

CENTRE FOR ENERGY STUDIES

BU/CES

1. Murray, Raymond L.

Nuclear energy: an introduction to the concepts, systems, and applications of nuclear processes / by Raymond L. Murray and Keith E. Holbert. - 8th ed. - Oxford: Elsevier/ BH, 2020. xvii, 606.

ISBN : 9780128128817. : Rs. 7196.40.

** 1. Nuclear energy 2. Nuclear engineering.I. Holbert, Keith E. II. Title

621.039 MUR-N

CENTRE FOR RURAL DEVELOPMENT & TECHNOLOGY

BU/CRDT

2. Biofuels, bioenergy and food security: technology, institutions and policies / edited by Deepayan Debnath and Suresh Chandra Babu. - London: Elsevier/Academic Press, 2019.

xvii, 272p.(Public policy and global development for food security series).

ISBN : 9780128039540. : Rs. 7196.40 (Each copy).

** 1. Biomass energy 2. Food security 3. Energy crops 4. Energy policy.I. Debnath, Deepayan, Ed. II. Babu, Suresh Chandra, Ed. III. Title IV. Series

620.925:338.43 -BIO

BU/CRDT

3. Chelladurai, V.

Nanoscience and nanotechnology in foods and beverages / by V. Chelladurai and Digvir S. Jayas. - Boca Raton: CRC Press, 2019. xvii, 326p.

ISBN : 9781498760638. : Rs. 12166.70.

**1. Food industry and trade-technological innovations 2. Nanoscience 3. Nanostructured materials 4. Nanotechnology.I. Jayas, Digvir S. II. Title

664:620.3 CHE-N

CHEMISTRY

BU/CHY

4. Elias, Anil J

Chemistry of the p-Block elements: syntheses, reaction and applications / by Anil J Elias. - Hyderabad: Universities Press/ Orient Blackswan, 2019. xxiii, 624p.

ISBN : 9789386235718. : Rs. 1095.00 (Each copy).

** 1. Chemistry and Chemical technology 2. Chemical compounds.I. Title

546.1/.9 ELI-C

BU/CHY

5. Ahluwalia, V.K.

Stereochemistry of organic compounds / by V.K. Ahluwalia. - New Delhi: Ane Books, 2019. xxii, 529p.

ISBN : 9789388264532. : Rs. 1995.00 (Each copy).

** 1. Organic compounds.I. Title

547-3:544.12 AHL-S

BU/CHY

6. Lockhart, Shawna

Engineer's introduction to programming with MATLAB 2019 / by Shawna Lockhart and Eric Tilleson. - New York: SDC Publications, 2019. iv, GS-6, 244p.
ISBN : 9781630572921. : Rs. 5042.67.

**1. Numerical analysis - Computer programs. 2. Engineering mathematics - Data processing. 3. MATLAB.I. Tilleson, Eric II. Title

681.3.06M LOC-E

CIVIL ENGINEERING**BU/CE**

7. Kurrer, Karl-Eugen

History of the theory of structures: searching for equilibrium / by Karl-Eugen Kurrer. - 2nd ed. - Berlin: Ernst & Sohn/ Wiley, 2018. xxix, 1212p.(Construction history series).
ISBN : 9783433032299. : Rs. 11448.72.

** 1. Structural analysis (Engineering).I. Title II. Series

624.04 KUR-H

BU/CE

8. Pavement drainage: theory and practice / G. L. Sivakumar Babu...(et.al.). - Boca Raton: CRC Press, 2020.

xviii, 236p.

ISBN : 9780815353607. : Rs. 9414.00.

**1. Road drainage 2. Runoff.I. Babu, G. L. Sivakumar II. Title

625.8 -PAV

COMPUTER SCIENCE & ENGINEERING**BU/CSE**

9. Shapira, Yair

Linear algebra and group theory for physicists and engineers / by Yair Shapira. - Switzerland: Birkhauser, 2019. xxxi, 441p.
ISBN : 9783030178550. : Rs. 4019.70.

**1. Linear algebra 2. Group theory.I. Title

512.54 SHA-L

BU/CSE

10. Zaslavski, Alexander J.

Algorithms for solving common fixed point problems / by Alexander J. Zaslavski. - Switzerland: Springer, 2018. viii, 316p.(Springer optimization and its applications, 132).
ISBN : 9783319774367. : Rs. 6432.00.

**1. Mathematics 2. Numerical analysis 3. Operator theory.I. Title II. Series

515.126.4:510.5 ZAS-A

BU/DCSE

11. Goldreich, Oded

Introduction to property testing / by Oded Goldreich. - Cambridge: Cambridge, 2017.
xxv, 445p.
ISBN : 9781107194052. : Rs. 6495.07.

**1. Structural analysis (Engineering) 2. Computer algorithms 3. Algorithms.I. Title
620.1 GOL-I

ELECTRICAL ENGINEERING**BU/EE**

12. Energy harvesting with functional materials and microsystems / edited by Madhu Bhaskaran, Sharath Sriram and Krzysztof Iniewski. - Boca Raton: CRC Press, 2017.

xiv, 275p.(Devices, circuits and systems).
ISBN : 9781138074101. : Rs. 6176.00.

**1. Power electronics 2. Microelectronics-Power supply 3. Energy harvesting.I. Bhaskaran, Madhu, Ed. II. Sriram, Sharath, Ed. III. Iniewski, Krzysztof, Ed. IV. Title V. Series
621.311 -ENE

HUMANITIES & SOCIAL SCIENCES**BU/HSS**

13. Modernity and changing social fabric of Punjab and Haryana / edited by Yogesh Snehi and Lallan S. Baghel. - Delhi: Primus Books, 2018.

xii, 453p.
ISBN : 9789386552983. : Rs. 1295.00.

**1. India - Punjab 2. India - Haryana 3. Politics and government 4. Social conditions.I. Snehi, Yogesh, Ed. II. Baghel, Lallan S., Ed. III. Title
316.4:954(15+21) -MOD

BU/HSS

14. Employment, social protection and inclusive growth in South Asia / edited by Dev Nathan and Akhilesh K. Sharma. - New Delhi: South Asia Press, 2017.

xxii, 331p.
ISBN : 9788193610428. : Rs. 1295.00.

**1. Employment-South Asia 2. Labor supply-South Asia 3. South Asia-Social policy.I. Nathan, Dev, Ed. II. Sharma, Akhilesh K., Ed. III. Title
331.5(5-12) -EMP

BU/HSS

15. Greenawalt, Kent

Religion and the constitution / by Kent Greenawalt. - New Jersey: Princeton University Press, 2008. x, 555p.

V.2: Establishment and fairness.

ISBN : 9780691141145. : Rs. 2823.88.

**1. Church and state 2. Freedom of religion 3. Law.I. Title
342:200 GRE-R

BU/HSS

16. Dicey, A.V

Oxford edition of dice / by A.V. Dicey. - Oxford: Oxford University Press, 2013. v.

V.1: Lectures introductory to the study of the law of the consitution.

V.2: Lectures on comparative constitutionalism.

ISBN : 9780199579822;9780199579822. : Rs. 15478.68 (Set price).

**1. Consitution.I. Allison, J.W.F, Ed. II. Title

342.4 DIC-O**BU/HSS**

17. Ricoeur, Paul

Time and narrative / by Paul Ricoeur. - Chicago: University of Chicago Press, 1990.

355p.

V.3.

ISBN : 9780226713366. : Rs. 1967.63.

**1. Narration (Rhetoric) 2. Plots (Drama, novel, etc.) 3. Time in literature.I. Title

8(09) RIC-T**BU/HSS**

18. Ricoeur, Paul

Time and narrative / by Paul Ricoeur. - Chicago: University of Chicago Press, 1990. xii,

274p.

V.1.

ISBN : 9780226713328. : Rs. 1512.00.

** 1. Narration (Rhetoric) 2. Plots (Drama, novel, etc.) 3. Time in literature.I. Title

8(09) RIC-T**BU/HSS**

19. Ricoeur, Paul

Time and narrative / by Paul Ricoeur. - Chicago: University of Chicago Press, 1985. vii,

208p.

V.2.

ISBN : 9780226713342. : Rs. 1440.00.

**1. Narration (Rhetoric) 2. Plots (Drama, novel, etc.) 3. Time in literature.I. Title

8(09) RIC-T**IIT HOSPITAL****BU/IITH**

20. API textbook of medicine / edited by Sandhya A Kamath. - 11th ed. - New Delhi: CBS

Publishers & Distributors, 2019.

v.p.

V: 1-2.

ISBN : 9788193976401. : Rs. 6500.00 (Set price).

**1. Medicine-Textbooks. 2. Medicine.I. Kamath, Sandhya K, Ed. II. Title

616 -API

MANAGEMENT STUDIES

BU/MS

21. Harrington, H. James

Creativity, Innovation and Entrepreneurship: the only way to renew your organization / by H. James Harrington. - Boca Raton: CRC Press, 2019. xli, 255p.(Little big book series).

ISBN : 9781466582453. : RS. 1807.46 (Each copy).

**1. Creative ability in business 2. Technological innovations 3. Entrepreneurship.I. Title II. Series

005.591.6 HAR-C

BU/MS

22. Wendt, Karen

Sustainable financial innovation / edited by Karen Wendt. - Boca Raton: CRC Press, 2019. vi, 308p.

ISBN : 9781498796736. : Rs. 6025.30.

**1. Risk management 2. Sustainable development 3. Capitalism - Social aspects.I. Karen, Wendt, Ed. II. Title

336 -SUS

BU/MS

23. Brooks, Chris

Introductory econometrics for finance / by Chris Brooks. - 4th ed. - Cambridge: Cambridge, 2019. xxxi, 696.

ISBN : 9781108436823. : Rs. 4758.04 (Each copy).

**1. Econometrics 2. Finance-Econometric models.I. Title

336:330.43 BRO-I

BU/MS

24. Buglear, John

Stats means business: statistical and business analytics for business, hospitality and tourism / by John Buglear and Adrian Castell. - 3rd ed. - Oxon: Routledge, 2019. xiv, 294p.

ISBN : 9781138588226. : Rs. 3858.80.

**1. Hospitality industry - Statistics 2. Tourism - Statistics.I. Castell, Adrian II. Title

338.48:519.2 BUG-S

BU/MS

25. Big data and innovation in tourism, travel, and hospitality: managerial approaches, technique, and applications / edited by Marianna Sigala, Roya Rahimi and Mike Thelwall. - Singapore: Springer, 2019.

xi, 223p.

ISBN : 9789811363382. : Rs. 8847.60.

**1. Big data 2. Tourism - Technological innovations 3. Tourism.I. Sigala, Marianna, Ed. II. Rahimi, Roya, Ed. III. Thelwall, Mike, Ed. IV. Title

338.48:681.3 -BIG

BU/MS

26. Junghenn, Hugo D.

Introduction to financial mathematics: option valuation / by Hugo D. Junghenn. - 2nd ed. - Boca Raton: CRC Press, 2019. xiii, 303p.(Chapman and Hall/CRC financial mathematics series).

ISBN : 9780367208820. : Rs. 8328.57.

**1. Finance - Mathematical models 2. Options (Finance) 3. Business mathematics.I. Title II. Series

519.86 JUN-I

BU/MS

27. Qian, Edward E.

Portfolio rebalancing / by Edward E. Qian. - Boca Raton: CRC Press, 2019. xiv, 248p.(Chapman and Hall/CRC financial mathematics series).

ISBN : 9781498732444. : Rs. 7137.55.

** 1. Portfolio management - Mathematical models 2. Portfolio management - Mathematics.I. Title II. Series

519.86 QIA-P

BU/MS

28. Qian, Edward E.

Portfolio rebalancing / by Edward E. Qian. - Boca Raton: CRC Press, 2019. xiv, 248p.(Chapman and Hall/CRC financial mathematics series).

ISBN : 9781498732444. : Rs. 7061.06.

** 1. Portfolio management - Mathematical models 2. Portfolio management - Mathematics.I. Title II. Series

519.86 QIA-P

BU/MS

29. Roman, Jan R. M.

Analytical finance / by Jan R. M. Roman. - Switzerland: Palgrave, 2017. xxvii, 492p.

V.1: Mathematics of equity derivatives, markets, risk and valuation.

ISBN : 9783319340265. : Rs. 5627.90.

** 1. Derivative securities - Mathematical models 2. Interest rates - Mathematical models 3. Finance - Mathematical models.I. Title

519.86 ROM-A

BU/MS

30. Roman, Jan R. M.

Analytical finance / by Jan R. M. Roman. - Switzerland: Palgrave Macmillan, 2017. xxxi, 728p.

V.2: Mathematics of interest rate derivatives, markets, risk and valuation.

ISBN : 9783319525839. : Rs. 5609.00.

** 1. Derivative securities - Mathematical models 2. Interest rates - Mathematical models 3. Finance - Mathematical models.I. Title

519.86 ROM-A

BU/MS

31. Wu, Lixin

Interest rate modeling: theory and practices / by Lixin Wu. - 2nd ed. - Boca Raton: CRC Press, 2019. xxiii, 494p.(Chapman and Hall/CRC financial mathematics series).
ISBN : 9780815378914. : Rs. 9039.36.

**1. Interest rates-Mathematical models 2. Interest rate futures-Mathematical models.I. Title II. Series

519.86 WU-I**BU/MS**

32. Isson, Jean Paul

Unstructured data analytics: how to improve customer acquisition, customer retention and fraud detection and prevention / by Jean Paul Isson. - Hoboken: John Wiley, 2018. xxiii, 408p.
ISBN : 9781119129752. : Rs. 3616.38 (Each copy).

**1. Business planning 2. Industrial management-Statistical methods.I. Title

658:681.3 ISS-U**BU/MS**

33. Tworek, Katarzyna

Aligning IT and business: fostering organizational performance, employees' commitment and quality of management methods / by Katarzyna Tworek. - Switzerland: Springer, 2019. xiii, 221p.(Business information systems).
ISBN : 9783030115623. : Rs. 8043.20.

**1. Management information systems 2. Business - Data processing 3. Information technology - Management.I. Title II. Series

658:681.3 TWO-A**BU/MS**

34. Unhelkar, Bhuvan

Big data strategies for agile business / by Bhuvan Unhelkar. - Boca Raton: CRC Press, 2018. li, 503p.
ISBN : 9781498724388. : Rs. 5935.71.

**1. Management-Statistical methods 2. Big data 3. Strategic planning.I. Title

658:681.3 UNH-B**BU/MS**

35. Business strategies for sustainability / edited by Helen Borland.(et.al.). - Oxon: Routledge, 2019.

xxxvi, 423p.
ISBN : 9781138311343. : Rs. 4237.20.

**1. Management - Environmental aspects 2. Sustainable development.I. Borland, Helen, Ed. II. Title

658.56 -BUS

BU/MS

36. Abratt, Russell

Strategic Marketing: concepts and cases / by Russell Abratt and Michael Bendixen. - Oxon: Routledge, 2019. x, 147p.
ISBN : 9781138593640. : Rs. 2823.26.

**1. Marketing-management 2. Strategic planning 3. Decision making.I. Bendixen, Michael II. Title

658.8 ABR-S**BU/MS**

37. Maison, Dominika

Qualitative marketing research: understanding consumer behaviour / by Dominika Maison. - Oxon: Routledge, 2019. vii, 237p.
ISBN : 9781138607767. : Rs. 3293.96 (Each copy).

** 1. Marketing research 2. Qualitative research.I. Title

658.8:005.52 MAI-Q**MATHEMATICS****BU/MA**

38. Olver, Peter J.

Applied linear algebra / by Peter J. Olver and Chehrzad Shakiban. - 2nd ed. - Switzerland: Springer, 2018. xxv, 679p.(Undergraduate texts in mathematics).
ISBN : 9783319910406. : Rs. 4825.60.

**1. Algebras, linear.I. Shakiban, Chehrzad II. Title III. Series

512.64 OLV-A**BU/MA**

39. Bornemann, Folkmar

Numerical linear algebra: a concise introduction with MATLAB and Julia / by Folkmar Bornemann. - Switzerland: Springer, 2018. x, 153p.(Springer undergraduate mathematics series).
ISBN : 9783319742212. : Rs. 3619.00.

**1. Mathematics 2. Matrix theory 3. Algebra.I. Title II. Series

512.64:681.3.06M BOR-N**BU/MA**

40. Lee, John M.

Introduction to Riemannian manifolds / by John M. Lee. - 2nd ed.. - Switzerland: Springer, 2018. xiii, 437p.(Graduate texts in mathematics).
ISBN : 9783319917542. : Rs. 5208.30.

**1. Riemannian manifolds.I. Title II. Series

514.764.2 LEE-I

BU/MA

41. Lamagna, Edmund A.

Computer algebra: concepts and techniques / by Edmund A. Lamagna. - Boca Raton: CRC Press, 2019. xx, 349p.

ISBN : 9781138093140. : Rs. 7055.79.

** 1. Algebra - Data processing.I. Title

519.61 LAM-C

MECHANICAL ENGINEERING**BU/ME**

42. Variational analysis and set optimization: developments and applications in decision making / edited by Akhtar A. Khan, Elisabeth Kobis and Christiane Tammer. - Boca Raton: CRC Press, 2019.

xi, 324p.

ISBN : 9781138037267. : RS.12937.40.

**1. Mathematical analysis 2. Mathematical optimization 3. Calculus of variations.I. Khan, Akhtar A., Ed. II. Kobis, Elisabeth, Ed. III. Tammer, Christiane, Ed. IV. Title

517.9 -VAR

BU/ME

43. Nanofluids and their engineering applications / edited by K.R.V Subramanian, Tubati Nageswara Rao and Avinash Balakrishnan. - Boca Raton: CRC Press, 2020.

xviii, 497p.

ISBN : 9781138605268. : Rs. 13399.45.

**1. Nanofluids. 2. Technology & Engineering / Engineering (General).I. Subramanian, K.R.V, Ed. II. Rao, Tubati Nageswara, Ed. III. Balakrishnan, Avinash, Ed. IV. Title

532:620.3 -NAN

BU/ME

44. Li, Zhigang

Nanofluidics: an introduction / by Zhigang Li. - Boca Raton: CRC Press, 2019. xvii, 410p.

ISBN : 9781138035515. : 10169.28.

**1. Nanofluids.I. Title

620.3 LI-N

BU/ME

45. Sidpara, Ajay M.

Micro electro discharge machining: principles and applications / by Ajay M. Sidpara and Ganesh Malayath. - Boca Raton: CRC Press, 2020. xix, 277p.(Micro and nanomanufacturing series).

ISBN : 9781138613072. : Rs. 9610.64.

**1. Micro-electro discharge machining.I. Malayath, Ganesh II. Title III. Series

621.9:620.3 SID-M

PHYSICS

BU/PH

46. Patterson, James D.

Solid-state physics: introduction to the theory / by James D. Patterson and Bernard C. Bailey. - 3rd. - Switzerland: Springer, 2018. xxv, 954.

ISBN : 9783319753218. : Rs. 8844.30.

** 1. Solid state physics 2. Physics.I. Bailey, Bernard C. II. Title

539.2 PAT-S

BU/PH

47. Zhuiykov, Serge

Nanostructured Semiconductors / by Serge Zhuiykov. - 2nd ed.. - Duxford: Woodhead Publishing, 2018. xvi, 550p.(Woodhead Publishing series in electronic and optical materials).

ISBN : 9780081019191. : Rs. 21007.60.

**1. Nanostructured materials 2. Nanotechnology 3. Semiconductors 4. Metal oxide semiconductors 5. Semiconductor nanocrystals.I. Title II. Series

621.382:620.3 ZHU-N

SCHOOL OF BIOLOGICAL SCIENCES

BU/SBS

48. Principles of development / by Lewis Wolpert...(et.al.). - 5th ed. - Oxford: Oxford University Press, 2015.

xiii, 634p.

ISBN : 9780198748670. : Rs. 1530.00 (Each copy).

** 1. Developmental biology.I. Wolpert, Lewis II. Title

576.3 -PRI

BU/SBS

49. Lostroh, Phoebe

Molecular and cellular biology of viruses / by Phoebe Lostroh. - Boca Raton: Garland Science, 2019. xvi, 501p.

ISBN : 9780815345237. : Rs. 5614.46.

** 1. Molecular virology 2. Cytology.I. Title

578 LOS-M

BU/SBS

50. Bellairs, Ruth

Atlas of chick development / by Ruth Bellairs and Mark Osmond. - 3rd ed. - Amsterdam: Elsevier, 2014. xxxii, 660p.

ISBN : 9780123849519. : Rs. 14500.00.

**1. Chickens - Embryos 2. Chickens--Development 3. Chickens - Embryology.I. Osmond, Mark II. Title

598.261.7:591.33 BEL-A

BU/SBS

51. Essentials of stem cell biology / edited by Robert Lanza & Anthony Atala. - 3rd ed. - Amsterdam: Elsevier/ Academic Press, 2014.
xxviii, 680p.
ISBN : 9780124095038. : Rs. 14496.38 (Each copy).

**1. Stem cells 2. Embryo Research 3. Tissue Engineering.I. Lanza, Robert, Ed. II. Atala, Anthony, Ed. III. Title

602.9 -ESS

BU/SBS

52. Imaging in neuroscience: a laboratory manual / edited by Fritjof Helmchen and Arthur Konnerth. - New York: CSHL Press, 2011.
xx, 1084.
ISBN : 9780879699383. : Rs. 14500.00.

** 1. Nervous system - Imaging 2. Brain - Imaging 3. Neurosciences.I. Helmchen, Fritjof, Ed. II. Konnerth, Arthur, Ed. III. Title

612.82 -IMA

TEXTILE TECHNOLOGY**BU/TT**

53. Berns, Roy S.
Billmeyer and Saltzman's principles of color technology / by Roy S. Berns. - 4th ed. - Hoboken: John Wiley, 2019. xii, 253.
ISBN : 9781119367222. : Rs. 10793.56 (Each copy).

** 1. Color 2. Colorimetry.I. Title

677 BER-B

BU/TT

54. Mishra, Rajesh
Nanotechnology in textiles: theory and application / by Rajesh Mishra and Jiri Militky. - United Kingdom: Woodhead Publishing, 2019. xi, 399(Textile Institute Book series).
ISBN : 9780081026090. : Rs. 21750.00.

**1. Textile fabrics-Technological innovations 2. Nanostructured materials 3. Nanofibers 4. Nanotechnology.I. Militky, Jiri II. Title III. Series

677:620.3 MIS-N

BU/TT

55. Hu, Hong
Auxetic Textiles / by Hong Hu. - United Kingdom: Woodhead Publishing/ Elsevier, 2019. vii, 358p.(Textile Institute book series).
ISBN : 9780081022115. : Rs. 15225.00.

**1. Textiles.I. Zhang, Minglonghai II. Liu, Yanping III. Title IV. Series

677.01 HU-A

BU/TT

56. Montazer, Majid

Nanofinishing of textile materials / by Majid Montazer and Tina Harifi. - Duxford: Elsevier/ Woodhead Publishing, 2019. ix, 340p.(Textile Institute book series). ISBN : 9780081012147. : Rs. 18125.00.

**1. Textile finishing 2. Nanotechnology 3. Nanomanufacturing.I. Hafiri, Tina II. Title III. Series

677.01:620.3 MON-N

BU/TT

57. Montazer, Majid

Nanofinishing of textile materials / by Majid Montazer and Tina Harifi. - Duxford: Elsevier/ Woodhead Publishing, 2018. ix, 340p.(Textile Institute book series). ISBN : 9780081012147. : Rs. 17875.00.

**1. Textile finishing 2. Nanotechnology 3. Nanomanufacturing.I. Hafiri, Tina II. Title III. Series

677.01:620.3 MON-N

BU/TT

58. Structure and mechanics of textile Fibre assemblies / edited by Peter Schwartz. - 2nd ed. - Duxford: Elsevier, 2019.

xii, 358p.(Textile institute book series). ISBN : 9780081026199. : Rs. 17037.50.

**1. Textile Fibre.I. Schwartz, Peter, Ed. II. Title III. Series

677.1/.5 -STR

BU/TT

59. Long, James Thomas

New munsell student color set / by James Thomas Long. - 5th ed. - New York: Bloomsbury, 2017. xiii, 139p. ISBN : 9781501327520. : Rs. 7392.80.

** 1. Color-Study and teaching 2. Color.I. Reed, Ron, Ed. II. Title

7.017 LON-N