



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला

National Institute of Technology Rourkela

बीजू पटनायक केन्द्रीय पुस्तकालय

Biju Patnaik Central Library

NEW ARRIVAL – BOOKS

The following new books (07.04.2014 - 12.04.2014) have been added to the library collection, these will be displayed in the current books display area (First Floor) for one week after that these will be placed on shelf. Reservation of displayed books can be made during display period.

Accession No	Title Details	Status
SYSTEMS:		
66183	003.54 COV/E Elements of information theory / Cover, Thomas M. --New Delhi: Wiley, 2013	On Display
DATA PROCESSING & COMPUTER SCIENCE:		
66103	004.22 MCL/C Computer architecture: an embedded approach / Mcloughlin, Ian. --New Delhi: Tata Mcgraw Hill, 2012	On Display
66104	"	On Display
66105	"	On Display
66106	"	On Display
66107	"	On Display
66158	004.22 PAR/A Advanced computer architecture / Parthasarathy, K. A. --Chennai: Vijay Nicole Imprints, 2012	On Display
66159	"	On Display
66059	004.33 LAP/R Real-time systems design and analysis: tools for the practitioner / Laplante, Phillip A. --New Delhi: Wiley- IEEE Press, 2013	On Display
66060	"	On Display

66191	004.33 PRA/E Embedded /real-time systems: concepts, design & programming / Prasad, K. V. K. K. --New Delhi : Dreamtech Press, 2013	On Display
66161	004.35 HWA/A Advanced computer architecture: parallelism, scalability, programmability / Hwang, Kai. --New Delhi : Mcgraw Hill Education, 2013	On Display
66123	004.35 QUI/P Parallel computing: theory and practice / Quinn, Michael J. --New Delhi: Tata Mcgraw Hill, 2012	On Display
66124	"	On Display
66190	004.36 ATT/D Distributed computing: fundamentals, simulations, and advanced topics / Attiya, Hagit. --New Delhi: Wiley & Sons, 2012	On Display
66189	004.36 SAD/D Distributed component architecture / Sadasivam, G. Sudha. --New Delhi: Wiley, 2011	On Display

COMPUTER PROGRAMMING, PROGRAMS & DATA:

66109	005.1 LEE/I Introduction to the design and analysis of algorithms: a strategic approach / Lee, R. C.T. --New Delhi: TMH , 2013	On Display
66110	"	On Display
66111	"	On Display
66112	"	On Display

SPECIAL COMPUTER METHODS:

66201	006.32 BHA/N Neural networks and fuzzy logic / Bhaskar, C. Naga. --Hyderabad: B S Publications, 2011	On Display
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FINANCIAL ECONOMICS:

66173	332.102854678 JOS/E E-finance: the future is here / Joshi, V. C. --New Delhi: SAGE Publications, 2010	On Display
66058	332.10681 HUL/R Risk management and financial institutions / Hull, John C. --Hoboken: Wiley &sons, 2012	On Display
66181	332.632044 VER/F Fixed-income securities: valuation, risk & risk management / Veronesi, Pietro. --New Delhi: Wiley, 2012	On Display

ECONOMICS OF LAND & ENERGY:

66066 333.7923 SUK/S On Display
Solar energy: principles of thermal collection and
storage / Sukhatme, Suhas P. --New Delhi: Tata Mcgraw
Hill, 2013

MATHEMATICS:

66197 510 GOS/D On Display
Discrete mathematics with proof / Gossett, Eric.
--Wiley: New Delhi, 2013

GENERAL PRINCIPLES OF MATHEMATICS:

66101 511.1 LIP/D On Display
Discrete mathematics / Lipschutz, Seymour. --New Delhi
: Mcgraw Hill, 2013

66096 511.1 PRA/D On Display
Discrete mathematics / Praba, B. --Chennai: Vijay
Nicole, 2010

66093 511.1 SIM/D On Display
Discrete mathematics by examples / Simpson, Andrew.
--New Delhi: Tata Mcgraw Hill, 2010

ALGEBRA:

66077 512.72 BUR/E On Display
Elementary number theory / Burton, David M. --New Delhi
: Tata Mcgraw Hill, 2013

NUMERICAL ANALYSIS:

66209 518.0285 GIL/M On Display
MATLAB: introduction with applications / Gilat, Amos.
--New Delhi: Wiley, 2013

PROBABILITIES & APPLIED MATHEMATICS:

66167 519.5 MON/A On Display
Applied statistics and probability for engineers
/ Montgomery, Douglas C. --New Delhi: Wiley, 2012

PHYSICS:

66063 530.12 MAT/T On Display
Textbook of quantum mechanics / Mathews, P. M. --New
Delhi: Tata Mcgraw Hill, 2013

66061 530.12 WIC/Q On Display
Quantum physics / Wichman, Eyvind H. --New Delhi: Tata
Mcgraw Hill, 2012

66078 530.141 EDM/A On Display
Electromagnetics / Edminister, Joseph A. --New Delhi
: Mcgraw Hill Education, 2010

66176 530.141 KRA/E On Display
Electromagnetics with applications / Kraus, John D.
--New Delhi: Tata Mcgraw Hill Education, 2010

- 66070 530.141 MAH/P On Display
Principles of electromagnetics / Mahapatra, S. C.
--New Delhi: Mcgraw Hill Education, 2011
- 66114 530.141 PAU/I On Display
Introduction to electromagnetic fields / Paul, Clayton
R. --New Delhi: Mcgraw Hill Education, 2007
- 66055 530 WAL/P On Display
Principles of physics / Walker, Jearl. --New Delhi
: Wiley, 2013

FLUID MECHANICS, LIQUID MECHANICS:

- 66068 532 PAT/T On Display
Textbook on fluid mechanics & hydraulic machines
/ Pati, Sukumar. --New Delhi: Mcgraw Hill Education
, 2012

LIGHT & INFRARED:

- 66065 535.076 GHA/P On Display
Problems and solutions in optics & photonics / Ghatak,
Ajoy. --New Delhi: Tata Mcgraw Hill, 2011
- 66118 535 JEN/F On Display
Fundamentals of optics / Jenkins, Francis A. --New
Delhi: Tata Mcgraw Hill, 2011

ELECTRICITY & ELECTRONICS:

- 66064 537.12076 HAY/P On Display
Problems & solutions in electromagnetics / Hayt,
William. --New Delhi: Mcgraw Hill Education, 2010
- 66206 537.622 SZE/P On Display
Physics of semiconductor devices / Sze, S. M. --New
Delhi: Wiley, 2009
- 66071 537 PUR/E On Display
Electricity and magnetism / Purcell, Edward M. --New
Delhi: Tata Mcgraw Hill, 2013

PHYSIOLOGY & RELATED SUBJECTS:

- 66214 571.293 MOA/M On Display
Microbial physiology / Moat, Albert G. --New Delhi
: Wiley, 2011
- 66141 571.4 ROY/T On Display
Textbook of biophysics / Roy, R. N. --Kolkata: New
Central Book Agency, 2013
- 66134 571.6 ROY/C On Display
Cell biology / Roy, Satyesh Chandra. --Kolkata: New
Central Book Agency, 2011
- 66142 571.8452 BHA/T On Display
Textbook of palynology: basic and applied
/ Bhattacharya, Kashinath. --Kolkata: New Central
Book Agency, 2011

- 66092 571.92 MEH/P On Display
Plant pathology / Mehrotra , R. S. --New Delhi: Mcgraw
Hill Education, 2013
- 66143 571.999 REJ/S On Display
Simplified course on parasitology and immunology
/ Rej, Swapan Kumar. --Kolkata: New Central Book
Agency, 2011

BIOCHEMISTRY:

- 66140 572.8 BAN/P On Display
Problems on genetics molecular genetics and
evolutionary genetics / Banerjee, Pranab Kumar.
--Kolkata: New Central Book Agency, 2013
- 66108 572.8 HYD/G On Display
Genetics and molecular biology: with fundamentals of
biostatistics / Hyde, David R. --New Delhi: Tata
Mcgraw Hill, 2010
- 66133 572 DEB/C On Display
Comprehensible viva and practical biochemistry: for
medical science, general science, veterinary science,
home science, / Deb, A. C. --London: NCBA, 2009
- 66160 572 PAN/B On Display
Biochemistry, physiology and endocrinology / Pandey,
B. N. --New Delhi: Tata Mcgraw Hill Education, 2012

GENETICS & EVOLUTION:

- 66135 576.5 KAR/C On Display
Cell biology, Genetics, Molecular biology / Kar, Dipak
Kumar. --Kolkata: New Central Book Agency, 2013

ECOLOGY:

- 66138 577 SAN/F On Display
Fundamentals of ecology & environmental biology
/ Santra, S. C. --Kolkata: New Central Book Agency
, 2010

MICROORGANISM, FUNGI & ALGAE:

- 66157 579.8 SHA/A On Display
Algae / Sharma, O. P. --New Delhi: Mcgraw Hill
Education, 2013
- 66137 579 BAN/F On Display
Fundamentals of microbiology and immunology
/ Banerjee, Ajit Kumar. --Kolkata: New Central Book
Agency, 2012
- 66144 579 CHA/T On Display
Text book of microbiology / Chakraborti, P. --Kolkata
: New Central Book Agency, 2013

SPECIFIC TOPICS IN NATURAL HISTORY:

- 66139 581.012 MON/A On Display
Advanced plant taxonomy: for undergraduate and post-graduate students / Mondal, Amal Kumar. --Kolkata: NCBA, 2011
- 66146 581.6340954 LAL/M On Display
Medicinal plants of India / Lal, Satish Narain. --New Delhi: New Central Book Agency, 2009
- 66073 581 SON/F On Display
Fundamentals of botany / Soni, N. K. --New Delhi: Tata Mcgraw Hill, 2010
- 66074 " On Display
- 66120 582 SHA/P On Display
Plant taxonomy / Sharma, O. P. --New Delhi: Mcgraw Hill Education, 2009
- 66179 591.3 PAN/E On Display
Evolution, comparative anatomy, biometry, economic zoolog and animal development / Pandey, B. N. --New Delhi: Tata Mcgraw Hill Education, 2012
- 66178 591.5 PAN/E On Display
Ecology and animal behaviour / Pandey, B. N. --New Delhi: Tata Mcgraw Hill Education, 2012
- 66136 599.935 MAN/F On Display
Fundamentals of human genetics / Mandal, Sanjay. --Kolkata: New Central Book Agency, 2010

MEDICINE & HEALTH:

- 66148 610 AMA/M On Display
Medical biochemistry and biotechnology / Amanullah, Mohammed. --Kolkata: New Central Book Agency, 2011

HUMAN PHYSIOLOGY:

- 66119 612 SAN/H On Display
Human anatomy and physiology: with health education / Sanghani, Padma B. --New Delhi: Tata Mcgraw Hill Education, 2012
- 66072 612 VAN/S On Display
Seeley's fundamentals of human anatomy and physicology / VanPutte, Cinnamon. --New Delhi: TMH, 2011

DISEASES:

- 66067 616.02774 DEB/S On Display
Stem cells: basics and applications / Deb, Kaushik D., ed. --New Delhi: Tata Mcgraw Hill, 2009

ENGINEERING & ALLIED OPERATIONS:

- 66196 620.0042 KAD/E On Display
Electronic product design / Kaduskar, R. G. --New Delhi: Wiley, 2012

66170	620.00420285 TIC/A Auto CAD 2013: for engineers and designers / Tickoo, Sham. --New Delhi: Dreamtech Press, 2013	On Display
66199	620.00420285 WAL/M Mechanical design: theory and methodology / Waldron, Manjula B., ed. --New Delhi: Springer, 2007	On Display
66117	620. 112 ARC/I Introduction to mechanics of solids / Archer, Robert A., ed. --New Delhi: Mcgraw Hill Education, 2012	On Display
66091	620.3 GOW/M Mechanical vibrations / Gowda, Thammaiah. --New Delhi : Mcgraw Hill Education, 2012	On Display
66220	620.3 NAG/M Mechanical vibrations / Nag, Debabrata. --New Delhi : Wiley, 2013	On Display
66218	620.3 PAL/M Mechanical vibration / Palm III, William J. --New Delhi : Wiley, 2013	On Display
66203	620.5 KUM/M Materials science: nanotechnology and applications / Kumar, H. D. --New Delhi: I. K. International Publishing House, 2011	On Display

APPLIED PHYSICS:

66155	621.3 CHA/B Basic electrical engineering / Chakrabarti, Abhijit. --New Delhi: Mcgraw-Hill Education, 2013	On Display
66192	621.3 DWI/F Fundamentals of electrical engineering / Dwivedi, Bharti. --New Delhi: Wiley & Sons, 2012	On Display
66169	621.3 GAI/B Basic electrical engineering / Gaikwad, Sunil T. --New Delhi: Dreamtech Press, 2012	On Display
66076	621.3 HAY/E Engineering electromagnetics / Hayt, W. H. --New Delhi : Mcgraw Hill Education, 2006	On Display
66151	621.3 KOT/B Basic electrical engineering / Kothari, D. P. --New Delhi: Mcgraw-Hill Education, 2010	On Display
66128	621.3 RAM/M Mechatronics: Integrated mechanical electronic systems / Ramachandran, K. P. --New Delhi: Wiley & Sons, 2008	On Display
66129	"	On Display
66130	"	On Display

66079	621.3 SHU/E Electrical engineering materials / Shukla, R. K. --New Delhi: Mcgraw-Hill Education, 2012	On Display
66152	621.3 SIN/B Basic electrical & electronics engineering / Singh, Ravish R. --New Delhi: Tata Mcgraw Hill Education, 2009	On Display
66132	621.31 WOO/P Power generation, operation, and control / Wood, Allen J. --New Delhi: Wiley & Sons, 2012	On Display
66081	621.31042 CHA/E Electric machinery fundamentals / Chapman, Stephen J. --New Delhi: Mcgraw-Hill Education, 2013	On Display
66174	621.31042 KOT/E Electric machines / Kothari, D. P. --New Delhi: Tata Mcgraw Hill Education, 2012	On Display
66202	621.317 AND/P Power system protection / Anderson, P. M. --New Delhi : Wiley, 2012	On Display
66057	621.317 MAT/T Thyristor-based facts controllers for electrical transmission systems / Mathur, R. Mohan. --New Delhi : Wiley, 2012	On Display
66125	621.317 SIN/P Power electronics / Singh, M. D. --New Delhi: Mcgraw Hill Education, 2013	On Display
66208	621.317 UMA/P Power electronics: essentials & applications / Umanand, L. --New Delhi: Wiley, 2011	On Display
66088	621.317 VIT/P Power electronics: principles and applications / Vithayathil, Joseph. --New Delhi: Mcgraw-Hill Education, 2013	On Display
66056	621.319 BOL/U Understanding power quality problems: voltage sags and interruptions / Bollen, Math H. J. --New Delhi: Wiley & Sons, 2014	On Display
66126	621.319 GRA/P Power system analysis / Grainger, Johan J. --New Delhi : Tata Mcgraw Hill, 2012	On Display
66211	621.319 KIM/P Power systems stability / Kimbark, Edward Wilson. --New Delhi: Wiley, 2013	On Display
66212	"	On Display
66213	"	On Display

66216	621.319 RAJ/N Network synthesis and filter design / Rajankar, S. O. --New Delhi: Wiley, 2010	On Display
66200	621.319 UHL/P Power transmission through direct current / Uhlmann, Erich. --2014: Springer, 2004	On Display
66207	621.319 VED/P Power quality: VAR compensation in power systems / Vedam, R. Sastry. --Boca Raton: CRC Press, 2013	On Display
66171	621.3191 ACH/F Facts: modelling and simulation in power networks / Acha, Enrique. --New Delhi: Wiley, 2012	On Display
66090	621.3191 KOT/M Modern power system analysis / Kothari, D. P. --New Delhi: TMH, 2013	On Display
66087	621.31913 NAI/H High voltage engineering / Naidu, M .S. --New Delhi : TMH, 2014	On Display
66193	621.3192 IRW/E Engineering circuit analysis / Irwin, J. David. --New Delhi: Wiley, 2013	On Display
66095	621.367 JAY/D Digital image processing / Jayaraman, S. --New Delhi : Tata Mc-Graw Hill, 2013	On Display
66185	621.37 BHA/E Electrical measuring instruments and measurements / Bhargava, S. C. --Hyderabad: B S Publications, 2013	On Display
66053	621.381 REB/R RF MEMS: theory, design, and technology / Rebeiz, Gabriel M. --New Delhi: John Willey & Sons, 2010	On Display
66116	621.3815 BAL/L Linear integrated circuits / Bali, S. P. --New Delhi : Tata Mcgraw Hill, 2010	On Display
66080	621.3815 CAT/E Electronic devices and circuits / Cathey, Jimmie J. --New Delhi: Tata Mcgraw Hill, 2008	On Display
66094	621.3815 FRA/D Design with operational amplifiers and analog integrated circuits / Franco, Sergio. --New Delhi : Tata Mcgraw Hill, 2014	On Display
66168	621.3815 GRA/A Analysis and design of analog integrated circuit / Gray, Paul R. --New Delhi: Wiley, 2013	On Display
66187	621.3815 MAI/E Electronic devices and circuits / Maini, Anil K. --New Delhi: Wiley, 2011	On Display

66121	621.3815 MIL/M Millman's pulse, digital and switching waveforms / Millman, Jacob. --New Delhi: Mcgraw Hill Education , 2012	On Display
66175	621.3815 RAJ/D Design of analog CMOS integrated circuits / Razavi, Behzad. --New Delhi: Tata Mcgraw Hill, 2012	On Display
66115	621.3815 SAL/L Linear integrated circuits / Salivahanan, S. --New Delhi: Tata Mc-graw Hill, 2013	On Display
66217	621.3822 JAI/M Modeling & simulation using MATLAB - simulink / Jain, Shailendra. --New Delhi: Wiley, 2011	On Display
66097	621.3822 MIT/D Digital signal processing: a computer-based approach / Mitra, Sanjit Kumar. --New Delhi: Tata Mcgraw Hill , 2013	On Display
66069	621.395028553 MAS/S Semiconductor device modeling with SPICE / Massabrio, Giuseppe. --New Delhi: Tata Mcgraw Hill Education, 2010	On Display
66051	621.406 PAI/T Turbomachines / Pai, B. U. --New Delhi: Wiley, 2013	On Display
66177	621.46 SUB/E Electric drives: concepts and applications / Subrahmanyam, Vedam. --New Delhi: Mcgraw Hill Education, 2013	On Display
66219	621.815 COL/M Mechanical design of machine elements and machines: a failure prevention perspective / Collins, Jack A. --New Delhi: Wiley, 2013	On Display
66210	621.815 JUV/M Machine component design / Juvinal, Robert C. --New Delhi: Wiley, 2013	On Display
66089	621.815 SIN/M Machine drawing: includes AutoCAD / Singh, Ajeet. --New Delhi: Tata Mcgraw Hill, 2012	On Display
66122	621.902 MEH/M Machine tool design and numerical control / Mehta, N. K. --New Delhi: Mcgraw Hill Education, 2013	On Display

CIVIL ENGINEERING:

66188	624.171 PAU/D Dynamics of structures / Paultre, Patrick. --New Delhi : Wiley, 2013	On Display
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HYDRAULIC ENGINEERING:

66082	627 SUB/E	On Display
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Engineering hydrology / Subramanya, K. --New Delhi
: Tata Mcgraw Hill, 2013

66083	"	On Display
66084	"	On Display
66085	"	On Display
66086	"	On Display

SANITARY & MUNICIPAL ENGINEERING:

66075	628.5 RIT/E Environmental biotechnology: principles and applications / Rittmann, Bruce E. --New Delhi: TMH , 2012	On Display
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OTHER BRANCHES OF ENGINEERING:

66156	629.287 SRI/A Automotive mechanics / Srinivasan, S. --New Delhi : Tata Mcgraw-Hill Publishing, 2008	On Display
66099	629.83 DIS/C Control systems / Distefano III, Joseph J. --New Delhi : Tata Mcgraw Hill, 2013	On Display
66062	629.892 FU/R Robotics: control, sensing, vision, and intelligence / Fu, K .S. --New York: TMH, 2013	On Display
66102	629.895 GOP/D Digital control and state variable methods: conventional and intelligent control systems / Gopal, M. --New Delhi: Tata Mc-graw Hill, 2013	On Display

GENERAL MANAGEMENT:

66198	658.022 SCH/E Entrepreneurship and small business / Schaper, Michael. --New Delhi: Wiley, 2011	On Display
66172	658.202 DHI/E Engineering maintenance: a modern approach / Dhillon, B. S. --Boca Raton: CRC Press, 2013	On Display
66194	658.3 SEN/E Employee engagement: unlocking the secrets to nurturing a productive workforce / Sengupta, Debashish. --New Delhi: Biztantra, 2011	On Display
66052	658.312404 JAN/T Training & development / Janakiram, B. --New Delhi : Biztantra, 2011	On Display
66131	658.3125 RAO/P Performance management / Rao, C. Appa. --New Delhi : Biztantra, 2012	On Display
66205	658.4034 NAI/O Operations Research / Naidu, N. V. R. --New Delhi: I.	On Display

K. International Publishing House, 2013

- 66204 658.4034 VEE/O On Display
Operations research / Veerachamy, R. --New Delhi: I.
K. International Publishing House, 2012
- 66195 658.421 TRE/E On Display
Entrepreneurship / Trehan, Alpana. --New Delhi
: Dreamtech Press, 2011
- 66215 658.514 TID/M On Display
Managing innovation: Integrating technological, market
and organizational change / Tidd, Joe. --New Delhi
: Wiley, 2012
- 66150 658.827 BAI/B On Display
Branding in a competitive marketplace / Baisya, Rajat
K. --New Delhi: SAGE Publishing, 2013

CHEMICAL ENGINEERING:

- 66100 660.6 GUP/C On Display
Concise notes on biotechnology / Gupta , Rajni. --New
Delhi: Tata Mcgraw Hill, 2012
- 66145 660.6 SHR/I On Display
Molecular techniques in biochemistry & biotechnology
/ Shrivastava, Siddhartha. --Kolkata: New Central
Book Agency, 2010

MANUFACTURING:

- 66154 670.285 RAO/C On Display
CAD/CAM: principles and applications / Rao, P. N.
--New Delhi: Mcgraw Hill Education, 2013
- 66098 670.285 RAO/C On Display
Computer aided manufacturing / Rao, P. N. --New Delhi
: Mcgraw Hill Education, 2013
- 66180 670.285 TIC/E On Display
Exploring solidworks 2011: a project based approach
/ Tickoo, Sham. --New Delhi: Dreamtech, 2012
- 66127 670.285 ZEI/M On Display
Mastering CAD/CAM / Zeid, Ibrahim. --New Delhi: Mcgraw
Hill Education, 2013
- 66186 670.42 TAL/F On Display
Flexible manufacturing systems in practice:
applications, design and simulation / Talavage,
Joseph. --Boca Raton: Taylor & Francis, 2013
- 66113 670.4272 GRO/I On Display
Industrial robotics: technology, programming and
applications / Groover, Mikell P. --New Delhi: Mcgraw
Hill Education, 2013

PRECISION INSTRUMENTS & OTHER DEVICES:

- 66054 681.2 SOH/W On Display
Wireless sensor networks: technology, protocols, and
applications / Sohraby, Kazem. --New Delhi: Wiley &

BUILDING MATERIALS:

66162	691 GAM/B Building materials: products, properties and systems / Gambhir, M. L. --New Delhi: Mcgraw Hill Education , 2013	On Display
66163	"	On Display
66164	"	On Display
66165	"	On Display
66166	"	On Display

PUBLIC STRUCTURES:

66182	725.4 TOM/F Facilities planning / Tompkins, James A. --New Delhi : Wiley, 2013	On Display
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