGES LIC 7. WINDOWS SERVER STD ALL LANGUAGES LIC 8. WIN TRML SVCS CALL ALL LANGUAGES LIC 9. JAVA 10. TALLY 11. TORA 12. SPSS 13. AGRO UML 14. MATLAB 15. NS2 16. PHYTHON 17. ANDROID STUDIO 18. TURBO C 19. NET BEANS 20. MI POWER 21. AUTODESK INVENTOR 22. EDGE CAM 23. NC VERIFY 24. AUTODESK MECHANICAL SIMULATION 25. AUMATION STUDIO 26. UBUNTU
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- Innovation Cell : Available
- Social MediaCell : Available
- **List of facilities available**
 - Games and Sports Facilities :Available
 - Extra-Curricular Activities: NSS, YRC, LEO CLUB, I CLUB, JCI CLUB
- Soft Skill Development Facilities: Available
- **Teaching LearningProcess**
 - Curricula and syllabus for each of the Programmes as approved by the University
Link : www.annauniv.ac.in
 - Academic Calendar of the University
Link : www.annauniv.ac.in
 - Internal Continuous Evaluation System and place:IQAC Cell
- **For each Post Graduate Courses give the following:**
 - Title of the Course
 - 1.M.E(Communication Systems)
 - 2.M.E(Computer Science and Engineering)

- Curricula and Syllabi
Link : www.annauniv.ac.in
- Laboratory facilities exclusive to the Post Graduate Course: Available

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

S.No	Department	Batch	Total Class Strength	Total Placement Willing	Total Placed	Total Percentage	Minimum Pay	Maximum Pay
1	CSE	2020	78	34	31	91.18	1.14 LPA	4LPA
		2021	79	31	21	67.74	1.14 LPA	4LPA
		2022	57	35	31	88.57	3.5 LPA	7.1 LPA
2	IT	2020	34	13	12	92.31	1.14 LPA	4LPA
		2021	40	14	10	71.43	1.14 LPA	4LPA
		2022	32	17	17	100.00	3.5 LPA	5.5 LPA
3	ECE	2020	66	32	29	90.63	1.58 LPA	4 LPA
		2021	82	33	31	93.94	1.6 LPA	3.8 LPA
		2022	33	19	19	100.00	1.69 LPA	4.2 LPA
4	MECH	2020	78	37	34	91.89	1.2 LPA	3.37 LPA
		2021	73	36	27	75.00	1.44 LPA	3 LPA
		2022	28	26	25	96.15	1.69 LPA	2.06 LPA
5	EEE	2020	44	30	13	43.33	1.2 LPA	3.0 LPA
		2021	50	37	36	97.30	1.6 LPA	4.5 LPA
		2022	16	15	13	86.67	1.44 LPA	2.52 LPA

17. List of Research Projects/Consultancy Works

- Number of Projects carried out, funding agency, Grant received

Si.No	Title	Academic Year	Name of the funding agency	Amount in Rupees
1	Rural Development and Sustainable Growth in India: (National Level Conference)	2020-2021	Tamil Nadu State Council for Science and Technology (TNSCST), Government of Tamil Nadu.	15,000/-
2	Innovation in Rural Empowerment, Social Dynamics and Welfare in India 2020-(Grant for Organizing Conference)	2020-2021	All India Council for Technical Education (AICTE), New Delhi	1,20,333/-
3	Current Trends in Materials	2019-2020	Tamil Nadu State Council for	20,000/-

	Science(Seminar)		Science and Technology (TNSCST), Government of Tamil Nadu.	
4	Recent Trends in Application of Queueing Models(Seminar)	2019-2020	Council of Scientific & Industrial Research (CSIR), Ministry of Science & Technology, Government of India.	20,000/-
5	Wavelet Video Processing Technology(Seminar)	2018-2019	The Institution of Engineers (India), Kolkatta,India.	10,000/-
6	Data Analytics using R Language(Seminar)	2018-2019	The Institution of Engineers (India), Kolkatta,India.	10,000/-
7	Analysis of Structures through NDT	2018-2019	Indian Society for Technical Education(ISTE), Tamilnadu and Pudhucherry Section.	5,000/-

- **Consultancy Works**

The following consultancy work are in practice:

The design of buildings survey works and recommendation of suitable foundations after testing soils, testing the properties of materials.

The end cup connector,viewglass-flange,bearing rod, bearing bracket,MS-sleeve,MS shaft key way,SS bush, Foundation Bolt-slot, point kit,celling cover, foundation Joit,Ppoont knit,Rotary point,connecting rod,ALFA end cup,Power Loom Parts,UKL adaptor.

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

Nandha College of Technology Google Scholar Citations Page Link:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=pccJESQAAAAJ

• **MoUs with Industries**

Si.No	Name of the Department signed MoUs with company/Industries	Name of the company/Industries with address
1.	Computer Science and Engineering, Information Technology	LIVE WIRE, No.12B,2 nd Floor,Ramasamy Street Opposite, Federal Bank,NGO Colony,Erode-9
2.	Computer Science and Engineering, Information Technology	SAT Infosys, No.70,AMD Complex, Coimbatore-12
3.	Electrical and Electronics Engineering	ALFA SWITCHGEAR (I) PVT.LTD, No.27,Moolakarai Road,Nasiyanoor,Erode-638107.
4.	Electronics and Communication Engineering	VI Microsystems PVT. LTD, Chennai-600096
5.	Mechanical Engineering	CCUBE Technologies, 2 nd Floor,Annor Amman Complex, Sathy Road,Erode-3
6.	Mechanical Engineering	CADD Private Limited,Perundurai- 638052

18.LoA and subsequent EoA till the current Academic Year

Letter of Approval(LoA):



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/2008/33
Dt. 30/06/2008

To,

The Principal Secretary
(Education Department)
Govt. of Tamil Nadu,
Secretariat, Fort St. George,
Chennai-600 009.

Sub: AICTE approval to Sri Nandha Educational Trust, 291-Chinnamuthu Main Street, E.K. Valasu, Erode Pin Code 638 011 for establishment of new Institution in Degree Engg. & Tech. in the name and style of Nandha College of Technology, 235, Chennimalaipalayam Road, Pitchandampalayam Post, Veppam Palayam Village, Erode- Perundural Main Road Pin Code-638 052.

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 Sri Nandha Educational Trust, 291-Chinnamuthu Main Street, E.K. Valasu, Erode Pin Code 638 011 for establishment of Nandha College of Technology, 235, Chennimalaipalayam Road, Pitchandampalayam Post, Veppam Palayam Village, Erode- Perundural Main Road Pin Code-638 052 for conduct of the following courses and intake.

S.No.	Name of the Course	Intake
1	Computer Science & Engg.	60
2	Electronics & Communication Engineering	60
3	Information Technology	60
4	Electrical & Electronics Engineering	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. In case 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.

7वीं तल, चण्डी चौक, पवन, जनपथ नई दिल्ली-110001

7th Floor, Chander Prakash Building, Janpath, New Delhi-110001

Phone: 23/24183 Website: www.aicte.ac.in

The approval is further subject to fulfilment of following conditions.

1. 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 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 centres s/ extension centres 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.

7.
 - (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.

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15. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.
16. In the event of non-compliance by the **Nandha College of Technology, 235, Chennimalaipalayam Road, Pitchandampalayam Post, Veppam Palayam Village, Erode- Perundural Main Road Pin Code-638 052** 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 **Nandha College of Technology, 235, Chennimalaipalayam Road, Pitchandampalayam Post, Veppam Palayam Village, Erode- Perundural Main Road Pin Code-638 052.**

Yours faithfully,

Ha.

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

Copy to:

1. The Principal/ Director
Nandha College of Technology,
235, Chennimalaipalayam Road,
Pitchandampalayam Post, Veppam Palayam Village,
Erode- Perundural Main Road Pin Code-638 052
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,
GCT Campus, Coimbatore-641 013.
5. Guard File (UG/PG).

Extension of Approval(EoA)

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/1-9318579766/2021/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	1-5019688	Application Id	1-9318579766
Name of the Institution /University	NANDHA COLLEGE OF TECHNOLOGY	Name of the Society/Trust	SRI NANDHA EDUCATIONAL TRUST
Institution /University Address	235, CHENNIMALAIPALAYAM ROAD PITCHANDAMPALAYAM POST VEPPAMPALAYAM VILLAGE ERODE - 638 052, ERODE, ERODE, Tamil Nadu, 638052	Society/Trust Address	291, CHINNAMUTHU MAIN STREET, EK VALSU, ERODE, ERODE, Tamil Nadu, 638011
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	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	90	90	NA	NA

Application No:1-9318579766

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:15 July 2021

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE & ENGINEERING	Anna University, Chennai	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMMUNICATION SYSTEMS	Anna University, Chennai	9	9	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

3. **The Principal / Director,**
NANDHA COLLEGE OF TECHNOLOGY
235, Chennimalaipalayam Road
Pitchandampalayam Post
Veppampalayam Village
Erode - 638 052,
Erode,Erode,
Tamil Nadu,638052
4. **The Secretary / Chairman,**
291, CHINNAMUTHU MAIN STREET, EK VALSU
ERODE,ERODE
Tamil Nadu,638011
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