



# SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi-110070 & Affiliated to Anna University, Chennai-25)

## INDEX

### Key Indicator 4.1.1

**Documents relating to Institution Infrastructure and Physical Facilities for Teaching-Learning, viz., Classrooms, Laboratories, Computing Equipments, etc.**

S. NO.	DOCUMENTS	PAGE NO.
1	TEACHING-LEARNING FACILITIES (Area Details)	2 - 8
2	TEACHING-LEARNING FACILITIES (Consolidated )	8
3	PHOTOS - LECTURE HALLS	9 & 10
4	PHOTOS - LECTURE HALL (ICT ENABLED)	11
5	PHOTO - TUTORIAL HALL	12
6	PHOTOS – EEE & ICE SEMINAR HALLS	13
7	PHOTOS – CSE SEMINAR HALL & CHEMISTRY FACULTY ROOM	14
8	PHOTOS – MECHANICAL & ICE FACULTY ROOMS	15
9	PHOTOS - HoD ROOMS	16
10	PHOTOS - LABORATORIES	17 - 24



## SARANATHAN COLLEGE OF ENGINEERING

4.1.1 The Institution has adequate Infrastructure and Physical facilities for Teaching-Learning, viz., Classrooms, Laboratories, Computing Equipments, etc.

### TEACHING-LEARNING FACILITIES (AREA DETAILS)

S.No.	Block	Room No.	Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.	Area (sq. m.)
1	JS BLOCK	101	HoD & Faculty Room	34
2	JS BLOCK	102	Lecture Hall	69
3	JS BLOCK	103	Lecture Hall	69
4	JS BLOCK	104	Concrete & Highway Laboratory, Soil Mechanics Laboratory	157
5	JS BLOCK	105	Seminar Hall	132.49
6	JS BLOCK	106	Boys Toilet	30.65
7	JS BLOCK	201	Training & Placement	98.28
8	JS BLOCK	202	Discussion Room for Training & Placement	33
9	JS BLOCK	203	Laboratory	100.13
10	JS BLOCK	203A	Server / Printer Room	34.16
11	JS BLOCK	204	Laboratory	131.05
12	JS BLOCK	204A	UPS Room	10.22
13	JS BLOCK	205	Dining Hall	51.12
14	JS BLOCK	206	Girls Toilet	30.67
15	JS BLOCK	301	Drawing Hall	132
16	JS BLOCK	302	Design Project Lab	92.46
17	JS BLOCK	303	Girls Common Room	100
18	JS BLOCK	304	First Aid & Sick Room	30
19	JS BLOCK	305	Boys Common Room	100
20	JS BLOCK	306	Boys Toilet	30.67
21	BD BLOCK	101	Laboratory	147.18
22	BD BLOCK	102	Laboratory	147.18
23	BD BLOCK	103	Laboratory	147.18
24	BD BLOCK	201	Lecture Hall	107.16
25	BD BLOCK	202	Tutorial Hall	33.7
26	BD BLOCK	203	Faculty Room	90.37
27	BD BLOCK	204	Lecture Hall	107.16
28	BD BLOCK	205	Lecture Hall	107.16
29	BD BLOCK	301, 302, 303	Examination Hall	425.15
30	RV BLOCK	401	Faculty Room	112.19
31	RV BLOCK	409	HoD & Faculty Room	39.73
32	RV BLOCK	410	Lecture Hall	76.19

<b>S.No.</b>	<b>Block</b>	<b>Room No.</b>	<b>Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.)</b>	<b>Area (sq. m.)</b>
33	RV BLOCK	411	Lecture Hall	76
34	RV BLOCK	412	Seminar Hall	132
35	RV BLOCK	413	Lecture Hall	77
36	RV BLOCK	414	Lecture Hall	77
37	RV BLOCK	415	Lecture Hall	77
38	RV BLOCK	416	Lecture Hall	77
39	RV BLOCK	101	Computer Laboratory - I	80
40	RV BLOCK	102	Computer Laboratory - II	80
41	RV BLOCK	103	Computer Laboratory - III	80
42	RV BLOCK	104	Computer Laboratory - IV	80
43	RV BLOCK	105	Computer Laboratory - V	80
44	RV BLOCK	106	Computer Laboratory - VI	80
45	RV BLOCK	107	UPS Room	20
46	RV BLOCK	107A	UPS Room	60
47	KS BLOCK	101	Lecture Hall	98.98
48	KS BLOCK	102	Electrical Machines Lab	381.68
49	KS BLOCK	103	Electrical Drives lab	70
50	KS BLOCK	104	Boys Toilet	65.17
51	KS BLOCK	105	Power Electronics and Electric Circuits Lab	100
52	KS BLOCK	106	Power System simulation Lab	66
53	KS BLOCK	107	Measurements and Instrumentation Lab	100
54	KS BLOCK	108	Girls Toilet	65.17
55	KS BLOCK	109	Lecture Hall	98.98
56	KS BLOCK	110	Lecture Hall	98.98
57	KS BLOCK	111	Lecture Hall	98.98
58	KS BLOCK	112	Tutorial Hall	33
59	KS BLOCK	113	Lecture Hall	98.98
60	KS BLOCK	114	Lecture Hall	98.98
61	KS BLOCK	115	HoD Room	23
62	KS BLOCK	115A	Faculty Room	22.92
63	KS BLOCK	116	Faculty Room	45.92
64	KS BLOCK	117	Faculty Room	45.92
65	KS BLOCK	118	Switch Gear Lab	45.92
66	KS BLOCK	119	Toilet	7
67	KS BLOCK	203	Seminar Hall	132
68	KS BLOCK	218	Lecture Hall	33

<b>S.No.</b>	<b>Block</b>	<b>Room No.</b>	<b>Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.)</b>	<b>Area (sq. m.)</b>
69	KS BLOCK	219	Lecture Hall	33
70	KS BLOCK	301, 301A, 301B	Microprocessor/Microwave Lab + Store Room	173.77
71	KS BLOCK	302, 302A	Integrated Circuits Lab + Store Room	141.1
72	KS BLOCK	303, 303A	Electronics Lab + Store Room	148
73	KS BLOCK	304, 304A	Communication Systems Lab + Store Room	148.2
74	KS BLOCK	305	Boys Toilet	65.23
75	KS BLOCK	306	DSP Lab/Networks Block Lab	98.36
76	KS BLOCK	307	Lecture Hall	98.5
77	KS BLOCK	308	Lecture Hall	33
78	KS BLOCK	309	Tutorial Hall	33
79	KS BLOCK	310	Girls Toilet	65.23
80	KS BLOCK	311	Lecture Hall	98.98
81	KS BLOCK	312	Lecture Hall	98.98
82	KS BLOCK	313	Lecture Hall	98.98
83	KS BLOCK	314	Tutorial Hall	33.45
84	KS BLOCK	315	Lecture Hall	98.98
85	KS BLOCK	316	Lecture Hall	118.49
86	KS BLOCK	317	Department Library	43.37
87	KS BLOCK	318	HoD & Faculty Room	43.86
88	KS BLOCK	319	Faculty Room	43.86
89	KS BLOCK	320	Lecture Hall	43.86
90	KS BLOCK	321	Faculty Room	43.86
91	KS BLOCK	210	Advanced Communication Systems Lab+ Research Lab	98.98
92	KS BLOCK	216	Seminar Hall	132
93	KS BLOCK	209	VLSI/Embedded Systems Laboratory	98.98
94	KS BLOCK	201	Circuits and Instrumentation System Design Laboratory	85.69
95	KS BLOCK	202	UPS Room	19.52
96	KS BLOCK	204	Transducer and Measurement Laboratory	115.1
97	KS BLOCK	205	Process Control Laboratory	72
98	KS BLOCK	206	Virtual Instrumentation Laboratory	72
99	KS BLOCK	207	Advanced Control System Laboratory	72
100	KS BLOCK	208	Boys Toilet	53.76

<b>S.No.</b>	<b>Block</b>	<b>Room No.</b>	<b>Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.</b>	<b>Area (sq. m.)</b>
101	KS BLOCK	211	Tutorial Hall	65.52
102	KS BLOCK	212	Girls Toilet	65.17
103	KS BLOCK	213	Lecture Hall	98.28
104	KS BLOCK	214	Lecture Hall	98.98
105	KS BLOCK	215	Lecture Hall	98.72
106	KS BLOCK	217	Maintenance Room	18.14
107	KS BLOCK	219A	Girls Common Room	33
108	KS BLOCK	220	Seminar Hall	43.94
109	KS BLOCK	221	HoD Room	43.94
110	KS BLOCK	222	Faculty Room	43.94
111	KS BLOCK	223	E-Yantra Laboratory	43.94
112	KS BLOCK	224	NI Research Laboratory	43.94
113	ME Block	101	Lecture Hall	33
114	ME Block	102	Lecture Hall	33
115	ME Block	103	CAD/CAM Lab	66.06
116	ME Block	104	Seminar Hall	132
117	ME Block	105	Boys Toilet	20
118	ME Block	106	Girls Toilet	5.23
119	ME Block	201	HoD Room	33
120	ME Block	202	Faculty Room	33
121	ME Block	203	PG Research Lab	66
122	ME Block	204	Mechatronics Lab	66
123	ME Block	205	Tutorial Hall	33
124	ME Block	206	Boys Toilet	66
125	ME Block	301	Lecture Hall	92
126	ME Block	302	Lecture Hall	92
127	ME Block	303	Lecture Hall	92
128	ME Block	304	Faculty Room	15
129	ME Block	401	Lecture Hall	92
130	ME Block	402	Lecture Hall	92
131	ME Block	403	Lecture Hall	92
132	ME Block	404	Faculty Room	15
133	MECH WORKSHOP	101	Faculty Room	18.27
134	MECH WORKSHOP	102	Instructional Area	44.1
135	MECH WORKSHOP	103	Basic Workshop	327.71
136	MECH WORKSHOP	104		

<b>S.No.</b>	<b>Block</b>	<b>Room No.</b>	<b>Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.</b>	<b>Area (sq. m.)</b>
137	MECH WORKSHOP	105	MT Lab I & II	300
138	MECH WORKSHOP	201	Department Library	12.68
139	MECH WORKSHOP	202	Faculty Room	100
140	ANNADHURAI BLOCK	101	Faculty Room	19.09
141	ANNADHURAI BLOCK	102	Metrology Lab	66
142	ANNADHURAI BLOCK	103	PG Thermal Lab	80
143	ANNADHURAI BLOCK	104	Strength of Materials Lab	133.83
144	ANNADHURAI BLOCK	105	Fluid Mechanics Lab	133.83
145	ANNADHURAI BLOCK	106	Thermal Lab 1	165.01
146	ANNADHURAI BLOCK	107	Faculty Room	40
147	ANNADHURAI BLOCK	108	Thermal Lab 2	66
148	ANNADHURAI BLOCK	109	Dynamics Lab	66.24
149	ANNADHURAI BLOCK	110	Survey Lab	67.29
150	RV BLOCK	301	Lecture Hall	79
151	RV BLOCK	302	Lecture Hall	80
152	RV BLOCK	316	Drawing Hall	161.18
153	RV BLOCK	308	Girls Toilet	33.19
154	RV BLOCK	309	Faculty Room	30.43
155	RV BLOCK	310	Girls Toilet	29.57
156	RV BLOCK	311	Boys Toilet	40
157	RV BLOCK	313	Faculty Room	40
158	RV BLOCK	314	HoD & Faculty Room	40
159	RV BLOCK	312-A	HoD & Faculty Room	40
160	RV BLOCK	312	Physics Lab	196.85
161	RV BLOCK	315	Examination Cell	79.2
162	RV BLOCK	303	Lecture Hall	80
163	RV BLOCK	304	Lecture Hall	80
164	RV BLOCK	305	Lecture Hall	80
165	RV BLOCK	306	Lecture Hall	80

<b>S.No.</b>	<b>Block</b>	<b>Room No.</b>	<b>Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.</b>	<b>Area (sq. m.)</b>
166	RV BLOCK	307	Lecture Hall	80
167	RV BLOCK	402	Lecture Hall	80
168	RV BLOCK	403	Lecture Hall	80
169	RV BLOCK	404	Lecture Hall	80
170	RV BLOCK	405	Lecture Hall	80
171	RV BLOCK	406	Lecture Hall	80
172	RV BLOCK	407	Lecture Hall	80
173	RV BLOCK	408	Girls Toilet	19.42
174	RV BLOCK	108	Girls Toilet	37.64
175	RV BLOCK	109	HoD Room	30.41
176	RV BLOCK	110	Faculty Room	29.57
177	RV BLOCK	111	Boys Toilet	37.64
178	RV BLOCK	112	Tutorial Hall	40.00
179	RV BLOCK	113	Tutorial Hall	40.00
180	RV BLOCK	114	Laboratory	239.77
181	RV BLOCK	114A	HoD Room	22.00
182	RV BLOCK	115	Tutorial Hall	40.00
183	RV BLOCK	116	Drawing Hall	160.23
184	RV BLOCK	201	Mini Conference Hall	77.78
185	RV BLOCK	202	Seminar Hall	132.00
186	RV BLOCK	203	Laboratory	107.21
187	RV BLOCK	203A	Server Room	38.48
188	RV BLOCK	204	Computer Lab	117.93
189	RV BLOCK	205	Management Office	78.62
190	RV BLOCK	206	Girls Toilet	37.64
191	RV BLOCK	207	Faculty Room	29.54
192	RV BLOCK	208	Tutorial Hall	29.57
193	RV BLOCK	209	Boys Toilet	37.64
194	RV BLOCK	210A	Stores	30.15
195	RV BLOCK	210A	Office & Meeting Room	222.46
196	RV BLOCK	212	Dean	26.73
197	RV BLOCK	213	Dining Hall	20.3
198	RV BLOCK	213A	Pantry	12.32
199	RV BLOCK	213B	Toilet	2.41
200	RV BLOCK	214	Principal Office	35.79
201	RV BLOCK	214A	Safety Room	13.29
202	RV BLOCK	215	Secretary Chamber	77.78
203	RV BLOCK	215A	Toilet	6.13

S.No.	Block	Room No.	Type of Room (Lecture Hall / Tutorial Hall / Seminar Hall / Laboratory/HoD Room / Faculty Room / UPS Room / Server Room etc.	Area (sq. m.)
204	M.B.A BLOCK	201	Conference Hall	99
205	M.B.A BLOCK	301	Lecture Hall	66
206	M.B.A BLOCK	302	Lecture Hall	66
207	M.B.A BLOCK	303	Syndicate Room	33
208	M.B.A BLOCK	305	Seminar Hall	165
209	M.B.A BLOCK	304	HoD Room	33
210	M.B.A BLOCK	304A	Faculty Room	99
211	M.B.A BLOCK	306	Girls Toilet	33
212	M.B.A BLOCK	101	Library	429
213	M.B.A BLOCK	201A	Server Room	33
214	M.B.A BLOCK	202	Digital Library	66
215	M.B.A BLOCK	203	Library - Reference Area	264
216	M.B.A BLOCK	102	P.Ed.	33
217	M.B.A BLOCK	103	Boys Toilet	33
218	M.B.A BLOCK	204	Boys Toilet	33
219			Stationery & Reprography	42.84
220			Canteen	562.66
221			Kitchen	96.77
222			Generator Room	272.02
223			Parking	1518.6
224			Security Room	24.15

**TEACHING-LEARNING FACILITIES (Consolidated )**

Description	Total No. of Halls	Total Area (sq. m.)
Lecture Hall	53	4354.3
Tutorial Hall	10	381.24
Seminar Hall	8	1001.43
Conference Hall	2	176.78
Faculty Room	20	916.57
HoD Room	11	285.35
Server Room	3	105.64
UPS Room	4	109.74
Laboratory	52	5768.57
Admin. Area		591.89
Library Area		815.05
Facilitational Area		5145.9





## LECTURE HALLS



**LECTURE HALLS**





**LECTURE HALLS**



**LECTURE HALL (ICT ENABLED)**



**LECTURE HALL (ICT ENABLED)**



**TUTORIAL HALL**





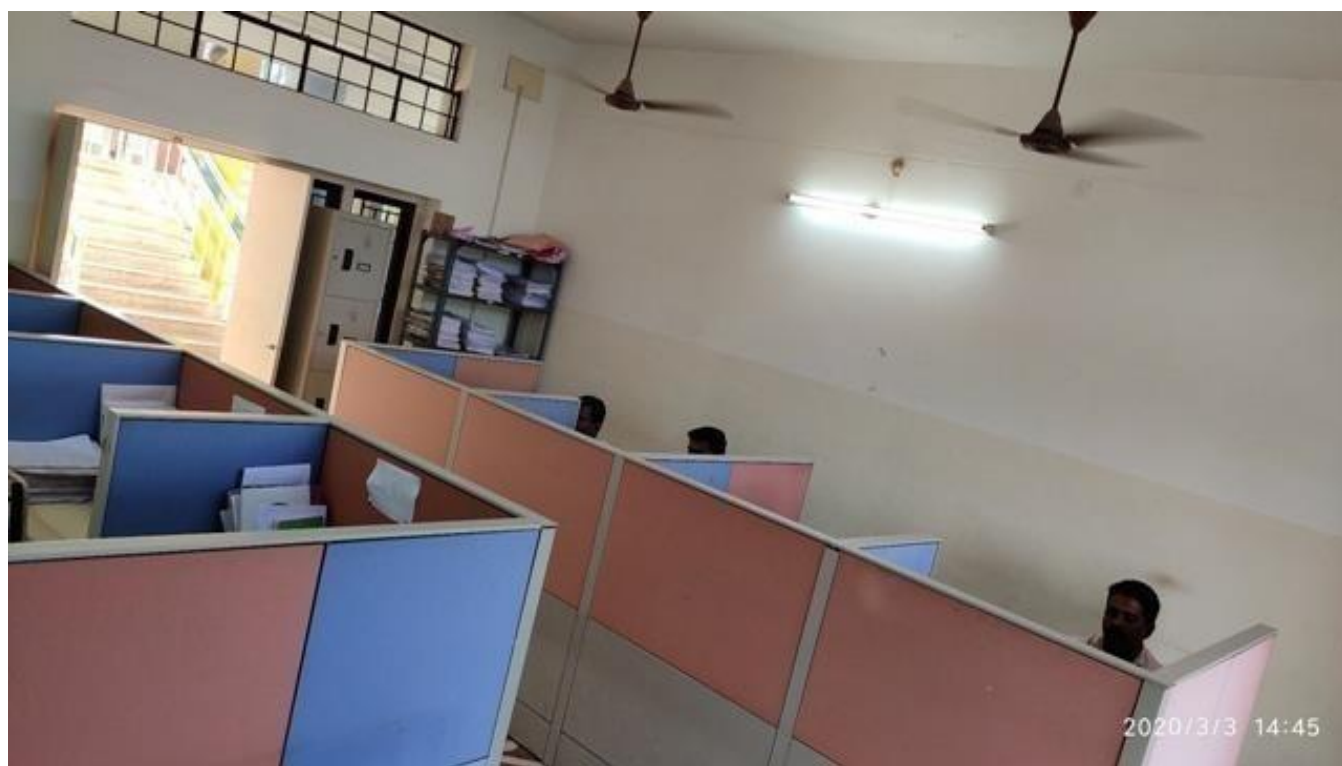
**EEE SEMINAR HALL**



**ICE SEMINAR HALL**



**CSE SEMINAR HALL**



**CHEMISTRY FACULTY ROOM**





**MECHANICAL FACULTY ROOM**



**ICE FACULTY ROOM**



**CSE HoD ROOM**



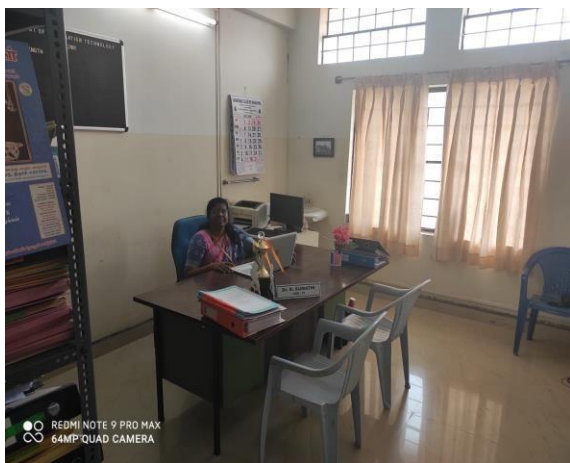
**ECE HoD ROOM**



**EEE HoD ROOM**



**ICE HoD ROOM**



**IT HoD ROOM**



**MBA HoD ROOM**





**COMPUTER LABORATORY**



**VI - LABORATORY**



**ACS LABORATORY**

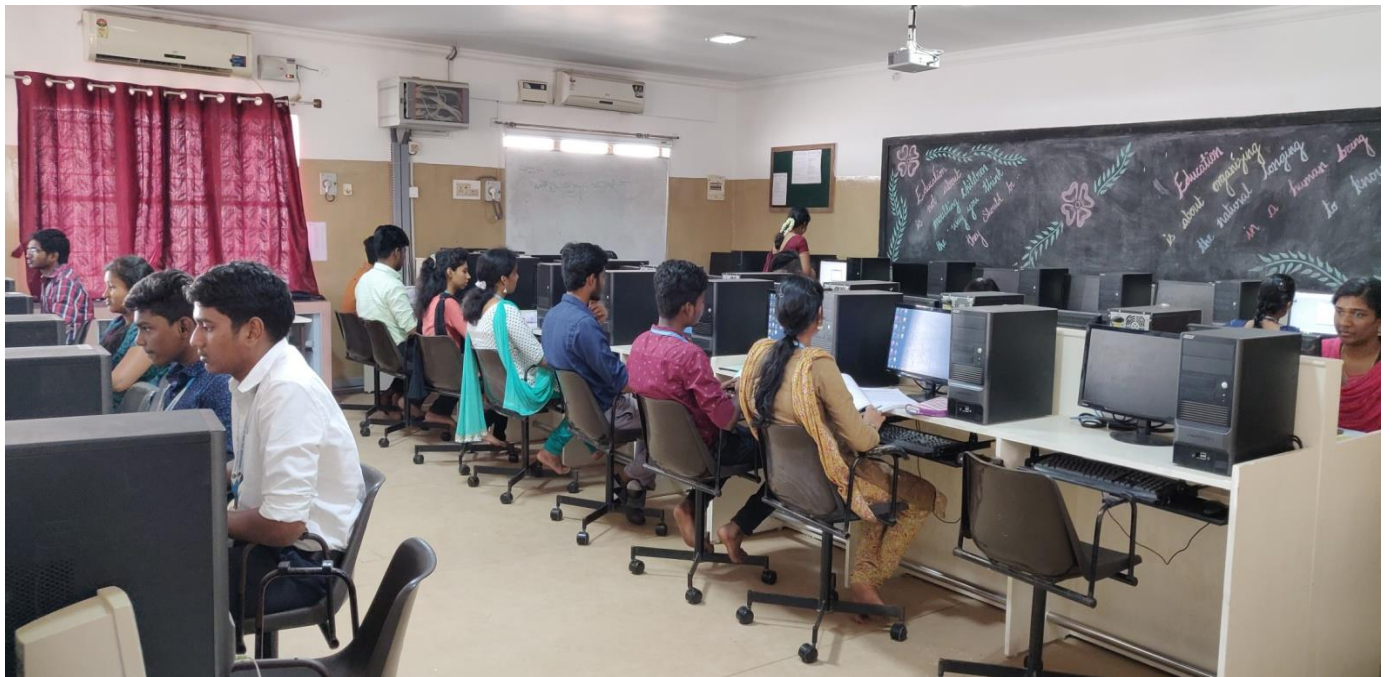


**VLSI LABORATORY**





**NI RESEARCH LABORATORY**



**ELECTRICAL COMPUTING LABORATORY**



**MANUFACTURING TECHNOLOGY LABORATORY**



**POWER ELECTRONICS AND CIRCUITS LABORATORY**





**ELECTRICAL MACHINES LABORATORY**



**ELECTRICAL DRIVES LABORATORY**



**CSID LABORATORY**



**TRANSDUCER AND MEASUREMENT LABORATORY**





**PC LABORATORY**



**ECE PG LABORATORY**



**LANGUAGE AND COMMUNICATION LABORATORY**