

**BOOKS ADDED UNDER TEQIP - II - DEPARTMENT WISE****CIVIL ENGINEERING**

Sl No.	TITLE	AUTHOR	EDITION	PUBLISHER	QTY
1	AN INTRODUCTION TO SEISMOLOGY, EARTHQUAKES, AND EARTH STRUCTURE	SETH STEIN AND MICHAEL WYSESSION		WILEY	1
2	APPLIED STRUCTURAL AND MECHANICAL VIBRATIONS : THEORY AND METHODS	PAOLO L GATTI	2ND	CRC PRESS	1
3	BRIDGE DECK ANALYSIS	EUGENE J OBRIEN	2ND	CRC PRESS	1
4	CIVIL ENGINEERING HYDRAULICS AND ENGINEERING HYDROLOGY	DEMITRIY DEMODOV		AURIS REFERENCE	1
5	COLD-FORMED STEEL DESIGN	WEI-WEN YU AND ROGER A LABOUBE	4TH	WILEY	1
6	CONCRETE BUILDINGS IN SEISMIC REGIONS	GEORGE G PENELIS AND GREGORY G PENELIS		CRC PRESS	1
7	CONCRETE FRACTURE : A MULTISCALE APPROACH	JAN G M VAN MIER		CRC PRESS	1
8	CONSTRUCTION FAILURE	FELD CARPER	2ND	WILEY-INTERSCIENCE	1
9	CONSTRUCTION PROJECT PLANNING : SCHEDULING AND CONTROLLING	DAVID BARNES		AURIS REFERENCE	1
10	CRITICAL EXCITATION METHODS IN EARTHQUAKE ENGINEERING	IZURU TAKEWAKI	2ND	ELSEVIER	1
11	DESIGN OF CONCRETE STRUCTURES	ARTHUR H NILSON AND OTHERS	13TH	TMH	1
12	FLUID MECHANICS OF ENVIRONMENTAL INTERFACES	CARLO GUALTIERI	2nd	CRC PRESS	1
13	FUNDAMENTALS OF EARTHQUAKE PREDICTION	CINNA LONMITZ		WILEY	1
14	HANDBOOK OF COMPUTATIONAL HYDRAULICS	AVINASH TRIPATHI		AURIS REFERENCE	1
15	HANDBOOK OF MODERN FRAMED STRUCTURES : STRESSES IN SIMPLE STRUCTURES	W S JOHNSON		AURIS REFERENCE	1
16	HIGHWAY ENGINEERING : PAVEMENTS, MATERIALS AND CONTROL OF QUALITY	ATHANASSIOS NIKOLAIDES		CRC PRESS	1
17	HYDROLOGY ; A SCIENCE FOR ENGINEERS	BENOIT HINGRAY AND OTHERS		CRC PRESS	1
18	HYDROLOGY AND WATER REOURCES OF INDIA	SHARAD K JAIN AND OTHERS		SPRINGER	1
19	INTRODUCTION STRUCTURAL ANALYSIS AND DESIGN	S K RAJAN		WILEY	1
20	PRINCIPLES OF REINFORCED CONCRETE DESIGN	METE A SOZEN AND OTHERS		CRC PRESS	1

21	PRINCIPLES OF STRUCTURAL DESIGN : WOOD, STEEL, AND CONCRETE	RAM S GUPTA	2ND	CRC PRESS	1
22	PRINCIPLES OF STRUCTURE	KEN WYATT AND RICHARD HOUGH	5TH	CRC PRESS	1
23	PROJECT SCHEDULING AND MANAGEMENT FOR CONSTRUCTION	DAVID R PIERCE	4TH	WILEY	1
24	RARE EARTH MATERIALS : PROPERTIES AND APPLICATIONS	A R JHA		CRC PRESS	1
25	REMOTE SENSING FOR GEOSCIENTISTS IMAGE ANALYSIS AND INTEGRATION	GARY L PROST	3RD	CRC PRESS	1
26	SLOPE STABILITY ANALYSIS AND STABILIZATION	Y M CHENG AND C K LAU	2ND	CRC PRESS	1
27	STRUCTURAL ANALYSIS : USING CLASSICAL AND MATRIX METHODS	JACK C MCCORMAC	4TH	WILEY	1
28	THE FOUNDATION ENGINEERING HANDBOOK	MANJRIKER GUNARATNE	2ND	CRC PRESS	1
29	THE TALL BUILDING REFERENCE BOOK	DAVE PARKER AND ANTONY WOOD		ROUTLEDGE	1
30	THEORIES APPLICATIONS PLATE ANALYSIS : CLASSICAL, NUMERAL,	RUDOLPH SZILARD		WILEY	1
31	THEORY OF STRUCTURES : FUNDAMENTALS FRAMED STRUCTURES PLATES AND SHELLS	PETER MARTI		WILEY	1
			TOTAL NO. OF BOOKS		31

### COMPUTER SCIENCE AND ENGINEERING

Sl No.	TITLE	AUTHOR	EDITION	PUBLISHER	QTY
1	ALGORITHMS AND THEORY OF COMPUTATION HANDBOOK VOL-I & II	MIKHAIL J ATALLAH AND MARINA BLANTON	2ND	CRC PRESS	2
2	HANDBOOK OF NATURAL LANGUAGE PROCESSING	NITIN INDURKHYA AND FRED J DAMERAU	2ND	CRC PRESS	1
3	MACHINE LEARNING ; HANDS ON FOR DEVELOPERS AND TECHNICAL PROFESSIONALS	JASON BELL		WILEY	1
			TOTAL NO. OF BOOKS		4

### INDUSTRIAL PRODUCTION ENGINEERING

Sl No.	TITLE	AUTHOR	EDITION	PUBLISHER	QTY
1	COMPUTER AIDED DESIGN ; A CONCEPTUAL APPROACH	JAYANTA SARKAR		CRC PRESS	1
2	FUNDAMENTALS OF MANUFACTURING ENGINEERING	D K SINGH	3RD	CRC PRESS	1
3	ORGANIZATIONAL BEHAVIOR	STEPHEN P ROBBINS	15TH	PEARSON	1
			TOTAL NO. OF BOOKS		3

## MECHANICAL ENGINEERING

Sl No.	TITLE	AUTHOR	EDITION	PUBLISHER	QTY
1	ADVANCED IN INTERNAL COMBUSTION ENGINES AND FUEL TECHNOLOGIES	HOON KIAT NG		INTECH	1
2	<b>ASM HANDBOOK SET (33 VOLUMES)</b> <b>VOLUME 1: PROPERTIES AND SELECTION: IRONS, STEELS, AND HIGH-PERFORMANCE ALLOYS</b> VOLUME 2: PROPERTIES AND SELECTION: NONFERROUS ALLOYS AND SPECIAL-PURPOSE MATERIALS VOLUME 3: ALLOY PHASE DIAGRAMS VOLUME 4: HEAT TREATING VOLUME 4A: STEEL HEAT TREATING FUNDAMENTALS AND PROCESSES VOLUME 4B: HEAT TREATING TECHNOLOGIES (SHIPPING OCTOBER 2014) VOLUME 4C: INDUCTION HEATING AND HEAT TREATING VOLUME 4D: HEAT TREATING IRONS & STEELS (SHIPPING OCTOBER 2014) VOLUME 5: SURFACE ENGINEERING VOLUME 5A: THERMAL SPRAY TECHNOLOGY VOLUME 6: WELDING, BRAZING AND SOLDERING VOLUME 6A: WELDING FUNDAMENTALS AND PROCESSES VOLUME 7: POWDER METAL TECHNOLOGIES AND APPLICATIONS VOLUME 8: MECHANICAL TESTING AND EVALUATION VOLUME 9: METALLOGRAPHY AND MICROSTRUCTURES VOLUME 10: MATERIALS CHARACTERIZATION VOLUME 11: FAILURE ANALYSIS AND PREVENTION VOLUME 12: FRACTOGRAPHY VOLUME 13A: CORROSION: FUNDAMENTALS, TESTING, AND PROTECTION VOLUME 13B: CORROSION: MATERIALS VOLUME 13C: CORROSION: ENVIRONMENTS AND INDUSTRIES VOLUME 14A: METALWORKING: BULK FORMING VOLUME 14B: METALWORKING: SHEET FORMING VOLUME 15: CASTING VOLUME 16: MACHINING	ASM		ASM	33

	VOLUME 17: NONDESTRUCTIVE EVALUATION AND QUALITY CONTROL VOLUME 18: FRICTION, LUBRICATION, AND WEAR TECHNOLOGY VOLUME 19: FATIGUE AND FRACTURE VOLUME 20: MATERIALS SELECTION AND DESIGN VOLUME 21: COMPOSITES VOLUME 22A: FUNDAMENTALS OF MODELING FOR METALS PROCESSING VOLUME 22B: METALS PROCESS SIMULATION VOLUME 23: MATERIALS FOR MEDICAL DEVICES COMPREHENSIVE INDEX TO ASM HANDBOOKS, THIRD EDITION				
3	AUTOMOTIVE HANDBOOK	ING.KONRAD REIF AND OTHERS	9th	WILEY	1
4	BOSCH AUTOMOTIVE ELECTRICS AND AUTOMOTIVE ELECTRONICS ; SYSTEMS AND COMPONENTS, NETWORKING AND HYBRID DRIVE	ROBERT BOSCH GMBH	5th	SPRINGER	1
5	DRIVES AND CONTROL FOR INDUSTRIAL AUTOMATION	TAN KOK KIONG AND ANDI SUDJANA PUTRA		SPRINGER	1
6	ENGINEERING MATERIALS ; RESEARCH, APPLICATIONS AND ADVANCES	K M GUPTA		CRC PRESS	1
7	FUNDAMENTALS OF PREMIXED TURBULENT COMBUSTION	ANDREI LIPATNIKOV		CRC PRESS	1
8	GAS TURBINE TECHNOLOGY	EUGENE BRADLEY		NY RESEARCH PRESS	1
9	INTRODUCTION TO COMPRESSIBLE FLUID FLOW	PATRICK H OOSTHUIZED AND WILLIAM E CARSCALLEN	2nd	CRC PRESS	1
10	MANUFACTURING AND DESIGN : UNDERSTANDING THE PRINCIPLES OF HOW THINGS ARE MADE	ERIK TEMPELMAN AND OTHERS		ELSEVIER	1
11	MATERIALS AND PROCESS SELECTION FOR ENGINEERING DESIGN	MAHMOUD M FARAG	3rd	CRC PRESS	1
12	MATERIALS FOR AUTOMOBILE BODIES	GEOFF DAVIES		ELSEVIER	1
13	MATERIALS FOR ENIGNEERS AND TECHNICIANS	W BOLTON AND R A HIGGINS	6th	ROUTLEDGE	1
14	MECHANISM DESIGN ; VISUAL AND PROGRAMMABLE APPROACHES	KEVIN RESSELL AND OTHERS		CRC PRESS	1
15	PRACTICAL ROBOT DESIGN GAME PLAYING ROBOTS	JAGANNATHAN KANNIAH AND OTHERS		CRC PRESS	1
16	ROBOTICS AND AUTOMATION HANDBOOK	THOMAS R KURFESS		CRC PRESS	1
			<b>TOTAL NO. OF BOOKS</b>		<b>48</b>

## ELECTRICAL AND ELECTRONICS ENGINEERING

Sl No.	TITLE	AUTHOR	EDITION	PUBLISHER	QTY
1	ADVANCED ELECTRICAL DRIVES : ANALYSIS, MODELING, CONTROL	RIK DE DONCKER AND OTHERS		SPRINGER	1
2	ADVANCED POWER ELECTRONICS CONVERTERS : PWM CONVERTERS PROCESSING AC VOLTAGES	EUZELI CIPRIANO DOS SANTOS & EDISON ROBERTO CABRAL DA SILVA		WILEY	1
3	CHAOS IN SWITCHING CONVERTERS FOR POWER MANAGEMENT : DESIGNING FOR PREDICTION AND CONTROL	ENRIC RODRIGUEZ VILAMITJANA & OTHERS		SPRINGER	1
4	ELECTRIC POWER DISTRIBUTION HANDBOOK	T A SHORT		CRC PRESS	1
5	ELECTRICAL ENGINEERING KNOW IT ALL	CLIVE MAXFIELD		NEWNES	1
6	ENERGY STORAGE	ROBERT A HUGGINS		SPRINGER	1
7	NEW TRENDS IN POWER SYSTEM OPERATION AND CONTROL	JONATHAN ROGATE		AURIS REFERENCE LTD,	1
8	POWER QUALITY : HARMONICS ANALYSIS AND REAL MEASUREMENTS DATA	GREGORIO ROMERO REY		INTECH	1
9	POWER SUPPLY DEVICES AND SYSTEMS OF RELAY PROTECTION	VLADIMIR GUREVICH		CRC PRESS	1
10	POWER SYSTEM ECONOMICS ; DESIGNING MARKETS FOR ELECTRICITY	STEVEN STOFT		WILEY	1
11	POWER SYSTEM ENGINEERING ; PLANNING, DESIGN, AND OPERATION OF POWER SYSTEMS AND EQUIPMENT	JURGEN SCHLABBACH AND KARL-HEINZ ROFALSKI	2nd	WILEY	1
12	SIGNALS AND SYSTEMS ; A MATLAB INTEGRATED APPROACH	OKTAY ALKIN		CRC PRESS	1
13	SMART GRID ; COMMUNICATION ENABLED INTELLIGENCE FOR THE ELECTRIC POWER GRID	STEPHEN F BUSH		WILEY	1
14	SMART GRID INTEGRATING RENEWABLE, DISTRIBUTED, AND EFFICIENT ENERGY	REREIDOOON P. SIOSHANSI		ACADEMIC PRESS	1
15	SMART GRIDS	NOUREDINE HADJSAID AND JEAN-CLAUDE SABONNADIERE		WILEY	1
16	SMART GRIDS ; CLOUDS, COMMUNICATIONS, OPEN SOURCE, AND AUTOMATION	DAVID BAKKEN		CRC PRESS	1
17	SPECIAL PROTECTION SCHEMES IN ELECTRIC POWER SYSTEMS	JONATHAN ROGATE		AURIS	1
18	SWITCHING IN ELECTRICAL TRANSMISSION AND DISTRIBUTION SYSTEMS	RENE SMEETS AND OTHERS		WILEY	1
			TOTAL NO. OF BOOKS		18