



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला  
**National Institute of Technology Rourkela**  
बीजू पटनायक केन्द्रीय पुस्तकालय  
**Biju Patnaik Central Library**  
**NEW ARRIVAL – BOOKS**

The following new books (01.12.2014 – 05.12.2014) 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
70446	003.54 KWO/O Optical coding theory with prime / Kwong, Wing C. : CRC Press, 2013	On Display
70444	003.75 BIL/N Nonlinear system identification: NARMAX methods in the time, frequency, and spatio-temporal domains / Billings, Stephen A. : Wiley, 2013	On Display
70443	003.857 MAC/N Nonlinear and complex dynamics: applications in physical, biological, and financial systems / Machado, Jose Antonio Tenreiro. : Springer, 2011	On Display
70403	004.654 ERL/S SOA governance: governing shared services on-premise and in the cloud / Erl, Thomas [ed.]. : Pearson, 2011	On Display
70406	004.695 FLA/V VoIP and unified communications: internet telephony and the future voice network / Flanagan, William A. : Wiley, 2012	On Display
70416	006.3 SID/C Computational intelligence: synergies of fuzzy logic, neural networks and evolutionary computing / Siddique, Nazmul. : Wiley, 2013	On Display
70410	006.32 ZHA/A Artificial higher order neural networks for modeling and simulation / Zhang, Ming. : IGI Global, 2013	Reference
70414	006.37 GEV/C Color in computer vision: fundamentals and applications / Gevers, Theo. : Wiley, 2012	On Display

70463	006.4 BIS/P Pattern recognition and machine learning / Bishop, Christopher M. : Springer, 2013	On Display
70421	006.601516 MUK/D Digital geometry in image processing / Mukhopadhyay, Jayanta. : CRC Press, 2013	On Display
70428	516.36 MCL/F First steps in differential geometry: riemannian, contact, symplectic / McInerney, Andrew. : Springer , 2013	On Display
70492	518.5 WID/Q Quantization noise: roundoff error in digital computation, signal processing, control, and communications / Widrow, Bernard. : Cambridge University Press, 2008	On Display
70397	519.2 MIL/P Probability and random processes: with applications to signal processing and communications / Miller, Scott L. : Academic Press, 2013	On Display
70454	519.5 GUP/S Statistics and probability with applications for engineers and scientists / Gupta, Bhisham C. : Wiley , 2013	On Display
70461	519.57 MON/D Design and analysis of experiments / Montgomery, Douglas C. : Wiley, 2012	On Display
70426	523.01 LAN/E Essential astrophysics / Lang, Kenneth R. : Springer , 2013	On Display
70413	523.8875 MEI/B Black hole astrophysics: the engine paradigm / Meier, David L. : Springer, 2012	On Display
70411	530.13 MUL/B Basics of statistical physics / Mulller-Kirsten, Harald J. W. : World Scientific, 2013	On Display
70442	530.13 ROP/N Nonequilibrium statistical physics / Ropke, Gerd. : Wiley, 2013	On Display
70417	530.15 SCH/C Computational physics: simulation of classical and quantum systems / Scherer, Philipp O. J. : Springer , 2013	On Display
70415	532 PLE/C Computational fluid mechanics and heat transfer / Pletcher, Richard H. : CRC Press, 2013	On Display
70427	537.623 FRA/F Field theories of condensed matter physics / Fradkin, Eduardo. : Cambridge University Press, 2013	On Display
70422	539.2 QIX/E Electromagnetic fields and waves / Qixiang, Jiao [ed.]. : Science Press, 2013	On Display

70423	539.7213 SIV/E Elementary scattering theory: for X-ray and neutron users / Sivia, D. S. : Oxford University Press, 2011	On Display
70495	541.0421 RAO/R Readings in solid-state and materials chemistry: selected research papers of C.N.R. Rao on the occasion of his 80th birt / Rao, C. N. R. : Singapore, 2013	On Display
70401	547.2 ORL/S Self - Organization in electrochemical systems / Orlik, Marek. : Springer, 2012	Reference
70402	"	Reference
70430	548.81 SZC/G Geometry of crystallographic groups / Szczepanski, Andrzej. : World Scientific, 2012	On Display
70419	551.8 MUK/D Deformation mirostructures in rocks / Mukherjee, Soumyajit. : Springer, 2013	On Display
70412	570.15195 BOU/B Biometrics: theory, methods, and applications / Boulgouris, Nikolaos V. [ed.]. : Wiley, 2010	On Display
70450	570.2825 SCH/S Scanning electron microscopy for the life sciences / Schatten, Heide [ed.]. : Cambridge University Press , 2013	On Display
70409	570.285 ALO/I Introduction to systems biology: design principles of biological circuits / Alon, Uri. : Chapman & Hall, 2013	On Display
70483	570.28555 BUR/M MATLAB in bioscience and biotechnology / Burstein, Leonid. : Biohealthcare Publishing, 2011	On Display
70489	571.638 LOY/P Plant cell culture protocols / Loyola-Vargas, Victor M. [ed.]. : Humana Press, 2006	On Display
70467	572.80285 UCH/A Annotating new genes: from in silico screening to experimental validation / Uchida, Shizuka. : Woodhead Publishing, 2012	On Display
70418	572.8633 SHO/D Deep sequencing data analysis / Shomron, Noam [ed.]. : Humana Press, 2013	On Display
70424	572.865 MEY/E Epigenetic regulation and epigenomics: advances in molecular biology and medicine / Meyer, Robert A. [ed.]. : Wiley, 2012	Reference
70425	"	Reference
70439	572 FRA/M Molecular machines in biology: workshop of the cell / Frank, Joachim [ed.]. : Cambridge University Press , 2011	On Display

70456	573.79343 EPS/E Elements of continuum biomechanics / Epstein, Marcelo. : Wiley, 2012	On Display
70470	574.1925 PAR/C Carbohydrate-active enzymes: structure, function and applications / Park, Kwan-Hwa [ed.]. : Woodhead Publishing, 2011	On Display
70468	574.19296 AND/B Biochemistry of milk products / Andrews, A. T. [ed.]. : Woodhead Publishing, 2004	On Display
70473	577.14 IBA/E Environmental chemistry: microscale laboratory experiments / Ibanez, Jorge G. : Springer, 2008	On Display
70494	612.015 DEV/T Textbook of biochemistry: with clinical correlations / Devlin, Thomas M. [ed.]. : Wiley, 2006	On Display
70472	612.3 GAR/E Encapsulation technologies and delivery systems for food ingredients and nutraceuticals / Garti, Nissim [ed.]. : Woodhead Publishing, 2012	On Display
70474	613.28 DEL/F Fibre-rich and wholegrain foods: improving quality / Delcour, Jan A. [ed.]. : Woodhead Publishing, 2013	On Display
70471	615.190285 DJU/C Computer-aided applications in pharmaceutical technology / Djunis, Jelena [ed.]. : Woodhead Publishing, 2013	On Display
70475	615.954 BLA/F Foodborne pathogens: hazards, risk analysis and control / Blackburn, Clive De W. [ed.]. : Woodhead Publishing , 2009	On Display
70455	616.02774 SEL/S Stem cells handbook / Sell, Stewart [ed.]. : Humana Press, 2013	Reference
70398	616.0757 NEW/P Progress in medical imaging / Newhouse, Vernon L. [ed.]. : Springer-Verlag, 1988	On Display
70453	616.804754 CHU/S Statistical and computational methods in brain image analysis / Chung, Moo K. : CRC Press, 2014	On Display
70482	616.9041 HOF/L Living in a microbial world / Hofkin, Bruce V. : Garland Science, 2011	On Display
70420	617.695 BER/D Dental ceramics: microstructure, properties and degradation / Bergmann, Carlos P. : Springer, 2013	On Display
70440	620.11299 YIN/N Nanostructured materials / Ying, Jackie Y. [ed.]. : Academic Press, 2001	On Display

70437	620.11892 ABO/M Micromechanics of composite materials: a generalized multiscale analysis approach / Aboudi, Jacob. : Academic press, 2013	On Display
70431	620.144 KLI/G Glassy disordered systems: glass formation and universal anomalous low-energy properties / Klinger, Michael I. : World Scientific, 2013	On Display
70441	620.5 FIS/N Nanoindentation / Fischer-Cripps, Anthony C. : Springer, 2011	On Display
70457	621.042 CRA/W World scientific handbook of energy / Crawley, Gerard M. [ed.]. : World Scientific, 2013	Reference
70396	621.312429 MEN/P Polymer electrolyte fuel cell degradation / Mench, Matthew M. [ed.]. : Academic Press, 2012	On Display
70435	621.3678 CHA/H Hyperspectral data processing: algorithm design and analysis / Chang, Chein - I. : Wiley, 2013	On Display
70399	621.3678 CLA/R Remote sensing tools for exploration: observing and interpreting the electromagnetic spectrum / Clark, Pamela Elizabeth. : Springer, 2010	On Display
70449	621.38132 ROH/R RF /microwave circuit design for wireless applications / Rohde, Ulrich L. : Wiley, 2013	On Display
70429	621.381533 DYK/F Fluctuating nonlinear oscillators: from nanomechanics to quantum superconducting circuits / Dykman, Mark [ed.]. : Oxford University Press, 2012	On Display
70407	621.382 RAC/W Wireless networking technology: from principles to successful implementation / Rackley, Steve. : Newnes, 2010	On Display
70438	621.3820287 TEP/M Modern RF and microwave measurement techniques / Teppati, Valeria [ed.]. : Cambridge University Press, 2013	On Display
70493	621.384135 PRA/S Single- and multi-carrier MIMO transmission for broadband wireless systems / Prasad, Ramjee. : River Publisher, 2009	On Display
70433	621.38456 CHU/H Heterogeneous cellular networks: theory, simulation and deployment / Chu, Xiaoli [ed.]. : Cambridge University Press, 2013	On Display
70451	621.38456 QUE/S Small cell networks: deployment, PHY techniques, and resource management / Quek, Tony Q. S. [ed.]. : Cambridge University Press, 2013	On Display

70405	621.38485 AMI/T Through-the-wall radar imaging / Amin, Moeness G. [ed.]. : CRC Press, 2011	On Display
70408	621.388 ZHU/3 3D-TV system with depth-image-based rendering: architectures, techniques and challenges / Zhu, Ce [ed.]. : Springer, 2013	On Display
70434	621.8 RAO/H History of rotating mechinary dynamics / Rao, J.S. : Springer, 2011	On Display
70436	621.82 ISH/L Linear and nonlinear rotordynamics: a modern treatment with applications / Ishida, Yukio. : Wiley, 2012	On Display
70459	624.17 HAM/U Uncertainty and optimization in structural mechanics / Hami, Abdelkhalak EI. : Wiley, 2013	On Display
70452	624.176 WAN/S Structural vibration: exact solutions for strings, membranes, beams, and plates / Wang, C.Y. : CRC Press , 2014	On Display
70460	628.37 INC/W Wastewater solids incineration systems / Incineration Task Force of the. : McGraw-Hill, 2009	Reference
70458	629.1323 RAT/T Theoretical aerodynamics / Rathakrishnan, Ethirajan. : Wiley, 2013	On Display
70400	629.892 KUR/R Robotic and automation handbook / Kurfess, Thomas R. [ed.]. : CRC Press, 2013	On Display
70447	629.892 TAG/P Parallel robots: mechanics and control / Taghirad, Hamid D. : CRC Press, 2013	On Display
70448	"	On Display
70488	632.3 SCH/N Nature of disease in plants / Scheffer, Robert P. : Cambridge University Press,, 1997	On Display
70462	658.38 CAC/E Ergonomics and safety in hand tool design / Cacha, Charles A. : CRC Press, 1999	On Display
70404	660.28424 KIS/S Solvent extraction: classical and novel approaches / Kislik, Vladimir S. : Elsevier, 2012	On Display
70480	660.65 NIC/I Introduction to genetic engineering / Nicholl, Desmond S. T. : Cambridge University Press, 2008	On Display
70466	663.1072 PIG/A Alcoholic beverages: sensory evaluation and consumer research / Piggott, John [ed.]. : Woodhead Publishing , 2012	On Display

70469	664.001579 FRA/B Biofilms in the food and beverage industries / Fratamico, Pina M. [ed.]. : Woodhead Publishing , 2009	On Display
70486	664.02 OHL/M Minimal processing technologies in the food industry / Ohlsson, Thomas [ed.]. : Woodhead Publishing, 2002	On Display
70491	664.028 LAC/P Protective cultures, antimicrobial metabolites and bacteriophages for food and beverage biopreservation / Lacroix, Christophe [ed.]. : Woodhead Publishing , 2011	On Display
70478	664.53 PET/H Handbook of herbs and spices / Peter, K. V. [ed.]. : Woodhead Publishing, 2012	Reference
70479	"	Reference
70481	664.7 KEN/T Technology of cereals: an introduction for students of food science and agriculture / Kent, N. L. : Pergamon , 1994	On Display
70476	664.8 JON/F Fruit and vegetable processing: improving quality / Jongen, Wim [ed.]. : Woodhead Publishing, 2005	On Display
70485	664.9 FEI/M Meat products handbook: practical science and technology / Feiner, Gerhard. : Woodhead Publishing , 2006	Reference
70484	664.900685 KER/M Meat processing: improving quality / Kerry, Joseph [ed.]. : Woodhead Publishing, 2007	On Display
70490	664.907 KER/P Processed meats: improving safety, nutrition and quality / Kerry, J. P. [ed.]. : Woodhead Publishing , 2011	On Display
70477	664 DOM/F Functional ingredients from algae for foods and nutraceuticals / Domínguez, Herminia [ed.]. : Woodhead Publishing, 2013	On Display
70487	664 HUA/N Nanotechnology in the food, beverage and nutraceutical industries / Huang, Qingrong [ed.]. : Woodhead Publishing, 2012	On Display
70445	666 HUA/N Novel colloidal forming of ceramics / Huang, Yong. : Springer, 2010	On Display
70432	671.52 KAT/H Handbook of laser welding technologies / Katayama, Seiji [ed.]. : Woodhead Publishing, 2013	Reference

70464	891.456 SAH/A Ame odia / Sahu, Nrusingha Charan. : Ame Odia Strust , 2013	Reference
70465	"	Reference

**Note: Reference books can't be reserved.**

**For any query related to Books, please contact**

Mr. D. P. Tripathi  
Assistant Librarian  
Phone: 2110