



**Anna University, Chennai**  
**Dhanalakshmi College of Engineering - 4107**

**Consolidated\_Report**

**1.College**

<b>Name Of the College</b>	DHANALAKSHMI COLLEGE OF ENGINEERING
<b>Address</b>	MANIMANGALAM PUDUCHERI ROAD, MANIMANGALAM, MANIMANGALAM POST, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT, CHENNAI
<b>Pincode</b>	601301
<b>Year of establishment of the college</b>	2000
<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 Numbers</b>	9841027738
<b>Telephone Numbers</b>	044 - 71700800
<b>Other Telephone Numbers</b>	044 - 71700800
<b>E mail ID</b>	principal@dce.edu.in
<b>Website Address</b>	www.dce.edu.in
<b>Inclusion under Sections 2(f) and 12(B) of the UGC Act, 1956</b>	
<b>Section 2(f)</b>	Included
<b>Letter No. and date, if included</b>	8-578/2017 (CPP-I/C) & 19-09-2023
<b>Section 12(B)</b>	Included
<b>Letter No. and date, if included</b>	8-578/2017 (CPP-I/C) & 19-09-2023
<b>Any other Accreditation / Recognition</b>	NAAC
<b>National Assessment and Accreditation Council</b>	

### 3. Principal

<b>Name</b>	Dr. PRADEEP KUMAR AR		
<b>Date of birth</b>	01-06-1972		
<b>Age</b>	52		
<b>Father Name</b>	Mr. REMIGIOUS A		
<b>Date of joining</b>	13-05-2008		
<b>Experience</b>	31		
<b>Telephone number - Office</b>	044 - 71700800		
<b>Telephone number - Residence</b>	044 - 71700800		
<b>Mobile number</b>	9941424337		
<b>E-mail</b>	principal@dce.edu.in		
<b>Residential Address Line 1</b>	1, LAKSHMI NAGAR, CHROME PET		
<b>Line 2</b>	CHENNAI-600044		
<b>District</b>	Chengalpattu		
<b>Educational Qualification</b>	<b>Degree</b>	<b>Specialization</b>	<b>Class</b>
	Ph.D.	Faculty of Mechanical Engineering	First Class
	M.E.	Others-REFRIGERATION AND AIR CONDITIONING	Second Class
	B.E.	Mechanical Engineering	First Class
<b>Title of the Ph.D. Thesis</b>	Experimental investigation performance combustion and emission parameters of biodiesel water emulsion on lhr di diesel engine		

## 4.Governing council

Name	Position	Qualification	Present Designation / Occupation	Telephone Numbers	Mobile No.	E-mail id	Address
Mr. RAMANATHAN TN	Members	M.B.A.-Master of Business Administration	RETIRED IAS OFFICER	044 - 71700800	8072432933	TNRAMNATH579@GMAIL.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. VISWANATH BA	Members	Ph.D.-Faculty of Technology	SENATE MEMBER RAJIV GANDHI UNIVERSITY OF HEALTH	044 - 71700800	9176700800	DRVISWANATHHBA@GMAIL.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. ANBU RATHINAVEL	Members	Ph.D.-Faculty of Information and Communication Engineering	CHIEF DESIGN OFFICER INTELLECT ARENA	044 - 71700800	9884058512	ANBU.RATHI.NAVEL@INTELLECTDESIGN.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. PANNEER SELVAM MA	Members	Ph.D.-Electrical and Electronics Engineering	DEAN TAGORE ENGINEERING COLLEGE	044 - 71700800	9003231499	MAPSELVAM@GMAIL.COM	TAGORE ENGINEERING COLLEGE, VANDALUR - CHENNAI Kancheepuram
Dr. ANANDHA KUMAR P	University Nominee	Ph.D.-Faculty of Information and Communication Engineering	PROFESSOR COMPUTER TECHNOLOGY MIT ANNA UNIEVRSITY	044 - 71700800	9841667886	ANANDH@MITINDIA.EDU	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. ANNAMALAI K	University Nominee	Ph.D.-Faculty of Mechanical Engineering	PROFESSOR AND HEAD AUTOMOBILE ENGG MIT ANNA UNIV	044 - 71700800	9444280650	DRKAM@MITINDIA.EDU	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Mr. GOPINATHAN PR	Members	M.B.A.-Master of Business Administration	ADVOCATE COUNSEL FOR UGC	044 - 71700800	9840671189	P_R GOPINATHAN2003@YAHOO.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. RAMESH VENKATESAN	Members	M.B.A.-Others-OPERATION MANAGEMENT	CEO KAIZENAT	044 - 71700800	9845347769	RAMESH@KAIZENAT.COM	DHNALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Mr. SUDHAKAR GOVINDAN G	Members	M.B.A.-Master of Business Administration	GENERAL MANAGER WIPRO	044 - 71700800	9840174703	SUDHAKAR.GOVINDAN@WIPRO.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. KUMAR PS	Members	Ph.D.-Faculty of Management	EXECUTIVE DIRECTOR PRITHVI GROW CARE	044 - 71700800	9841001910	ED@PRITHVI.GROW.COM	DHNALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Mr. VASU M	Members	B.A.-English	aCADEMIC AND FINANCE aDVISOR	044 - 71700800	7299953787	VASU.M@GMAIL.COM	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. MEHATA KM	Members	B.A.-English	advisor computing services dr.m.g.r. deemed	044 - 71700800	9841022673	km.mehata@alumni.iitm.ac.in	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. NATARAJAN RK	Members	Ph.D.-Faculty of Science and Humanities	DEAN	044 - 71700800	9840264439	DEAN@DCE.EDU.IN	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. PRADEEP KUMAR AR	Member Secretary	Ph.D.-Faculty of Mechanical Engineering	PRINCIPAL DHANALAKSHMI COLLEGE OF ENGINEERING	044 - 71700800	9941424337	PRINCIPAL@DCE.EDU.IN	1, LAKSHMI NAGAR, CHROME PET - CHENNAI - 6000044 Chengalpattu
Dr. RAMAMURTHI VP	Others-EX.OFFICIO MEMBER	Ph.D.-Faculty of Electrical Engineering	MANAGING TRUSTEE DHANALAKSHMI EDUCATIONAL TRUST	044 - 71700800	9841027738	CHAIRMAN@DCE.EDU.IN	DHANALAKSHMI COLLEGE OF ENGINEERING, MANIMANGALAM - CHENNAI-601301 Kancheepuram
Dr. VISWANATHAN D	Chairman	Ph.D.-Faculty of Mechanical Engineering	RECTOR R AND D DR.M.G.R. EDUCATIONAL AND RESEARCH	044 - 23782176	9840769589	REGISTRAR@DRMGRDU.AC.IN	DR.M.G.R.BLOCK PHASE II, ADAYALAMPATTU - CHENNAI-600095 Chennai

## 5.planning and monitoring

Name	Position	Category	Qualification	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail ID	Address
Dr. Pradeep Kumar AR	Chairman	Principal of the college	Ph.D. - Mechanical Engineering	Principal	044 - 71700800	9941424337	principal@dce.edu.in	1, Lakshmi Nagar, Chromepet-chennai 600044 Chengalpattu
Mr. Jayakumar N	Member	Senior faculty member of the college	M.Phil. - Mathematics	Assistant Professor	-	9941331271	jayakumar.n@dce.edu.in	15 A, Chakkarapani Street, Ambethkar Nagar, Chitlapakkam-Chennai, 600 064 Chengalpattu
Dr. Balamurugan Sm	Member	Senior faculty member of the college	Ph.D. - Faculty of Information and Communication Engineering	Associate Professor	-	9994218756	balamurugan.sm@dce.edu.in	A2, Nakshatra Apartment, Pavendar Salai, Maraimalai Nagar-603209 Chengalpattu
Mrs. Rajeswari S	Member	Senior faculty member of the college	M.Phil. - Physics	Assistant Professor	-	7449294270	rajeswari.s@dce.edu.in	No.2, Durga Nagar Main Road, Tambaram, Sanatorium-Chennai, 600047 Chengalpattu
Dr. Vinod D	Member	Senior faculty member from University/other college	Ph.D. - Computer Science and Engineering	Assistant Professor	-	9962046411	vinodd@srmist.edu.in	SRM University, Kattankulathur-603203 Chengalpattu
Mr. Navinraj V	Member	Industrial expert in the field of engineering and technology	B.E. - Mechanical Engineering	Others - CEO	-	8428933000	navinraj@heatcoolingsystem.com	no.3/3, Harikrishna Colony, Nandambakkam-Chennai, 600089 Chennai

### 6(i). Anti-Ragging Committee

Sl .No.	Name	Position	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr. Pradeep Kumar AR	Chairman	Principal	Principal	-	9941424337	principal@dce.edu.in	No.1, Lakshmi Nagar, Chrompet - Chennai,600044 Chengalpattu
2	Mr. Chandran P	Member	Police Department	Special Sub Inspector	-	9080130446	prasannachandran16022006@gmail.com	Sommamangalam - 601301 Chennai
3	Mrs. Ramya T	Member	Revenue/Taluk/Civil/Officers	Revenue Inspector	-	8489669047	ramya.t@gmail.com	Mannivakkam - 601301 Kancheepuram
4	Mr. ganesan c	Member	Representatives of parents	teacher	-	9841168917	ganesan.c@gmail.com	7, valmiki st, krishna nagar - mudichur Chennai
5	Mr. Sabarish MN	Member	Representatives of Students	Student	-	9360279753	sabarish.mn@dce.edu.in	12, crp garden, 3rd street - kodambakkam, chennai-600024 Chennai
6	Mr. Srihari SL	Member	Representatives Non-Teaching	ERP Head	-	9489227059	srihari.sl@dce.edu.in	Manimangalam, - Tambaram,601301 Chengalpattu
7	Mr. thirumoorthy p	Others	Teaching faculty	assistant professor	-	9840620125	thirumorrthy.p@dce.edu.in	51, nachi kadu, ekkatam palayam - chennimalai, erode -638051 Erode

### 6(ii). Anti-Ragging Squad

Name	Position	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
Dr. pradeep kumar ar	Chairman	Principal	principal	-	9941424337	principal@dce.edu.in	1, lakshmi nagar-chrompet-600044 Chennai
Dr. BALAMURUGAN sm	Member	HOD1	hod ece	-	9994218756	balamurugan.sm@dce.edu.in	a2, nakshatra apartment, pavendar salai-maraimalainagar-603209 Chengalpattu
Dr. vivekanandan j	Member	HOD2	hod cse	-	9894740550	vivekanandan.sj@dce.edu.in	12/424, rajiv gandhi 6th cross street-medavakkam-600100 Chengalpattu
Mr. vijayakumar t	Member	Faculty members (Preferably 2 Male and 2 Female)	assistant professor	-	9361625815	VIJAYKUMAR.T@DCE.EDU.IN	2/91, MIDDLE STREET,-N VEDAPATTI-628904 Thoothukudi
Mr. ramajayam j	Member	Faculty members (Preferably 2 Male and 2 Female)	assistant professor	-	9884427422	ramajayam.j@dce.edu.in	38, road street,-then eluppai - 604401 Tiruvannamalai
Mrs. rajeshwari b	Member	Faculty members (Preferably 2 Male and 2 Female)	assistant professor	-	8870440297	rajeshwari.b@dce.edu.in	6/51, periyar theru-manimangalam - 601301 Kancheepuram
Ms. aruna a	Member	Faculty members (Preferably 2 Male and 2 Female)	assistant professor	-	7092397205	aruna.a@dce.edu.in	7, arul nagar, irumbuliyur-tambaram-600045 Chengalpattu
Mr. tamilselvan s	Member	Non-Teaching Faculty	hostel deputy warden	-	8883771884	tamilselvan.s@dce.edu.in	dhanalakshmi college of engineering-manimangalam - 601301 Kancheepuram

### 7(i). Discipline and Welfare Committee

Sl.No.	Name	Position	Category	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr..sultanuddin.sj	Member	Head of the Department	-	9790824193	sultanuddin.sj@dce.edu.in	16 a selvam nagar-ponniamman medu
2	Dr..pradeep kumar.ar	Chairman	Principal	-	9941424337	principal@dce.edu.in	1, lakshmi nagar-chrompet - 600044
3	Mr..Nagaraj.D	Member	Senior Faculty	-	9840628518	nagaraj.d@dce.edu.in	Plot No. 76B, Flat No. 4A, Ashtalakshmi Apartments, Sudarsan Nagar, 4th Street-Madambakkam, Chennai-600126
4	Mrs..nandhini.r	Member	Student Counsellor(Staff)	-	9840176484	nandhini.r@dce.edu.in	24, ii cross street, hastinapuram-chrompet - 600044
5	Mrs..mariammal.r	Member	Lady faculty member	-	9092075995	mariammal.r@dce.edu.in	22, aalayamman nagar first street-madipakkam - 600091
6	Ms..Sharmila.S	Member	Warden / Deputy Warden of Girls Hostel	-	8608253046	sharmila.s@dce.edu.in	No. 4/92, Viralikaladu, Moolakadu post, Kolathur Mettur TK,-Salem, 636452
7	Mr..Tamilselvan.S	Member	Warden / Deputy Warden of Boys Hostel	-	8883771884	tamilselvan.s@dce.edu.in	1/97 A, Vadapathi Street, Mathanam Post, Sirkali TK-Mayiladuthurai, 609001

**7(ii). Complaints cum Redressal Committee**

Sl.No.	Name	Category	Present Designation / Occupation	Telephone Numbers	Mobile Numbers	E-mail id	Address
1	Dr. pradeep kumar ar	chairman	Principal	-	9941424337	prinicipal@dce.edu.in	no,1, lakshmi nagar,- chrompet - 600044 Chengalpattu
2	Mrs. esther gandhimathis	member	Assistant Professor	-	7395992253	esthergandhimathi.s@dce.edu.in	plot no.3, f1, ponmani apartments-tambaram - 600045 Chengalpattu
3	Mrs. reni hena helan r	member	Assistant Professor	-	9940580275	renihenahelen.r@dce.edu.in	a block, sree vidya apartments, second main road- alwarthirunagar - 600087 Chennai
4	Mrs. alagurani p	member	Assistant Professor	-	9940208728	alagurani.p@dce.edu.in	block 3, aaradhana apartmet, saravana bhavan nagar- mudichur - 600063 Chengalpattu
5	Mr. ajai vaidyanathan h	member	Assistant Professor	-	8438497428	ajavaidyanathan.h@dce.edu.in	8/7, bharathi salai,- mogappair west - 600037 Chennai

**8(i). Savings Bank / Current Accounts**

<b>Bank Account Type</b>	<b>Bank Name</b>	<b>Branch</b>	<b>Account Number</b>	<b>IFSC Code</b>	<b>Balance amount at the end of last financial year(Rs)</b>	<b>Balance amount as on date(Rs.)</b>
Saving Account	INDIAN OVERSEAS BANK	MANIMANGALAM	13302000000065	IOBA0000133	628048.03	3138878.35
Saving Account	INDIAN OVERSEAS BANK	MANIMANGALAM	13302000000122	IOBA0000133	3099478.45	6859058.95
Saving Account	INDIAN OVERSEAS BANK	MANIMANGALAM	13302000000167	IOBA0000133	138230.99	1061769.01
Saving Account	INDIAN OVERSEAS BANK	MANIMANGALAM	13301000023208	IOBA0000133	16133.10	3529507.28
Saving Account	AXIS BANK	ADYAR	920010066178824	UTIB0000082	59494.74	2352616.74

**8(ii). Long term deposits**

<b>Deposits Type</b>	<b>Bank/Govt./Govt.approved Institution Name</b>	<b>Branch</b>	<b>Reference No. of the Fixed Deposit</b>	<b>Amount(Rs)</b>	<b>Date of maturity</b>
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002986	500000	19-05-2025
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002985	500000	19-05-2025
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002987	500000	19-05-2025
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002989	500000	19-05-2025
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002990	500000	19-05-2025
Bank	INDIAN OVERSEAS BANK	manimangalam	013304000002991	500000	19-05-2025

**8(iii).Endowment**

<b>Created with</b>	<b>Deposited in the Bank Name</b>	<b>Branch</b>	<b>Amount(Rs)</b>	<b>Instrument No&amp;Date</b>	<b>Date of expiry</b>
AICTE	UNION BANK OF INDIA	tambaram	100000	452933 - 13-10-2018	13-10-2025

**Financial Stability**  
**Total financial reserves : 100000**  
**Annual maintenance and development expenditure : 45715130**

### 8(iv). Annual Expenditure

<b>a)Financial Resources: Utilised Amount for the Capital expenditure for previous 3 years:</b>	<b>2024 - 2025</b>	<b>2023 - 2024</b>	<b>2022 - 2023</b>
i)Library ( Books, Journals and e-Resources only)	969959	139516	101648
ii)New Equipment and software for Laboratories	767089	1418433	958335
iii)Engineering Workshops	55000	25000	10000
iv)Other expenditure on creation of Capital Assets (For setting up classrooms, seminar hall, conference hall , library, Lab, Engg workshops excluding expenditure on Land and Building)	8692406	3445054	1704417

<b>b)Financial Resources: Utilised Amount for the Operational expenditure for previous 3 years:</b>	<b>2024 - 2025</b>	<b>2023 - 2024</b>	<b>2022 - 2023</b>
i)Salaries (Teaching and Non Teaching staff)	52490186	37063166	20342051
ii)Maintenance of Academic Infrastructure or consumables and other running expenditures(excluding maintenance of hostels and allied services,rent of the building, depreciation cost, etc	18598986	8242573	2758690
iii)Seminars / Conferences / Workshops	2638567	3490896	551994

### 9. Details of Land Availability

<b>Location of the College</b>	Rural
<b>Location</b>	MANIMANGALAM
<b>District</b>	Kancheepuram
<b>Taluk</b>	SRIPERUMBUDUR
<b>Village</b>	MANIMANGALAM
<b>Place</b>	DR VPR NAGAR
<b>Pincode</b>	601301
<b>Extent of land required(in acres)(refer norms)</b>	7.5
<b>Total Extent of land earmarked for the college(in acres)</b>	13.28
<b>Deficiency %</b>	0
<b>Total Built-up Area required (sq.m.)</b>	0
<b>Total Extent Built-up Area available (sq.m.)</b>	45152

<b>Document number, Date &amp; Survey no &amp; Land earmarked</b>	<b>Document no</b>	<b>Date</b>	<b>Survey no</b>	<b>Land earmarked</b>
	2063/1998	01-09-1998	120/3B	1.07
	2064/1998	01-09-1998	120/3A	1.06
	2070/1998	29-10-1998	120/1A	0.60
	2070/1998	29-10-1998	120/7A1B	0.44
	2070/1998	30-10-1998	120/7A2	0.78
	2070/1998	30-10-1998	120/6	2.28
	2070/1998	30-10-1998	120/5A	1.05
	2070/1998	30-10-1998	120/2A1	0.45
	2067/1998	30-10-1998	120/5C	1.05
	977/2000	30-10-1998	120/4	1.87
	2062/1998	30-10-1998	121/2	1.01
	977/2000	15-05-2000	120/A1	0.54
	977/2000	29-10-1998	120/1A	0.17
	977/2000	15-05-2000	120/2B	0.91

### 10(i). Existing Affiliated Courses

Department	Degree	Course	Year of introduction	Nature of affiliation	Year of Permanent	Accreditation status	Period of accreditation	Letter No. and date	Sanctioned 2020 - 2021	Sanctioned 2021 - 2022	Sanctioned 2022 - 2023	Sanctioned 2023 - 2024	Sanctioned 2024 - 2025	Fifth Year	Fourth Year	Third Year	Second Year	First year
COMPUTER SCIENCE AND ENGINEERING --	B.E.	Computer Science and Engineering	2001	Permanent	2017	Not Accredited	-	--	0	120	120	120	120	0	116	110	99	113
COMPUTER SCIENCE AND ENGINEERING --	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	2024	Provisional	-	Not Accredited	-	--	0	0	0	0	60	0	0	0	0	42
COMPUTER SCIENCE AND ENGINEERING --	B.E.	Computer Science and Engineering (Cyber Security)	2022	Provisional	-	Not Accredited	-	--	0	0	60	60	60	0	0	35	37	37
ELECTRICAL AND ELECTRONICS ENGINEERING --	B.E.	Electrical and Electronics Engineering	2001	Permanent	2017	Not Accredited	-	--	0	30	30	30	30	0	6	8	11	3
ELECTRONICS AND COMMUNICATION ENGINEERING --	B.E.	Electronics and Communication Engineering	2001	Permanent	2017	Not Accredited	-	--	0	120	60	60	60	0	65	33	37	45
MECHANICAL ENGINEERING --	B.E.	Mechanical Engineering	2011	Provisional	-	Not Accredited	-	--	0	30	30	30	30	0	8	4	7	9
COMPUTER SCIENCE AND ENGINEERING --	B.Tech.	Artificial Intelligence and Data Science	2020	Provisional	-	Not Accredited	-	--	0	120	120	120	120	0	107	91	107	116
INFORMATION TECHNOLOGY --	B.Tech.	Information Technology	2024	Provisional	-	Not Accredited	-	--	0	0	0	0	60	0	0	0	0	59
MECHANICAL ENGINEERING --	M.E.	CAD/CAM	2019	Provisional	-	Not Accredited	-	--	0	0	0	9	9	0	0	0	0	0
COMPUTER SCIENCE AND ENGINEERING --	M.E.	Computer Science and Engineering	2011	Provisional	-	Not Accredited	-	--	0	0	0	9	9	0	0	0	0	1
ELECTRONICS AND COMMUNICATION ENGINEERING --	M.E.	Embedded System Technologies	2011	Provisional	-	Not Accredited	-	--	0	0	0	9	9	0	0	0	1	0

**10(ii). Existing approved courses**

<b>Sl.No.</b>	<b>Degree</b>	<b>Name of the Course</b>	<b>Sanctioned intake in the academic year 2024 - 2025</b>	<b>Intake sought for the academic year 2025-2026</b>	<b>Remarks</b>
1.	B.E.	Computer Science and Engineering	120	150	Increase in Intake and Continuous for approval
2.	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	60	Continuous for approval
3.	B.E.	Computer Science and Engineering (Cyber Security)	60	60	Continuous for approval
4.	B.E.	Electrical and Electronics Engineering	30	30	Continuous for approval
5.	B.E.	Electronics and Communication Engineering	60	90	Increase in Intake and Continuous for approval
6.	B.E.	Mechanical Engineering	30	30	Continuous for approval
7.	B.Tech.	Artificial Intelligence and Data Science	120	150	Increase in Intake and Continuous for approval
8.	B.Tech.	Information Technology	60	90	Increase in Intake and Continuous for approval
9.	M.E.	CAD/CAM	9	9	Continuous for approval
10.	M.E.	Computer Science and Engineering	9	9	Continuous for approval
11.	M.E.	Embedded System Technologies	9	9	Continuous for approval

**11. Additional Course(s) for which approval is sought for the academic year '2025-2026'**

<b>Sl.No.</b>	<b>Degree</b>	<b>Name of the Course</b>	<b>Intake Sought 2025-2026</b>
1.	B.E.	Computer Science and Engineering	150
2.	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60
3.	B.E.	Computer Science and Engineering (Cyber Security)	60
4.	B.E.	Electrical and Electronics Engineering	30
5.	B.E.	Electronics and Communication Engineering	90
6.	B.E.	Mechanical Engineering	30
7.	B.Tech.	Artificial Intelligence and Data Science	150
8.	B.Tech.	Information Technology	90
9.	M.E.	CAD/CAM	9
10.	M.E.	Computer Science and Engineering	9
11.	M.E.	Embedded System Technologies	9

## 12(i). Details of students presently studying in all the years

Sl.No	Courses	Total Students			Number of Students - Religion wise										Number of Students - community wise										No.of students- Nationality													
															Hindus					Muslims		Christians		Total														
		B	G	T	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G												
		SC		ST		MBC		BC		OC		OBC		OBC		Total		Indian		NRI		Foreign		Total														
1	B.E.-Computer Science and Engineering (Cyber Security)	78	31	109	67	26	8	2	3	3	0	0	78	31	12	1	0	0	20	10	33	14	2	1	8	2	3	3	78	31	78	31	0	0	0	0	78	31
2	B.E.-Computer Science and Engineering	312	126	438	293	113	11	3	8	10	0	0	312	126	30	22	1	0	83	30	116	49	62	12	12	3	8	10	312	126	312	126	0	0	0	0	312	126
3	B.E.-Electrical and Electronics Engineering	24	4	28	23	4	1	0	0	0	0	0	24	4	4	2	2	0	6	1	11	1	0	0	1	0	0	0	24	4	24	4	0	0	0	0	24	4
4	B.E.-Electronics and Communication Engineering	123	57	180	118	55	2	1	3	1	0	0	123	57	11	5	0	0	32	19	48	21	27	10	2	1	3	1	123	57	123	57	0	0	0	0	123	57
5	B.E.-Computer Science and Engineering (Artificial Intelligence and Machine Learning)	27	15	42	25	15	1	0	1	0	0	0	27	15	2	3	0	0	7	7	12	5	4	0	1	0	1	0	27	15	27	15	0	0	0	0	27	15
6	B.E.-Mechanical Engineering	28	0	28	22	0	2	0	4	0	0	0	28	0	4	0	0	0	6	0	11	0	2	0	2	0	3	0	28	0	28	0	0	0	0	0	28	0
7	B.Tech.-Information Technology	30	29	59	26	28	3	0	1	1	0	0	30	29	3	7	0	0	6	8	11	13	6	0	3	0	1	1	30	29	30	29	0	0	0	0	30	29
8	B.Tech.-Artificial Intelligence and Data Science	256	165	421	237	148	11	5	8	12	0	0	256	165	29	17	0	0	57	45	103	68	44	18	14	5	9	12	256	165	256	165	0	0	0	0	256	165
9	M.E.-Embedded System Technologies	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0
10	M.E.-Computer Science and Engineering	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0
11	M.E.-CAD/CAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### Students Enrolled as per COE records

Department	Degree	Course	Sanctioned 2020 - 2021	Sanctioned 2021 - 2022	Sanctioned 2022 - 2023	Sanctioned 2023 - 2024	Sanctioned 2024 - 2025	Fifth Year	Fourth Year	Third Year	Second Year	First year	Enrollment Percentage
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering	0	120	120	120	120	0	116	110	99	113	91.25
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	0	0	0	0	60	0	0	0	0	42	70
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering (Cyber Security)	0	0	60	60	60	0	0	35	37	37	60.56
ELECTRICAL AND ELECTRONICS ENGINEERING - -	B.E.	Electrical and Electronics Engineering	0	30	30	30	30	0	6	8	11	3	23.33
ELECTRONICS AND COMMUNICATION ENGINEERING - -	B.E.	Electronics and Communication Engineering	0	120	60	60	60	0	65	33	37	45	60
MECHANICAL ENGINEERING - -	B.E.	Mechanical Engineering	0	30	30	30	30	0	8	4	7	9	23.33
COMPUTER SCIENCE AND ENGINEERING - -	B.Tech.	Artificial Intelligence and Data Science	0	120	120	120	120	0	107	91	107	116	87.71
INFORMATION TECHNOLOGY - -	B.Tech.	Information Technology	0	0	0	0	60	0	0	0	0	59	98.33
MECHANICAL ENGINEERING - -	M.E.	CAD/CAM	0	0	0	9	9	0	0	0	0	0	0
COMPUTER SCIENCE AND ENGINEERING - -	M.E.	Computer Science and Engineering	0	0	0	9	9	0	0	0	0	1	5.56
ELECTRONICS AND COMMUNICATION ENGINEERING - -	M.E.	Embedded System Technologies	0	0	0	9	9	0	0	0	1	0	5.56
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering	0	120	120	120	120	0	116	110	99	113	91.25

Department	Degree	Course	Sanctioned 2020 - 2021	Sanctioned 2021 - 2022	Sanctioned 2022 - 2023	Sanctioned 2023 - 2024	Sanctioned 2024 - 2025	Fifth Year	Fourth Year	Third Year	Second Year	First year	Enrollment Percentage
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	0	0	0	0	60	0	0	0	0	42	70
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering (Cyber Security)	0	0	60	60	60	0	0	35	37	37	60.56
ELECTRICAL AND ELECTRONICS ENGINEERING - -	B.E.	Electrical and Electronics Engineering	0	30	30	30	30	0	6	8	11	3	23.33
ELECTRONICS AND COMMUNICATION ENGINEERING - -	B.E.	Electronics and Communication Engineering	0	120	60	60	60	0	65	33	37	45	60
MECHANICAL ENGINEERING - -	B.E.	Mechanical Engineering	0	30	30	30	30	0	8	4	7	9	23.33
COMPUTER SCIENCE AND ENGINEERING - -	B.Tech.	Artificial Intelligence and Data Science	0	120	120	120	120	0	107	91	107	116	87.71
INFORMATION TECHNOLOGY - -	B.Tech.	Information Technology	0	0	0	0	60	0	0	0	0	59	98.33
MECHANICAL ENGINEERING - -	M.E.	CAD/CAM	0	0	0	9	9	0	0	0	0	0	0
COMPUTER SCIENCE AND ENGINEERING - -	M.E.	Computer Science and Engineering	0	0	0	9	9	0	0	0	0	1	5.56
ELECTRONICS AND COMMUNICATION ENGINEERING - -	M.E.	Embedded System Technologies	0	0	0	9	9	0	0	0	1	0	5.56

**12(ii). Students admitted under minority quota**

<b>Sl.No.</b>	<b>Course</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
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**14(i). Consolidated details of faculty available for Science, Humanities & General Engineering**

<b>Designation</b>	<b>Maths</b>	<b>Physics</b>	<b>Chemistry</b>	<b>English</b>	<b>Gen. Engg.</b>	<b>Total</b>
Professor	0	1	1	0	0	2
Associate Professor	0	1	0	0	0	1
Assistant Professor	7	3	3	2	6	21
<b>Grand Total (A)</b>						<b>24</b>
Total intake applied for the academic year 2025-2026 of all the B.E. & B.Tech. Courses <b>(S1)</b>						660
Total no. of faculty members required <b>(R) = (S1/20)</b>						33
% Deficiency <b>[(1-A/R)*100]</b>						27.27

**14(ii). Consolidated details of faculty for all the courses except M.E. / M.Tech.**

S.No	Degree	Course(s)	Total Sanctioned Strngth*(s)	professor				Asso.prof				Asst.prof				Total no.of faculty members available (T=A1+A2+A3)	SSR 1:S/T
				R	A1	D%	CD	R	A2	D%	CD	R	A3	D%	CD		
1	B.E.	Electronics and Communication Engineering	180	1	1	0	0	2	2	0	0	6	6	0	0	9	20
2	B.E.	Electrical and Electronics Engineering	90	1	1	0	0	1	1	0	0	3	3	0	0	5	18
3	B.E.	Mechanical Engineering	90	1	1	0	0	1	1	0	0	3	3	0	0	5	18
4	B.E.	Computer Science and Engineering	360	2	2	0	0	4	4	0	0	12	12	0	0	18	20
5	B.E.	Computer Science and Engineering (Cyber Security)	180	1	1	0	0	2	2	0	0	6	6	0	0	9	20
6	B.E.	Computer Science and Engineering (Cyber Security)	180	1	1	0	0	2	2	0	0	6	6	0	0	9	20
7	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	60	0	0	0	0	1	0	100	1	2	0	100	2	0	0
8	B.Tech.	Artificial Intelligence and Data Science	360	2	1	50	1	4	4	0	0	12	13	0	0	18	20
9	B.Tech.	Information Technology	60	0	0	0	0	1	0	100	1	2	0	100	2	0	0

**14(iii). Consolidated details of faculty for M.E. / M.Tech. only**

<b>Sl.No</b>	<b>Name of the Course(s)</b>	<b>Qualification(s)</b>	<b>Required</b>	<b>Available</b>	<b>Deficiency%</b>	<b>Cadre Deficient</b>
1	M.E.-Embedded System Technologies	Ph.D	0	0	0	0
		(Associate) M.E./M.Tech.	1	1	0	0
		(Assistant) M.E./M.Tech.	1	1	0	0
		<b>Total</b>	2	2	0	0
2	M.E.-Computer Science and Engineering	Ph.D	0	0	0	0
		(Associate) M.E./M.Tech.	1	1	0	0
		(Assistant) M.E./M.Tech.	1	1	0	0
		<b>Total</b>	2	2	0	0
3	M.E.-CAD/CAM	Ph.D	0	0	0	0
		(Associate) M.E./M.Tech.	1	1	0	0
		(Assistant) M.E./M.Tech.	1	1	0	0
		<b>Total</b>	2	2	0	0

## 15. Non-teaching staff

SL.No	Category	Department	Name of the staff	Designation	Qualification	Date of joining the present post	Previous experience	Date of Birth	Age	Scale of pay	Basic Pay	Total emoluments
1	Library and Physical Education --	OTHERS-library	Mr. SURESH K	Librarian	M.Phil.	17-08-2001	3.00	05-06-1973	51	15600-39100	18320	30450
2	Library and Physical Education --	OTHERS-PYSICAL EDUCATION	Mr. Harikrishnan A	Physical Education Director	Masters	28-08-2024	2.00	09-11-1990	34	5200-20200	35000	35000
3	Library and Physical Education --	OTHERS-Library	Mr. Elango S	Librarian	Others-HSC	04-09-2002	22.00	04-06-1965	59	5200-20200	15400	15400
4	Library and Physical Education --	OTHERS-PHYSICAL EDUCATION	Mr. Dineshkannan K	Physical Education Director	Masters	08-07-2024	3.00	01-05-1999	25	5200-20200	25000	25000
5	Ministerial Staff --	OTHERS-Administration	Mr. Kumar K	Others-Estate Officer	Others-ITI	19-09-2005	20.00	13-05-1988	36	5200-20200	27000	27000
6	Ministerial Staff --	OTHERS-Transport	Mr. Venkatesan D	Others-Mechanic	Others-SSLC	25-07-2007	20.00	15-04-1983	41	5200-20200	24600	24600
7	Ministerial Staff --	OTHERS-administration	Mrs. Thilagavathy B	Others-Administration Staff	Masters	26-03-2003	20.00	09-07-1959	21	5200-20500	20000	20000
8	Ministerial Staff --	OTHERS-administration	Mrs. Meni r	Others-accountant	Masters	09-05-2022	19.00	14-09-1980	44	5200-20200	18000	18000
9	Ministerial Staff --	OTHERS-accounts	Mrs. Kokila m	Others-cashier	Others-hsc	11-07-2007	30.00	13-10-1968	56	5200-20200	18000	18000
10	Ministerial Staff --	OTHERS-Administration	Ms. Sharmila s	Others-Girls Warden	M.Phil.	01-02-2022	4.00	30-03-1993	31	5200-20200	20000	20000
11	Ministerial Staff --	OTHERS-Administration	Mrs. Twinklne Devakirubai R	Others-HR	Bachelor	15-03-2024	5.00	02-05-1987	37	5200-20200	18000	18000
12	Ministerial Staff --	OTHERS-Transport	Mr. Arun R	Others-Driver	Others-HSC	25-06-2014	12.00	08-05-1993	31	5200-20200	20500	20500
13	Ministerial Staff --	OTHERS-administration	Mrs. Thilagavathi A	Others-Student Affiars	Bachelor	03-03-2017	15.00	21-06-1982	42	5200-20200	17000	17000
14	Ministerial Staff --	OTHERS-Administration	Mr. Shankar P	Others-Canteen Manager	Bachelor	16-11-2023	5.00	25-07-1978	46	5200-20200	24000	24000
15	Ministerial Staff --	OTHERS-Administration	Mr. Mohan KJ	Others-Electrician	Diploma	08-11-2021	9.00	13-01-1982	42	5200-20200	20000	20000
16	Ministerial Staff --	OTHERS-Administration	Mr. Saravanan KN	Others-Supervisor	Bachelor	18-12-2000	24.00	06-04-1973	51	5200-20200	18000	18000
17	Ministerial Staff --	OTHERS-Administration	Mr. Raja D	Others-House Keeping Supervisor	Bachelor	05-08-2024	15.00	30-06-1979	45	5200-20200	15000	15000
18	Ministerial Staff --	OTHERS-Administration	Mr. Balaji NR	Others-Accountant	Masters	16-05-2022	18.00	13-10-1971	53	5200-20200	17000	17000
19	Ministerial Staff --	OTHERS-Administration	Mr. Ghousuddin SJ	Others-Academic Supervisor	Masters	18-03-2024	14.00	28-04-1981	43	5200-20200	18200	18200
20	Ministerial Staff --	OTHERS-Administration	Mr. Parameshwari K	Others-Accountant	Bachelor	21-10-2021	12.00	28-08-1984	40	5200-20200	14000	14000
21	Ministerial Staff --	OTHERS-Administration	Mr. Srihari SL	Others-ERP Head	Masters	11-02-2017	15.00	19-08-1982	42	5200-20200	22500	22500
22	Others - BOYS HOSTEL WARDEN	OTHERS-Administration	Mr. Tamilselvan S	Others-Deputy Warden	Diploma	30-08-2022	18.00	28-04-1983	41	5200-21200	21000	21000
23	Technical Staff --	MECHANICAL ENGINEERING--	Mr. KUMARESH VR	Others-FOREMAN	Bachelor	16-04-2012	0.00	11-07-1970	54	15600	15600	26000
24	Technical Staff --	OTHERS-cyber security	Ms. ashika begum j	Lab Assistant	Bachelor	28-01-2025	0.00	15-10-2000	25	15000	15000	15000
25	Technical Staff --	COMPUTER SCIENCE AND ENGINEERING--	Mrs. Priyadharshini r	Lab Assistant	Bachelor	11-09-2024	5.00	26-09-1991	33	5200-20200	17000	17000
26	Technical Staff --	OTHERS-CMC	Mr. Balamankandan	System Engineer	Diploma	08-07-2024	10.00	15-04-1990	34	5200-20200	25000	25000
27	Technical Staff --	OTHERS-CMC	Mr. Yokesh k	System Engineer	Diploma	08-07-2024	1.00	03-04-2002	22	5200-20200	18000	18000
28	Technical Staff --	COMPUTER SCIENCE AND ENGINEERING--	Mr. Ramkumar k	Lab Assistant	Bachelor	25-03-2022	4.00	06-12-1996	28	5200-20200	10000	10000
29	Technical Staff --	ELECTRONICS AND COMMUNICATION ENGINEERING--	Mrs. Radha A	Lab Assistant	Bachelor	19-07-2024	7.00	07-06-1988	36	5200-20200	15000	15000
30	Technical Staff --	COMPUTER SCIENCE AND ENGINEERING--	Ms. Ajaylin mahiba aj	Lab Assistant	Masters	31-08-2024	0.00	28-02-1999	25	5200-20200	15000	15000

31	Technical Staff - -	OTHERS-artificial intelligence and data science	Ms. varalakshmi d	Lab Assistant	Bachelor	29-01-2025	0.00	01-02-2004	21	15000	15000	15000
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### 16(i). Space Requirement

SL.No	Degree & Course	Laboratory/Workshop/Studio	Name of the Laboratory	Area of the Laboratory required(sq.m.)	Area of the Laboratory available(sq.m.)	Deficiency %
1	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	66	337.7	0
2	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	66	168.6	0
3	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3381 COMPUTER AIDED MACHINE DRAWING	66	155.2	0
4	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	66	404	0
5	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3461 THERMAL ENGINEERING LABORATORY	66	404	0
6	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3581 METROLOGY AND DYNAMICS LABORATORY	66	98.9	0
7	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3611 HEAT TRANSFER LABORATORY	66	404	0
8	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	ME3681 CAD/CAM LABORATORY	66	155.2	0
9	B.E.-Mechanical Engineering	Engg. & Tech. Laboratory	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	66	66	0
10	B.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CS3271 PROGRAMMING IN C LABORATORY	66	96.7	0
11	B.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CS3461 Operating Systems Laboratory	66	96.7	0
12	B.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CS3361 Data Science Laboratory	66	72.5	0
13	B.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CS3481 DATABASE MANAGEMENT SYSTEMS LABORATORY	66	90.5	0
14	B.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CS3311 Data Structures Laboratory	66	96.7	0
15	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	EC3361 Electronic Devices and Circuits Laboratory	66	153	0
16	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	EC3461 Communication Systems Laboratory	66	114.3	0

17	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	EC3462 Linear Integrated Circuits Laboratory	66	153	0
18	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	CS3362 C Programming and Data Structures Laboratory	66	153	0
19	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	EC3561 VLSI Laboratory	66	114.3	0
20	B.E.-Electronics and Communication Engineering	Engg. & Tech. Laboratory	EC3271 CIRCUIT ANALYSIS LABORATORY	66	153	0
21	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3311 ELECTRICAL MACHINES LABORATORY - I	66	267.3	0
22	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	CS3362 C PROGRAMMING AND DATA STRUCTURES LABORATORY	66	153	0
23	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	66	114.3	0
24	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3271 ELECTRIC CIRCUITS LABORATORY	66	114.3	0
25	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3411 ELECTRICAL MACHINES LABORATORY - II	66	267.3	0
26	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	66	66	0
27	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3413 MICROPROCESSOR AND MICROCONTROLLER	66	114.3	0
28	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3511 POWER ELECTRONICS LABORATORY	66	153	0
29	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3512 CONTROL AND INSTRUMENTATION LABORATORY	66	153	0
30	B.E.-Electrical and Electronics Engineering	Engg. & Tech. Laboratory	EE3611 POWER SYSTEM LABORATORY	66	101.2	0
31	B.E.-Computer Science and Engineering (Cyber Security)	Engg. & Tech. Laboratory	CD3281 Data Structures and Algorithms Laboratory	66	66	0
32	B.E.-Computer Science and Engineering (Cyber Security)	Engg. & Tech. Laboratory	CS3361 Data Science Laboratory	66	66	0
33	B.E.-Computer Science and Engineering (Cyber Security)	Engg. & Tech. Laboratory	CB3412 Database Management Systems and Security Laboratory	66	66	0

34	B.E.-Computer Science and Engineering (Cyber Security)	Engg. & Tech. Laboratory	CB3411 Cryptography and Cyber Security Laboratory	66	66	0
35	B.E.- General Engineering	Engg. & Tech. Laboratory	BS3171 PHYSICS & CHEMISTRY LABORATORY	66	534.6	0
36	B.E.- General Engineering	Engg. & Tech. Laboratory	GE3271 ENGINEERING PRACTICES LABORATORY	66	534.6	0
37	B.E.- General Engineering	Engg. & Tech. Laboratory	GE3171 PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	66	66	0
38	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3271 DATA STRUCTURES DESIGN LABORATORY	66	96.7	0
39	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3311 Artificial Intelligence Laboratory	66	72.5	0
40	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3381 Database Design and Management Laboratory	66	72.5	0
41	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3411 Data Science and Analytics Laboratory	66	72.5	0
42	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3461 MACHINE LEARNING LABORATORY	66	72.5	0
43	B.Tech.-Artificial Intelligence and Data Science	Engg. & Tech. Laboratory	AD3511 DEEP LEARNING LABORATORY	66	66	0
44	M.E.-Embedded System Technologies	Engg. & Tech. Laboratory	ET4111 Embedded System Laboratory I	66	153	0
45	M.E.-Embedded System Technologies	Engg. & Tech. Laboratory	ET4112 Embedded Programming Laboratory I	66	153	0
46	M.E.-Embedded System Technologies	Engg. & Tech. Laboratory	ET4211 EMBEDDED SYSTEM LABORATORY II	66	153	0
47	M.E.-Embedded System Technologies	Engg. & Tech. Laboratory	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	66	153	0
48	M.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CP4161 ADVANCED DATA STRUCTURES AND ALGORITHMS LABORATORY	66	66	0
49	M.E.-Computer Science and Engineering	Engg. & Tech. Laboratory	CP4212 Software Engineering Laboratory	66	66	0
50	M.E.-CAD/CAM	Engg. & Tech. Laboratory	CC4211 RAPID PROTOTYPING LABORATORY	66	66	0
51	M.E.-CAD/CAM	Engg. & Tech. Laboratory	CD4161 COMPUTER AIDED DESIGN LABORATORY	66	155.2	0

52	M.E.-CAD/CAM	Engg. & Tech. Laboratory	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	66	153	0
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### 16(ii). Equipments

SL.No	Degree	Course	Semester	Regulation	Name of the Laboratory subject	Name of the Equipments / Software	Required	Available	Deficiency %
1	B.E.	General Engineering	1	2021	GE3171 PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	Server with Python (3 interpreter for Windows/Linux)	1	1	0
2	B.E.	General Engineering	1	2021	GE3171 PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	Stand alone desktops (Windows/Linux) with Python 3 interpreter	30	30	0
3	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Raising hammer	5	5	0
4	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Resistors	200	650	0
5	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Riser	5	5	0
6	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Riveting hammer	5	5	0
7	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Runner	5	5	0
8	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Sand reamer	5	5	0
9	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Scriber	5	5	0
10	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Single phase house wiring setup	2	2	0
11	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Soldering Iron, Lead	15	15	0
12	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Solid pattern	5	5	0
13	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Split pattern	5	5	0
14	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Sprue	5	5	0
15	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Square free hammer	5	5	0
16	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Staircase wiring setup	2	2	0
17	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Steel rule	2	2	0
18	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Straight snips	5	5	0

19	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Swage block	3	3	0
20	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Three phase house wiring setup	2	2	0
21	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Trammel	5	5	0
22	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Transistors	200	350	0
23	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Tri Square	15	15	0
24	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Trowel	5	5	0
25	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Used desktop computer	2	2	0
26	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Used Laptop	2	2	0
27	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Used LED TV	2	2	0
28	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Wige gauges	2	2	0
29	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Wood Cutting Machine	2	2	0
30	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Wooden Bench Hook	15	15	0
31	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Air-conditioner unit	2	2	0
32	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Anvil	3	3	0
33	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Arc welding unit	5	5	0
34	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Ball pean hammer	5	5	0
35	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Bench hold fastens	15	15	0
36	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Bend snips	5	5	0
37	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Capacitors	200	500	0

38	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Carpentry bench wise	15	15	0
39	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Centre punches	5	5	0
40	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Centrifugal pump	2	2	0
41	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Continuity tester	15	15	0
42	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Cope and Drag Box	5	5	0
43	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	DC Multi-output power supply (0-5V),(0-30V)(+15V,-15V)	2	2	0
44	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Die Holder with Die set	15	15	0
45	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Diodes	200	550	0
46	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Divider	5	5	0
47	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Drilling Machines	5	5	0
48	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Emergency lamp wiring setup	2	2	0
49	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Emergency lamp wiring setup	2	2	0
50	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Firmer Chisel	15	15	0
51	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Fluorescent lamp wiring setup	2	2	0
52	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Gas welding unit	2	2	0
53	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Hand Saw	15	15	0
54	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Household mixer	2	2	0
55	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Iron box wiring setup	2	2	0
56	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Iron Jack	15	15	0

57	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Lathe Machines	5	5	0
58	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Mallet	15	15	0
59	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Motrin Chisel	15	15	0
60	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Multi meter	15	40	0
61	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Pattern	5	5	0
62	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Pliers	5	5	0
63	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Pipe Vice	15	15	0
64	B.E.	General Engineering	2	2021	GE3271 ENGINEERING PRACTICES LABORATORY	Prick Punches	5	5	0
65	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Muffle furnace	1	1	0
66	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Circular Disc-Torsion Pendulum	5	5	0
67	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Conductivity meter	15	15	0
68	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Diode Laser	5	5	0
69	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Diode laser (green or red), fiber optic cable, movable arrangement with a screen for measuring spot size (zig), meter scale, stand	5	5	0
70	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Diode laser (green or red), iron stand, compact disc, 1m-wooden scale, screen, stand	5	5	0
71	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Electronic Balance (Four digit)	1	1	0
72	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Flame photometer	4	4	0
73	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	He-Ne/Diode laser (red), Green diode laser, Grating, Screen, Iron stand (3 Nos), 1m wooden scale, thread.	5	5	0
74	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	He-Ne laser, CCl <sub>4</sub> liquid or Benzene liquid, Glass cell with sample liquid (kerosene/Toluene/Turpentine/Benzene or CCl <sub>4</sub> liquid), RF oscillator fitted with a frequency meter, Piezoelectric crystal, Electrodes (crystal holder), Screen, iron stand (two numbers), 1m wooden scale, thread.	5	5	0
75	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Hot Air Oven	1	1	0
76	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Hotplate with temperature controller	5	5	0

77	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Lattice dynamics kit with built-in audio oscillator and electrical transmission line(for mono and di-atomic lattices), general purpose CRO having XY mode.	5	5	0
78	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Magnetic stirrer	2	2	0
79	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Melde's string apparatus, thread and weight pan, weight hanger and slotted weights.	5	5	0
80	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Michelson interferometer set-up, sodium vapour lamp and accessories	5	5	0
81	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	45 inclined glass plate set-up, two optically plane glass plates, sodium vapour lamp, travelling microscope, thin wire/thin strip of paper	5	5	0
82	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Non-uniform bending: 1 meter wooden scale, two-knife edges, travelling microscope, weight hanger with slotted weights, screw gauge, Vernier calliper, pin	5	5	0
83	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	PH meter	15	15	0
84	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Photoelectric effect apparatus	2	2	0
85	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Photoelectric effect apparatus with necessary accessories, tungsten-halogen lamp, Cesium-type vacuum photodiode.	5	5	0
86	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Post office box, 5V power supply, thermometer, galvanometer, semiconductor (thermistor), variable temperature bath set-up (oil, temperature controller, vessel, hot plate.	5	5	0
87	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Potentiometer	15	15	0
88	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Simple harmonic oscillations of cantilever: 1 meter wooden scale, G-clamp, weight hanger with slotted weights, Vernier calliper, Screw gauge, stop clock	5	5	0
89	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Sodium Vapour Lamp	2	2	0
90	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Torsional Pendulum, stop clock, suspension metallic wire: two different thickness, two identical cylindrical mass, screw gauge, wooden scale	5	5	0
91	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Travelling Microscope	10	10	0
92	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Ultrasonic interferometer apparatus with high frequency wave generator, cell, micrometer, PZ crystal, water or other liquids	5	5	0
93	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Ultrasonic interometer	2	2	0
94	B.E.	General Engineering	1	2021	BS3171 PHYSICS & CHEMISTRY LABORATORY	Uniform bending: 1 meter wooden scale, two-knife edges, travelling microscope, two weight hanger with slotted weights, screw gauge, Vernier calliper, pin	5	5	0
95	B.E.	Computer Science and Engineering	2	2021	CS3271 PROGRAMMING IN C LABORATORY	Systems with Linux Operating System with GNU compiler	30	30	0
96	B.E.	Mechanical Engineering	3	2021	ME3381 COMPUTER AIDED MACHINE DRAWING	Intel Octa core i9 processor (6 GHz, 16 GB Ram, 600 s8D HD- 50)	30	30	0
97	B.E.	Mechanical Engineering	3	2021	ME3381 COMPUTER AIDED MACHINE DRAWING	Windows 11, Creo 9.0, Solid Works 2023, Autodesk Inventor 2023.1.1, Auto CAD 2023 (50 S7D Acad License)	30	30	0

98	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Gear Shaping Machine	1	1	0
99	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Gear Hobbing Machine	1	1	0
100	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Cylindrical Grinding Machine	1	1	0
101	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Centre Lathes	7	7	0
102	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Arc welding transformer with cables and holders	2	2	0
103	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Oxygen and Acetylene gas cylinders, blow pipe and other welding outfit	1	1	0
104	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Radial Drilling Machine	1	1	0
105	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Shaper	1	1	0
106	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Surface Grinding Machine	1	1	0
107	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Vertical Milling Machine	1	1	0
108	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Milling Tool Dynamometer	1	1	0
109	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Lathe Tool Dynamometer	1	1	0
110	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Horizontal Milling Machine	1	1	0
111	B.E.	Mechanical Engineering	3	2021	ME3382 MANUFACTURING TECHNOLOGY LABORATORY	Moulding table, Moulding equipments	2	2	0
112	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Dial gauges	1	1	0
113	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Extensometer	1	1	0
114	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Friction Apparatus setup	1	1	0
115	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Impact of jet setup	1	1	0
116	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	IM wooden seal	15	15	0

117	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Metacentric Height apparatus setup	1	1	0
118	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Metallurgical Microscopes	3	3	0
119	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Metal Scales	1	1	0
120	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Pelton Wheel turbine set up	1	1	0
121	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Reciprocation pump set up	1	1	0
122	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Rockwell Hardness Testing Machine	1	1	0
123	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Spring Testing Machine for tensile and compressive loads (2500 N)	1	1	0
124	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Stop watch	15	15	0
125	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Tachometer	1	1	0
126	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Torsion Testing Machine (60 NM Capacity) Capacity	1	1	0
127	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Universal Tensile Testing machine with double 1 shear attachment - 40 Ton Capacity	1	1	0
128	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Venturimeter setup	1	1	0
129	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Vernier Calliper	1	1	0
130	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Brinell Hardness Testing Machine	1	1	0
131	B.E.	Mechanical Engineering	4	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Centrifugal pump set up	1	1	0
132	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	Single Cylinder Petrol Engine	1	1	0
133	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	Steam Boiler with turbine setup	1	1	0
134	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	Multi-Cylinder Petrol Engine	1	1	0
135	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	I.C Engine - 2 stroke and 4 stroke model	1	1	0
136	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	Data Acquisition system with any one of the above engines	1	1	0

137	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	Apparatus for Flash and Fire point	1	1	0
138	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with mechanical loading	1	1	0
139	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with hydraulic loading	1	1	0
140	B.E.	Mechanical Engineering	4	2021	ME3461 THERMAL ENGINEERING LABORATORY	4-stroke Diesel Engine with electrical loading	1	1	0
141	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Vernier Height Gauge	2	2	0
142	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Coordinator Measuring Machine	1	1	0
143	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Dynamic balancing machine	1	1	0
144	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Floating Carriage Micrometer	1	1	0
145	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Gear Models	1	1	0
146	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Gear Tooth Vernier	1	1	0
147	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Governor apparatus - Watt, Porter, Proell and Hartnell governors	1	1	0
148	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Kinematic Models to study various mechanisms	1	1	0
149	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Mechanical / Electrical / Pneumatic Comparator	1	1	0
150	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Micrometer	5	5	0
151	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Motorised gyroscope	1	1	0
152	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Profile Projector / Tool Makers Microscope	1	1	0
153	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Sine Bar	1	1	0
154	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Slip Gauge Set	1	1	0
155	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Spring mass vibration system	1	1	0
156	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Surface finish Measuring Equipment	1	1	0

157	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Telescope Gauge	1	1	0
158	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Torsional Vibration of single rotor system setup	1	1	0
159	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Transverse vibration setup of a) cantilever	1	1	0
160	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Turn table apparatus	1	1	0
161	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Two rotor vibration setup	1	1	0
162	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Vernier Caliper	5	5	0
163	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Vernier Depth Gauge	2	2	0
164	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Whirling of shaft apparatus	1	1	0
165	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Autocollimator	1	1	0
166	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Bore Gauge	1	1	0
167	B.E.	Mechanical Engineering	5	2021	ME3581 METROLOGY AND DYNAMICS LABORATORY	Cam follower setup	1	1	0
168	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Support for CAPP	1	1	0
169	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Licensed operating system	1	1	0
170	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Laser Printer	1	1	0
171	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Computer Server	1	1	0
172	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Computer nodes or systems (High end CPU with atleast 1 GB main memory) networked to the server	30	30	0
173	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	CNC Milling Machine	1	1	0
174	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	CNC Lathe	1	1	0
175	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	CAM Software for machining centre and turning centre (CNC Programming and tool path simulation for FANUC / Sinumeric and Heidenhain controller)	15	15	93.33
176	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	Any High end integrated modeling and manufacturing CAD / CAM software	15	15	0
177	B.E.	Mechanical Engineering	6	2021	ME3681 CAD/CAM LABORATORY	A3 size plotter	1	1	0
178	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Thermal conductivity of insulating powder apparatus	1	1	0
179	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Stefan-Boltzmann apparatus	1	1	0

180	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Single / two stage reciprocating air compressor	1	1	0
181	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Refrigeration test rig	1	1	0
182	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Pin-fin apparatus	1	1	0
183	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Parallel/counter flow heat exchanger apparatus	1	1	0
184	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Natural convection - vertical cylinder apparatus	1	1	0
185	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Lagged pipe apparatus	1	1	0
186	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Guarded plate apparatus	1	1	0
187	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Forced convection inside tube apparatus	1	1	0
188	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Emissivity measurement apparatus	1	1	0
189	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Composite wall apparatus	1	1	0
190	B.E.	Mechanical Engineering	6	2021	ME3611 HEAT TRANSFER LABORATORY	Air-conditioning test rig	1	1	0
191	B.E.	Computer Science and Engineering	3	2021	CS3311 Data Structures Laboratory	Dev C++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	1	1	0
192	B.E.	Computer Science and Engineering	3	2021	CS3311 Data Structures Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
193	B.E.	Computer Science and Engineering	3	2021	CS3311 Data Structures Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
194	B.E.	Computer Science and Engineering	3	2021	CS3361 Data Science Laboratory	Scipy, statmodels, seaborn, plotly	1	1	0
195	B.E.	Computer Science and Engineering	3	2021	CS3361 Data Science Laboratory	Python 3.9 or later, Anaconda Distribution	1	1	0
196	B.E.	Computer Science and Engineering	3	2021	CS3361 Data Science Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
197	B.E.	Computer Science and Engineering	3	2021	CS3361 Data Science Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
198	B.E.	Computer Science and Engineering	4	2021	CS3461 Operating Systems Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
199	B.E.	Computer Science and Engineering	4	2021	CS3461 Operating Systems Laboratory	Linux Ubuntu 20 or higher	30	30	0
200	B.E.	Computer Science and Engineering	4	2021	CS3461 Operating Systems Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
201	B.E.	Computer Science and Engineering	4	2021	CS3461 Operating Systems Laboratory	DevC++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	1	1	0
202	B.E.	Computer Science and Engineering	4	2021	CS3481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Oracle Database 12 or higher, MySQL 5.7 or higher versions, SQL Server 2022(16.x)	1	1	0

203	B.E.	Computer Science and Engineering	4	2021	CS3481 DATABASE MANAGEMENT SYSTEMS LABORATORY	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
204	B.E.	Computer Science and Engineering	4	2021	CS3481 DATABASE MANAGEMENT SYSTEMS LABORATORY	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
205	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Resistors, Capacitors, Inductors - sufficient quantities. Bread Boards	15	15	0
206	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Function Generators (3MHz)	10	10	0
207	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Dual Regulated Power Supplies (0 - 30V)	10	10	0
208	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Decade Resistance Box	10	10	0
209	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	CRO (30MHz)	10	10	0
210	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Ammeter(0-30mA)	30	30	0
211	B.E.	Electronics and Communication Engineering	2	2021	EC3271 CIRCUIT ANALYSIS LABORATORY	Voltmeter(0-30v)	30	30	0
212	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	BC107, BC547, BF195C, BFW10, IN4001, IN4007	25	50	0
213	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	CRO/DSO (30 MHz)	15	15	0
214	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	Dual Regulated Power Supplies (0-30 v)	15	15	0
215	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	Signal Generators / Function Generators (3 MHz)	15	15	0
216	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	SPICE Simulator	15	15	0
217	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	Standalone desktops PC	15	15	0
218	B.E.	Electronics and Communication Engineering	3	2021	EC3361 Electronic Devices and Circuits Laboratory	Bread Boards	15	15	0
219	B.E.	Electronics and Communication Engineering	3	2021	CS3362 C Programming and Data Structures Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
220	B.E.	Electronics and Communication Engineering	3	2021	CS3362 C Programming and Data Structures Laboratory	Standalone desktops PC	15	15	0
221	B.E.	Electronics and Communication Engineering	3	2021	CS3362 C Programming and Data Structures Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
222	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	CRO/DSO (30 MHz)	15	15	0
223	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	Trainer Kits for AM, FM, Signal Sampling, TDM, PCM, PAM, PPM,PWM, DM and Line Coding Schemes (Each 2)	2	2	0
224	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	Trainer Kits for ASK, FSK and PSK (Each 2)	2	2	0
225	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	Standalone desktops PC	15	15	0

226	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	MATLAB or equivalent open source software package for simulation Experiments	15	15	0
227	B.E.	Electronics and Communication Engineering	4	2021	EC3461 Communication Systems Laboratory	Signal Generators / Function Generators (3 MHz)	15	15	0
228	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Digital LCR Meter	2	2	0
229	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Transistor/MOSFET (BJT-NPN-PNP and NMOS/PMOS)	50	50	0
230	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Standalone desktops PC	15	15	0
231	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Resistors, Capacitors, Inductors	1	1	0
232	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Power Supplies (0 - 30V/3A)(0-30V/3A)(0-5V/3A) (+/-15V)	15	15	0
233	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	IC Tester	5	5	0
234	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	IC741, IC565, AD620 (Each 15)	15	50	0
235	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Digital Multimeter	15	15	0
236	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	Bread Boards	15	30	0
237	B.E.	Electronics and Communication Engineering	4	2021	EC3462 Linear Integrated Circuits Laboratory	70MHz DSO and 50 MHz Arbitrary Function Generator/ signal generator	15	15	0
238	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	Xilinx/Altera/equivalent FPGA Boards	15	15	0
239	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	Personal Computer	15	15	0
240	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	Cadence/ Mentor Graphics/Open Source equivalent CAD VLSI design tool	5	5	0
241	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	70MHz DSO and 50 MHz Arbitrary Function Generator/ signal generator	15	15	0
242	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	Xilinx ISE/Altera Quartus/ equivalent EDA Tools (User License)	15	15	0
243	B.E.	Electronics and Communication Engineering	5	2021	EC3561 VLSI Laboratory	Power Supplies (0 - 30V/3A)(0-30V/3A)(0-5V/3A) (+/-15V)	15	15	0
244	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CS3361 Data Science Laboratory	Scipy, statmodels, seaborn, plotly	1	1	0
245	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CS3361 Data Science Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
246	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CS3361 Data Science Laboratory	Python 3.9 or later, Anaconda Distribution	1	1	0
247	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CS3361 Data Science Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0

248	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CD3281 Data Structures and Algorithms Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
249	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CD3281 Data Structures and Algorithms Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
250	B.E.	Computer Science and Engineering (Cyber Security)	3	2021	CD3281 Data Structures and Algorithms Laboratory	Dev C++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	1	1	0
251	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3411 Cryptography and Cyber Security Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
252	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3411 Cryptography and Cyber Security Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
253	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3411 Cryptography and Cyber Security Laboratory	Network simulator like NS2/Glomosim/OPNET/ Packet Tracer / Equivalent	1	1	0
254	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3411 Cryptography and Cyber Security Laboratory	DevC++ / NetBeans / Eclipse IDEs / Java or equivalent compiler	1	1	0
255	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	AC/DC -Ammeters of required rating	10	10	0
256	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Function Generator (MHz Range)	5	5	0
257	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Multimeters	10	10	0
258	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Necessary Quantities of Resistors, Inductors, Capacitors of various capacities (Quarter Watt to 10 Watt)	1	1	0
259	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Oscilloscope (20 MHz)	10	10	0
260	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Printer	1	1	0
261	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Regulated Power Supply (0-30V )	15	15	0
262	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Single Phase Wattmeter of suitable rating	5	5	0
263	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Three phase star & delta connected load / Single phase load bank of suitable rating	3	3	0
264	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Decade Inductance Box	6	6	0
265	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Decade Capacitance Box	6	6	0
266	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Decade Resistance Box	6	6	0
267	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Connecting Wires	1	1	0
268	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Circuit Connection Boards	20	20	0

269	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	AC/DC - Voltmeters of required rating	10	10	0
270	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	10 Nos of PC loaded with Pspice/ Matlab/e-Sim / Scilab/Equivalent Software Package	10	10	0
271	B.E.	Electrical and Electronics Engineering	2	2021	EE3271 ELECTRIC CIRCUITS LABORATORY	Digital Storage Oscilloscope (20 MHz)	2	2	0
272	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Storage Oscilloscope	1	1	0
273	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	CRO	10	10	0
274	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Bread boards	10	10	0
275	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Necessary digital IC 8	10	10	0
276	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Regulated 3 output Power Supply 5, $\pm$ 15V	10	10	0
277	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Resistors, Capacitors and inductors	10	10	0
278	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Semiconductor devices like Diode, Zener Diode, NPN Transistors, JFET, UJT, Photo diode, Photo Transistor	10	10	0
279	B.E.	Electrical and Electronics Engineering	3	2021	EC3311 ELECTRONIC DEVICES AND CIRCUITS LABORATORY	Function Generators	10	10	0
280	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Three Phase Auto Transformer	1	1	0
281	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Three Phase Resistive Loading Bank	2	2	0
282	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Tachometer -Digital/Analog	8	8	0
283	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Single Phase Transformer	4	4	0
284	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Single Phase Resistive Loading Bank	2	2	0
285	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Single Phase Auto Transformer	2	2	0
286	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	Rheostats	1	1	0
287	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Shunt Motor with Loading Arrangement	3	3	0
288	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Shunt Motor Coupled With Three phase Alternator	1	1	0

289	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Shunt Motor Coupled With DC Shunt Generator	1	1	0
290	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Shunt Motor Coupled With DC Compound Generator	2	2	0
291	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Series Motor with Loading Arrangement	1	1	100
292	B.E.	Electrical and Electronics Engineering	3	2021	EE3311 ELECTRICAL MACHINES LABORATORY - I	DC Compound motor with loading arrangement	1	1	0
293	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	DC Shunt Motor Coupled With Three phase non-salient pole Alternator	3	3	0
294	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Single Phase Auto Transformer	2	2	0
295	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Single Phase Induction Motor with Loading Arrangement	2	2	0
296	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Tachometer -Digital/Analog	8	8	0
297	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Single Phase Resistive Loading Bank	2	2	0
298	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Three phase inductive load	1	1	0
299	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Three Phase Resistive Loading Bank	2	2	0
300	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Three Phase Auto Transformer	3	3	0
301	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Capacitor Bank	1	1	0
302	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Three Phase Induction Motor with Loading Arrangement	2	2	0
303	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	DC Shunt Motor Coupled With Three phase Salient Pole Alternator	1	1	0
304	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	DC Shunt Motor Coupled With Three phase Slip ring Induction motor	1	1	0
305	B.E.	Electrical and Electronics Engineering	4	2021	EE3411 ELECTRICAL MACHINES LABORATORY - II	Rheostats	1	1	0
306	B.E.	Electrical and Electronics Engineering	5	2021	EE3512 CONTROL AND INSTRUMENTATION LABORATORY	Desktop	30	30	0
307	B.E.	Electrical and Electronics Engineering	5	2021	EE3512 CONTROL AND INSTRUMENTATION LABORATORY	Mat Lab Latest Version	30	30	0
308	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Compilers: C / C++ / Matlab	30	30	0
309	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Laser Printer	1	2	0
310	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Personal Computers (Intel Core i5 or i7, 500 GB, 8 GB RAM)	30	30	0
311	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Server (Intel Core i7, 2 TB, 8 GB RAM or higher) (High Speed Processor)	1	2	0
312	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Software: EMTP / ETAP / CYME / MIPOWER / any Power system simulation software	5	5	0

313	B.E.	Electrical and Electronics Engineering	6	2021	EE3611 POWER SYSTEM LABORATORY	Dot matrix Printer	1	2	0
314	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Digital Multimeter	10	10	0
315	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Analog and Digital IC Tester (2 nos.each)	2	2	0
316	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Bread Board	1	1	0
317	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Capacitor	1	1	0
318	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Cathode Ray Oscilloscope (CRO) 50 Mhz	10	10	0
319	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Digital IC Types	1	1	0
320	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Diodes, IN4001, BY126	1	1	0
321	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Function Generator	5	5	0
322	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	IC 741/ICNE555/566/565	1	1	0
323	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	ICSG3524/SG3525	1	1	0
324	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	LED	1	1	0
325	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	LM317	1	1	0
326	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	LM723	1	1	0
327	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Potentiometer	1	1	0
328	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Regulated Power supply +12/-12V,5V	15	15	0
329	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Resistors ¼ Watt Assorted	1	1	0
330	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Single strand wire	1	1	0
331	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Step-down Transformer 230V/12-0-12V	1	1	0
332	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Transistor	1	1	0
333	B.E.	Electrical and Electronics Engineering	4	2021	EE3412 LINEAR AND DIGITAL CIRCUITS LABORATORY	Zener diodes	1	1	0
334	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Any MEMS simulation package /Open source	1	1	0
335	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Linux OS (Ubuntu/any other Linux OS)	25	25	0
336	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Python compilers	25	25	0

337	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Open source IDE for programming (Visual Studio code/code blocks/any other IDE)	25	25	0
338	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	NS2/NS3/optNet	25	25	0
339	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Any CAD package/open source	1	1	0
340	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Desktop computer/Laptop	25	25	0
341	M.E.	Embedded System Technologies	2	2021	ET4212 EMBEDDED PROGRAMMING LABORATORY - II	Labview/ any other software package /open source tools for instrumentation and control	5	5	0
342	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3412 Database Management Systems and Security Laboratory	Oracle Database 12 or higher, MySQL 5.7 or higher, SQL Server 2022(16.x),PostgresQL	1	1	0
343	B.E.	Computer Science and Engineering (Cyber Security)	4	2021	CB3412 Database Management Systems and Security Laboratory	SQL Map, JSQL Injection or equivalent	1	1	0
344	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3381 Database Design and Management Laboratory	UMLLET Version 15 and above, JetUMI, version 8.0 and above, Star UML version v5.0 and above	1	1	0
345	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3381 Database Design and Management Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
346	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3381 Database Design and Management Laboratory	Oracle Database 12 or higher, MySQL 5.7 or higher, SQL Server 2022(16.x)	1	1	0
347	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3381 Database Design and Management Laboratory	PostgreSQL, NetBeans / Visual Studio	1	1	0
348	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3381 Database Design and Management Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
349	B.Tech.	Artificial Intelligence and Data Science	3	2021	AD3311 Artificial Intelligence Laboratory	Python, Numpy, Scipy, Matplotlib, Pandas, seaborn	1	1	0
350	B.Tech.	Artificial Intelligence and Data Science	3	2021	AD3311 Artificial Intelligence Laboratory	Python3.9 and above	1	1	0
351	B.Tech.	Artificial Intelligence and Data Science	3	2021	AD3311 Artificial Intelligence Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
352	B.Tech.	Artificial Intelligence and Data Science	3	2021	AD3311 Artificial Intelligence Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
353	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3411 Data Science and Analytics Laboratory	Python3.9 and above	1	1	0
354	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3411 Data Science and Analytics Laboratory	Python , Numpy, Scipy ,Matplotlib, Pandas, seaborn, statmodels	1	1	0
355	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3411 Data Science and Analytics Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
356	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3411 Data Science and Analytics Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0

357	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3461 MACHINE LEARNING LABORATORY	The programs can be implemented in either Python or R	1	1	0
358	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3461 MACHINE LEARNING LABORATORY	Python , Numpy, Scipy ,Matplotlib, Pandas, seaborn, statsmodels Python3.9 and above, Anaconda Distribution	1	1	0
359	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3461 MACHINE LEARNING LABORATORY	Dev C++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	30	30	0
360	B.Tech.	Artificial Intelligence and Data Science	4	2021	AD3461 MACHINE LEARNING LABORATORY	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
361	B.Tech.	Artificial Intelligence and Data Science	5	2021	AD3511 DEEP LEARNING LABORATORY	sci-kit learn	1	1	0
362	B.Tech.	Artificial Intelligence and Data Science	5	2021	AD3511 DEEP LEARNING LABORATORY	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
363	B.Tech.	Artificial Intelligence and Data Science	5	2021	AD3511 DEEP LEARNING LABORATORY	Python , Numpy, Scipy ,Matplotlib, Pandas, seaborn, statsmodels Python3.9 and above, Anaconda Distribution	1	1	0
364	B.Tech.	Artificial Intelligence and Data Science	5	2021	AD3511 DEEP LEARNING LABORATORY	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
365	M.E.	Computer Science and Engineering	2	2021	CP4212 Software Engineering Laboratory	ArgoUML/ STARUML/JetUML that supports UML 1.4 and higher Selenium, JUnit or Apache JMeter, Bugzilla, testDirector, TestLink	1	1	0
366	M.E.	Computer Science and Engineering	2	2021	CP4212 Software Engineering Laboratory	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse and GPU as required	25	25	0
367	M.E.	Computer Science and Engineering	2	2021	CP4212 Software Engineering Laboratory	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	1	1	0
368	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	PIC Microcontrollers/ any other RISC 8 bit microcontroller with peripherals; IDE, Board Support Software Tools , Assembler , C Compiler/suitable open source software	6	6	0
369	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	Desktop computer/Laptop	10	10	0
370	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	8051 Microcontrollers/ any other CISC 8 bit microcontroller with peripherals; IDE, Board Support Software Tools , Assembler , C Compiler/suitable open source software	10	10	0
371	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	8 Bit CISC/RISC microcontroller Compatible ADC interface Unit	3	3	0
372	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	8 Bit CISC/RISC microcontroller Compatible DAC interface Unit	3	3	0
373	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	BLDC motor & Interface	2	2	0
374	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	Sensors and Interfacing (6 sets)	6	6	0
375	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	Stepper Motors and Interface	3	3	0
376	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	CRO	1	1	0
377	M.E.	Embedded System Technologies	1	2021	ET4111 Embedded System Laboratory I	LCD interface	3	3	0

378	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	ARM7 / ARM9/ARM Cortex/ any other ARM higher end processor with peripherals; IDE, Board Support Software Tools , Assembler , C Compiler/suitable open source software	5	5	0
379	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Stepper Motors and Interface	3	3	0
380	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Sensors and Interfacing	6	6	0
381	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Real Time Operating Systems (RTOS)- Any open source RTOS/ VXWorks/ Keil/ Android/Tiny OS/ RT Linux	1	1	0
382	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Rasperry Pi Boards with peripherals ;IDE, Board Support Software Tools /Compiler/others	5	5	0
383	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	LCD Interface	2	2	0
384	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	DSP Processor Boards with Board Support Tools & Interfaces	5	5	0
385	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Desktop computer/Laptop	25	25	0
386	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	BLDC motor & Interface	2	2	0
387	M.E.	Embedded System Technologies	2	2021	ET4211 EMBEDDED SYSTEM LABORATORY II	Arduino Boards with peripherals ;IDE, Board Support Software Tools /Compiler/others	10	10	0
388	M.E.	Computer Science and Engineering	1	2021	CP4161 ADVANCED DATA STRUCTURES AND ALGORITHMS LABORATORY	64-bit Open source Linux or its derivative	25	25	0
389	M.E.	Computer Science and Engineering	1	2021	CP4161 ADVANCED DATA STRUCTURES AND ALGORITHMS LABORATORY	Open Source C++ Programming tool like G++/GCC	25	25	0
390	M.E.	CAD/CAM	1	2021	CD4161 COMPUTER AIDED DESIGN LABORATORY	with 1 year Processor - Intel Core i7-10700 processor (2.90GHz, 16MB L3 cache); Memory -16 GB DDR4 SDRAM @ 2933 MHz Expandable up to 64 GB with one free slot; 2PCI/PCI Express Slots, Integrated Graphics Controller, 10/100/1000 Mbps Network Card, 6 USB Ports with at least two with 3.0, 2, RJ 45; Monitor - 19 inch (+/- 0.5) TFT/ Wide LED Color Monitor:Resolution 1366x768; Hard Disk Drive-1TB SATA HDD, 5400 RPM;USB Membrane keyboard; USB Optical Mouse; Operating System-Pre loaded Linux; OS Compatib	30	30	0
391	M.E.	CAD/CAM	1	2021	CD4161 COMPUTER AIDED DESIGN LABORATORY	Additional USB Ports, HDMI, VGA/Display port necessary converter to be provided, audio 3.5mm jack, Internal/External speakers, LED Monitor 2 GB Graphics card	30	30	0
392	M.E.	CAD/CAM	2	2021	CC4211 RAPID PROTOTYPING LABORATORY	FDM RP Machine capable to print ABS,PLA (1 machine for each 3 students)	1	1	0
393	B.Tech.	Artificial Intelligence and Data Science	2	2021	AD3271 DATA STRUCTURES DESIGN LABORATORY	Python 3 interpreter for Windows/Linux	30	30	0
394	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	Programmable Logic Controller with ladder logic programming software	1	1	0
395	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	5 -axis Robot	1	1	0

396	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	CAM Software for 3 axis machining or more	1	1	0
397	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	CNC Machining Centre	1	1	0
398	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	Video Measuring System	1	1	0
399	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	Surface Roughness tester	1	1	0
400	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	RDMBS Package with relevant modules like Inventory Control and MRP	1	1	0
401	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	CNC Production type turning or Machining center	1	1	0
402	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	Computers	30	30	0
403	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	Coordinate Measuring Machine	1	1	0
404	M.E.	CAD/CAM	1	2021	CM4161 COMPUTER AIDED MANUFACTURING LABORATORY	3D Printer	1	1	0
405	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	Traffic light interface board	5	5	0
406	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	ADC and DAC Interface boards	5	5	0
407	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	Stepper motor interface board	5	5	0
408	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	Software tool for 8085,8051,PIC assemblers loaded in computers (5 nos. PC with software license)	5	5	0
409	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	8051 Microcontroller trainer kit with power supply	15	15	0
410	B.E.	Electrical and Electronics Engineering	4	2021	EE3413 MICROPROCESSOR AND MICROCONTROLLER	8085 Trainer kit with power supply	15	15	0
411	B.E.	Electrical and Electronics Engineering	3	2021	CS3362 C PROGRAMMING AND DATA STRUCTURES LABORATORY	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30	30	0
412	B.E.	Electrical and Electronics Engineering	3	2021	CS3362 C PROGRAMMING AND DATA STRUCTURES LABORATORY	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30	30	0
413	B.E.	Electrical and Electronics Engineering	3	2021	CS3362 C PROGRAMMING AND DATA STRUCTURES LABORATORY	Standalone desktops PC	15	15	0
414	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Three phase PWM Inverter	2	2	0

415	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Voltmeter, Ammeter	10	10	0
416	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Step up chopper	1	1	0
417	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Step down chopper	1	1	0
418	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Single phase Semi converter	2	2	0
419	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Single phase PWM Inverter	2	2	0
420	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Single phase Full converter	2	2	0
421	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	SCR, TRIAC, IGBT, MOSFET (10 nos. Each)	10	10	0
422	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Regulated DC power supply	10	10	0
423	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Patchchords	20	20	0
424	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Multimeter	10	10	0
425	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	CRO	10	10	0
426	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Computer	10	10	0
427	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Buck converter	1	1	0
428	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Buck Boost converter	1	1	0
429	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Bread board	15	15	0
430	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	Boost Converter	1	1	0
431	B.E.	Electrical and Electronics Engineering	5	2021	EE3511 POWER ELECTRONICS LABORATORY	AC Voltage Controller	1	1	0
432	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Autotransformer	1	1	0
433	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeters 0-10 A, MI	2	2	0
434	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeters (0-100mA, 0-25mA, 0-1mA)	1	1	0
435	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeter MI (0-20A)	1	1	0
436	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeter MC (0-20A)	1	1	0

437	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeter (0-30)A, (0-5)A	1	1	0
438	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Ammeter (0-30 A), (0-2A)	1	1	0
439	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter MC (0-300)V	1	1	0
440	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter (0-30V)	1	1	0
441	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
442	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
443	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
444	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
445	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting wires	1	1	0
446	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting wires	1	1	0
447	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting wires	1	1	0
448	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting wires	1	1	0
449	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting wires	1	1	0
450	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Capacitor 100 $\mu$ F	1	1	0
451	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread Board	1	1	0
452	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread Board	1	1	0

453	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread Board	1	1	0
454	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread Board	1	1	0
455	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread board	1	1	0
456	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Bread board	1	1	0
457	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	AND Gate IC 7408	1	1	0
458	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter MI (0-300)V	1	1	0
459	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Wattmeter - 300V, 30 A	1	1	0
460	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Wattmeter - 300V,5A,UPF	1	1	0
461	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Wattmeters 0-5 A,300V	2	2	0
462	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	X-OR Gate IC 7486	1	1	0
463	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
464	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Connecting Wires	1	1	0
465	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	CRO	1	1	0
466	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	D C Power Supply (0-128 V), (0-32V )	1	1	0
467	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC power supply (0-30V)	1	1	0
468	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC Regulated Power supply (0 - 30 V variable)	1	1	0

469	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC Regulated Power supply (0 - 30 V variable)	1	1	0
470	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC Regulated Power supply (0 - 30 V variable)	1	1	0
471	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC shunt generator(0- 300V)	1	1	0
472	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC Shunt Motor	1	1	0
473	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	DC Shunt Motor coupled with DC shunt Generator	1	1	0
474	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Digital IC trainer	1	1	0
475	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Digital multimeter	1	1	0
476	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Digital Multimeter	1	1	0
477	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Diodes (Si-1N4007) - 4	1	1	0
478	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Field Rheostat 175 $\Omega$ , 1.5 A	1	1	0
479	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	IC 7400, 7402, 7404,7408,7432,7486	1	1	0
480	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	IC Trainer Kit	1	1	0
481	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	LVDT kit	1	1	0
482	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	MOSFET (2N7000)	1	1	0
483	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Multimeter	1	1	0
484	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Multimeter	1	1	0

485	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Multimeter	1	1	0
486	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Multimeter	1	1	0
487	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Multimeter	1	1	0
488	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	NOT Gate IC 7404	1	1	0
489	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	OR Gate IC 7432	1	1	0
490	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Patch chords	1	1	0
491	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Patch Chords	1	1	0
492	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	PN Diode (BY127, OA79), Zener diode (6.8V, 1A)	1	1	0
493	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Resistor 1K $\Omega$	1	1	0
494	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Resistor 1 K $\Omega$ , 100 $\Omega$	1	1	0
495	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	resistor (1K $\Omega$ , 100K $\Omega$ )	1	1	0
496	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Resistors	1	1	0
497	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Resistors 1K $\Omega$ , 1K $\Omega$	1	1	0
498	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Resistors- 1k $\Omega$ , 470K $\Omega$ , 1M $\Omega$	1	1	0
499	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Rheostat 175 $\Omega$ , 250 $\Omega$	1	1	0
500	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Rheostat 7.5 $\Omega$ , 10 A	1	1	0

501	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	SCR TYN604	1	1	0
502	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Single phase Induction motor	1	1	0
503	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Single phase Transformer	1	1	0
504	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Tachometer	1	1	0
505	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Tachometer	1	1	0
506	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Tachometer - Digital	1	1	0
507	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Three Phase Variable Load	1	1	0
508	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Transformer (6-0-6)V	1	1	0
509	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Transistor (No-BC548)	1	1	0
510	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter (0-100V)	1	1	0
511	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter (0-150)V,(0-300)V	1	1	0
512	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter 0-200v,MI	1	1	0
513	B.E.	Mechanical Engineering	2	2021	BE3271 BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LABORATORY	Voltmeter(0-300v)	1	1	0
514	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	Arduino Boards with peripherals ;IDE, Board Support Software Tools /Compiler/others	10	10	0
515	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	C/C++/Java/Embedded C/Embedded Java/ Compilers &Platforms/cloud	20	30	0
516	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	Desktop computer/Laptop	20	30	0
517	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	FPGA Processor Boards with Board Support Tools & Interfaces	3	3	0

518	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	Simulation Tools Proteus/ ORCAD	5	5	0
519	M.E.	Embedded System Technologies	1	2021	ET4112 Embedded Programming Laboratory I	Simulation Tools MATLAB /any other suitable Simulation software packages for programming/open source simulators	5	5	0
520	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Friction Apparatus setup	1	1	0
521	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY		1	1	0
522	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Centrifugal pump set up	1	1	0
523	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Reciprocation pump set up	1	1	0
524	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Pelton Wheel turbine set up	1	1	0
525	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Venturimeter setup	1	1	0
526	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Tachometer	1	1	0
527	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	IM wooden seal	1	1	0
528	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Metacentric Height apparatus setup	1	1	0
529	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Stop watch	1	1	0
530	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY		1	1	0
531	B.E.	Mechanical Engineering	3	2021	CE3481 STRENGTH OF MATERIALS AND FLUID MACHINERY LABORATORY	Impact of jet setup	1	1	0

**17(i). Central Computing Facility Area**

<b>Projected Area (sq.m)</b>	150
<b>Area available(sq.m)</b>	164
<b>Deficiency %</b>	0.00

### 17.(ii) Terminals Lan Wan

Sl.No.	Course Type	Total Student	Number of Terminals with p4 processor or higher			Number of Terminals On LAN /WAN			Number of Printers		
			Required	Available	Deficiency	Required	Available	Deficiency	Required	Available	Deficiency
1	B.E.	1200	120	300	0.00	120	300	0.00	6	20	0.00

### 17.(iii) Softwares

Software required	Name of the software available
System software -(Three)	1. Windwos 10 2. Linux Lite 3. Ubuntu
Application Software -(Twenty)	1. Orcad 2. Xilinx ISE 3. Python 4. JAVA 5. MYSQL 6. PostGreSQL 7. GCC 8. LAMP 9. Apache Tomcat 10. Ansys 11. Scilab 12. NS2 13. Visual Studio Code 14. Keil 15. Andriod Studio 16. Anaconda 17. CNC 18. NGSpice 19. Libre office 20. Node JS 21. MYSQL Workbench 22. Perl

### 17.(iv) Network Connectivity

Network Connectivity	
<b>Total Students</b>	687
<b>Required Bandwidth in Mbps</b>	64
<b>Available Bandwidth in Mbps</b>	600
<b>Number of nodes with internet connection</b>	250
<b>Deficiency %</b>	0.00

**18(i). Library Area**

<b>Type of Institution</b>	Engineering Courses
<b>Projected Area (sq.m)</b>	400
<b>Area available(sq.m)</b>	1219
<b>Deficiency %</b>	0.00

**18(ii).Library Books**

	<b>Required</b>	<b>Available</b>	<b>Deficiency %</b>
<b>Science &amp; Humanities</b>			
<b>No.of volumes(M1)</b>	1000	3184	0.00
<b>No.of volumes added for the year 2025-2026(M3)</b>	190	300	0.00
<b>Total no.of volumes(M1+M2+M3)</b>	14840	38371	0.00
<b>Overall Deficiency</b>			0.00
<b>Engg./Tech.,Arch &amp;plan., Management and Computer applications</b>			
<b>No.of titles(T)</b>	1900	10022	0.00
<b>No.of volumes(M2)</b>	13650	34887	0.00

**18(iii). Library Journals**

<b>Degree</b>	<b>Course</b>	<b>Required</b>	<b>Available</b>	<b>Deficiency %</b>	<b>Required</b>	<b>Available</b>	<b>Deficiency %</b>
B.E.	Electronics and Communication Engineering	6	6	0.00	6	6	0.00
B.E.	Electrical and Electronics Engineering	6	6	0.00	6	6	0.00
B.E.	Mechanical Engineering	6	6	0.00	6	6	0.00
B.E.	Computer Science and Engineering (Cyber Security)	6	6	0.00	6	6	0.00
B.E.	Computer Science and Engineering	6	6	0.00	6	6	0.00
B.Tech.	Artificial Intelligence and Data Science	6	6	0.00	6	6	0.00
M.E.	CAD/CAM	6	6	0.00	6	6	0.00
M.E.	Embedded System Technologies	6	6	0.00	6	6	0.00
M.E.	Computer Science and Engineering	6	6	0.00	6	6	0.00

**19(i). Class Rooms availability in the whole college**

<b>Sl.No.</b>	<b>Name of the Block</b>	<b>Area (Length * Width) in sq.m.</b>	<b>Number of Rooms</b>	<b>Type of roof</b>	<b>Capacity</b>
1	ECE BLOCK	101.26	14	Permanent	1288.76
2	EEE BLOCK	101.26	6	Permanent	552.33
3	CSE BLOCK	101.26	10	Permanent	920.55
4	SCIENCE AND HUMANITIES	101.26	11	Permanent	1012.6
5	MECH BLOCK	101.26	3	Permanent	276.16

  

<b>Sl.No.</b>	<b>Name of the Block</b>	<b>Latitude</b>	<b>Longitude</b>
1	ECE BLOCK	12.946176	80.040044
2	EEE BLOCK	12.930762	80.043512
3	CSE BLOCK	12.930285	80.04494
4	SCIENCE AND HUMANITIES	12.935464	80.048078
5	MECH BLOCK	12.92868	80.04491

**19(ii). Summary of Class Rooms availability**

<b>Required</b>	<b>Available</b>	<b>Deficiency %</b>
19	44	0

**20. Number of Drawing halls / Conference halls**

<b>Degree</b>	<b>Number of Studios Required</b>	<b>Number Available</b>	<b>Deficiency %</b>	<b>Area of the each drawing hall required (sq.m.)</b>	<b>Area of the drawing hall available (sq.m.)</b>	<b>Deficiency %</b>
B.E.	2	2	0	264	264	0

**21(i). Administrative Area**

<b>SI.NO</b>	<b>Building space for</b>	<b>Carpet Area required (sq.m.)</b>	<b>Available (sq.m.)</b>	<b>Deficiency %</b>
1	<b>Principal</b>	30	40	0 %
2	<b>Director office</b>	30	45	0 %
3	<b>Board Room</b>	20	41	0 %
4	<b>Office all inclusive (One program)</b>	150	200	0 %
5	<b>Department offices</b>	20	25	0 %
6	<b>Cabins for Head of Departments</b>	20	25	0 %
7	<b>Faculty Rooms</b>	5	10	0 %
8	<b>Central Stores</b>	30	35	0 %
9	<b>Maintenance</b>	10	15	0 %
10	<b>Security</b>	10	10	0 %
11	<b>Housekeeping</b>	10	10	0 %
12	<b>Pantry for staff</b>	10	10	0 %
13	<b>Examinations Control office</b>	30	35	0 %
14	<b>Placement office</b>	30	40	0 %

**21(ii). Amenities**

<b>S.No.</b>	<b>Building space for</b>	<b>OneProgram required (sq.m.)</b>	<b>Available (sq.m.)</b>	<b>Deficiency %</b>
1	<b>Gents Toilet / Ladies Toilet</b>	150	1960	0 %
2	<b>Boys Common Room</b>	75	125	0 %
3	<b>Girls Common Room</b>	75	125	0 %
4	<b>Cafeteria</b>	150	1905	0 %
5	<b>Stationery Store &amp; Reprography</b>	10	50	0 %
6	<b>First Aid cum Sick room</b>	10	36	0 %
7	<b>Principal's quarters</b>	150	150	0 %
8	<b>Guest House</b>	30	30	0 %
9	<b>Sports Club / Gymnasium</b>	100	205	0 %
10	<b>Auditorium / Amphi Theater</b>	250	400	0 %
11	<b>Boys Hostel</b>	Adequate	4000	0 %
12	<b>Girls Hostel</b>	Adequate	2000	0 %

### 22(i). Boys Hostel Details

Hostel	Buildings	Location	Distance	Total Admitted Strength	Block Name	Room Type	Other Seated Room Type	Carpet area of room (sq.m.)	Number of rooms Required	Number of rooms Available	Room capacity Required (sq.m.)	Room capacity Available
Yes	Owned	Inside Campus	Within 20 KM	300	ECE BLOCK	Triple Seated Room	0	20	100	126	2000	2520

**22(ii). Boys hostel Summary**

<b>Room Type</b>	<b>Total hostel capacity required (sq.m.)</b>	<b>Total hostel capacity available (sq.m.)</b>	<b>Deficiency %</b>
Triple Seated Room	2000	2520	0
Triple Seated Room			0

### 22(iii). Girls Hostel Details

Hostel	Buildings	Location	Distance	Total Admitted Strength	Block Name	Room Type	Other Seated Room Type	Carpet area of room (sq.m.)	Number of rooms Required	Number of rooms Available	Room capacity Required (sq.m.)	Room capacity Available
Yes	Owned	Inside Campus	Within 20 KM	300	ECE BLOCK	Triple Seated Room	0	20	100	126	2000	2520
Yes	Owned	Inside Campus	Within 20 KM	157	EEE BLOCK	Triple Seated Room	0	20	52	55	1040	1100

**22(iv). Girls hostel Summary**

<b>Room Type</b>	<b>Total hostel capacity required (sq.m.)</b>	<b>Total hostel capacity available (sq.m.)</b>	<b>Deficiency %</b>
Triple Seated Room	2000	2520	0
Triple Seated Room	1040	1100	0

**22(v). Other related building areas**

<b>Description of the area</b>	<b>Required carpet area (sq.m.) per hostel unit of 120 students</b>	<b>Available carpet area (sq.m.)</b>	<b>Deficiency %</b>
Kitchen and Dining Hall	200	2438.08	0 %
Indoor games cum Common hall	150	200	0 %
Medical room (for all hostels)	50	101.26	0 %
Canteen	50	200	0 %
Warden office	18	20	0 %
Warden office Additional 4 rooms of 9 (sq.m.) each within the blocks	36	50	0 %
Guest rooms (2 nos)	18	50	0 %
Guest rooms Additional 4 rooms of 9 (sq.m.) each within the blocks	36	60	0 %
Toilets	75	100	0 %

### 23. Physical Education

SL.No	Description	Details
1	Total area of the play ground(sq.m)	2000.00
2	Details of the outdoor Games available	1 silambam 2 hand ball 3 throw ball 4 foot ball 5 kabaddi 6 ball badminton 7 cricket 8 basket ball 9 volley ball
3	Details of the Indoor Games available	1 caroom board 2 chess board 3 table tennins
4	Details of gymnasium available	1 Separate Gym for Boys in Boys Hostel 2 Separate Gym for Girls in Girls Hostel
5	Funds allotted to physical Education	600000

**24(i). Training and Placement Cell**

<b>Sl.No.</b>	<b>Name</b>	<b>Designation</b>	<b>Department</b>
1	Ms. Aruna A	Assistant Professor	COMPUTER SCIENCE AND ENGINEERING
2	Dr. BHARATHIRAJA N	Others-Placement Director	OTHERS-ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**24(ii). Facilities available**

<b>Sl.No</b>	<b>Item</b>	<b>Available (Yes/No)</b>
1.	Conference Hall	YES
2.	Interview Room	YES
3.	OHP	YES
4.	LCD projector	YES
5.	Audio visual facilities	YES

## 25. Alumni Association

<b>Sl.No</b>	<b>Alumni association</b>	<b>Available(YES/NO)</b>
1.	Is alumni association functioning in the college?	YES

**26(i). Health Centre**

<b>SL.No.</b>	<b>Name of the staff</b>	<b>Designation</b>	<b>Qualification</b>	<b>Experience</b>
1	Mrs.Meena A	Nurse	Others - Diploma in Nursing General	20
2	Dr.Srinivasababu S	Doctor	M.D. General Medicine	15

**26(ii). Other Amenities**

<b>Sl.No</b>	<b>Item</b>	<b>Available(Yes/No)</b>
1.	Drinking Water facility	YES
2.	Electric Supply	YES
3.	Generator (min.25 KVA)	YES
4.	Sewage Disposal	YES
5.	Telephone facility	YES
6.	Vehicle Parking Stand	YES
7.	Website	YES
8.	Barrier free built environment for disable	YES
9.	Safety Provisions(Fire and Others)	YES
10.	General Insurance for Assets	YES
11.	All Weather Approach road	YES
12.	Notice Boards	YES
13.	Public announcement System	YES
14.	ERP for student-institution,Parent interaction	YES
15.	Transport facilities for staff and students	YES
16.	Bank /extension counter facility / post	YES
17.	CCTV Security	YES
18.	LCD in Class Rooms	YES
19.	Group Insurance for Employee	YES
20.	Group Insurance for Students	YES
21.	Staff Quarters	NO
22.	Rain Water Harvesting Structures	YES

## 27. Registers and Records

Sl.No	Name of Register / Record	Is it Maintained properly Yes/No
1.	Department wise faculty profile	YES
2.	Department wise Non-Teaching Staff Profile	YES
3.	Register of Students attendance and assessment record	YES
4.	Attendance for Teaching and non-teaching staff	YES
5.	Advertisement for the recruitment of Faculty members	YES
6.	Minutes of the meeting of staff selection Committee	YES
7.	Appointment / offer letters issued to faculty members	YES
8.	Joining report of staff members	YES
9.	Record of students(course wise)	YES
10.	Academic performance record of students(course wise)	YES
11.	Record of student projects(UG,PG& PhD)	YES
12.	Register of attendance and assessment record(course wise)	YES
13.	Record of scholarships / fellowships / financial assistance for students	YES
14.	Books of Transfer certificate(including counterfoils)	YES
15.	Copy of Regulations, curriculum and syllabi(course wise)	YES
16.	Record of Research /Consultancy /Extension activites(Department wise)	YES
17.	Record of Achievements,Award and Recognition(Department wise)	YES
18.	Master time table and Academic calendar	YES
19.	Accession register for library	YES
20.	Stock register for equipment	YES
21.	Stock register for consumable	YES
22.	Stock register for furniture	YES
23.	Stock register for tools and plants	YES
24.	Minutes of the meetings of the Governing council of the college	YES
25.	Minutes of the meetings of the Planning and Monitoring Board	YES
26.	Minutes of the meetings of the Registered Society /Trust of the college	YES

27.	Year-wise audited statement of the college and also in the format specified by the University	YES
28.	Cash book of the college	YES
29.	Acquaintance register	YES
30.	Fee receipt books(including counterfoils)	YES
31.	Funds position /Bank certificates/FDR copies to indicate financial stability	YES

## 28. Certificates

Sl.No	Certificate Names	Images
1.	Village field map / Field measurement book sketch	Certificate 1.1 Certificate 1.2
2.	Irrevocable Trust Registration Deed.	Certificate 2.1 Certificate 2.2
3.	Documentary proof for ownership of lands exclusively earmarked for the College.	Certificate 3.1 Certificate 3.2
4.	Legal opinion from not below the rank of the Govt. pleader on the ownership of land and extent of coverage.	Certificate 4.1 Certificate 4.2
5.	Land use Certificate from an appropriate authority (RDO) and Land conversion certificate form the Directorate of Town & Country planning.	Certificate 5.1 Certificate 5.2
6.	# Certificate under Section 37 (B) of Tamil Nadu Land Reforms (Land fixation and Ceiling) Act, 1961.	Certificate 6.1 Certificate 6.2
7.	# State Government permission for starting the College.	Certificate 7.1 Certificate 7.2
8.	Composition of the Governing council.	Certificate 8.1 Certificate 8.2
9.	Master Time - Table for all courses and all sections with classroom arrangements.	Certificate 9.1 Certificate 9.2
10.	Audited statement of accounts of the college for the past three years.	Certificate 10.1 Certificate 10.2
11.	Certificates for fire/boiler/electrical safety from competent authorities.	Certificate 11.1 Certificate 11.2
12.	Certificate from Health Inspector.	Certificate 12.1 Certificate 12.2
13.	Certificate from PWD Superintendent Engineer for the structural stability of the building.	Certificate 13.1 Certificate 13.2
14.	NOC obtain from the University for Increase in intake / New Course(s) /NBA Certificate for accredited Courses, if any	Certificate 14.1 Certificate 14.2
15.	Building and equipment insurance certificate.	Certificate 15.1 Certificate 15.2
16.	College sitemap / plan /Existing building plan	Certificate 16.1 Certificate 16.2
17.	NIRF Certificate.	Certificate 17.1 Certificate 17.2
18.	NAAC Certificate.	Certificate 18.1 Certificate 18.2

19.	CM Cell Petition Resolved	Certificate 19.1 Certificate 19.2
20.	RTI Petition Resolved	Certificate 20.1 Certificate 20.2
21.	NBA Certificate for accredited Course , if any.	Certificate 21.1 Certificate 21.2
22.	Building sketch [details of Rooms, Laboratories, Stores, Library etc. for all the floors] / Building plan proposed.	Certificate 22.1 Certificate 22.2

### 29. Processing Fee

SL.No	Courses for which affiliation is sought for the year	Number of course(s)	Inspection / Processing fee per course RS	Total Amount				
1	No. of the existing Courses with existing/reduction intake	6	20000	120000				
2	No. of the affiliated course with increase in intake	2	40000	80000				
3	No. of the Addtional academic courses	0	40000	0				
4	No. of existing permanently affiliated courses with Existing / Reduction	1	50000	50000				
5	No. of permanently affiliated courses with increase in intake	2	50000	100000				
6	Application Submission LATE FEE	0	50000	0				
Fee deduction				220000	Grand Total	130000		
SI.NO	Amount (Rs)	RTGS/NEFT/IMPS/UTR No.	Date	Name of the Bank	Branch			
1	130000	IOBAN25024240812	24-01-2025	INDIAN OVERSEAS BANK	MANIMANGALAM			

### 30. Endorsement of the Principal



### 31. Declaration by the Management

#### Declaration by the Management

I, Thiru. / Tmt. Ramamurthi VP Son / Daughter of Thiru. Perumalial VR on behalf of the Trust, viz., DHANALAKSHMI EDUCATIONAL TRUST hereby declare that the particulars furnished in the application are correct to the best of my knowledge. No programme(s) / course(s) will be started and students admitted without the prior approval/affiliation of AICTE / COA / DGS / Anna University, Chennai for the academic year Concerned and all the original documents related to the particulars given in the application will be produced at the time of inspection and whenever called for.



Chairman / Secretary  
(DR. RAMAMURTHI VP)

**Dr. V.P RAMAMURTHI, Ph.D.**  
**CHAIRMAN**  
**DHANALAKSHMI COLLEGE OF ENGINEERING**  
**MANIMANGALAM, TAMBARAM,**  
**CHENNAI - 601 301.**

Seal

Place : Manimangalam  
Date : 30-01-2025