



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला

National Institute of Technology Rourkela

बीजू पटनायक केन्द्रीय पुस्तकालय

Biju Patnaik Central Library

NEW ARRIVAL – BOOKS

The following new books (19.05.2014 - 23.05.2014) 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
DATA PROCESSING & COMPUTER SCIENCE:		
66622	004.66 GOV/M Multihop mobile: wireless networks / Govindan, Kannan. --Aalborg: River Publishers, 2010	On Display
COMPUTER PROGRAMMING, PROGRAMS & DATA:		
66667	005.7 LU/M Multilinear subspace learning: dimensionality reduction of multidimensional data / Lu, Haiping. --Boca Raton: CRC Press, 2014	On Display
SOCIAL COMPUTER METHODS:		
66606	006.3 JON/A Artificial intelligence: a systems approach / Jones, M. Tim. --Boston: Jones & Bartlett Publishers, 2009	On Display
66646	006.312 YE/D Data mining: theories, algorithms, and examples / Ye, Nong. --Boca Raton: CRC Press, 2014	On Display
FINANCIAL ECONOMICS:		
66611	332.10954 SIN/F Financial inclusion for inclusive growth / Singha, A. Rajmani, ed. --New Delhi: Concept Publishing Company , 2013	On Display

OTHER SOCIAL PROBLEMS & SERVICES:

- 66578 363.7 THA/T On Display
Textbook of environmental studies / Thatheyus, A.
Joseph. --New Delhi: Naosa Publishing, 2011
- 66655 363.7287 VAN/H On Display
Hazardous waste management: an introduction
/ Vanguilder, Clifton. --Dulles: Mercury learnind and
information, 2012

NATURAL SCIENCE:

- 66597 502.825 MOR/R On Display
Roadmap of scanning probe microscopy / Morita, S., ed.
--Berlin: Springer, 2007

GENERAL PRINCIPLES OF MATHEMATICS:

- 66644 511.352 GOL/C On Display
Computational complexity: a conceptual perspective
/ Goldreich, Oded. --Cambridge: Cambridge University
Press, 2008

PROBABILITIES & APPLIED MATHEMATICS:

- 66679 519.2 DOL/R On Display
Random signals and processes primer with MATLAB
/ Dolecek, Gordana Jovanovic. --New York: Springer
, 2013
- 66658 519.544 WIL/I On Display
Introduction to robust estimation and hypothesis
testing / Wilcox, Rand R. --Amsterdam: Elsevier, 2005
- 66580 519.6 SIA/A On Display
Advances in metaheuristics for hard optimization
/ Siarry, Patrick, ed. --Berlin: Springer, 2008
- 66595 519.76 DOS/O On Display
Optimal quadratic programming algorithms: with
applications to variational inequalities / Dostal,
Zdenek. --New York: Springer, 2009

PHYSICS:

- 66656 530.41 GAL/I On Display
Impurity scattering in metallic alloys / Galsin,
Joginder Singh. --New York: Kluwer Academic, 2002
- 66666 530.41 LIP/M On Display
Modern many-particle physics: atomic gases, quantum
dots and quantum fluids / Lipparini, Enrico. --New
Jersey: World scientific, 2003
- 66587 530.41 SHI/I On Display
Interfaces in high-Tc superconducting systems
/ Shinde, Subhash L., ed. --New york: Springer, 1994

66630 530.416 STR/ X On Display
X-ray scattering of soft matter / Stribeck, Norbert.
--Berlin: Springer, 2007

66628 530.44 PEC/W On Display
Waves and oscillations in plasmas / Pecseli, Hans L.
--Boca Raton: CRC Press, 2013

SOUND & RELATED VIBRATIONS:

66600 534 RAI/S On Display
Science and applications of acoustics / Raichel,
Daniel R. --New York: Springer, 2006

ELECTRICITY & ELECTRONICS:

66688 537.623 BEN/P On Display
Physics of superconductors / Bennemann, K. H., ed.
--Berlin: Springer, 2004

MAGNETISM:

66617 538.6 ALP/H On Display
Hydromagnetic waves in the magnetosphere and the
ionosphere / Alperovich, Leonid S. --[s.l.]: Springer
, 2007

MODERN PHYSICS:

66610 539.2 MIL/E On Display
Electromagnetic radiation: variational methods,
waveguides and accelerators / Milton, Kimball A.
--Berlin: Springer, 2006

66637 539.72 BOY/A On Display
Advanced particle physics / Boyarkin, O. M. --Boca
Raton: CRC Press, 2011

66638 " On Display

66685 539.725 EL/S On Display
Symmetry and condensed matter physics: a computational
approach / El-Batanouny, M. --Cambridge: Cambridge
University Press, 2008

PHYSICAL CHEMISTRY:

66668 541.37 KNA/N On Display
Nanocrystalline metals and oxides: selected properties
and applications / Knauth, Philippe, ed. --Boston
: Kluwer Academic Publishers, 2002

INORGANIC CHEMISTRY:

66581 546.681 MAK/C On Display
Carbon-based magnetism: an overview of the magnetism
of metal free carbon-based compounds and materials
/ Makarova, Tatiana, ed. --Amsterdam: Elsevier, 2006

70598 546 SHA/I On Display
Inorganic chemistry / Sharpe, Alan G. --New Delhi
: Pearson, 2007

ORGANIC CHEMISTRY:

- 66608 547.84 KHO/C On Display
Conformation-dependent design of sequences in
copolymers I / Khokhlov, Alexei R., ed. --Berlin
: Springer, 2006
- 66577 547.84 PIN/S On Display
Structure and properties of polymers / Pingsheng, He.
--Beijing: Science Press, 2014

GEOLOGY, HYDROLOGY:

- 66596 551.0151 BON/P On Display
Progress in geomathematics / Bonham-Carter, Graeme,
ed. --Berlin: Springer, 2008

PHYSIOLOGY & RELATED SUBJECTS:

- 66616 571.47 SAN/H On Display
High frequency electromagnetic dosimetry / Sanchez-
Hernandez, David A., e. --Boston: Artech House, 2009

BIOCHEMISTRY:

- 66687 572.4295 HAN/C On Display
Chemistry of fungi / Hanson, James R. --Cambridge: RSC
Publishing, 2008
- 70597 572.51 DAS/B On Display
Bioinorganic chemistry / Das, Asim K. --Kolkata: Books
& Allied, 2013
- 66621 572.8 COX/M On Display
Molecular biology: principles and practice / Cox,
Michael M. --New York: W.H. Freeman and Company, 2012

MICROORGANISMS, FUNGI & ALGAE:

- 66663 579.165 MOR/M On Display
Microbial glycobiology: structures, relevance and
applications / Moran, Anthony P., ed. --Amsterdam
: Elsevier, 2009
- 66641 579.1757 HUA/B On Display
Biogeochemistry of trace elements in the rhizosphere
/ Huang, P. M., ed. --Amsterdam: Elsevier, 2005

MEDICINE & HEALTH:

- 66619 610.28 JAY/M On Display
Methods in bioengineering: systems analysis of
biological networks / Jayaraman, Arul, ed. --[s.l.]
: Artech House, 2009
- 66664 610.28 MIN/M On Display
Microfluidic techniques: reviews and protocols
/ Minter, Shelley D., ed. --Totowa: Humana Press
, 2006

HUMAN PHYSIOLOGY:

66689 612.028 BOC/T On Display
Tissue engineering using ceramics and polymers
/ Boccaccini, Aldo R., ed. --Boca Raton: CRC Press
, 2007

PERSONAL HEALTH & SAFETY:

66647 613.2 MCC/D On Display
Designing functional foods: measuring and controlling
food structure breakdown and nutrient absorption
/ Mcclements, D. Julian, ed. --Oxford: Woodhead, 2012

DISEASES:

66686 616.994 VER/T On Display
Targeting treatment of soft tissue sarcomas / Verweij,
Jaap, ed. --Massachusetts: Kluwer Academic Publishers
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66682 616.994075 KLI/S On Display
Soft tissue tumors: a multidisciplinary, decisional,
diagnostic approach / Klijanienko, Jerzy, ed. --Hoboken
: Wiley, 2011

ENGINEERING & ALLIED OPERATIONS:

66620 620.106 ZAH/M On Display
Methods in bioengineering: biomicrofabrication and
biomicfluidics / Zahn, Jeffrey D; ed. --Boston: Artech
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66662 620.110286 ASH/M On Display
Materials and the environment: eco-informed material
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66583 620.1123 GUO/D On Display
Deformation and processing of structural materials
/ Guo, Z. Xiao, ed. --Cambridge: Woodhead Publishing
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Limit analysis of solids and structures / Kamenjarzh,
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66651 620.1126 REC/F On Display
Fracture mechanics and crack growth / Recho, Naman.
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66602 620.11297 ITO/V On Display
VLSI memory chip design / Itoh, Kiyoo. --Berlin
: Springer, 2001

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Nanostructured materials and their applications
/ Logothetidis, Stergios, ed. --Berlin: Springer, 2012

66604 620.115 LU/A On Display
Advances in nanomaterials and nanostructures / The
American Ceramic Society. --Hoboken: Wiley, 2011

66645	620.136 SEN/C Concrete materials: properties, performance & applications / Sentowski, Jeffrey Thomas,ed. --New York : Nova Science Publishers, 2009	On Display
66675	620.1404299 RIC/P Porosity of ceramics / Rice, Roy W. --New York: Marcel Dekker, 1998	On Display
66593	620.14499 HUL/M Microstructuring of glasses / Hulsenberg, D. --Berlin : Elsevier, 2008	On Display
66643	620.192 TON/C Characterization of polymers / Tong, Ho-Ming, ed. --New York: Momentum Press, 2010	On Display
66623	620.19204 VAN/O Ordered polymeric nanostructures at surfaces / Vancso, G. Julius, ed. --Berlin: Springer, 2006	On Display
66624	620.192042 BRI/P Polymer engineering science and viscoelasticity / Brinson, Hal F. --New York: Springer, 2008	On Display
66670	620.5 WHA/N Nanostructured metals and alloys: processing, microstructure, mechanical properties and applications / Whang, Sung H. , ed. --Oxford: Woodhead Publishing , 2011	On Display

APPLIED PHYSICS:

66603	621.31244 NIC/P Power electronics and control techniques for maximum energy harvesting in photovoltaic system / Nicola, Femia. --Boca Raton: CRC Press, 2013	On Display
66678	621.3132 CHO/P Pulsewidth modulated DC - to - DC power conversion: circuits, dynamics, and control designs / Choi, Byungcho. --Hoboken: John Wiley & Sons, 2013	On Display
66632	621.3192 JAG/N Network theory / Jagan, N.C. --Hyderabad: B. S. Publications, 2005	On Display
66661	621.366 MAI/L Lasers and optoelectronics: fundamentals, devices and applications / Maini, Anil K. --Chichester: John Wiley & Sons, 2013	On Display
66625	621.3661 NOG/S Solid-state random lasers / Noginov, Mikhail A. --New York: Springer, 2005	On Display
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66680	621.38 VAN/R Reference data for engineers: radio, electronics, computer, and communications / Van Valkenburg, Mac E., ed. --Boston: Newnes, 2002	On Display

66627	621.381 MAL/U Understanding microelectronics: a top-down approach / Maloberti, Franco. --Chichester: John Wiley & Sons , 2012	On Display
66601	621.381 NOL/T Thermoelectrics: basic principles and new materials developments / Nolas, G. S. --Berlin: Springer, 2001	On Display
66591	621.381 YAN/M Micro and nano mechanical testing of materials and devices / Yang, Fuqian, ed. --New York: Springer, 2008	On Display
66665	621.3813 POZ/M Microwave engineering / Pozar, David M. --New Delhi : Wiley, 2013	On Display
66594	621.38132 STE/M Multifunctional adaptive microwave circuits & systems / Steer, Michael B., ed. --Raleigh: Scitech Publishing , 2009	On Display
66598	621.3815 COL/S Silicon-on-insulator technology: materials to VLSI / Colinge, Jean-Pierre. --New York: Springer, 2004	On Display
66590	621.3815 OTT/L Low-power wireless infrared communications / Otte, Rob. --Boston: Kluwer Academic Publishers, 1999	On Display
66659	621.38152 BRE/I Introduction to semiconductor devices: for computing and telecommunications applications / Brennan, Kevin F. --Cambridge: Cambridge University Press, 2005	On Display
66673	621.381522 PER/O Organic light-emitting diodes: the use of rare-earth and transition metals / Pereira, Luiz. --Singapore : Pan Stanford Publishing, 2012	On Display
66639	621.382 CHE/A Antennas for global navigation satellite systems / Chen, Xiaodong. --Chichester: John Wiley & Sons , 2012	On Display
66648	621.382 HAY/D Digital communication systems: a modern introduction / Haykin, Simon S. --Hoboken: Wiley, 2014	On Display
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66634	621.3825 AGA/S Satellite communications / Agarwal, D.C. --New Delhi : Khanna Publishers, 2009	On Display
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66691	621.384 HLA/W Wireless communications over rapidly time-varying channels / Hlawatsch, Franz, ed. --Amsterdam: Elsevier , 2011	On Display
66631	621.3845 BUL/I Insights into mobile multimedia communications / Bull, David, ed. --San Diego: Academic press, 1999	On Display
66677	621.3848 MEL/P Principles of modern radar / Melvin, William L., ed. --Stevenage: Scitech Publishing, 2013	On Display
66676	621.385322 IOI/P Power electronics and energy conversion systems / Ioinovici, Adrian. --Chichester: John Wiley & Sons , 2013	On Display
66660	621.388 DUH/J Joint source-channel decoding: a cross-layer perspective with application in video broadcasting over mobile and wireless / Duhamel, Pierre. --Burlington: Academic Press, 2010	On Display
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66636	621.815 BUD/S Shigley's mechanical engineering design / Budynas, Richard G. --New York: McGraw-Hill, 2008	On Display
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CIVIL ENGINEERING:

66642	624.2 ZHA/B Bridge engineering: design, rehabilitation, and maintenance of modern highway bridges / Zhao, Jim J. --New York: Mcgraw Hill, 2012	On Display
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SANITARY & MUNICIPAL ENGINEERING:

66654	628.52 BRA/H Hazardous materials: types, risks and control / Brar, Satinder Kaur, ed. : Nova Science Publishers, 2011	On Display
66657	628 DAV/I Introduction to environmental engineering / Davis, Mackenzie L. --New Delhi: Tata Mcgraw Hill, 2010	On Display

OTHER BRANCHES OF ENGINEERING:

- 70180 629.40954 KAL/S
Scientific Indian: a twenty-first century guide to the world around us / Kalam, A. P.J. Abdul. --New Delhi : Penguin Books, 2011
- 66579 629.8 BAN/V On Display
Vibratory and controlled synchronization engineering / Bangchun, Wen. --Beijing: Science Press, 2012
- 66672 629.892 EDW/O On Display
Open-source robotics and process control cookbook: designing and building robust, dependable real-time systems / Edwards, Lewin A. R. W. --Amsterdam : Elsevier, 2005

AGRICULTURE & RELATED TECHNOLOGIES:

- 66576 630..0727 AMD/S On Display
Statistical methods for agricultural and biological sciences / Amdekar, S. J. --New Delhi: Narosa Publishing House, 2014

TECHNIQUES, EQUIPMENT & MATERIALS:

- 66671 631.43 KAP/N On Display
New trends in soil micromorphology / Kapur, Selim, ed. --Berlin: Springer, 2008

OFFICE SERVICES:

- 66609 651.74 ROD/E On Display
Effective business communications / Rodrigues, M. V. --New Delhi: Concept Publishing Company, 2013

EXPLOSIVES, FUELS & RELATED PRODUCTS:

- 66683 662.623 TIL/S On Display
Solid fuel blending: principles, practices, and problems / Tillman, David A. --Amsterdam: Elsevier, 2012
- 66640 662.88 BLA/B On Display
Biofuels from agricultural wastes and byproducts / Blaschek, Hans P., ed. --Ames: Wiley-Blackwell, 2010

BEVERAGE TECHNOLOGY:

- 66652 663.6 PAQ/F On Display
Functional and speciality beverage technology / Paquin, Paul, ed. --Oxford: Woodhead, 2009

FOOD TECHNOLOGY:

- 66684 664.001579 JAR/S On Display
Statistical aspects of the microbiological examination of foods / Jarvis, Basil. --Amsterdam: Academic Press, 2008

- 66613 664.06 WIL/G On Display
Gums and stabilisers for the food industry 16
/ Williams, Peter A., ed. --Cambridge: RSC Publishing
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- 66653 664 BAR/G On Display
Global issues in food science and technology / Barbosa-
Canovas, Gustavo, ed. --Amsterdam: Academic Press, 2009
- 66612 664 PAN/F On Display
Food chemistry / Panwar, Hament. --Jaipur: RBSA
Publisher, 2013

CLEANING, COLOR & COATING TECHNOLOGIES:

- 66599 667.9 PAU/S On Display
Surface coatings: science and technology / Paul,
Swaraj, ed. --Chichester: John Wiley & Sons, 1997

METALWORKING & PRIMARY METAL PRODUCTS:

- 66592 671.35 CHE/M On Display
Micro-cutting: fundamentals and applications / Cheng,
Kai, ed. --Chichester: John Wiley & Sons, 2013

IRON, STEEL & OTHER IRON ALLOYS:

- 66690 672.520422 SIN/W On Display
Weld cracking in ferrous alloys / Singh, Raman, ed.
--Boca Raton: CRC Press, 2009

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