

Maulana Azad National Institute of Technology, Bhopal – 462003

List of e- Books Purchased by Central Library

(Financial Year 2024 – 2025)

S. N.	ISBN	Book Title	Edition	Author	Department	URL
1	9781786342928	ORGANIC-INORGANIC COMPOSITE MEMBRANES FOR MOLECULAR SEPARATION	27-Sep-17	JIN WANQIN, LIU GONGPING & XU NANPING	Chemical	https://www.worldscientific.com/worldscibooks/10.1142/q0084#t=oc
2	9789813207714	MEMBRANES FOR GAS SEPARATIONS	11-Aug-17	CARREON MOISES A	Chemical	https://www.worldscientific.com/worldscibooks/10.1142/10385#t=oc
3	9781860945465	BATCH DISTILLATION: DESIGN AND OPERATION	29-Mar-04	MUJTABA IQBAL M	Chemical	https://www.worldscientific.com/worldscibooks/10.1142/p319#t=oc
4	9789811254185	MACHINE LEARNING WITH PYTHON: THEORY AND APPLICATIONS	05-Dec-22	LIU GUI-RONG	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/12774#t=oc
5	9789811232732	WHEN MACHINES CAN BE JUDGE, JURY, AND EXECUTIONER: JUSTICE IN THE AGE OF ARTIFICIAL INTELLIGENCE	08-Apr-21	FORREST KATHERINE B	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/12172#t=oc
6	9789812797889	NEURAL NETWORKS IN VISION AND PATTERN RECOGNITION	15-Jul-92	SKRZYPEK J & KARPLUS W	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/1695#t=oc
7	9789812812056	PHYSICS AND MODELING OF MOSFETS, THE: SURFACE-POTENTIAL MODEL HISIM	03-Jun-08	MIURA-MATTAUSCH MITIKO ET AL	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/6159#t=oc
8	9789812707581	MOSFET MODELING FOR VLSI SIMULATION: THEORY AND PRACTICE	14-Feb-07	ARORA NARAIN	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/6157#t=oc
9	9789813208605	MICROSTRIP PATCH ANTENNAS (SECOND EDITION)	10-Jul-17	LEE KAI-FONG ET AL	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/10408#t=oc
10	9789812779052	PHYSICS AND MODELING OF TERA- AND NANO-DEVICES	28-Apr-08	RYZHII MAXIM & RYZHII VICTOR	Electronics	https://www.worldscientific.com/worldscibooks/10.1142/6668#t=oc
11	9789813148178	BASIC THEORY OF FRACTIONAL DIFFERENTIAL EQUATIONS (SECOND EDITION)	20-Oct-16	ZHOU YONG	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/10238#t=oc
12	9789814725002	ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS FOR THE BEGINNER	24-May-16	SZEKELYHIDI LASZLO	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/9813#t=oc
13	9789814368919	INTRODUCTION TO DIFFERENTIAL EQUATIONS, AN: DETERMINISTIC MODELING, METHODS AND ANALYSIS (VOLUME 1)	31-May-12	LADDE ANIL G ET AL	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/8288#t=oc
14	9789812779816	APPROACHES TO THE QUALITATIVE THEORY OF ORDINARY DIFFERENTIAL EQUATIONS: DYNAMICAL SYSTEMS AND NONLINEAR OSCILLATIONS	13-Aug-07	DING TONGREN	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/6348#t=oc
15	9789811258497	VARIATIONAL CONVERGENCE AND STOCHASTIC HOMOGENIZATION OF NONLINEAR REACTION-DIFFUSION PROBLEMS	21-Jun-22	ANZA HAFSA OMAR ET AL	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/12896#t=oc
16	9789813108615	SOLUTIONS OF NONLINEAR DIFFERENTIAL EQUATIONS: EXISTENCE RESULTS VIA THE VARIATIONAL APPROACH	15-Apr-16	LI LIN & SONG SHU-ZHI	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/9955#t=oc
17	9789814440936	COMPLEX ANALYTIC METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS: AN INTRODUCTORY TEXT	15-Nov-94	BEGEHR H	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/2162#t=oc
18	9789814343749	FUNCTIONAL ESTIMATION FOR DENSITY, REGRESSION MODELS AND PROCESSES	21-Mar-11	PONS ODILE	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/8124#t=oc
19	9781848160330	EVERYDAY PROBABILITY AND STATISTICS: HEALTH, ELECTIONS, GAMBLING AND WAR	16-Apr-08	WOOLFSON MICHAEL M	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/p543#t=oc
20	9789812708298	ADVANCES IN STATISTICAL MODELING AND INFERENCE: ESSAYS IN HONOR OF KJELL A DOKSUM	15-Mar-07	NAIR VIJAY	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/6298#t=oc
21	9789812779205	DISTRIBUTION THEORY OF RUNS AND PATTERNS AND ITS APPLICATIONS: A FINITE MARKOV CHAIN IMBEDDING APPROACH	14-Jul-03	FU JAMES C & LOU W Y WENDY	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/4669#t=oc
22	9789812386632	STATISTICS: PROBLEMS AND SOLUTION (SECOND EDITION)	27-Jun-00	BREMNER J M ET AL	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/4410#t=oc
23	9789812779250	STOCHASTIC PROCESSES IN EPIDEMIOLOGY: HIV/AIDS, OTHER INFECTIOUS DISEASES AND COMPUTERS	09-Jun-00	MODE CHARLES J & SLEEMAN CANDACE K	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/4243#t=oc
24	9789812385451	REGRESSION AND TIME SERIES MODEL SELECTION	30-May-98	TSAI CHIH-LING ET AL	Mathematics	https://www.worldscientific.com/worldscibooks/10.1142/3573#t=oc
25	9781848160347	BIOSCIENCES 2000: CURRENT ASPECTS AND PROSPECTS INTO THE NEXT MILLENIUM	16-Aug-99	PASTERNAK CH A	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/p169#t=oc
26	9789813144583	BIOENGINEERING IN WOUND HEALING: A SYSTEMS APPROACH	24-Mar-17	YARMUSH MARTIN L ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/10154#t=oc

27	9789811258992	PRACTICAL BIOINFORMATICS FOR BEGINNERS: FROM RAW SEQUENCE ANALYSIS TO MACHINE LEARNING APPLICATIONS	17-Jan-23	LOW LLOYD ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/12908#t=oc
28	9789811240126	BIOLOGICAL PATTERN DISCOVERY WITH R: MACHINE LEARNING APPROACHES	17-Sep-21	YANG ZHENG RONG	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/12366#t=oc
29	9789812778789	COMPUTATIONAL STRUCTURAL BIOLOGY: METHODS AND APPLICATIONS	02-May-08	SCHWEDE TORSTEN ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/6659#t=oc
30	9789811254796	THERAPEUTIC PROTEIN TARGETS FOR DRUG DISCOVERY AND CLINICAL EVALUATION: BIO-CRYSTALLOGRAPHY AND DRUG DESIGN	04-Oct-22	VELMURUGAN D ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/12791#t=oc
31	9789812775528	LIFE SCIENCES FOR THE NON-SCIENTIST	19-Jun-03	ZAMAN VIQAR	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/5241#t=oc
32	9781786340788	HANDBOOK OF FORENSIC GENETICS: BIODIVERSITY AND HEREDITY IN CIVIL AND CRIMINAL INVESTIGATION	30-Aug-16	AMORIM ANTONIO ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/q0023#t=oc
33	9789814338844	BIOMECHANICS OF THE HAND: A BASIC RESEARCH STUDY	01-Apr-89	CHAO E Y S, AN K-N, COONEY III W P & LINSCHELD R L	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/0321#t=oc
34	9781848161832	ADVANCES IN TISSUE ENGINEERING	20-Aug-08	POLAK JULIA M ET AL	Biological Science	https://www.worldscientific.com/worldscibooks/10.1142/p552#t=oc
35	9781800614451	HANDBOOK OF ENVIRONMENTAL AND GREEN FINANCE: TOWARD A SUSTAINABLE FUTURE	14-Mar-24	BOUBAKER SABRI ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/q0426#t=oc
36	9781800614482	GREEN FINANCE AND SUSTAINABLE DEVELOPMENT GOALS	14-Mar-24	BOUBAKER SABRI ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/q0427#t=oc
37	9781800611023	CARBON FINANCE: A RISK MANAGEMENT VIEW	24-Nov-21	HELLMICH MARTIN ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/q0325#t=oc
38	9781800611757	MODELING AND ADVANCED TECHNIQUES IN MODERN ECONOMICS	03-Aug-22	ALADAG CAGDAS HAKAN ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/q0346#t=oc
39	9781800611481	STOCK MARKETS AND CORPORATE FINANCE: A PRIMER	26-Jul-22	DEMPSEY MICHAEL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/q0339#t=oc
40	9789811217937	ECONOMICS PRIMER	29-May-20	LOW LINDA	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/11764#t=oc
41	9789813235816	EXPERIMENTS IN ECONOMICS: DECISION MAKING AND MARKETS	16-Jul-18	HEY JOHN D	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/10872#t=oc
42	9789811239472	GLOBALIZATION, FIRMS, AND WORKERS	10-Jan-22	HARRISON ANN E ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/12346#t=oc
43	9789811200564	ENCYCLOPEDIA OF INTERNATIONAL ECONOMICS AND GLOBAL TRADE (IN 3 VOLUMES)	23-Mar-20	RIVERA-BATIZ FRANCISCO	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/11286#t=oc
44	9789811213328	TRADE AMONG NATIONS: DIMENSIONS; PROPORTIONS; DIRECTIONS	14-Jan-20	MICHAELY MICHAEL ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/11639#t=oc
45	9789811260612	NOBEL LECTURES IN ECONOMIC SCIENCES (2016-2020)	08-Apr-24	PERSSON MATS	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/12972#t=oc
46	9789813236653	HANDBOOK OF GLOBAL FINANCIAL MARKETS: TRANSFORMATIONS, DEPENDENCE, AND RISK SPILLOVERS	27-Jun-19	BOUBAKER SABRI ET AL	Humanities	https://www.worldscientific.com/worldscibooks/10.1142/10893#t=oc
47	9781800615007	SIX ENERGY POLICIES TO SAVE THE PLANET	10-May-24	HIRST NEIL A C	Energy	https://www.worldscientific.com/worldscibooks/10.1142/q0443#t=oc
48	9789811275661	TOWARDS NET-ZERO CARBON INITIATIVES: A LIFE CYCLE ASSESSMENT PERSPECTIVE	06-Feb-24	KHOO HSIEN HUI & TAN REGINALD B H	Energy	https://www.worldscientific.com/worldscibooks/10.1142/13393#t=oc
49	9789811275647	ENERGY IN THE 21ST CENTURY: ENERGY IN TRANSITION (5TH EDITION)	13-Jul-23	FANCHI JOHN R	Energy	https://www.worldscientific.com/worldscibooks/10.1142/13392#t=oc
50	9789811248603	HANDBOOK OF SOLAR THERMAL TECHNOLOGIES: CONCENTRATING SOLAR POWER AND FUELS (IN 3 VOLUMES)	11-Aug-22	DAVIDSON JANE H	Energy	https://www.worldscientific.com/worldscibooks/10.1142/12592
51	9781786349033	HANDBOOK OF RENEWABLE ENERGY TECHNOLOGY & SYSTEMS	13-Aug-21	ZOBAA AHMED F ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/q0264#t=oc
52	9789813236974	COOLING ENERGY SOLUTIONS FOR BUILDINGS AND CITIES	12-Feb-19	SANTAMOURIS MAT	Energy	https://www.worldscientific.com/worldscibooks/10.1142/10901#t=oc
53	9781783263295	INTRODUCTION TO CARBON CAPTURE AND SEQUESTRATION	10-Jan-14	SMIT BEREND ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/p911#t=oc
54	9789814343527	WORLD SCIENTIFIC HANDBOOK OF ENERGY, THE	28-Jan-13	CRAWLEY GERARD M	Energy	https://www.worldscientific.com/worldscibooks/10.1142/8114#t=oc
55	9781800614543	ENVIRONMENTAL PLANNING AND MANAGEMENT (SECOND EDITION)	28-Nov-23	MADU CHRISTIAN N	Energy	https://www.worldscientific.com/worldscibooks/10.1142/q0429#t=oc
56	9781800612891	FOOD WASTE VALORISATION: FOOD, FEED, FERTILISER, FUEL AND VALUE-ADDED PRODUCTS	19-Jul-23	WONG MING HUNG ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/Q0380#t=oc
57	9789811268120	URBAN ENERGY AND CLIMATE: PROSPECTS FOR A SUSTAINABLE TRANSITION	28-Jun-23	MARCOTULLIO PETER ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/13194#t=oc
58	9789811203657	CHEMISTRY AND TECHNOLOGY OF ALTERNATE FUELS	14-Oct-20	SPEIGHT JAMES G	Energy	https://www.worldscientific.com/worldscibooks/10.1142/11366#t=oc

59	9789813208353	CLIMATE CHANGE AND THE ENERGY PROBLEM: PHYSICAL SCIENCE AND ECONOMICS PERSPECTIVE (SECOND EDITION)	14-Mar-17	GOODSTEIN DAVID ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/10400#t=oc
60	9781783265619	CLIMATE CHANGE AND ENERGY: JAPANESE PERSPECTIVES ON CLIMATE CHANGE MITIGATION STRATEGY	22-Apr-15	KAYA YOICHI ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/p969#t=oc
61	9781848168510	ENERGY STUDIES (3RD EDITION)	19-Mar-14	SHEPHERD WILLIAM & SHEPHERD DAVID	Energy	https://www.worldscientific.com/worldscibooks/10.1142/p830#t=oc
62	9789814425582	ASIA'S ENERGY TRENDS AND DEVELOPMENTS (IN 2 VOLUMES)	04-Apr-13	HONG MARK ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/8599#t=oc
63	9789814360616	CONTESTING THE FUTURE OF NUCLEAR POWER: A CRITICAL GLOBAL ASSESSMENT OF ATOMIC ENERGY	05-May-11	SOVACOO BENJAMIN K	Energy	https://www.worldscientific.com/worldscibooks/10.1142/7895#t=oc
64	9789814340335	ENERGY PROBLEM, THE	22-Mar-11	STEIN RICHARD S ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/8075#t=oc
65	9789814289078	HANDBOOK OF RENEWABLE ENERGY TECHNOLOGY	26-Jan-11	ZOBAA AHMED F ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/7489#t=oc
66	9789814317665	MATERIALS FOR SUSTAINABLE ENERGY: A COLLECTION OF PEER-REVIEWED RESEARCH AND REVIEW ARTICLES FROM NATURE PUBLISHING GROUP	05-Oct-10	DUSASTRE VINCENT	Energy	https://www.worldscientific.com/worldscibooks/10.1142/7848#t=oc
67	9781848161771	ENERGY STUDIES - PROBLEMS AND SOLUTIONS	10-Nov-08	SHEPHERD WILLIAM & SHEPHERD DAVID WILLIAM	Energy	https://www.worldscientific.com/worldscibooks/10.1142/p550#t=oc
68	9789812813121	NUCLEAR ENERGY: PROMISE OR PERIL?	16-Aug-99	HILL C R ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/4173#t=oc
69	9781848160743	NUCLEAR POWER, ENERGY AND THE ENVIRONMENT	05-Mar-99	HODGSON P E	Energy	https://www.worldscientific.com/worldscibooks/10.1142/p075#t=oc
70	9781786341600	CO2 SEQUESTRATION BY EX-SITU MINERAL CARBONATION	22-Dec-16	SANNA AIMARO & MAROTO-VALER MERCEDES	Energy	https://www.worldscientific.com/worldscibooks/10.1142/q0046#t=oc
71	9789814449175	HANDBOOK OF ENVIRONMENT AND WASTE MANAGEMENT - VOLUME 2: LAND AND GROUNDWATER POLLUTION CONTROL	24-Dec-13	HUNG YUNG-TSE ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/8699#t=oc
72	9789814327701	HANDBOOK OF ENVIRONMENT AND WASTE MANAGEMENT: AIR AND WATER POLLUTION CONTROL	13-Feb-12	HUNG YUNG-TSE ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/7971#t=oc
73	9789812796028	OCEAN DISPOSAL OF WASTEWATER	10-Dec-93	WOOD IAN R ET AL	Energy	https://www.worldscientific.com/worldscibooks/10.1142/1649#t=oc
74	9789811231032	JAPANESE MANAGEMENT: MARKET ENTRY, CRISIS AND CORPORATE GROWTH	22-Feb-21	HAGHIRIAN PARISSA	Management Studies	https://www.worldscientific.com/worldscibooks/10.1142/12124#t=oc
75	9789811260285	IDENTIFYING BUSINESS OPPORTUNITIES THROUGH INNOVATION	08-May-23	BOH WAI FONG & RAVINDRAN THARA	Management Studies	https://www.worldscientific.com/worldscibooks/10.1142/12963#t=oc
76	9789811271243	HUMANE ENTREPRENEURSHIP: CREATING A NEW ECONOMY, VENTURE BY VENTURE	16-Mar-23	GALBRAITH CRAIG S & STILES CURT H	Management Studies	https://www.worldscientific.com/worldscibooks/10.1142/13278#t=oc