



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला

**National Institute of Technology Rourkela**

बीजू पटनायक केन्द्रीय पुस्तकालय

**Biju Patnaik Central Library**

## NEW ARRIVAL – BOOKS

The following new books (21.04.2014 - 25.04.2014) 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
<b>SYSTEMS:</b>		
66359	003.54 MID/N Non-Gaussian statistical communication theory / Middleton, David. --Hoboken: Wiley, 2012	On Display
<b>DATA PROCESSING &amp; COMPUTER SCIENCE:</b>		
66432	004.0286 WU/G Green communications: theoretical fundamentals, algorithms and applications / Wu, Jinsong, ed. --Boca Raton: CRC Press, 2013	On Display
66376	004.6 GUI/W Wireless communications systems and networks / Guizani, Mohsen, ed. --New York: Springer, 2006	On Display
66426	004.6 RAS/D Dynamic ad hoc networks / Rashvand, H. F., ed. --London : The Institution of Engineering & Technology, 2013	On Display
66304	004.65 KAM/S Service-oriented architecture: for enterprise and cloud applications / Kambhampaty, Shankar. --New Delhi : Wiley, 2010	On Display
66305	"	On Display
66306	"	On Display
66307	"	On Display

**COMPUTER PROGRAMMING, PROGRAMMES & DATA:**

- 66321 005.13 GHE/P On Display  
Programming language concepts / Ghezzi, Carlo. --New  
Delhi: Wiley, 2011
- 66296 005.432 BLU/L On Display  
Linux command line and shell scripting bible / Blum,  
Richard. --New Delhi: Wiley, 2013
- 66427 005.8 KLE/E On Display  
Embeded systems security: practical methods for safe  
and secure software and systems development  
/ Kleidermacher, David. --Amsterdam: Elsevier, 2012

**SPECIAL COMPUTER METHODS:**

- 66299 006.454 BEC/S On Display  
Speech recognition: theory and C++ implementation  
/ Becchetti, Claudio. --New Delhi: Wiley, 2011

**OTHER SOCIAL PROBLEM & SERVICES:**

- 66398 363.377 THO/F On Display  
Fire hazards in industry / Thomson, Norman. --Oxford  
: Butterworth Heinemann, 2002

**PROBABILITIES & APPLIED MATHEMATICS:**

- 66417 519.22 LIA/A On Display  
Applied stochastic processes / Liao, Ming. --Boca Raton  
: Taylor & Francis, 2014

**PHYSICS:**

- 66292 530.41 KIT/I On Display  
Introduction to solid state physics / Kittel, Charles.  
--New Delhi: Wiley, 2013
- 66409 530.41 WEI/P On Display  
Physics of materials / Weiss, Richard J. --New York  
: Hemisphere Publishing, 1990

**INORGANIC CHEMISTRY:**

- 66361 546.681 ENO/P On Display  
Physics and chemistry of graphene: graphene to  
nanographene / Enoki, Toshiaki, ed. --[s.l.]: Pan  
Stanford Publishing, 2013

**CRYSTALLOGRAPHY:**

- 66423 548.8 KEL/C On Display  
Crystallography and crystal defects / Kelly, Anthony.  
--Chichester: Wiley, 2012

**GEOLOGY, HYDROLOGY & METEOROLOGY:**

- 66320 551.49 CHI/R On Display  
Recent trends in water research: remote sensing and  
general perspective / Chidambaram, S., ed. --New Delhi  
: I K International, 2010

66310 551.49 TOD/G On Display  
Groundwater hydrology / Todd, David Keith. --New Delhi  
: Wiley, 2013

**ECONOMIC GEOLOGY:**

66311 553 KHA/A On Display  
Analytical methods for ores and minerals / Khawas, B.  
H. --New Delhi: I K International Publishing House  
, 2013

**PHYSIOLOGY & RELATED SUBJECTS:**

66366 571.6 DEB/S On Display  
Stem cell technologies: basics and applications / Deb,  
Kaushik D., ed. --New Delhi: Mcgraw Hill, 2010

**BIOCHEMISTRY:**

66431 572.8293 SRI/G On Display  
Genetics of bacteria / Srivastava, Sheela. --New Delhi  
: Springer, 2013

**ECOLOGY:**

66313 577.14 SUB/T On Display  
Textbook of environmental chemistry / Subramanian, V.  
--New Delhi: I. K. International Publishing House, 2011

66314 " On Display

66315 " On Display

66316 " On Display

66317 " On Display

66312 577.27 MAH/B On Display  
Bioremediation of pollutants / Maheshwari, D. K., ed.  
--New Delhi: I K International, 2012

66424 577 WAT/C On Display  
Current protocols select: methods and applications in  
microscopy and imaging / Watkins, Simon C., ed.  
--Hoboken: John Wiley, 2013

**MICROORGANISM, FUNGI & ALGAE:**

66408 579.37 SAL/L On Display  
Lactic acid bacteria: microbiology and functional  
aspects / Salminen, Seppo, ed. --New York: Marcel  
Dekker, 1998

66287 579.5 ALE/I On Display  
Introductory mycology / Alexopoulos, C. J. --New Delhi  
: Wiley, 2014

66428 579 HOG/E On Display  
Essential microbiology / Hogg, Stuart. --Chichester  
: John Wiley & Sons, 2013

**MEDICINE & HEALTH:**

- 66415 610.28 MIC/L On Display  
Laboratory course in tissue engineering / Micou,  
Melissa Kurtis. --Boca Raton: CRC Press, 2013
- 66418 610.28 RAM/B On Display  
Biomaterials and stem cells in regenerative medicines  
/ Ramalingam, Murugan, ed. --Boca Raton: CRC Press  
, 2012
- 66358 610.28 VAR/N On Display  
Nanomedicine: Design and applications of magnetic  
nanomaterials, nanosensors and nanosystems / Varadan,  
Vijay K. --Chichester: Wiley, 2008

**HUMAN PHYSIOLOGY:**

- 66436 612.0151 BUG/I On Display  
Introduction to enzyme and coenzyme chemistry / Bugg,  
T.D.H. --Chichester: Wiley, 2012
- 66413 612.87 SHA/T On Display  
Taste chemistry / Shallenberger, Robert S. --London  
: Blackie Academic & Professional, 1993

**THERMACOLOGY & THERAPEUTICS:**

- 66419 615.19 BAJ/C On Display  
Chemoinformatics: concepts, methods and tools for drug  
discovery / Bajorath, Jurgen, ed. --Totowa: Humana  
Press, 2004

**DISEASES:**

- 66435 616.96 BOG/H On Display  
Human parasitology / Bogitsh, Burton J. --Amsterdam  
: Elsevier, 2013

**ENGINEERING & ALLIED OPERATIONS:**

- 66318 620.00151 TAN/A On Display  
Advanced engineering mathematics / Taneja, H. C. --New  
Delhi: I. K. International, 2010
- 66337 620.00151825 DHA/F On Display  
Finite element method / Dhatt, Gouri. --Hoboken: Wiley  
, 2012
- 66290 620.00151825 THO/I On Display  
Introduction to the finite element method: theory,  
programming and applications / Thompson, Erik J. --New  
Delhi: Wiley, 2013
- 66335 620.00286 MAT/E On Display  
Engineering for sustainability / Mathaisel, Dennis F.  
X. --Boca Raton: CRC Press, 2013

66365	620.00420285 CHA/P Product performance evaluation: using CAD/CAE / Chang, Kuang - Hua. --Amsterdam: Academic Press, 2013	On Display
66368	620.00452 MAN/T Textbook of reliability and maintenance engineering / Manna, Alkesh. --New Delhi: I K International Publishing House, 2011	On Display
66369	"	On Display
66370	"	On Display
66371	"	On Display
66372	"	On Display
66331	620.118 BAL/C Composite materials and processing / Balasubramanian, M. --Boca Raton: CRC Press, 2014	On Display
66355	620.187 GUP/M Magnesium, magnesium alloys, and magnesium composites / Gupta, Manoj. --Hoboken: Wiley, 2011	On Display
66322	620.2 BER/A Acoustics: sound fields and transducers / Beranek, Leo L. --Amsterdam: Academic Press, 2012	On Display
66374	620.5 ALI/T Two-dimensional nanostructures / Aliofkhazraei, Mahmood. --Boca Raton: CRC Press, 2012	On Display
66286	620.5 POO/I Introduction to nanotechnology / Poole, Charles P. --New Delhi: Wiley, 2012	On Display
66319	621.3 JEN/B Basic electrical engineering / Jena, Debashisha. --New Delhi: Wiley, 2012	On Display
66308	621.31912 ARR/ H High voltage direct current transmission / Arrillaga, Jos. --London: The Institution of Engineering and Technology, 2012	On Display
<b>APPLIED PHYSICS:</b>		
66284	621.31924 DOR/I Introduction to electric circuits / Dorf, Richard C. --New Delhi: Wiley, 2014	On Display
66289	621.381 RAZ/F Fundamentals of microelectronics / Razavi, Behzad. --New Delhi: Wiley, 2013	On Display
66420	621.38152 HAW/C CMOS digital integrated circuits: a first course / Hawkins, Charles. --Edision: Scitech Publishing , 2013	On Display
66303	621.38152 SIN/S Solid-state devices and materials / Singh, R. K. --New	On Display

Delhi: Wiley, 2011

- 66422 621.381528 KOK/C On Display  
CMOS voltage reference: an analytical and practical  
perspective / Kok, Chi-Wah. --[s.l.]: John Wiley, 2013
- 66425 621.3815324 TAY/D On Display  
Digital filters: principles and applications with  
MATLAB / Taylor, Fred. --Hoboken: Wiley, 2012
- 66298 621.381537 HIL/I On Display  
Introduction to switching theory & logical design  
/ Hill, Fredric J. --New Delhi: Wiley, 2009
- 66430 621.382 FIT/F On Display  
Fundamentals of communications systems / Fitz, Michael  
P. --New York: Mcgraw Hill, 2007
- 66323 621.38212 PRA/A On Display  
Adaptive PHY-MAC Design for Broadband Wireless Systems  
/ Prasad, Ramjee. --[s.l.]: River Publishers, 2014
- 66411 621.3822 HAY/S On Display  
Signals and systems / Haykin, Simon. --New York: Wiley  
, 2003
- 66301 621.3822 HAY/S On Display  
Statistical digital signal processing and modeling  
/ Hayes, Monson H. --New Delhi: Wiley, 2009
- 66407 621.3848 RAM/K On Display  
Kalman filtering techniques for radar tracking  
/ Ramchandra, K .V. --New York: Marcel Dekker, 2000
- 66285 621.392 BOT/H On Display  
HDL programming: VHDL and verilog / Botros, Nazeih.  
--New Delhi: Dreamech Press, 2009
- 66345 621.4022 SAW/H On Display  
Heat and mass transfer / Sawhney, G. S. --New Delhi: I  
K International Publishing House, 2013
- 66346 " On Display
- 66347 621.4022 SAW/H On Display  
Heat and mass transfer / Sawhney, G. S. --New Delhi: I  
K International Publishing House, 2013
- 66348 " On Display
- 66349 " On Display
- 66397 621.82 ZAH/F On Display  
Fatigue design: life expectancy of machine parts  
/ Zahavi, Eliahu. --Boca Raton: CRC Press, 1996

**MILITARY & NAUTICAL ENGINEERING:**

- 66324 623.848 HEL/A On Display  
Advances in marine antifouling coatings and  
technologies / Hellio, Claire, ed. --New Delhi  
: Woodhead Publishing, 2009

**CIVIL ENGINEERING:**

- 66357 624.068 HAR/M On Display  
Modern construction management / Harris, Frank.  
--Chichester: Wiley, 2013
- 66332 624.0684 RAD/C On Display  
Construction management strategies: a theory of  
construction management / Radosavljevic, Milan.  
--Chichester: Wiley, 2012
- 66350 624.17 RAJ/I On Display  
Introduction to structural analysis & design / Rajan,  
S. D. --New Delhi: Wiley, 2013
- 66364 624.17 WYA/P On Display  
Principles of structure / Wyatt, Ken. --Boca Raton  
: CRC Press, 2013
- 66373 624.171 MAR/T On Display  
Theory of structures: fundamentals, framed structures,  
plates and shells / Marti, Peter. --Berlin: Wiley, 2013
- 66325 624.171 MUT/B On Display  
Basic structural analysis / Muthu, K. U. --New Delhi  
: I. K. International Publishing House, 2012
- 66326 " On Display
- 66327 " On Display
- 66328 " On Display
- 66329 " On Display
- 66297 624.171 WES/ F On Display  
Fundamentals of structural analysis / West, Harry H.  
--New Delhi: Wiley, 2013
- 66375 624.252 XU/W On Display  
Wind effects on cable-supported bridges / Xu, You-Lin.  
--[s. l.]: Wiley, 2013

**OTHER BRANCHES OF ENGINEERING:**

- 66416 629.232 ROW/A On Display  
Advanced materials in automotive engineering / Rowe,  
Jason, ed. --Oxford: Woodhead publishing, 2012

**TECHNIQUES, EQUIPMENT & MATERIALS:**

- 66294 631.587 RAG/I On Display  
Irrigation engineering / Raghunath, H. M. --New Delhi  
: Wiley, 2011

**GENERAL MANAGEMENT:**

- 66338 658.1552 MUK/F On Display  
Function analysis system technique: a stimulating tool  
/ Mukhopadhyaya, Anil Kumar. --New Delhi: I K  
International Publishing House, 2012
- 66339 " On Display

66340	"	On Display
66341	"	On Display
66342	"	On Display
66295	658.3 DEC/H Human resource management / Decenzo, David A. --New Delhi: Wiley, 2014	On Display
66293	658.3 GUP/H Human resource management / Gupta, P. K. --New Delhi : Dreamtech Press	On Display
66302	658.3 SCH/S Strategic human resource management / Schuler, Randall S. --New Delhi: Wiley, 2008	On Display
66309	658.3 SEN/H Human resource management / Sengupta, Debashish. --New Delhi: Biztantra, 2012	On Display
66288	658.4038 DEB/K Knowledge management / Debowski, Shelda. --New Delhi : Wiley, 2007	On Display
66300	658.562 MON/S Statistical quality control: a modern introduction / Montgomery, Douglas C. --New Delhi: Wiley, 2012	On Display
66353	658.575 NAG/I Innovations of kansei engineering / Nagamachi, Mitsuo. --Boca Raton: CRC Press, 2011	On Display
66354	"	On Display
66351	658.575 NAG/K Kansei/affective engineering / Nagamachi, Mitsuo, ed. --Boca Raton: CRC Press, 2011	On Display
66352	"	On Display
66433	658.802 IAN/G Greener products: the making and marketing of sustainable brands / Iannuzzi, Al. --Boca Raton: CRC Press, 2012	On Display
66291	658 PIT/I Introduction to management / Pithadia, Vijay. --New Delhi: Biztantara, 2012	On Display
<b>CHEMICAL ENGINEERING:</b>		
66406	660.284245 TIE/I Introduction to cake filtration: analyses, experiments and applications / Tien. Chi. --Amsterdam: Elsevier , 2006	On Display
<b>EXPLOSIVES, FUELS &amp; RELATED PRODUCTS:</b>		
66334	662.2 TEI/E Energetic materials: processing and characterization of particles / Teipel, Ulrich, ed. --Weinheim: Wiley- VCH, 2005	On Display



**BEVERAGE TECHNOLOGY:**

66414 663.2001579 DEL/W On Display  
Wine microbiology: science and technology / Delfini,  
Claudio. --New York: Marcel Dekker, 2001

**FOOD TECHNOLOGY:**

66401 664.00286 HUI/F On Display  
Food plant sanitation / Hui, Y. H., ed. --New York  
: Marcel Dekker, 2003

66402 664.00286 OWU/F On Display  
Food protein analysis: quantitative effects on  
processing / Owusu-Apenten, R. K. --New York: Marcel  
Dekker, 2002

66399 664.024 FRI/F On Display  
Food emulsions / Friberg, Stig E., ed. --New York  
: Marcel Dekker, 1997

66378 664.7 MAT/B On Display  
Bakery technology and engineering / Matz, Samuel A.  
--New York: Van Nostrand Reinhold, 1992

66410 664.9497 HAA/S On Display  
Seafood enzymes: utilization and influence on  
postharvest seafood quality / Haard, Norman F., ed.  
--New York: Marcel Dekker, 2000

**INDUSTRIAL OILS, FATS, WAX & GASES:**

66377 665.4 USM/A On Display  
Asphalt science and technology / Usmani, Arthur M.,  
ed. --New York: Marcel Dekker, 1997

**TECHNOLOGY OF OTHER ORGANIC PRODUCTS:**

66343 668.41 DEL/G On Display  
Generating micro-and nanopatterns on polymeric  
materials / Del Campo, Aranzazu, ed. --Weinheim: Wiley  
, 2011

66362 668.423 SCH/P On Display  
Polymer crystallization: the development of  
crystalline order in thermoplastic polymers / Schultz,  
Jerold M. --New York: Oxford University Press, 2001

**METALLURGY:**

66336 669.291 GUP/E On Display  
Extractive metallurgy of rare earths / Gupta, C. K.  
--Boca Raton: CRC Press, 2005

**MANUFACTURING:**

66367 670.427 SOL/S On Display  
Sensors and control systems in manufacturing  
/ Soloman, Sabrie. --New York: Tata Mcgraw Hill, 2010

**METAL WORKING & PRIMARY METAL PRODUCTS:**

66363 671.37 UPA/P On Display  
Powder metallurgy: science , technology and materials  
/ Upadhyaya, Anish. --Boca Raton: CRC Press, 2011

**BUILDINGS:**

66360 690 SIM/O On Display  
Olin's construction: principles, materials, and methods  
/ Simmons, H. Leslie. --Hoboken: Wiley, 2011

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