



## **MANDATORY DISCLOSURE**

### **ACADEMIC YEAR 2021-2022**

#### 1. Name of the Institution

<b>Name of the College</b>	SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
<b>Address</b>	S.F NO:162, ATHIPALAYAM VILLAGE, THUDIYALUR- KOVILPALAYAM ROAD, COIMBATORE
<b>Pin code</b>	641 110
<b>Year of establishment of the college</b>	2011
<b>Type of the Institution</b>	SELF FINANCING
<b>Category of the College</b>	NON MINORITY
<b>Type of college</b>	ENGINEERING
<b>Is the College Autonomous</b>	NO
<b>Is the college Functioning at the above said-approved site?</b>	YES
<b>Mobile</b>	9894070999
<b>Telephone</b>	0422 – 2697792
<b>Other Telephone</b>	0422 – 2697792
<b>Fax</b>	0422 – 2697782
<b>E mail ID</b>	sritech@sriindia.net
<b>Website Address</b>	www.sriet.ac.in
<b>Any other Accreditation / Recognition</b>	ISO Certified

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

<b>The Head of the Trust</b>	Chairman
<b>Name of the Trust/Society</b>	Sri Ranganathar Trust
<b>Address of the Registered Office</b>	12/45,Thadagam road, Edayarpalayam Coimbatore-641025
<b>District</b>	Coimbatore
<b>Name of the Chairman</b>	Mr. NARAYANASAMY V
<b>Father Name</b>	Mr. VENKATASAMY G
<b>E-mail</b>	vn@sriindia.net
<b>Mobile Number of the Chairman</b>	9894070999
<b>Telephone number</b>	0422 - 2400141
<b>Telephone number - Office</b>	0422 - 4335999
<b>Telephone number - Residence</b>	0422 - 4335900

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

<b>Name of the principal</b>	Dr. K.P. ARULSHRI
<b>Name of the Institution</b>	Sri Ranganathar Institute of Engineering and Technology
<b>Address</b>	S.F NO:162, ATHIPALAYAM VILLAGE, THUDIYALUR- KOVILPALAYAM ROAD, COIMBATORE
<b>Pin code</b>	641 110
<b>E-mail</b>	principal@sriet.ac.in
<b>Mobile Number of the Principal</b>	7502664999
<b>Telephone number</b>	0422 – 2697792
<b>Telephone number - Office</b>	0422 – 2697792
<b>Mobile number Residence</b>	9868211744

**4. Name of the Affiliating University:** Anna University, Chennai

**5. Governance**

**5a) Members of the Board and their Brief Background**

Name	Position	Qualification	Present Designation / Occupation	Telephone Numbers	Mobile No.	E-mail id	Address
Dr. Narayanasamy V	Chairman	OTHERS- Diploma- Others-DME	Chairman	0422 - 2400141	9894070999	vn@sriindia.net	12/45, Thadagam Road, Edayarpalayam - Coimbatore, 641025 Coimbatore
Dr. Arulshri KP	Member Secretary	Ph.D.- Mechanical Engineering	Principal	0422 - 2697792	7502665999	principal sriet1@gmail.com	FrF2, A Block, Royal Exotic Apartment, Opp. CMS School, Ganapathy, - Coimbatore, 641006 Coimbatore
Mr. Harikrishnan N	Members	B.E.- Mechanical Engineering	Director Sri Ranganathar Trust	0422 - 2400141	9894470999	n.harikrishnan@sriindia.com	12/45, Thadagam Road, Edayarpalayam, - Coimbatore-641025 Coimbatore
Mrs. Vinay Shree N	Members	B.E.-Electrical and Electronics Engineering	Director Sri Ranganathar Trust	0422 - 2400141	8220043999	v.n.vinayasree@sriindia.com	12/45, Thadagam Road, Edayarpalayam - Coimbatore, 641025 Coimbatore
Dr. Sundaresan M	Members	Ph.D.-Faculty of Technology	Regional Officer	044 - 28275650	9543024213	sro@aicte-india.org	Southren Shastri Bhawan 26 Haddows Road - Chennai 600006 Chennai
Dr. Ganesan H	Members	Ph.D.-Faculty of Mechanical Engineering	Professor cum Dean mechanical	0422 - 2697792	9486022605	ganeshmelur01@gmail.com	2D - ESR Emerald Apartment, Ruckkammal Colony, Viswanathapuram, Tudialur Post, - Coimbatore, 641034 Coimbatore
Dr. Maalmarugan J	Members	Ph.D.- Others- Faculty of Electrical Engineering	professor	0422 - 2697782	8489929865	maalmarugan@gmail.com	1-191, Murugan Koil Street, - Sakkangudi, Chidambaram - 608201 Cuddalore
Dr. Selladurai V	Members	Ph.D.- Mechanical Engineering	Principal CIT	422 - 2697792	9363227757	hodmech@cit.edu.in	Coimbatore Institute of Technology - Coimbatore-641014 Coimbatore
Mr. Elangovan J	Members	B.E.- Mechanical Engineering	Technical Director SRI Group of Industries	0422 - 2400141	9852844102	td@sriindia.net	2/426, Teachers Colony, Chinniyam palayam - Coimbatore-641062 Coimbatore
Dr. Kavitha B	Members	Ph.D.-Others- Faculty of Science and Humanities	Associate Professor	0422 - 2697792	9790172117	rijeeas@gmail.com	18/3, Periyar Street, Ramakrishnapuram, Ganapathy post, - Coimbatore, 641006 Coimbatore
Mr. Arivazhakan D	Members	M.E.-Thermal Engineering	Assistant Professor	0422 - 2697792	9500934413	arivu0678@gmail.com	5/350, Teachers Colony Opp to TNSTC, - Mettupalayam, Coimbatore, 641301 Coimbatore

## 5b) Members of academic Advisory Body

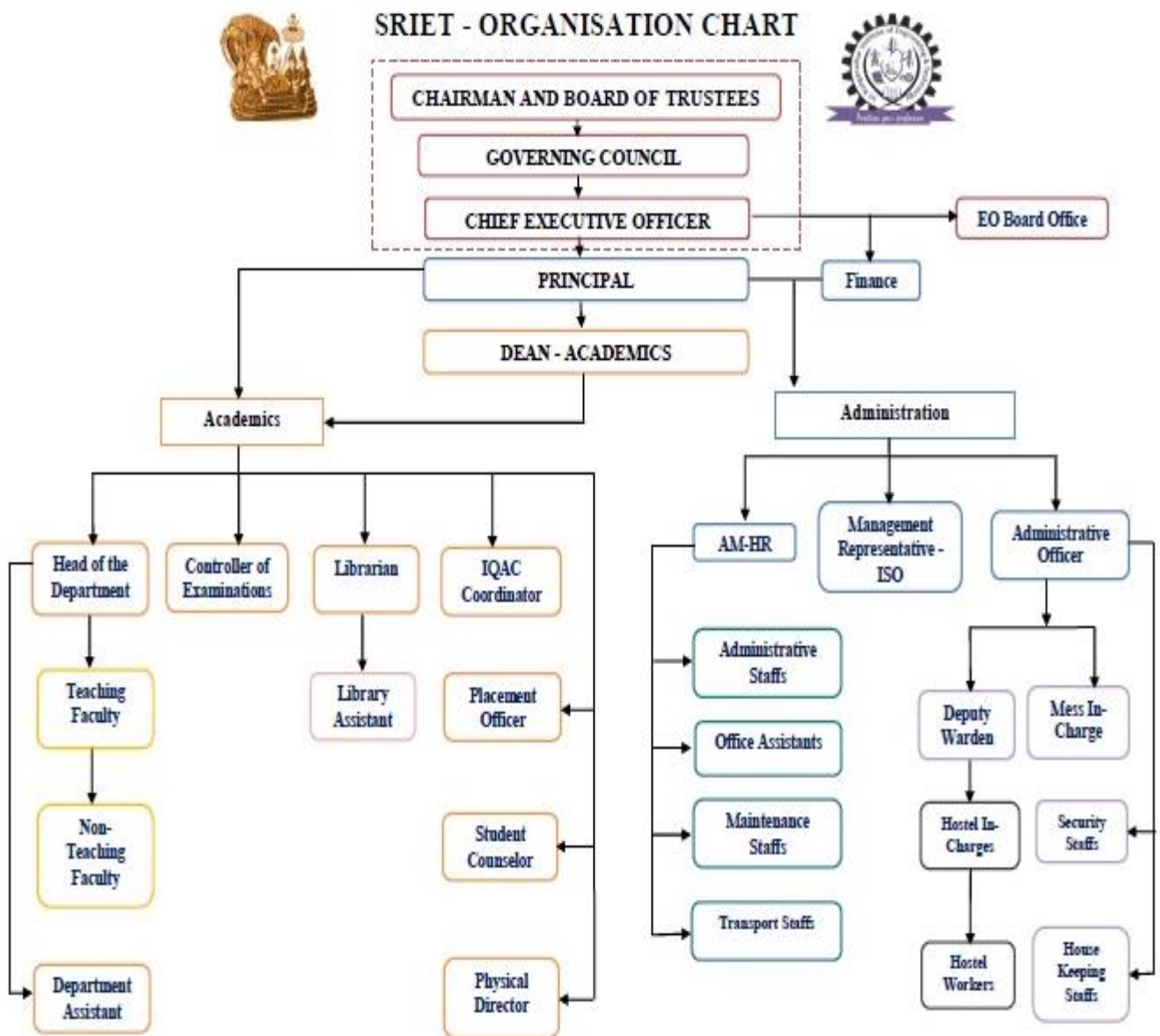
### COMPOSITION OF THE ACADEMIC COUNCIL BODY OF THE INSTITUTION 2021-2022

S.No	Name	Position	Address
1.	Dr. V.Narayanasamy	Chairman	12/45, Thadagam Road, Edayarpalayam (PO), PMR Nagar, Coimbatore – 641 025
2.	Dr. K.P.Arulshri	Principal	FrF2, A Block, Royal Exotic Apartment, Opp. CMS School, Ganapathy, Coimbatore-641 006
3.	Dr. H.Ganesan	Dean Academics	2D – ESR Emerald Apartment, Ruckkammal Colony, Viswanathapuram, Tudiyalur Post, Coimbatore – 641 034.
4.	Dr. M.Sundaresan	AICTE Nominee	SRO, Southern Shastri Bawan, 26, Hoddows Road, Chennai – 600 006.
5.	Dr. N.Kumaresan	University Nominee	Anna University Regional Campus, Navavoor, Coimbatore – 641 046.
6.	Dr. P.Thamarai	University Nominee	Principal, Govt. College of Technology, Coimbatore – 641 013.
7.	Dr. R.Gnanamoorthy	Professor, IIT Founder Director	IIT, Madras, Chennai–600 036.
8.	Mr. M.S.Vengatesan	Industrial Expert	Chief Executive – HR Sri Ranganathar Industries, 12/45, Thadagam Main Road, PMR Nagar, Edayarpalayam, Coimbatore - 641 025.
9.	Mr. J.Elangovan	Industrial Expert	Technical Director, Sri Ranganathar Industries, 12/45, Thadagam Main Road, PMR Nagar, Edayarpalayam, Coimbatore - 641 025.
10.	Dr. Geeth Narayanan	Industrial Expert	Vice President, 7/147, Power House Rd, Keeranatham, Coimbatore-641 035.
11.	Dr. V.Sheela	HoD / CIVIL	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.
12.	Dr. R.Mekala	HoD / CSE	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.
13.	Mrs. P.Jeyabharathi	HoD / ECE	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.

14.	Dr. J.Maalmarugan	HoD / EEE	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.
15.	Dr. R.Joselin	HoD / MECH	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.
16.	Dr. S.Eswaran	HoD / S&H	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore – 641 110.

5c) Frequently of the Board Meeting and Academic Advisory Body: Twice in a year

5d) Organizational Chart and Process



**5e) Nature and extent of involvement of faculty and students in academic affairs/improvements:**

- The teaching learning process in SRIET is based on student-centric learning by empowering the students to think critically, respond with confidence and pose questions without reservations.
- Our Institution adopts 2017 regulation based students centric – OBE and CBCS methods. Effective teaching learning process is achieved through regular course delivery to attain and improve COs, POs & PSOs are used for different level of students.
- Currently, OBLF methodology is being used to enhance the effectiveness of course delivery by identifying pre-requisite knowledge, STEM concepts, mind mapping, stimulating questions, etc.
- Cooperative learning using concept map, interactive learning, mini projects, seminars, assignments, quiz, PPTs, video lectures, etc., entices students to learn and enlarges his learning capabilities.
- Teachers use ICT enabled tools for effective teaching-learning process.
- Most of the faculty use ICT tools to enhance interaction in classroom through research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva and laboratory work.
- Departments and Conference rooms are equipped with Computers with Internet connectivity, LCD Projector and Speakers.
- Digital Library- In addition to central library, digital library has been established.
- The Media Studio in the campus is well equipped with Digital Camera, and Microphone to produce educational videos and presentations
- As a part of Learning Management system (LMS), faculty create YouTube channel which have built-in tools to interact with students and also extend the information conveyed by eLearning courses.
- Faculty members prepare PPT's, videos and animations to create the best learning environment.
- Enterprise Resource Planning (ERP)-Google Camps Stack is used in 'sriet.ac.in' domain that provides Email-id's for faculty, students, alumni and administrative staff to share academic content, newsletter, magazine and news-letter.
- Google Classroom is used to manage and post course related information – learning material, quizzes, lab submissions and evaluations, assignments, etc.
- Apart from regular classes, students are augmented with advanced courses provided through NPTEL and MOOC.
- Online Drawing Tools like concept maps and mind maps are used to enhance student-centric activities.

### 5f) Mechanism / Norms and procedure for democratic / good governance

- It is not permissible to be absent without prior approval.
- In person, students should submit their leave applications to the Hod through their concern Advisors and tutors.
- Unauthorized absences and rule violations will result in severe disciplinary action.
- The college prohibits ragging in any manner. Students who engage in ragging will be promptly expelled from the college.
- Students should dress appropriately for college and practical classes as well.

### 5g) Student Feed Back on Institutional Governance / Faculty Performance

During interaction meetings, class committee meetings and course committee meetings feedback on faculty performance and governance is gathered informally.

### 5h) Grievance redressal mechanism for faculty, staff and students

- The Discipline Committee was established to prevent ragging and indiscipline activities on campus.
- The Women Empowerment Cell was established for the benefit of female students and faculty members.
- Each block has a suggestion box for students and staff to leave comments, criticism and recommendations.

### Grievance Redressal Committee:

Sl.No	Name	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr. Arulshri KP	Chairman	Principal	0422-2697792	9865211744	principal@sriet.ac.in	FrF2 A Block, Royal Exotic Apartment, Opp. CMS School, Ganapathy-Coimbatore, 641006 Coimbatore
2	Dr. GanesanH	Member	Professor	0422-2697792	9486022605	ganesan@sriet.ac.in	2D - ESR Emerald, Rukammal Colony, Vishvanathapuram, Thudialur Post,-Coimbatore, 641034 Coimbatore
3	Dr. Aejitha S	Member	Associate Professor	0422-2697792	9865884322	aejitha@sriet.ac.in	Sri Ranganathar Institute of Engineering and Technology,- Coimbatore, 641110 Coimbatore

4	Mr. SivaneshR	Member	Assistant Professor	0422-2697792	9994401494	sivaneshravi@gmail.com	1A/1B, Amurthanadhamai Nagar, Veerapandi Pirivu, Press colony Post,-Coimbatore, 641019 Coimbatore
5	Dr. Kavitha B	Member	Associate Professor	-	9790172117	ootykavi@gmail.com	Sri Ranganathar Institute of Engineering and Technology- Coimbatore -641110 Coimbatore
6	Mrs. BagyalakshmiK	Member	Assistant Professor	-	9965517306	bagiraviram@gmail.com	Sri Ranaganathar Institute of Engineering and Technology- Coimbatore-641110 Coimbatore
7	Dr. Preethi J	Outside Activist	Professor	-	9489362380	preeth17j@gmail.com	Anna university, CSE Dept.- Regional campus coimbatore Coimbatore
8	Mrs. JeyabharathiP	Member	Assistant Professor	-	8012960079	k.bharathi.me@gmail.com	28/3a-1, narayanasamy layout, 3rd cross-rathinapuri, 641027 Coimbatore

### 5i) Establishment of Anti Ragging Committee

- Anti-ragging committee was established.
- A new anti-ragging committee will be constituted each academic year.

### Anti-Ragging Committee

Sl. No	Name	Position	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr. Arulshri K.P	Chairman	Principal	Principal	0422 - 2697782	7502665 999	principalsriet1@gmail.com	1/162, PrincipalQuarters,Athipalayam, Thudiyalur to Kovilpalayam Road, - Coimbatore-641110 Coimbatore
2	Mr. Sivakumar K	Member	Police Department	Police sub inspector	0422 - 2654246	9498177 601	kovilpalayams2016@gmail.com	Kovilpalayam - Coimbatore -641107 Coimbatore
3	Mrs. Chandra K	Member	Revenue/Taluk/ Civil/ Officers	Tahsildar	04254 - 2622260	9789792 337	padayappachandran1999@gmail.com	Thaluk office, Annur - coimbatore- 641653 Coimbatore
4	Mrs. Subathra Purusothaman	Member	Official of NGO	Panchayat President	-	9842242 024	babumalar@gmail.com	2/53, Naidu Street,Athipalayam - Thudiyalur to Kovilpalayam Road - 641110 Coimbatore
5	Mr. Sukumar R	Member	Representatives of parents	Member	-	7373543 435	sukumardrive r435@gmail.com	3/69 Vinayakar Kovil street, Chellapakoundanpudur, Kuppanoor post, Siruvani main road - Coimbatore-641010 Coimbatore
6	Ms. Sri Aiswarya D	Member	Representatives of Students	Student	-	8300590 580	sriaiswarya2505aisu@gmail.com	131c,Nethaji road,Rajiv Gandhi nagar,Seeranaickenpalayam - coimbatore-641007 Coimbatore
7	Ms. Kaviya G	Member	Representatives of Students	Student	-	9600437 432	kaviyag120202@gmail.com	4/19,4th street ,Sivanandhapuram,Saravanampaty post - coimbatore-641035 Coimbatore
8	Mr. Dheenadhayalan s	Member	Representatives of	Member	-	9656307 455	dhayalanddeena2	24/11 70,acerkadu cheerakadavu,pudur



			Students				019@gmail.com	post,mannarkad - palakkad -678581 Others - kerala
9	Ms. Narmatha A	Member	Representatives of Students	Student	-	9655713075	narmathacivil737@gmail.com	81, North Street, Vendakottai Post, Pattukottai Taluk - Thanjavur District - 614906 Thanjavur
10	Mr. Ganesan V	Member	Representatives Non-Teaching	Lab instructor	-	8122361463	v_ganesh55@yahoo.co.in	248/2A,Shooting range Road, Gandhinagar,Madukkarai - coimbatore-641105 Coimbatore

**5j) Establishment of Online Grievance Redressal Mechanism: YES**

**5k) Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**

**5l) Establishment of Internal Complaint Committee (ICC) : YES**

- Internal Complaint Committee (ICC) was established.

S.No	Name of the Members	Designation
1	Dr. S. Lavanya HoD/CSE	Presiding Officer
2	Mrs. Tamilselvi AP / ECE	Member
3	Mrs. Poornima AP/Maths	Member
4	Mrs. D. Indumathi AP/English	Member
5	Mrs. Malathi AP / EEE	Member
6	Mrs. Maragatham K (Attender)	Member
4	Mrs. Subathra Purosothaman P	External Member
5	Ms. Vigneshwari M (II Year CIVIL)	Student Representative 1
6	Ms. Snega N (III Year CSE)	Student Representative 2
7	Ms. Nandhini D (IV Year EEE)	Student Representative 3
8	Ms. Kaviya S (IV Year ECE)	Student Representative 4

**5m) Establishment of Committee for SC/ST : YES**

**5n) Internal Quality Assurance Cell (IQAC)**

S.No.	Name of the Faculty	Position
1	Dr.K.P.Arulshri, Principal	Chairperson
2	Dr.J.Maalmarugan, HoD/EEE	Director

3	Dr.B.Kavitha, Prof/S&H	Additional Director
4	Dr.Joslin, Prof/Mech	Member
5	Dr.Eswaran HoD/S&H	Member
6	Dr.S.Lavanya, HoD/CSE	Member
7	Mrs.J.Jeyabharathi, HoD/ECE	Member
8	Mr.Karthikeyan, HoD/Civil	Member
9	Dr.M.Meenakumari, Prof/ECE	Member
10	Mr.M.Suresh Kumar, ASP/CSE	Secretary

## 6. Programmes

### 6a) Name of Programmes approved by AICTE

#### Undergraduate Programmes – BE/B.Tech

S No	Name of the Programme
1	B.E. Civil Engineering
2	B.E. Computer Science and Engineering
3	B.E. Electrical and Electronics Engineering
4	B.E. Electronics and Communication Engineering
5	B.E. Mechanical Engineering

Name of the Accredited by NBA: NIL

#### Status of Accreditation of the Courses

Total number of Courses: 05

No. of Courses for which applied for Accreditation: NIL

Status of Accreditation: NIL

#### For each Programme the following details are to be given:

S No	Name of the Programme	No. of seats	Duration	Cut off Marks	Fee	Placement Facilities	Minimum Salary	Maximum Salary	Average Salary
1	B.E. Civil Engineering	60	4	150	50,000	Yes	1.5 lakhs	3.5 lakhs	2.5 lakhs
2	B.E. Computer Science and Engineering	60	4	172	50,000	Yes	2.0 lakhs	4.5 lakhs	3.25 lakhs
3	B.E. Electrical and Electronics Engineering	60	4	158	50,000	Yes	1.5 lakhs	3.5 lakhs	2.5 lakhs
4	B.E. Electronics and Communication Engineering	60	4	170	50,000	Yes	2.0 lakhs	4.5 lakhs	3.25 lakhs

5	B.E. Mechanical Engineering	60	4	165	50,000	Yes	1.8 lakhs	4.2 lakhs	3 lakhs
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**Name and duration of Programme (s) having twining and collaboration with foreign university (s) and being run in the same campus along with status of their AICTE approval : NIL**

**Permanent Faculty**

S.No	Name of the Faculty	Designation	Highest Qualification	Specialization	Date of Joining
<b>ACADEMIC</b>					
1.	Dr. K.P.ARULSHRI	PRINCIPAL	Ph.D.	Mechanical Engineering	04-12-2020
<b>CIVIL</b>					
1.	Mr. K.KARTHIKEYAN	ASST PROFESSOR	M.E	Structural Engineering	10-06-2017
2.	Dr. V.SHEELA	PROFESSOR	Ph.D.	Structural Engineering	24-12-2019
3.	Mr. S.RAJESH KUMAR	ASST PROFESSOR	M.E	Structural Engineering	02-06-2017
4.	Mr. U.G.ARUNRAJAN	ASST PROFESSOR	M.E	Structural Engineering	08-06-2017
5.	Mr. N.GOKULNATH	ASST PROFESSOR	M.E	Structural Engineering	25-06-2018
6.	Ms. G.MITHRA	ASST PROFESSOR	M.E	Structural Engineering	28-06-2019
7.	Ms. S.DEEPASREE	ASST PROFESSOR	M.E	Structural Engineering	10-06-2021
8.	Mrs. U.NANDHINI	ASST PROFESSOR	M.E	Structural Engineering	07-07-2021
9.	Ms. J.S.JESLIN	ASST PROFESSOR	M.E	Environmental Engineering and Management	17-08-2021
10.	Mrs. C.LATHIGA	ASST PROFESSOR	M.E	Environmental Engineering and Management	23-08-2021
<b>CSE</b>					
1.	Dr. R.MEKALA	PROFESSOR	Ph.D	Computer Science and Engineering	26-11-2019

S.No	Name of the Faculty	Designation	Highest Qualification	Specialization	Date of Joining
2.	Dr. S.LAVANYA	ASSOCIATE PROFESSOR	Ph.D	Information and Communication Engineering	06-01-2021
3.	Mr M.SURESH KUMAR	ASSOCIATE PROFESSOR	M.E	Computer Science and Engineering	08-06-2017
4.	Mrs. J.POONGODI	ASST PROFESSOR	M.E	Computer Science and Engineering	19-06-2015
5.	Mr. S.SATHISH	ASST PROFESSOR	M.E	Software Engineering	19-06-2015
6.	Dr. C.SURESH	ASST PROFESSOR	M.E	Computer Science and Engineering	15-06-2016
7.	Mrs. NISHA	ASST PROFESSOR	M.E	Computer Science and Engineering	14-12-2020
8.	Mrs. H.SOWMYA	ASST PROFESSOR	M.E	Computer Science and Engineering	06-01-2021
9.	Ms. I.MERITA	ASST PROFESSOR	M.E	Computer Science and Engineering	06-01-2021
10.	Mr. D.MANOJKUMAR	ASST PROFESSOR	M.E	Computer Science and Engineering	22-02-2021
11.	Mrs. R.PRIYADHARSHINI	ASST PROFESSOR	M.E	Information Technology	12-04-2021
12.	Mrs. S.KALAIVANI	ASST PROFESSOR	M.E	Information Technology	02-08-2021
13.	Mrs.T.THENMOZHI	ASST PROFESSOR	M.E	Information Technology	18-11-2021
<b>EEE</b>					
1.	Dr. J.MAALMARUGAN	PROFESSOR	Ph.D	Power Electronics	07-06-2017

S.No	Name of the Faculty	Designation	Highest Qualification	Specialization	Date of Joining
				Application in Power Systems	
2.	Mr. ALEX GEORGE	ASSOCIATE PROFESSOR	M.E	Power Electronics and Drives	01-06-2017
3.	Mrs. M.SHANTHI	ASSOCIATE PROFESSOR	M.E	Controls and Instrumentation	05-06-2017
4.	Mrs. K.BAGYALAKSHMI	ASST PROFESSOR	M.E	Embedded System and Technology	01-07-2011
5.	Mrs. M.MALATHI	ASST PROFESSOR	M.E	Power Electronics and Drives	01-06-2017
6.	Mr. P.MEENAKSHI SUNDRAM	ASST PROFESSOR	M.E	Power System	01-06-2017
7.	Mr. D.PALANIVEL	ASST PROFESSOR	M.E	VLSI Design	08-06-2017
8.	Mrs. D.NIVEA	ASST PROFESSOR	M.E	Power Electronics and Drives	25-06-2018
9.	Mr. K.MUTHURAJ	ASST PROFESSOR	M.E	Power Electronics and Drives	16-12-2019
10.	Mr. K.RAJESH KUMAR	ASST PROFESSOR	M.E	Power Electronics and Drives	04.02.2022
<b>ECE</b>					
1.	Mrs. P.JEYABHARATHI	ASST PROFESSOR	M.E	Communication Systems	07-12-2011
2.	Dr. M.MEENAKUMARI	PROFESSOR	Ph.D	Informations and Communication Engineering	01-07-2019
3.	Mr. A.PERIYANAN	ASSOCIATE PROFESSOR	M.E	Embedded System	28-06-2019

S.No	Name of the Faculty	Designation	Highest Qualification	Specialization	Date of Joining
4.	Mrs. R.TAMILSELVI	ASST PROFESSOR	M.E	Applied Electronics	19-06-2015
5.	Mrs. C.VIJAYALAKSHMI	ASST PROFESSOR	M.E	VLSI Design	18-12-2017
6.	Mr. D.SILAMBARASAN	ASST PROFESSOR	M.E	VLSI Design	16-12-2020
7.	Mr. V.R.MANI	ASSOCIATE PROFESSOR	M.E	Communication Systems	16-12-2020
8.	Mr. J.R.NISHANTH	ASST PROFESSOR	M.E	Embedded System	11-01-2021
9.	Mr. P.DHILIPKUMAR	ASST PROFESSOR	M.E	VLSI Design	17-03-2021
10.	Ms. S.PAVITHRA	ASST PROFESSOR	M.E	VLSI Design	20-07-2021
<b>MECH</b>					
1.	Dr. H.GANESAN	PROFESSOR	Ph.D	Manufacturing Engineering	11-03-2013
2.	Dr. R.JOSELIN	PROFESSOR	Ph.D	Material Science	07-04-2021
3.	Mr. S.DEIVASIKAMANI	ASST PROFESSOR	M.E	Engineering Design	16-06-2016
4.	Mr. A.SIVANESH	ASST PROFESSOR	M.E	Manufacturing Engineering	15-12-2016
5.	Mr. R.ARAVIND KUMAR	ASST PROFESSOR	M.E	Engineering Design	01-06-2017
6.	Mr. R.DINESHKUMAR	ASST PROFESSOR	M.E	Industrial Engineering	01-06-2017
7.	Mr. M.NATRAYAN	ASST PROFESSOR	M.E	Engineering Design	08-06-2017
8.	Mr. D.ARIVAZHAKAN	ASST PROFESSOR	M.E	Thermal Engineering	15-06-2017
9.	Mr. A.MOHAN	ASST PROFESSOR	M.E	Thermal Engineering	26-07-2021
10.	Mr. S.BINSON	ASST PROFESSOR	M.E	Engineering Design	16-08-2021
11.	Mr. R.DINESH	ASST	M.E	CAD/CAM	23-08-2021

S.No	Name of the Faculty	Designation	Highest Qualification	Specialization	Date of Joining
		PROFESSOR			
	<b>S&amp;H</b>				
1.	Dr. S.ESWARAN	PROFESSOR	Ph.D	Topology	04-01-2021
2.	Dr. B.KAVITHA	PROFESSOR	Ph.D	Electro Analytical Chemistry	06-06-2013
3.	Dr. S.AEJITHA	ASSOCIATE PROFESSOR	Ph.D	Electro Chemistry	23-12-2020
4.	Mrs. M.DEVIPRIYA	ASST PROFESSOR	M.Phil	Mathematics	13-07-2011
5.	Mr. S.ARIVALAGAN	ASST PROFESSOR	M.Phil	Mathematics	03-01-2014
6.	Mrs. N.POORNIMA	ASST PROFESSOR	M.Phil	Mathematics	15-06-2016
7.	Mr. S.DHANABALAN	ASST PROFESSOR	M.Phil	Nano Technology	01-06-2017
8.	Mr. R.RAMESH	ASST PROFESSOR	M.Phil	Mathematics	03-09-2018
9.	Mr. B.DHAKSHINAMOORTHY	ASST PROFESSOR	M.Phil	English	01-04-2019
10.	Dr. B.RANJITHKUMAR	ASST PROFESSOR	M.Phil	Nano Material and Nano Technology	26-11-2019
11.	Mrs. D.INDUMATHI	ASST PROFESSOR	M.Phil	English	18-12-2020

### PLACEMENT CELL

S.No	Name of the Staff	Designation	Highest Qualification	Date of Joining
1	Mr. K.KARTHIKEYAN	ASST. PROFESSOR/CIVIL	M.E	10.06.2017
2	Mr. S.SATHISH	ASST. PROFESSOR/CSE	M.E	19.06.2015

### LIBRARY STAFFS

S.No	Name of the Staff	Designation	Highest Qualification	Date of Joining
1	Mr. V.RAMAKRISHNAN	LIBRARIAN	M.Phil	03.08.2012
2	Ms. R.RAJAPRIYA	ASST. LIBRARIAN	MLIS	25.11.2021

### PHYSICAL EDUCATION DEPARTMENT

S.No	Name of the Staff	Designation	Highest Qualification	Date of Joining
1	Mr. T.JAYASEELAN	PHYSICAL DIRECTOR	MPed	01.07.2013

**7b) Adjunct Faculty: Nil**

**7c) Permanent Faculty: Student Ratio: 1: 20**

#### **8. Profile of Principal**

##### **Educational Qualifications:**

Sl. No	Degree	Name of the Institution	Name of the University	Month & Year of Passing
1	B.E.	Coimbatore Institute of Technology	Bharathiar	April 1987
2	MS	BITS , Pilani	BITS	Jan 1992
3	ME	Kongu Engg. College	Bharathiar	Dec 1998
4	Ph.D	Coimbatore Institute of Technology	Bharathiar	April 2006

##### **Professional Experience:**

Sl. No	Name of the College	Designation	Period		Experience	
			From	To	Y	M
1.	Nehru Institute of Technology	Principal	03.06.2019	30.11.2020	1	6



2.	AVC College of Engineering	Principal	25.02.2019	31.05.2020	1	3
3	Bannari Amman Institute of Technology	Professor & Head	24-11-2014	30.10.2020	4	2
4	KPR Institute of Engg & Tech	Principal	30-04-2009	31-07-2014	5	3
5	Kongu Engg. College	Professor & Head	1-7-2004	29-04-2009	4	6
6	Kongu Engg. College	Asst.Professor	1-7-2000	30-06-2004	4	0
7	Kongu Engg. College	Lecturer (SG)	1-8-1996	30-06-2000	3	10
8	Kongu Engg. College	Lecturer	1-7-1990	31-07-1996	6	1
9	Kongu Engg. College	Instructor	24-6-1987	30-06-1990	3	0
<b>Total</b>					<b>33</b>	<b>7</b>

#### **Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate Level**

Sl. No	Academic Year	Semester	Class	Subject	No. of Students	% of result
1	2003-2004	ODD	I SEM M.E(ED)	Industrial Robotics and Expert Systems	20	100
2	2003-2004	ODD	I SEM M.E (CAD / CAM)	Finite Element Analysis	25	92
3	2003-2004	EVEN	II SEM M.E(ED)	Advanced Mechanism Design	25	100
4	2003-2004	EVEN	II SEM M.E(CAD / CAM)	Product Design and Development Strategies	17	100
5	2004-2005	ODD	I SEM M.E(CAD / CAM)	Finite Element Analysis	16	100
6	2004-2005	EVEN	II SEM M.E(ED)	Advanced Mechanism Design	21	100
7	2005-2006	ODD	I SEM M.E(CAD CAM)	Finite Element Analysis	16	100
8	2005-2006	ODD	III SEM (MECHANICAL)	Engineering Thermodynamics	70	84.29
9	2005-2006	EVEN	IV SEM (MECHANICAL)	Kinematics of Machines	61	93.44
10	2006-2007	ODD	VII SEM (MECHANICAL)	Finite Element Analysis	24	100
11	2006-2007	EVEN	IV SEM (MECHANICAL)	Kinematics of Machines	121	90.90
12	2007-2008	ODD	III SEM (MECHANICAL)	Kinematics of Machines	129	97.67
13	2007-2008	ODD	VII SEM (MECHANICAL)	Finite Element Analysis	68	98.30

#### **Research Guidance**

Degree (M.Phil / M.S / Ph.D)	Registered	Completed
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Ph.D	11	07
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<b>Title of the Project / Research work</b>	<b>Category</b>	<b>Period</b>
Ph.D. – Certain Investigation on Machining Process Parameters on Turning of Titanium Material	Ph.D. (Dr. K. Venkatapathy)	15.12.2015
Ph.D. – Investigations on Mechanical, Tribological and Machining Behavior of Hybrid Metal Matrix Composites	Ph.D. (Dr. Mahendra Boopathi)	28.12.2015
Ph.D. – Experimental Investigations, Modeling and Optimization of Electrodeposited Ni- Al <sub>2</sub> O <sub>3</sub> /Ni – Al /Ni-Slag Power Composite Coatings.	Ph.D. (Dr. S. Jeyaraj)	02.09.2016
Ph.D. - An Experimental study on the Performance and Emission Characteristics of Diesel Engine by Employing Biofuel and coating of Thermal Insulation Particles.	Ph.D. (Dr. P. Gopinath)	06.09.2016
Design, Analysis and Optimization of Machining Fixture Layout using Finite Element Method and Nontraditional Techniques	Ph.D ( S.Selvakumar)	05-11-2013
Design and Development of optimised constrained layer damping treatments for structural vibration control	Ph.D (KSK Sasikumar)	22-11-2013
Experimental Investigation on Stecula Foetida Oil on Four Stroke Single Cylinder DI Engine	Ph.D (P.P. Sethusundaram)	30-09-2014
1.Cryo arm swing out for the launch of Rockets (GSLV) 2.Vibrational Analysis of shape memory Alloy actuator spring 3.Constitutive Modeling of shape memory alloy using Neural network	PG	2003-2004
1. Comparative evaluation of Shape Memory Alloy constitutive models with Experimental data. 2.Analysis of chatter suppression in turning operation - 3.Interpolation of Thermo-Mechanical Behavior of SMA Using Artificial Neural Net Work - 4.Non –Linear Analysis of Bio-Medical Stent	PG	2004-2005
1.Design Optimization of injection molded speedometer housing using mold flow analysis 2.FEA of Injection moulding moulds	PG	2005-2006
1.Topology size optimization to reduce weight on hot coke car chassis frame 2.Thermal Analysis of Oil cooler	PG	2006-2007
Modeling and analysis of ESP FRAME USING	UG	2006-2007

ANSYS and STAD.PRO		
Finite element modeling and design optimization of suspension upper control arm	PG	2007-2008
Health monitoring of frame structures using Piezoelectric Material	UG	2007-2008

**Editorship of Journals / Conferences etc.:**

Sl. No	Name of the Journals / Conferences and Agency	Period
01	Indian Journal of Engineering, Science and Technology Bannari Amman Institute of Technology	2008-09
02	National Conference on Advances in Mechanical Sciences at Kumara guru College of Technology	2007-08

Books / Notes published: **02**

Invited talks / chairing a session: **06**

Patent(s) granted: **01**

Application No.	Date of Filing	Patent No. if awarded	Patentee	Invention Title
2095/CHE/ 2006A	13-11-2006	Published on 28-11-2008	Arul &Co	Multi Head Spanner for Wheel

**R &D projects undertaken:**

Sl. No	Title and Nature of the Consultancy	Name and Address of the Organization	Names of Co- faculty involved	Sanctioned Amount	Date of Completion
01	Design and optimization of Smart system	AICTE RPS scheme	Mr. R.Parameshwaran	Rs 10 lakhs	Jan 2009
02	Work study in Hotel kitchen environment	DST Science & society	Mr. A. Somasundaram	Rs 15 lakhs	April 2009
03	Curriculum -Bridging the gap between Institute and Industry	SEW EURO Drive, MNC	Mr. Dinesh kumar	Rs 30 lakhs	September 2016
04	Collaboration With M/S NORD	NORD DRIVES MNC,	Mr. Yuvaraj	Rs 2 lakhs	December 2017

**9. Fee**

**9 a) Details of fee, as approved by the State Fee Committee, for the institution:**

S No	Name of the Programme	Fee details
1	B.E/ B.Tech	Rs.50,000/- per year

**9 b) Time schedule for payment of fee for the entire Programme:** Every Semester

**9 c) No. of Fee waivers granted with amount and name of students :**NIL

**9 d) Number of scholarship offered by the Institution, duration and amount**

Sl.No	No of Scholarship Offer by the Institution	Duration	Amount
1.	29	4 Years	3,50,000/-

**9 e) Criteria for Fee waivers/Scholarship:**

First Year (2019-20) Fees structure (OC,BC,MBC,BCM)					Marks	Lateral Student *
Marks	Day scholar		Hosteller			
	FGQ	NFGQ	FGQ	NFGQ		
526 & above (All Branch)	0	0	0	0	Above 90%(5th & 6th Sem)	100% TF free + Note Books Free + Hostel, Mess Charges free, Day scholar – Transport free
501-525(All Branch)	0	10,000	5,000	30,000		
475-500 (CSE &ECE Only)	0 +TRF	25,000 + TRF	36,000	61,000		
451-474 (CSE &ECE Only)	5,000+TRF	30,000+T RF	41,000	66,000		
401-450 (CSE &ECE Only)	10,000+TRF	35,000+T RF	46,000	71,000		
351-400 (CSE &ECE Only)	15,000+TRF	40,000+T RF	51,000	76,000	Above 85% (5th & 6 <sup>th</sup> Sem)	50 % TF only free
350 & below (CSE &ECE Only)	20,000+TRF	45000+TR F	56,000	81,000		

**9 f) Estimated cost of boarding and Lodging in Hostels**

S No	Particulars	Fee
1	Hostel fee	10,000
2	Mess fee	30,000

**10. Admission****10 a) Number of seats sanctioned with the year of approval**

S.No	Programme Name	Year of Approval	Sanctioned Intake
1	B.E. Civil Engineering	2012	60
2	B.E. Computer Science and Engineering	2011	60
3	B.E. Electrical and Electronics Engineering	2011	60
4	B.E. Electronics and Communication Engineering	2011	60
5	B.E. Mechanical Engineering	2011	60

**10 b) No. of Students admitted under various categories each year in the last three years**

Sl.No.	Academic Year	Category	No. of students
1	2021-22	OC	24
		BCM	4
		BC	67
		MBC	43
		SCA	17
		SC	65
		ST	8
2	2020-21	OC	3
		BCM	6
		BC	48
		MBC	43
		SCA	17
		SC	55
		ST	1
3	2019-20	OC	7
		BCM	0
		BC	40
		MBC	29
		SCA	23
		SC	50
		ST	04

**10c) No of applications received during last two years for admission under management quota and number admitted**

S.No.	Academic Year	No. of Applications received	No. of students Admitted
1	2021-22	100	86
2	2020-21	55	22
3	2019-20	61	23

**11. Admission Procedure**

11i) Mention the admission test being followed, name and address of the Test Agency and its URL (website)

For B.E/B. Tech, TNEA (Tamil Nadu Engineering Admissions, Anna University, Chennai – 600 025).

Web: [www.tneaonline.org](http://www.tneaonline.org), [www.coimbatoreassociation.com](http://www.coimbatoreassociation.com)

**Admission Committee**

S No	Name	Position
1	Dr. K.P. Arulshri	Convener
2	Mr. S. Arivazhakan	Coordinator
3	Mrs. K. Bagyalakshmi	Coordinator
4	Dr. S. Eswaran	Coordinator

**Calendar for Admission against Management/vacant seats:**

S.No	Description	Date
1	Last date of request for applications	16.08.2021
2	Last date of submission of applications	21.09.2021
3	Release of admission list	28.09.2021

**12. Criteria and Weightages for Admission**

**12 a) Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc**

Students are admitted into various B.E. / B.Tech. Degree Programmes as per the norms of the norms of the

Government of Tamil Nadu Engineering Admissions (TNEA).

**Government Quota:** 65% of the sanctioned Strength

**Management Quota:** 35% of the sanctioned Strength

**12 b) Mention the minimum level of acceptance, if any**

A pass in the HSC (Academic) or equivalent, with a minimum average percentage in Mathematics, Physics and Chemistry as listed below.

S.No.	Community	Minimum Percentage Required
1	General Category	45 %
2	BC	40%
3	MBC & DNC	40 %
4	SC/ST	40 %

**12 c) Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years**

S No	Branch	Academic Year	Cut-off	
			Highest	Lowest
1	CIVIL	2021-22	115	71
		2020-21	111	65
		2019-20	101	59
2	CSE	2021-22	175	94.33
		2020-21	168	92
		2019-20	158	98
3	ECE	2021-22	178	97
		2020-21	170	110
		2019-20	167	95
4	EEE	2021-22	132	88
		2020-21	119	70
		2019-20	101	62
5	MECH	2021-22	176	98
		2020-21	161	115
		2019-20	155	97

Reservation of seats for various categories as per the norms of Government of Tamil Nadu is given in the table below.

Particulars	Percentage of Allocation
Open Category	31.00%

Backward Class	30.00%
Most Backward Class & Denotified Communities	20.00%
Scheduled Caste	18.00%
Scheduled Tribes	1.00%
<b>Total</b>	<b>100.00%</b>

### 13. List of Applicants

- List of candidate whose applications have been received along with percentile/percentage score 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

### 14. Results of Admission under Management seats/Vacant seats

After submission of application from the candidate, admission committee will carefully evaluate the application based on institution norms. Results of the same will be intimated to the concern students through letter and email.

### 15. Information of Infrastructure and Other Resources Available

#### Number of Classrooms and size of each

The institution has 20 classrooms. The details and size of each room are shown in table below.

S.No	Room No	Details	Carpet Area (in Sq.m)
1.	A204	II – Civil Classroom	82
2.	A206	III – Civil Classroom	82.03
3.	A207	IV – Civil Classroom	82.03
4.	A003	II – CSE Classroom	81.29
5.	A005	III – CSE Classroom	81.57
6.	A006	IV – CSE Classroom	82.03
7.	A104	II – EEE Classroom	54.11
8.	A106	III – EEE Classroom	81.57
9.	A107	IV – EEE Classroom	82.03
10.	A306	II – ECE Classroom	82.03



11.	A305	III – ECE Classroom	81.57
12.	A304	IV – ECE Classroom	81.29
13.	A215	II – Mech Classroom	78.65
14.	A216	III – Mech Classroom	78.65
15.	A218	IV – Mech Classroom	82.31
16.	A311	I – Mech Classroom	78.97
17.	A314	I – EEE Classroom	78.65
18.	A312	I – Civil Classroom	79.25
19.	A315	I – CSE Classroom	78.97
20.	A317	I – ECE Classroom	82.31

#### Number of Tutorial Classrooms and size of each

The institution has 5 tutorial rooms. The details and size of each room are shown in table below.

S.No	Room No	Details	Carpet Area (in Sq.m)
1.	A213A	Tutorial Room Civil	39.33
2.	D301C	Tutorial Room CSE	134.89
3.	C105	Tutorial Room EEE	37.47
4.	D301D	Tutorial Room ECE	134.89
5.	A213B	Tutorial Room Mech	39.33

#### Number of Laboratories and size of each

The institution has laboratory rooms. The details and size of each room are shown in table below.

S.No	Room No	Details	Carpet Area (in Sq.m)
1.	A002B	Construction Materials and Highway Engineering Lab	108.14
2.	A002A	Soil Mechanics Lab	108.14
3.	D002A	Hydraulic Engineering Lab	129.63

4.	D002B	Strength of Materials Lab	129.63
5.	C202	Computer Aided Building Drawing Laboratory	65.735
6.	A203	Surveying Lab	217.58
7.	D201C	Water & Waste water Analysis Lab	113.55
8.	A201	C Programming Lab	154.06
9.	A011	Data Structures Lab	70
10.	C303	Digital System Lab	72.83
11.	C204	Object oriented programming Lab	71.71
12.	A202	Database Management System Lab	90.58
13.	C301	Operating System	68.16
14.	C302	Networking Lab	68.16
15.	A309A	Microprocessor and Micro Controller Lab	69.14
16.	C204	Object Oriented Analysis Design Lab	71.71
17.	C203	Internet Programming Lab	72.83
18.	C301	Mobile Application Lab	68.16
19.	C301	Security Lab	68.16
20.	A109A	Engineering Practices Laboratory	100
21.	D102A	Electrical Machines- I Laboratory	67.45
22.	D102B	Electrical Machines- II Laboratory	67.45
23.	D102C	Electrical Engineering Laboratory	67.45
24.	C101	Power System Simulation Laboratory	67.11

25.	C102	Power Electronics and Drives Laboratory	67.83
26.	C103	Control and Instrumentation Laboratory	67.83
27.	C104	Renewable Energy Systems Laboratory	71.71
28.	A210A	Linear Integrated Circuits Lab	69.14
29.	A210B	Digital Electronics Lab	69.14
30.	A302	Optical Microwave Lab	90.58
31.	A303A	Electronics Devices and Circuit Lab	77
32.	A303B	Electronics circuit Lab - II	77
33.	A303C	Electronics circuit Lab - I	77
34.	A303 D	Circuit and devices -Lab	77
35.	A309A	Microprocessor - Lab	69.14
36.	A309B	Microprocessor - Lab	69.14
37.	C303	Digital Signal Processing Lab	72.83
38.	C304	VLSI Lab	71.71
39.	D002A	Fluid Mechanics Lab	129.63
40.	D101	Engineering Practices Lab	259.44
41.	D001A	Manufacturing Technology - I Lab	129.025
42.	D001B	Manufacturing Technology - II Lab	129.025
43.	C001	Thermal Engineering Lab - I	67.81
44.	C002	Thermal Engineering Lab - II	67.81
45.	C003B	Computer Aided Simulation and Analysis-Lab	67.75

46.	C004	Computer aided Manufacturing - Lab	67.75
47.	D202A	Metrology & Measurements Lab	67.45
48.	D202B	Kinematics & Dynamics Lab	69.80
49.	D202C	Mechatronics Lab	69.80
50.	D002B	Strength of Materials Lab	129.63
51.	D201A	Physics Lab	217.58
52.	D201B	Chemistry Lab	152.18
53.	A114	Language lab communication skill lab	100

**Number of Drawing halls and size of each**

The institution has 2 drawing halls. The details and size of each room are shown in table below.

S.No	Room No	Details	Carpet Area (in Sq.m)
1.	D301A	Drawing Hall - I	134.89
2.	D301B	Drawing hall - II	134.89

**Number of Computer Centres and size of each**

The institution has 24 Computer centers. The details and size of each room are shown in table below.

S.No	Room No	Details	Carpet Area (in Sq.m)
1.	C202	Computer Aided Building Drawing Laboratory	65.735
2.	A201	C Programming Lab	154.06
3.	A011	Data Structures Lab	70
4.	C303	Digital System Lab	72.83
5.	C204	Object oriented programming Lab	71.71
6.	A202	Database Management System Lab	90.58
7.	C301	Operating System	68.16
8.	C302	Networking Lab	68.16
9.	C204	Object Oriented Analysis Design Lab	71.71
10.	C203	Internet Programming Lab	72.83
11.	C301	Mobile Application Lab	68.16
12.	C301	Security Lab	68.16
13.	C101	Power System Simulation Laboratory	67.11

14.	C103	Control and Instrumentation Laboratory	67.83
15.	C104	Renewable Energy Systems Laboratory	71.71
16.	A302	Optical Microwave Lab	90.58
17.	A303A	Electronics Devices and Circuit Lab	77
18.	C303	Digital Signal Processing Lab	72.83
19.	C304	VLSI Lab	71.71
20.	C001	Thermal Engineering Lab - I	67.81
21.	C003B	Computer Aided Simulation and Analysis- Lab	67.75
22.	C004	Computer aided Manufacturing - Lab	67.75
23.	D202C	Mechatronics Lab	69.80
24.	A114	Language lab communication skill lab	100

### 15 a) Library

#### Details of Book

S. No	Branch UG Program	No .of Titles	No .of Volumes	National Journal (Print)	International Journal (online)
1.	BE: Civil Engineering	932	2496	7	160
2.	BE: Mechanical Engineering	1163	3105	6	170
3.	BE: Electrical and Electronics Engineering	1169	2974	6	155
4.	BE: Electronics and Communication Engineering	1247	3017	6	185

5.	BE: Computer Science Engineering	1205	2958	6	200
6.	Science and Humanities	420	1387	6	90
7.	General			6	
<b>Total Volumes and Titles( Hard Copy )</b>		6136	15937	43	960

S. No.	Description	No of Books &Title (volume)
1.	No. of Titles (Books) Hard copy	5863
2.	No. of Volumes (Hard Copy)	17000
3.	No. of Journal National (Print) UG - EEE, ECE, ME, CSE, CE, S&H, General	43
4.	International Journal Online	2706
5.	E-Books Title	2887
6.	Total No .of Titles Boos & E books	8750
7.	Total No. of Volumes Books Hard copy & E- Books	21637
8.	No. of Volumes E-Books	4700
9.	Annual Budget	RS. 6 Lacks

#### Details of E- Journals

S. No	Name of the e-Journal Publisher	No. of Journal
1	DELNET Proquest Engg/ Tech, New Delhi	93 Journals
2	DELNET –Developing Library Network, New Delhi.	860 Journal
3	Springer E Journals - GIST	1753 Journal

#### E-Library Facilities

S No	E-Library Facilities
1	DELNET(Development Library Network)
2	DELNET PROQUEST ENGINEERING AND TECHNOLOGY
3	AUTOLIB MOBILE APP

**National Digital Library (NDL) Subscription details****Link:** [club.ndl.iitkgp.ac.in](http://club.ndl.iitkgp.ac.in)**Reg.id No:** INTNNC3DXFPWS8N



## 15 b) Laboratory and 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 PROBLEMSOLVING AND PYTHON PROGRAMMING LABORATORY	Server with Python (3 interpreter for Windows/Linux)	1
2	B.E.	General Engineering	1	2017	GE8161 PROBLEMSOLVING AND PYTHON PROGRAMMING LABORATORY	Standalone desktops with Python (3 interpreter for Windows/Linux)	30
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	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit.	2
5	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Welding booth with exhaust facility	5
6	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Welding accessories like welding shield, chipping hammer, wire brush, etc.	5
7	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study purpose items: Telephone, FM radio, low-voltage power supply	5
8	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study purpose items: Iron box, fan and regulator, emergency lamp	1
9	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Study-purpose items: centrifugal pump, air-conditioner	1
10	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Standard woodworking tools	15
11	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Soldering guns	10
12	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Small PCBs	10
13	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Power Tool: Angle Grinder	2
14	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(b) Digital Live-wire detector	2
15	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Carpentry vice (fitted to work bench)	15
16	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(c) Circular Saw	2

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	(e) Hand Drilling Machine	2
19	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Electrical measuring instruments	10
20	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(f) Jigsaw	2
21	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Hearth furnace, anvil and smithy tools	2
22	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Megger (250V/500V)	1
23	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Models of industrial trusses, door joints, furniture joints	5
24	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Centre lathe	2
25	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Power Tools: (a) Range Finder	2
26	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Power Tools: (a) Rotary Hammer	2
27	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
28	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Assorted electrical components for house wiring	15
29	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Assorted electronic components for making circuits	50
30	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(b) Demolition Hammer	2
31	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	(d) Planer	2
32	B.E.	General Engineering	2	2017	GE8261 ENGINEERING PRACTICES LABORATORY	Moulding table, foundry tools	2
33	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	wavelength of mercury spectrum - spectrometer grating	6
34	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Home Photometer	5

		ring					
35	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Electronic Balance	5
36	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	band gap of a semiconductor	6
37	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Young's modulus by non-uniform bending method	6
38	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Conductivity Meter	15
39	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	pH Meter	10
40	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Potentiometer	10
41	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	thermal conductivity of bad conductor-Lee's Disc	6
42	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	thickness of a thin wire-Air wedge method	6
43	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Torsion pendulum	6
44	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	velocity of sound and compressibility of liquid-Ultrasonic interferometer	6
45	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	wavelength, and particle size using Laser, angle in an optical fiber	6
46	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Viscometer	15
47	B.E.	General Engineering	1	2017	BS8161 PHYSICS & CHEMISTRY LABORATORY	Spectrophotometer	3
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 LABORATOR	D. C. Motor Generator Set	2
50	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	D.C. Shunt Motor	2

51	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Dual Regulated power supplies	6
52	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Watt meters LPF and UPF	4
53	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Voltmeters A.C and D.C	20
54	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Transistors (BJT, JFET)	20
55	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Single Phase Transformer	2
56	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Single Phase Induction Motor	2
57	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Resistors & Breadboards	20
58	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Ammeter A.C and D.C	20
59	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	A.C. Signal Generators	4
60	B.E.	General Engineering	2	2017	BE8261 BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING LABORATOR	Cathode Ray Oscilloscopes	4
61	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Theodolites	6
62	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Dumpy level / Filling level	6
63	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Leveling staff(set)	6
64	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Pocket stereoscope	1
65	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Prismatic Compass	10
66	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Ranging rods(set)	6
67	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Survey grade or Hand held GPS	3

		ring					
68	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Surveyor Compass	2
69	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Tapes(set)	6
70	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Cross staff(set)	6
71	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Total Station	3
72	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Arrows(set)	6
73	B.E.	Civil Engineering	3	2017	CE8361 SURVEYING LABORATORY	Chains(set)	6
74	B.E.	Civil Engineering	2	2017	CE8211 COMPUTER AIDED BUILDING DRAWING	AUTOCAD	30
75	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Torsion testing machine	1
76	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Izod impact testing machine	1
77	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Hardness testing machine-Vickers/Brinell	1
78	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Hardness testing machine-Rockwell	1
79	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Extensometer	1
80	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Dial gauges	1
81	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Compressometer	1
82	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Vicats apparatus	2
83	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Mortar cube moulds	10
84	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Beam deflection test apparatus	1
85	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	UTM of minimum 400 KN capacity	1

86	B.E.	Civil Engineering	4	2017	CE8481 STRENGTH OF MATERIALS LABORATORY	Le Chateliers apparatus	2
87	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Centrifugal Pump	1
88	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	determination of Metacentric height of floating bodies	1
89	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Venturimeter/Orifice meter	1
90	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Submersible pump	1
91	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Rotometer	1
92	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Reciprocating Pump	1
93	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Pelton Wheel turbine	1
94	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	minor losses	1
95	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Gear Pump	1
96	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	friction factor in pipes	1
97	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Francis turbines / kaplon turbine	1
98	B.E.	Civil Engineering	4	2017	CE8461 HYDRAULIC ENGINEERING LABORATORY	Bernoullis	1
99	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	DO meter	2
100	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Imhoff cone	4
101	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Water bath	2
102	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 50mL	6
103	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 500mL	5

		ring					
104	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 250mL	5
105	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 250mL	6
106	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 100mL	8
107	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Volumetric flask 1000mL	1
108	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	UV and Visible Spectrophotometer	1
109	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Test tubes 20mL	200
110	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Sterilization chamber	1
111	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Refrigerator	1
112	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Pipette 5mL	10
113	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Pipette 2 mL	4
114	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Pipette 10mL	15
115	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	pH meter	2
116	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Nessler's tube 100 mL	20
117	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Nephelometer	2
118	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Muffle furnace	1
119	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Weighing machine(0.0001g)	1
120	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Weighing machine(0.001g)	1

121	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Measuring jar 50mL	5
122	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Measuring jar 500mL	4
123	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Measuring jar 10mL	5
124	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Measuring jar 100mL	10
125	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Measuring jar 1000mL	2
126	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Jar test apparatus	2
127	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Hot air oven	1
128	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Conical flask 10 mL	2
129	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Conductivity meter	1
130	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Compound microscope	1
131	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	COD digester (with 6 heating mantle)	2
132	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	China dish	6
133	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Burette 50mL with stand	15
134	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Burette 25mL with stand	3
135	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	BOD incubator	1
136	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Beaker 500mL	6
137	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Beaker 100mL	20
138	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Beaker 1000mL	3



139	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Bacteriological incubator	1
140	B.E.	Civil Engineering	5	2017	CE8512 WATER AND WASTE WATER ANALYSIS LABORATORY	Autoclave	1
141	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Three gang consolidation test device	1
142	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Triaxial shear apparatus	1
143	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	UTM of minimum of 20KN capacity	1
144	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Van Shear apparatus	1
145	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Weighing machine 1kg capacity	3
146	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Weighing machine 20kg capacity	1
147	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Direct shear apparatus	1
148	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Hydrometer	2
149	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Liquid and plastic limit apparatus	2
150	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Proctor compaction apparatus	2
151	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Relative Density apparatus	1
152	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Sand replacement method accessories and core cutter method accessories	2
153	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Shrinkage limit apparatus	3
154	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Sieves	2
155	B.E.	Civil Engineering	5	2017	CE8511 SOIL MECHANICS LABORATORY	Thermometer	2
156	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Aggregate impact testing machine	1

		ring					
157	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Los - Angeles abrasion testing machine	1
158	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Marshall Stability Apparatus	1
159	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Sieves	1
160	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Slump cone	3
161	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Concrete Prism moulds	3
162	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Flow table	1
163	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Concrete Mixer	1
164	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Trovels and planers	1
165	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	UTM - 400 kN capacity	1
166	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Vee Bee Consistometer	1
167	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Vibrator	1
168	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Concrete cylinder moulds	3
169	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Concrete cube moulds	6
170	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	CBR Apparatus	1
171	B.E.	Civil Engineering	6	2017	CE8611 HIGHWAY ENGINEERING LABORATORY	Blains Apparatus	1
172	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Horizontal Milling Machine	1
173	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Arc welding transformer with cables and holders	2

		ring					
174	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Centre Lathes	7
175	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Oxygen and acetylene gas cylinders, blow pipe and other welding outfit	1
176	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Shaper	1
177	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Sheet metal forming tools and equipments	2
178	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Vertical Milling Machine	1
179	B.E.	Mechanical Engineering	3	2017	ME8361 MANUFACTURING TECHNOLOGY LABORATORY I	Moulding table, Moulding equipments	2
180	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Shunt motor-DC Series Generator set	1
181	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC shunt motor-DC Shunt Generator set	1
182	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase synchronous motor	1
183	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase Squirrel cage Induction motor	1
184	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase Slip ring Induction motor	1
185	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Three phase alternator	2
186	B.E.	Mechanical Engineering	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	Single phase transformer	2
187	B.E.	Mechanical	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Series motor	1

		Enginee ring					
188	B.E.	Mechan ical Enginee ring	3	2017	EE8361 ELECTRICAL ENGINEERING LABORATORY	DC Shunt motor	2
189	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Gear Hobbling Machine	1
190	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Horizontal Milling Machine	2
191	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	lathe Tool Dynamometer	1
192	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Milling Tool Dynamometer	1
193	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Radial Drilling Machine	1
194	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Surface Grinding Machine	1
195	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Tool and cutter grinder	1
196	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Tool Makers Microscope	1
197	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Turret and Capstan Lathes	1
198	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Vertical Milling Machine	1
199	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Gear Shaper machine	1
200	B.E.	Mechan ical Enginee ring	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Center less grinding machine	1

201	B.E.	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	CNC Lathe	1
202	B.E.	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	CNC milling machine	1
203	B.E.	Mechanical Engineering	4	2017	ME8462 MANUFACTURING TECHNOLOGY LABORATORY II	Cylindrical Grinding Machine	1
204	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
205	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Orifice meter setup	1
206	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Muffle Furnace (800 C)	1
207	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Metallurgical Microscopes	3
208	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Kaplan turbine setup	1
209	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Impact Testing Machine (300 J Capacity)	1
210	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Gear pump setup	1
211	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Francis turbine setup	1
212	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Centrifugal pump/submersible pump setup	1
213	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Brinell Hardness Testing Machine	1

214	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Pelton wheel setup	1
215	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Pipe Flow analysis setup	1
216	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Reciprocating pump setup	1
217	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Rockwell Hardness Testing Machine	1
218	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Rotameter setup	1
219	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
220	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Torsion Testing Machine (60 NM Capacity)	1
221	B.E.	Mechanical Engineering	4	2017	CE8381 STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY LABORATORY	Venturi meter setup	1
222	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Motorised gyroscope	1
223	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Cam follower setup	1
224	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Dynamic balancing machine	1
225	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Whirling of shaft apparatus	1
226	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Gear Models	1
227	B.E.	Mechanical Engineering	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Governor apparatus - Watt, Porter, Proell and Hartnell governors	1

		ical Enginee ring					
228	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Two rotor vibration setup	1
229	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Turn table apparatus	1
230	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Transverse vibration setup of cantilever	1
231	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Torsional Vibration of single rotor system setup	1
232	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Spring mass vibration system	1
233	B.E.	Mechan ical Enginee ring	5	2017	ME8511 KINEMATICS AND DYNAMICS LABORATORY	Kinematic Models to study various mechanisms	1
234	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Pin-fin apparatus	1
235	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Guarded plate apparatus	1
236	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with electrical loading	1
237	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with hydraulic loading	1
238	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with mechanical loading	1
239	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Air-conditioning test rig	1
240	B.E.	Mechan ical Enginee ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Apparatus for Flash and Fire Point	1
241	B.E.	Mechan ical	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Composite wall apparatus	1

		Engineer ring					
242	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Data Acquisition system with any one of the above engines	1
243	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Emissivity measurement apparatus	1
244	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Forced convection inside tube apparatus	1
245	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	I.C Engine 2 stroke and 4 stroke model	1
246	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Lagged pipe apparatus	1
247	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Multi-cylinder Petrol Engine	1
248	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Natural convection-vertical cylinder apparatus	1
249	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Parallel/counter flow heat exchanger apparatus	1
250	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Refrigeration test rig	1
251	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Single cylinder Petrol Engine	1
252	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Single/two stage reciprocating air compressor	1
253	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Steam Boiler with turbine setup	1
254	B.E.	Mechan ical Engineer ring	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Stefan-Boltzmann apparatus	1
255	B.E.	Mechan ical Engineer	5	2017	ME8512 THERMAL ENGINEERING LABORATORY	Thermal conductivity of insulating powder apparatus	1



		ring					
256	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Floating Carriage Micrometer	1
257	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Autocollimator	1
258	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Bore gauge	1
259	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Coordinate measuring machine	1
260	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Vernier Height Gauge	2
261	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Vernier depth Gauge	2
262	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Vernier Caliper	5
263	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Torque Measuring Setup	1
264	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Temperature Measuring Setup	1
265	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Telescope gauge	1
266	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Surface finish measuring equipment	1
267	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Slip Gauge Set	1
268	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Sine Bar	1
269	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY MEASUREMENTS LABORATORY and	Profile Projector / Tool Makers Microscope	1

		ring					
270	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Parallel / counter flow heat exchanger apparatus	1
271	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Micrometer	5
272	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Mechanical / Electrical / Pneumatic Comparator	1
273	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Gear Tooth Vernier	1
274	B.E.	Mechanical Engineering	5	2017	ME8513 METROLOGY and MEASUREMENTS LABORATORY	Force Measuring Setup	1
275	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	CNC Lathe	1
276	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Any High end integrated modeling and manufacturing CAD / CAM software	15
277	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Support for CAPP	30
278	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Licensed operating system	30
279	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Laser Printer	1
280	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	A3 size plotter	1
281	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	Computer Server	1
282	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
283	B.E.	Mechanical Engineering	6	2017	ME8681 CAD/CAM LABORATORY	CNC milling machine	1
284	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)	15

285	B.E.	Computer Science and Engineering	3	2017	CS8381 DATA STRUCTURES LABORATORY	Systems with Linux Operating System with gnu compiler	30
286	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Digital ICs	30
287	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Software: HDL simulator	30
288	B.E.	Computer Science and Engineering	3	2017	CS8382 DIGITAL SYSTEM LABORATORY	Digital trainer kits	30
289	B.E.	Computer Science and Engineering	3	2017	CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY	Systems with either Netbeans or Eclipse	30
290	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Server	1
291	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Visual Studio	30
292	B.E.	Computer Science and Engineering	4	2017	CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Systems with MySql	30
293	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
294	B.E.	Computer Science and Engineering	5	2017	CS8581 NETWORKS LABORATORY	Standalone Desktops	30
295	B.E.	Computer Science and	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8051 Microcontroller trainer kit	15

		Engineer ing					
296	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Keyboard & Display interface board compatible with 8086 & 8051 kits	5
297	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Traffic light control interfacing card compatible with 8086 & 8051 kits	5
298	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Stepper motor control interfacing compatible with 8086 & 8051kits	5
299	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5
300	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Printer interfacing card compatible with 8086 & 8051 kits	5
301	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8086 Microprocessor trainer kit with power supply	15
302	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5
303	B.E.	Comput er Science and Engineer ing	5	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Digital clock interfacing board compatible with 8086 & 8051 kits	5
304	B.E.	Comput er Science and Engineer ing	4	2017	CS8461 OPERATING SYSTEMS LABORATORY	Systems with Linux OS and GNU Computer	30
305	B.E.	Comput er Science and	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	Rational Suite (User License)	30

		Engineer ing					
306	B.E.	Comput er Science and Engineer ing	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	PCs	30
307	B.E.	Comput er Science and Engineer ing	5	2017	CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	Open Source Alternatives: ArgoUML,StarUML, Visual Paradigm (or) Equivalent Eclipse IDE and Junit	30
308	B.E.	Comput er Science and Engineer ing	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Java/JSP/ISP Webserver/Apache Tomcat / MySQL / Dreamweaver or Equivalent, WAMP/XAMP	30
309	B.E.	Comput er Science and Engineer ing	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Systems	30
310	B.E.	Comput er Science and Engineer ing	6	2017	CS8661 INTERNET PROGRAMMING LABORATORY	Server (Web Server)	1
311	B.E.	Comput er Science and Engineer ing	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
312	B.E.	Electronic s and Communi cation Engineeri ng	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Resistors, Capacitors, Inductors-	100
313	B.E.	Electronic s and Communi cation Engineeri ng	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	BC107,BC148,2N2646,BFW10	25
314	B.E.	Electronic s and Communi cation Engineeri ng	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	IN4007,Zener diodes	25
315	B.E.	Electronic s and Communi cation Engineeri ng	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Function Generators(3MHz)	10
316	B.E.	Electronic s and Communi	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Dual Regulated power Supplies(0-30V)	10

		Electronic Engineering					
317	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	CRO(30MHz)	15
318	B.E.	Electronics and Communication Engineering	2	2017	EC8261 CIRCUITS AND DEVICES LABORATORY	Bread Boards	15
319	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Transistor/FET (BJT-NPN-PNP and NMOS/PMOS)	50
320	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Dual Regulated Power Supplies ( 0 - 30V)	15
321	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Computer with HDL software	15
322	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Dual power supply/single mode power supply	15
323	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Diodes, Zener diode	10
324	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Bread Boards	15
325	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	CRO (30MHz)	15
326	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Resistors, Capacitors, Inductors	50
327	B.E.	Electronics and Communication Engineering	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Seven segment display	15

		ng					
328	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Signal Generator /Function Generators (3 MHz)	15
329	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Standalone desktop PCs with SPICE software	15
330	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	Multimeter	15
331	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	IC Trainer Kit	15
332	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8361 ANALOG AND DIGITAL CIRCUITS LABORATORY	ICs 7400/ 7402 / 7404 / 7486 / 7408 / 7432 / 7483 / 74150 / 74151 / 74147 / 7445 / 7476/7491/ 555 / 7494 / 7447 / 74180 / 7485 / 7473 / 74138 / 7411 / 7474	50
333	B.E.	Electronic s and Communi cation Engineeri ng	3	2017	EC8381 FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY	Standalone desktops (or) Server supporting with C compiler	30
334	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Digital LCR Meter	2
335	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Digital Multimeter	15
336	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Dual Regulated Power Supplies ( 0 - 30V)	15
337	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Signal Generator /Function Generators (2 MHz)	15

338	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	CRO (Min 30MHz)	15
339	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Standalone desktops PC	15
340	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Transistor/FET (BJT-NPN-PNP and NMOS/PMOS)	50
341	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	Transistors, Resistors, Capacitors, Inductors, diodes, Zener Diodes, Bread Boards, Transformers	50
342	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY	SPICE Circuit Simulation Software (any public domain or commercial software)	15
343	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Signal Generator /Function Generators (2 MHz)	15
344	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	CRO /DSO (Min 30MHz)	15
345	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Digital Multimeter	15
346	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Dual Regulated Power Supplies ( 0 - 30V)	15
347	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	IC tester	5



348	B.E.	Electronic s and Communi cation Engineeri ng	4	2017	EC8462 LINEAR INTEGRATED CIRCUITS LABORATORY	Standalone desktops PC	15
349	B.E.	Electronic s and Communi cation Engineeri ng	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
350	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	Signal Generators (1MHz)	20
351	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	PCs with Fixed / Floating point DSP Processors (Kit / Add-on Cards)	15
352	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	MATLAB with Simulink and Signal Processing Tool Box or Equivalent Software in desktop systems	15
353	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8562 DIGITAL SIGNAL PROCESSING LABORATORY	CRO (20MHz)	20
354	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Patch cords	100
355	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	PCs	20
356	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	DSO	4
357	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Kits for Signal Sampling, TDM, AM, FM, PCM, DM and Line Coding Schemes, Error control code	14
358	B.E.	Electronic s and Communi	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	MATLAB/SCILAB or equivalent software package for simulation experiments	20

		ation Engineeri ng					
359	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	MSO	4
360	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	Probes(CRO)	30
361	B.E.	Electronic s and Communi cation Engineeri ng	5	2017	EC8561 COMMUNICATION SYSTEMS LABORATORY	CROs	15
362	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Stepper motor control interfacing compatible with 8086 & 8051kits	5
363	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Traffic light control interfacing card compatible with 8086 & 8051 kits	5
364	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8051 Microcontroller trainer kit	15
365	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	8086 Microprocessor trainer kit with power supply	15
366	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5
367	B.E.	Electronic s and Communi cation Engineeri ng	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Digital clock interfacing board compatible with 8086 & 8051 kits	5
368	B.E.	Electronic s and Communi cation	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Keyboard & Display interface board compatible with 8086 & 8051 kits	5

		Engineering					
369	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Printer interfacing card compatible with 8086 & 8051 kits	5
370	B.E.	Electronics and Communication Engineering	6	2017	EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5
371	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	Standard LAN Trainer Kits	4
372	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	Qualnet /Optisim /Matlab /NS2/ Netsim	30
373	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	PCs	30
374	B.E.	Electronics and Communication Engineering	5	2017	EC8563 COMMUNICATION NETWORKS LABORATORY	C / Python / Java / Equivalent Compiler	30
375	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Cadence/Synopsis/ Mentor Graphics/Tanner/equivalent EDA Tools	10
376	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Personal Computer	30
377	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Xilinx/Altera/equivalent FPGA Boards	10
378	B.E.	Electronics and Communication Engineering	6	2017	EC8661 VLSI DESIGN LABORATORY	Xilinx ISE/Altera Quartus/ equivalent EDA Tools	10

379	B.E.	Electronic s and Communi cation Engineeri ng	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
380	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Advanced Optical fiber trainer kit for PC to PC communication, BER Measurement, Pulse broadening	2
381	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Digital Communications Teaching Bundle (LabVIEW/MATLAB/Equivalent software tools)	10
382	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Kit for measuring Numerical aperture and Attenuation of fiber	2
383	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	LEDs with ST/SC/E2000 receptacles - 650 / 850 nm	2
384	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	MM/SM Glass and plastic fiber patch chords with ST/SC/E2000 connectors	2
385	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	PIN PDs with ST / SC / E2000 receptacles - 650 / 850 nm	2
386	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Trainer kit for carrying out LED and PIN diode characteristics, Digital multi meter, optical power meter	2
387	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Trainer kit for determining the mode characteristics, losses in optical fiber	2
388	B.E.	Electronic s and Communi cation Engineeri ng	7	2017	EC8761 ADVANCED COMMUNICATION LABORATORY	Software Define Radio Transceiver Platform with antennas and accessories	2
389	B.E.	Electrica l and Electroni cs Engineer ing	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Single Phase Energy Meter	1

390	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Digital Storage Oscilloscope (20 MHz)	1
391	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	e-Sim/Scilab/Pspice / Matlab /other Equivalent software Package)	10
392	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Function Generator (1 MHz)	10
393	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Multi-meters	10
394	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Oscilloscope (20 MHz).	10
395	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	PC With Circuit Simulation Software ( 10 Users )	10
396	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Printer	1
397	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Regulated Power Supply: 0 - 15 V D.C	10
398	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Single Phase Wattmeter	3
399	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	AC/DC - Voltmeters	10
400	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Ammeters	10

401	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Circuit Connection Boards	10
402	B.E.	Electrical and Electronics Engineering	2	2017	EE8261 ELECTRIC CIRCUITS LABORATORY	Decade Resistance Box, Decade Inductance Box, Decade Capacitance Box (Each)	6
403	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
404	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Resistors, Capacitors and inductors	10
405	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Regulated 3 output Power Supply 5 +_ 15V	10
406	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Necessary digital IC 8	10
407	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Function Generators	10
408	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	CRO	10
409	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Storage Oscilloscope	1
410	B.E.	Electrical and Electronics Engineering	3	2017	EC8311 ELECTRONICS LABORATORY	Bread boards	10
411	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	LED	10

412	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Zener diodes	10
413	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Transistor - 2N3391	10
414	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Step-down transformer 230V/12-0-12V	10
415	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Single Strand Wire	10
416	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Resistors 1/4 Watt Assorted	10
417	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Potentiometer	10
418	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	LM723	10
419	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	LM317	10
420	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	IC Tester (Analog)	2
421	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	ICSG3524 / SG3525	10

422	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	IC 741/ IC NE555/566/565	10
423	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Function Generator	8
424	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Dual ,(0-30V) variable Power Supply	10
425	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Diodes, IN4001, BY126	10
426	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Digital Multimeter	10
427	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Digital IC types	10
428	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	CRO	9
429	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Computer (PSPICE installed)	1
430	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Capacitor	10
431	B.E.	Electrical and Electronics Engineering	4	2017	EE8461 LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	Bread board	10



432	B.E.	Electrical and Electronics Engineering	5	2017	CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY	Systems with either Netbeans or Eclipse	30
433	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Compound motor with loading arrangement	1
434	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Induction Motor with Loading Arrangement	1
435	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Resistive Loading Bank	2
436	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Transformer	4
437	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Single Phase Auto Transformer	2
438	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor with Loading Arrangement	3
439	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With Three phase Alternator	1
440	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With DC Compound Generator	2
441	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Series Motor with Loading Arrangement	1
442	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Tachometer -Digital/Analog	8

443	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Resistive Loading Bank	2
444	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Auto Transformer	1
445	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	Three Phase Induction Motor with Loading Arrangement	2
446	B.E.	Electrical and Electronics Engineering	3	2017	EE8311 ELECTRICAL MACHINES LABORATORY I	DC Shunt Motor Coupled With DC Shunt Generator	1
447	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	AC Synchro transmitter & receiver	1
448	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	30 psi Pressure chamber (complete set)	1
449	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	2MHz Function Generator	1
450	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	100gm weights	10
451	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Watt-hour meter (energy meter)	1
452	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Voltmeter Rheostat Stop watch Connecting wires	20
453	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Thermometer	1

		cs Engineer ing					
454	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Thermistor (silicon type) RTD nickel type	1
455	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	PID controller simulation and learner kit	1
456	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Tacho Generator Coupling set	1
457	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Strain Gauge Kit with Handy lever beam	1
458	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Single phase Auto transformer	1
459	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Instrumentation Amplifier kit	1
460	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	LVDT20mm core length movable type	1
461	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Optical sensor	1
462	B.E.	Electrica l and Electroni cs Engineer ing	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Personal computers with control system simulation packages	10
463	B.E.	Electrica l and Electroni cs	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Position Control Systems Kit (with manual)	1

		Engineering					
464	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	R, L, C Bridge kit (with manual)	1
465	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	DSO for capturing transience	1
466	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Electric heater	1
467	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
468	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	IC trainer kit	1
469	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Air foot pump (with necessary connecting tubes)	1
470	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Analog - Digital and Digital - Analog converters (ADC and DACs)	1
471	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	CRO 30MHz	1
472	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	CRO 30MHz	1
473	B.E.	Electrical and Electronics	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Current generator (0- 20mA)	1

		Engineering					
474	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
475	B.E.	Electrical and Electronics Engineering	5	2017	EE8511 CONTROL AND INSTRUMENTATION LABORATORY	Digital multi meters, speed and torque sensors	10
476	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Single Phase Induction Motor with Loading Arrangement	2
477	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Single Phase Resistive Loading Bank	2
478	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Three Phase Resistive Loading Bank	2
479	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Synchronous Induction motor 3HP	1
480	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Tachometer -Digital/Analog	8
481	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
482	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Three Phase Auto Transformer	3
483	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Three Phase Induction Motor with Loading Arrangement	2
484	B.E.	Electrical and Electronics Engineering	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Single Phase Auto Transformer	2

		cs Engineer ing					
485	B.E.	Electrica l and Electroni cs Engineer ing	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	DC Shunt Motor Coupled With Three phase Alternator	4
486	B.E.	Electrica l and Electroni cs Engineer ing	4	2017	EE8411 ELECTRICAL MACHINES LABORATORY II	Capacitor Bank	1
487	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Switched mode power converter module/Discrete Component	2
488	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	SCR & TRIAC based 1 phase AC controller along with lamp or rheostat load	2
489	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Rheostats of various ranges	2
490	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Multimeter	5
491	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	MOSFET based step up and step down choppers(Built in/ Discrete)	1
492	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	LCR meter	3
493	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Isolation Transformer	5
494	B.E.	Electrica l and Electroni cs Engineer ing	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	IGBT based three phase PWM inverter module/Discrete Component	2
495	B.E.	Electrica l and Electroni cs Engineer	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	IGBT based single phase PWM inverter module/Discrete Component	2

		ing					
496	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Dual regulated Dc power supply with common ground	5
497	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
498	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	DC and AC meters of required ranges	20
499	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Cyclo converter kit with firing module	1
500	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Components (Inductance, Capacitance )	3
501	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Cathode ray Oscilloscope	10
502	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Single phase Auto transformer	3
503	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
504	B.E.	Electrical and Electronics Engineering	6	2017	EE8661 POWER ELECTRONICS AND DRIVES LABORATORY	Work tables	10
505	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8279 Keyboard / Display Interface board	5
506	B.E.	Electrical and Electronics	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	AC & DC motor with Controller	5

		Engineering					
507	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	ADC and DAC card	5
508	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	Traffic Light Control System	5
509	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8051 Micro Controller Trainer Kit with power supply	15
510	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8085 Microprocessor Trainer with Power Supply	15
511	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8251 Interface board	5
512	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8254 timer counter	5
513	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8255 Interface board	5
514	B.E.	Electrical and Electronics Engineering	6	2017	EE8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	8259 Interface board	5
515	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Slump cone apparatus	2
516	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Sieve set (IS sieves 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron and 75 micron )	2
517	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Shallow flat bottom dish	2



518	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Aggregate Impact Value Apparatus	1
519	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Aggregate Crushing Value Apparatus	1
520	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Beam Mould	6
521	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Pycnometer	2
522	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Concrete mixing machine	1
523	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Cylindrical metal measure of 3 litre capacity	2
524	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Flexure testing machine	1
525	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Oven	1
526	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Length gauge	2
527	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	IS sieves 12.5 mm, 10 mm and 2.36 mm	2
528	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	IS Sieves 40 mm, 31.5 mm, 25 mm, 20mm, 16mm, 12.5 mm, 10mm, 6.3 mm	2
529	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Weighing Balance or scale (accuracy 1 g)	1
530	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Weighing Balance or scale (accuracy 0.5g)	1
531	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Compaction factor apparatus	1
532	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Compression testing machine	1
533	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Concrete Cubes	6
534	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Concrete Cylinders	6
535	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Trowels and Pans	1

536	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Thickness gauge	2
537	B.E.	Civil Engineering	3	2017	CE8311 CONSTRUCTION MATERIALS LABORATORY	Tamping rod	3
538	B.E.	Computer Science and Engineering	7	2017	IT8761 SECURITY LABORATORY	PCs	30
539	B.E.	Computer Science and Engineering	7	2017	IT8761 SECURITY LABORATORY	C/C++/Java or equivalent compiler GnuPG, snort, N-Stalker or Equivalent	30
540	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
541	B.E.	Electronics and Communication Engineering	7	2017	EC8711 EMBEDDED LABORATORY	Embedded trainer kits with ARM board	10
542	B.E.	Electronics and Communication Engineering	7	2017	EC8711 EMBEDDED LABORATORY	Embedded trainer kits suitable for wireless communication	10
543	B.E.	Electronics and Communication Engineering	7	2017	EC8711 EMBEDDED LABORATORY	Adequate quantities of Hardware, software and consumables	10
544	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Power System simulation software	5
545	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Compilers C,C++,VB,VC++	30
546	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Dot matrix	1
547	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Personal computers(Intel i3, 80GB, 2GBRAM)	30

548	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Server (Intel i5,80GB,2GBRAM) (High speed processor)	1
549	B.E.	Electrical and Electronics Engineering	7	2017	EE8711 POWER SYSTEM SIMULATION LABORATORY	Printer laser	1
550	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Color Desk Jet Printer	1
551	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Computer Work Station	15
552	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	Multibody Dynamic software suitable for Mechanism simulation and analysis	15
553	B.E.	Mechanical Engineering	7	2017	ME8711 SIMULATION AND ANALYSIS LABORATORY	C/MATLAB	5
554	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	8051 - Microcontroller kit with stepper motor and drive circuit sets	2
555	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Basic Pneumatic Trainer kit with manual and electrical controls/PLC control each	1
556	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Image processing system with hardware & software	1
557	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Hydraulics and Pneumatics systems simulation software	1
558	B.E.	Mechanical Engineering	7	2017	ME8781 MECHATRONICS LABORATORY	Basic Hydraulic Trainer kit	1
559	B.E.	Mechanical Engineering	3	2017	ME8381 Computer Aided Machine Drawing	Printer	1
560	B.E.	Mechanical Engineering	3	2017	ME8381 Computer Aided Machine Drawing	Computers with necessary accessories	30
561	B.E.	Mechanical	3	2017	ME8381 Computer Aided Machine Drawing	Assembly drawings using any 2D/3D CAD software	30

		Engineer ing					
562	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Digital Multimeter	10
563	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	CRO 30MHz	9
564	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Potentiometer	5
565	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	PV Emulator	1
566	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	PV panels-100W, 24V	1
567	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Step-down transformer 230v/12-0-12v	5
568	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Battery storage system with charge and discharge control 40Ah	1
569	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Personal computers(Intel i3, 80GB, 2GBRAM)	15
570	B.E.	Electrical and Electronics Engineering	7	2017	EE8712 RENEWABLE ENERGY SYSTEMS LABORATORY	Micro Wind Energy Generator module	1

### 15 c) Computing Facilities

S No	Particulars	Description
1	Internet Bandwidth	Sky Link Fiber net – 60Mbps
		BSNL – 40Mbps
2	Security	Sonic Firewall for internet usage, Surveillance Camera's installed in Sriet Campus
3	No of Systems	HP System with I3 Processor – 400
4	No of Server	IBM Blade Server – 1
5	Facilities	Wi-Fi access available for staff and students and Hostels
		Digital library
		Bio metric for staff attendance
		Campus ERP System for Students and Staffs
6	Labs (11-Labs)	CP-Lab, DS-Lab, DBMS-Lab, Network-Lab, OOPS-Lab, DSP-Lab, Electronics-Lab, Power Simulation-Lab, Civil Cadd-Lab, Mech Cadd-Lab, Communication-Lab
7	Innovation Cell	Yes
8	Social Media Cell	No

### 15 d) List of Facilities available

#### i) Games and Sports

S. no	Categories	Facilities	Area (Sq. m)	No. of Ground
1	Outdoor	Athletic Track Field	8944	1
		Cricket		
		Foot and Cricket Field		
		Volley Ball		
2	Outdoor	Hand Ball	800	1
3		Teni Koit	84	1
		Badminton Court		
4	Outdoor	Kabaddi Court	2800	1
		Kho Kho Court		
		Ball Badminton Court		
		Long Jump		
5	Outdoor	Tennis Court	1988	1
6	Indoor	Table Tennis Carrom Chess	75	1
7	Indoor	Team Gym Aerobic Gymnastics Front Role	100	1
8	Gymnasium	Gym (Men & Women)	64	1
9	Yoga Centre	Indoor Stadium	70	1

## ii) Extra-Curricular Activities

- 1) NSS
- 2) YRC
- 3) Cultural Activities
- 4) Swach Bharat
- 5) Unnat Bharat Abiyan (UBA)
- 6) Tamil & Literary Club
- 7) Yoga

## iii) Soft Skill Development

- Learning Platform : NPTEL, COURSERA, MOOC
- Device Facilitation : Computers, Laptops
- Teaching Enhancement Techniques: OBLF, Mind Map

Students need soft skills to be successful in their careers. Soft skills are personality traits that facilitate interaction with others in a meaningful way. Since most employers offer teamwork, soft skills are essential for students to improve employability skills that land on a dream career. They perform a significant role in the overall development of students' identities, thereby improving their career aspirations. This enables students to become self-assured individuals, as well as to develop all-around personalities with mature outlooks capable of functioning effectively in various situations.

## 15 e) Teaching Learning Process

- **Curricula and syllabus for each of the programmes as approved by the University : Yes**
- **Link:** [https://cac.annauniv.edu/PhpProject1/aidetails/ai\\_ug\\_cands\\_2017ft.html](https://cac.annauniv.edu/PhpProject1/aidetails/ai_ug_cands_2017ft.html)

**Academic Calendar University:** <https://cac.annauniv.edu/>

**Academic Time table :**

**Link:** [..\Downloads\master tt overall 2020-21.xls](#)

- Teaching load of each faculty  
According to the AICTE and Anna University guidelines,  
Professor – 10-12 hrs per week  
Associate Professors – 15-17 hrs per week  
Assistant Professors – 18-21 hrs per week

## Internal Continuous Evaluation System and place:

- Every semester, students will be required to complete three continuous assessment tests.
- Marks will be granted based on performance in internal assessment tests.

## Student's Assessment of Faculty:

- Students offer feedback on faculty once a semester, which is collected by the concerned Head of Department, and the faculty's status is reported to the Principal in order to enhance the teaching-learning process.

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

S.No	Academic Year	No. of Student Placed	Avg. salary per annum
1	2021-22	88 (till February, 2022)	2.45 LPA
2	2020-21	54	1.9 LPA
3	2019-20	69	1.5 LPA

**17. List of Research Projects/ Consultancy works****17a) Number of Projects carried out, funding agency, Grant received**

S.no	Title of the Project / Grant received to conduct Conference, Workshops,	Name of the Principal Investigator/Co-Investigator	Name of the Funding Agency	Grant Received (in Rs)
1	Image Processing and Edge Detection Technic Based Diseases Detection and Alert of tea plant	J. Rajiv Gandhi	TNSCST	6000
2	Smart Walking Stick for Visually Disabled Persons	P.Jeyabharathi	TNSCST	4500

**17b) Publications out of research in last three years out of masters projects**

S.No	Title Of The Paper	Name Of The Authors	Name Of The Journal
1.	Identification Of Civil Infrastructure Damage Using Ensemble Transfer Learning Model	Dr Sheela V	Hindawi-Advances In Civil Engineering
2.	Experimental Study On Cold Formed Steel Hollow Box Section Coupled With I Section	Dr Sheela V	Design Engineering Toronto
3.	Optimal Path Routing Using Fuzzy Logic In Wireless Sensor Networks	Dr.J.Maalmarugan	International Journal Of Creative Research Thoughts - Ijert

4.	Growth, Characterizations, And The Structural Elucidation Of Diethyl-2-(3-Oxoiso-1, 3-Dihydrobenzofuran-1-Ylidene) Malonate Crystalline Specimen For Dielectric And Electronic Filters, Thermal, Optical, Mechanical, And Biomedical Applications Using Conventional Experimental And Theoretical Practices	Dr.J.Maalmarugan	Journal Of Materials Science: Materials In Electronics
5.	Synthesis, Experimental And Computational Characterizations Of 8, 9-Dimethoxybenzo [B] Naphtho [2, 3-D] Thiophene (Dbnt) Crystals For Electro-Mechano Utilities	Dr.J.Maalmarugan	Inorganic Chemistry Communications
6.	Image-Based Plant Diseases Detection Using Deep Learning	Mrs.K.Bagyalakshmi	Elsevier
7.	Speech Emotion Recognition Based On Bi-Directional Lstm Architecture And Deep Belief Networks	P.Dhilipkumar	Materials Today-Elsiver
8.	Evaluating The Mechanical Behavior Of Fused Deposition Modeling Parameters Of Raster Angle And Layer Thickness Effects On As-Built And Annealed Polymer Associate Composites	Mr. A.R. Sivanesh	Sae International
9.	Electrochemical Sensors Of Food Colorant–Eosin Y Dye On Carbon Nanomaterials Modified Glassy Carbon Electrode	Kavitha, B	Materials Today: Proceedings
10.	Synthesis, Characterization And Electrochemical Sensors Application Of Mno <sub>2</sub> Nanoparticles	Kavitha, B	Materials Today: Proceedings
11.	Evaluation Of Structural, Surface Morphological And Thermal Properties Of Ag-Doped Zno Nanoparticles For Antimicrobial Activities	B Ranjithkumar	Physica E: Low-Dimensional Systems And Nanostructures
12.	Bio-Ingredients Assisted Synthesis Of Fe Doped Zinc Oxide Nanostructures: Study On Structural, Optical, Morphological And Thermal Properties	B Ranjithkumar	Ceramic International
13.	Deepsense—Deep Neural Network Framework To Improve The Network Lifetime Of Iot-Manets	C.Suresh	International Journal Of Communication Systems



14.	Synthesis, Growth, Xrd, Nlo, Chnso, Computational-Structural, Dielectric, Photoconductivity, Hardness And Biostudies Of Diethyl 2-Amino-5-{4-[Bis (4-Methyl Phenyl) Amino] Benzamido} Thiophene-3, 4-Dicarboxylate (Dabmpabtd) Macro-, Nano Crystals For Device Fabrication, Pharma, Electronic Uses	Dr.J.Maalmarugan	Journal Of Materials Science: Materials In Electronics
15.	Synthesis, Growth, Xrd, Nlo, Chnso, Structure By Theoretical Approach, Dielectric, Absorbance, Photoconductivity And Bio Studies Of 4-(4-Acetyl-5-Methyl-1h-1, 2, 3-Triazol-1-Yl) Benzonitrile Crystals For Optical, Opto-Electronic, And Photonics Utilities	Dr.J.Maalmarugan	Journal Of Materials Science: Materials In Electronics
16.	Hybrid Pwm Modulated Cross Switched Asymmetrical Multilevel Inverter With Reduced Number Of Conducting Device	Dr.J.Maalmarugan	International Journal Of Power Electronics
17.	Gesture Recognition And Segmentation Using Countour Model	P.Dhilipkumar,J.R.Nis hanth, D.Silambarasan	International Journal Of All Research Education And Scientific Methods (Ijaresm)
18.	Railway Track Crack Detection System Using Atmega328	Dr.M.Meenakumari	Journal Of Remote Sensing Gis & Technology
19.	Obstacle Detection And Alert System For Visually Impaired People	Dr.M.Meenakumari	International Journal Of Advanced Research In Science Communication And Technology
20.	Monitoring Of Emotional Status And Identity Verification Of Vehicle Driver	Dr.M.Meenakumari	Annals Of R.S.C.B
21.	An Efficient Method For Text Detection And Recognition In Still Images	Dr.M.Meenakumari	Annals Of R.S.C.B
22.	Optimal Resource Allocation Using Software Defined Network For Wireless Iot Application Using Rbfnn	P.Jeyabharathi	Tierärztliche Praxis
23.	Plant Disease Detection Using Fuzzy Clasification	A.Periyanan	<u>Annals Of The Romanian Society For Cell Biology</u>
24.	Natural Fuels (Honey And Cow Urine) Assisted Combustion Synthesis Of Zinc Oxide Nanoparticles For Antimicrobial Activities	B Ranjithkumar	Ceramic International

25.	Study On Structural Behaviour Of Column With Different Orientation: Structural And Aesthetic View	R.Kalaivaani	Materials Today Proceedings
26.	Development Of Intelligent Self-Balancing E-Bike Using Machine Learning	C.P.Thamilselvi	Journal Of Critical Reviews
27.	Compression Of Satellite Images Using Enhanced Fractal Image Compression	Dr.R.Mekala	Journal Of Critical Reviews
28.	Survey On Impact Of Data Analytics Techniques In E-Commerce	C.Suresh	Materials Today Proceedings
29.	Women And Children Safety Sos System Iot Based Witness Record System	P.Jeyabharathi	International Journal Of Advanced Research In Electrical Electronics And Instrumentation Engineering
30.	Electronic Smart Car With Billing Assistance In Super Market	P.Jeyabharathi	Iconic Research And Engineering,
31.	Smart Shopping Trolley For Automated Billing In Supermarket	Dr.M.Meenakumari	Journal Of Advanced Research In Dynamic And Control Systems
32.	Obstacle Detection And Alert System For Visually Impaired People	Dr.M.Meenakumari	International Journal Of Advanced Research In Science,Communication And Technology
33.	Directional Weighted Hybrid Median Based Fuzzy Filter For Denoising Random Valued Impulse Noise	R.Tamilselvi	Aip-Conference Proceedings
34.	Fuzzy Based Denoising Under Water Images By Hybrid Filter	R.Tamilselvi	Aip-Conference Proceedings
35.	A Random Process Approach To Study The Performance Of Engineering Students In Professional Institutions	R.Tamilselvi	Aip-Conference Proceedings
36.	Effect Of Hybrid Max Filter And Edge Detection On Scanning Electron Microscope Picture Of Calcium Oxide And Copper Oxide Nanocomposites	R.Tamilselvi	Solid State Technology

37.	An Image Processing Approach For Measuring The Roughness Of The Electroplated Nimo And Nip Nano Crystalline Thin Layer Surfaces	R.Tamilselvi	Solid State Technology
38.	Comparative Study On Performance Of Document Classification Using Supervised Machine Learning Algorithms: Knime	K.Bagyalakshmi	International Journal On Emerging Technologies
39.	Cognitive Knowledge Of Routing Protocol Configuration In Smart City	K.Bagyalakshmi	International Journal On Emerging Technologies
40.	Experimental Study On Mechanical Properties Of Randomly Oriented Natural Fiber Hybrid Composites	S.Om Prakash	Iranian Journal Of Energy And Environmet
41.	Q-Fuzzy Derivations On N-Picture Fuzzy Soft Subgroup Structures	Dr. S.V. Manemaran	International Journal Of Mathematics And Computer Applications Research
42.	Novel Cubic Fermatean Fuzzy Soft Ideal Structures	S.V. Manemaran	International Journal Of Innovative Technology And Exploring Engineering
43.	A Group Action On Picture Fuzzy Soft G-Modules	S.V. Manemaran	International Academy Of Science Engineering And Technology(Iaset)
44.	S-Fuzzy Soft Quotient Group Under Congruence Relation	Dr. S.V. Manemaran	International Journal Of Research And Analytical Review (Ijrar)
45.	Level Cut $C(S, T, \Lambda)$ Of Neutrosophic Fuzzy Soft Relations	Dr. S.V. Manemaran	International Journal Of Research And Analytical Review (Ijrar)
46.	Applications Of Step N-Fuzzy Factor Group Under Fuzzy Version	Dr. S.V. Manemaran	Global Journal Of Engineering Science And Research
47.	On Some Computational Algorithms For N-Fold Picture Fuzzy N-Ideals In Ku-Algebras	Dr. S.V. Manemaran	International Journal Of Research And Analytical Review (Ijrar)
48.	Quantification Of Picric Acid On Nanosphere Polypyrrole Modified Electrode By Stripping Voltammetry Method	Dr. B. Kavitha	Journal Of The Mexican Chemical Society

### 17c) Industry Linkages

- HCL Technologies
- SRI Industries

- Solution Champs Pvt. Ltd.
- Paragon Digital
- NVH Korea
- Exterro Technologies
- Worksbot Applications
- Palle Technologies
- I-Bacus Technologies
- Prithiv Associates
- Wizard Systems
- NoviTech R & D Pvt. Ltd.
- Skilldzire Technologies Pvt. Ltd.
- Triox Technologies
- COCENA Coimbatore
- Gateway Software Solutions
- Hack up Technologies
- Innovo Tree Technologies
- CompTIA Technology
- Sundrop Energy Solutions

**17d) MoUs with Industries**

<b>S.No</b>	<b>Name of the Industry</b>	<b>Year of Signing MoU</b>	<b>Duration</b>
1	Prithvi Associates	2021-22	1 year
2	I-BACUS-TECH	2021-22	3 years
3	IPCS	2021-22	1 year
4	Wizard Systems	2021-22	1 year
5	K N R Systems	2021-22	1 year
6	NoviTech R&D Pvt. Ltd.,	2021-22	3 Years

7	Sundrop Energy Solutions	2021-22	3 years
8	Skilldzire Technologies Private Limited, Hyderabad	2021-22	3 years
9	TUV Rheinland NIFE Academy Pvt. Ltd., Coimbatore	2021-22	2 Years
10	Thee Creators	2020-21	1 year
11	Triox Technologies	2020-21	3 Years
12	COCENA, Coimbatore	2019-20	3 years
13	Hack Up Technology, coimbatore	2019-20	3 years
14	CADD Technologies School of Design Pvt., Ltd., Coimbatore	2019-20	3 years
15	S&G Inventors, Coimbatore	2019-20	3 years
16	Gateway Software Solutions, Coimbatore	2019-20	3 years
17	TwirlTact Technology Solution Pvt.Ltd. Coimbatore	2019-20	3 years
18	Elysium Academy, Coimbatore	2019-20	3 years
19	Innovo Tree Technologies, Namakkal	2019-20	3 years
20	CompTIA Technology	2019-20	3 years
21	VEE EEE Technologies Pvt. Ltd. Chennai	2019-20	3 years
22	Pantech India Pvt Ltd, Coimbatore	2019-20	2 years
23	Madras Radiators and Pressings Ltd, Coimbatore	2019-20	3 years

24	V- Land Best Hub Pvt. Ltd. Coimbatore	2019-20	3 years
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**18. LoA and subsequent EoA till the current academic year**

EoA : <https://www.sriet.ac.in/wp-content/uploads/2021/06/4.-AICTE-Approval.pdf>

**19. Accounted audited statement for the last three years**

<https://www.sriet.ac.in/audit-statements/>

**20. Best practices adopted**

<https://www.sriet.ac.in/best-practices-of-sriet/>