

INSTITUTE OF TECHNOLOGY MARINE ENGINEERING

DETAILS OF LABORATORIES & WORKSHOP

SL. NO.	NAME OF COURSE	NAME OF LAB/ WORKSHOP	TOTAL AREA (m ²)
1	COMMON TO ALL BRANCH	PHYSICS	93
2		CHEMISTRY	110
3		BASIC ELECTRICAL ENGG. LAB	93
4		ELECTRONICS ENGG. LAB	95
5		LANGUAGE LAB	87
1	MARINE	WORKSHOP	913
2		APPLIED MECHANICS LAB	87
3		DRAWING	249
4		SEAMANSHIP LAB	92
5		MATERIAL TESTING LAB	100
6		ELECTRICAL M/C LAB	92
7		BOILER CHEMICAL LAB & FUEL OIL & LUBRICANT OIL TESTING LAB	110
8		MECHANICAL LAB	110
9		FIRE CONTROL LAB	204
10		ELECTRICAL MEASUREMENT LAB	110
11		POWER PLANT OPERATION	100
12		CONTROL AND SIMULATOR LAB	92
13		SHIP-IN-CAMPUS :	
		i) Ship Engine	975
		ii) Laboratories	144
		iii) Drawing Hall	69
		iv) Workshop	126
1	ELECTRONICS AND COMMUNICATION ENGINEERING	CIRCUIT THEORY & NETWORK LAB	47
2		DATA STRUCTURE & ALGORITHM LAB	56
3		NUMERICAL METHOD & PROGRAMMING LAB	69
4		ELECTRICAL & ELECTRONIC MEASUREMENTS LAB	93
5		ANALOG ELECTRONICS LAB	93
6		DIGITAL ELECTRONICS & INTEGRATED CIRCUITS	95
7		ANALOG COMMUNICATION	57
8		ELECTRONIC MEASUREMENTS AND INSTRUMENTATION LAB	93
		COMP. COMM. & ARCHITECTURE LAB.	
9		F.M. THEORY, PROPAGATION & ANTENNA LAB.	56
10		AUDIO & VIDEO ENGINEERING LAB	93
11		LINEAR & DIGITAL CONTROL SYSTEM.	95
12		MICROPROCESSOR & MICRO CONTROLLER	95
13		RF & MICROWAVE ENGINEERING	56
14		DIGITAL COMMUNICATION SYSTEMS	57
15		ELECTRONICS DESIGN LAB.	95
16		DIGITAL SIGNAL PROCESSING	95
17		VLSI	95
18		WIRELESS COMMUNICATION	57
19		PROJECT-1	95
20	PROJECT-2	95	
1	COMPUTER SCIENCE AND ENGINEERING	CIRCUIT THEORY & NETWORK LAB	100
2		DATA STRUCTURE & ALGORITHM LAB	56
3		DIGITAL ELECTRONICS & LOGIC DESIGN	95
4		PRINCIPAL OF PROGRAMMING LANGUAGE	56
5		OPERATION RESEARCH & OPTIMIZATION TECHNIQUE	47
6		PRINCIPAL OF COMMUNICATION ENGG.	57

7		ADVANCE COMPUTER ARCHITECTURE	76
8		MICROPROCESSOR & MICRO CONTROLLER	95
9		OPERATING SYSTEM	47
10		DATABASE MANAGEMENT SYSTEM	69
11		CONTROL SYSTEM	100
12		COMPUTER NETWORK	47
13		COMPUTER GRAPHICS & MULTIMEDIA	76
14		SYSTEM SOFTWARE & ADMINISTRATION	76
15		OBJECT TECHNOLOGY AND UML	47
16		ARTIFICIAL INTELLIGENCE	76
17		VISUAL PROGRAMMING & WEB TECHNOLOGY	47
18		PROJECT	47
1	INFORMATION TECHNOLOGY	CIRCUIT THEORY & NETWORK LAB	100
2		DATA STRUCTURE & ALGORITHM LAB	69
3		NUMERICAL METHOD & PROGRAMMING LAB	69
4		DIGITAL ELECTRONICS & LOGIC DESIGN	95
5		COMPUTER ORGANISATION & ARCHITECTURE	95
6		PRINCIPAL OF COMMUNICATION ENGG.	57
7		ANALYSIS & DESIGN OF INFORMATION SYSTEM	69
8		CONTROL SYSTEM	100
9		MICROPROCESSOR & MICRO CONTROLLER	95
10		OPERATING SYSTEM	47
11		OPERATION RESEARCH & OPTIMIZATION TECHNIQUE	47
12		OBJECT TECHNOLOGY & UML	47
13		DATA COMMUNICATION & NETWORK	47
14		DATABASE MANAGEMENT SYSTEM	69
15		MULTIMEDIA TECHNOLOGY & APPLICATION	76
16		INTERNETWORKING	47
17		WEB TECHNOLOGY	76
18		E-COMMERCE	47
1	BIO TECHNOLOGY	BIO CHEMISTRY	92
2		MICROBIOLOGY	92
3		MOLECULAR BIOLOGY	92
4		UNIT OPERATION OF CHEMICAL ENGG-1	92
5		DATA STRUCTURE & ALGORITHM	56
6		LANGUAGE LAB	87
7		BIO-INFORMATICS	76
8		UNIT OPERATION OF CHEMICAL ENGG-2	92
9		DATA BASE MANAGEMENT SYSTEM & COMPUTER NETWORK	56
10		PLANT BIO-TECHNOLOGY	92
11		,DNA TECHNOLOGY	93
12		PROCESS INSTRUMENTS & CONTROL	56
13		PROJECT WORK	92
14		PROJECT WORK	92