# NIEIT Library and Information Centre

## NEW ARRIVALS- EVEN SEMESTER -2019-20

### Department of ECE

| SL NO | Acc.No | Author | Title | Edition | Publication |
|---|---|---|---|---|---|
| 1 | 20186-195 | Richard H Williams | Probability, Statistics and Random Processes for Engineers | 1 | Cengage Learning |
| 2 | 20155-164 | Gilbert Strang | Linear Algebra and its Applications | 4 | Cengage Learning |
| 3 | 19811-830 | Joseph Yiu | The Definitive Guide to the ARM Cortex-M3 | 3 | Newnes |
| 4 | 20066-070 | Forouzan | Data Communications and Networking | 5 | McGraw Hill |
| 5 | 20081-084 | Satish Kumar | Neural Networks A Classroom Approach | 2 | McGraw Hill Education |
| 6 | 20071-080 | Arunabha Ghosh, Jan Zhang, | Fundamentals of LTE | - | Prentice Hall, |
| 7 | 20085-094 | Donald.A.Neamen & Dhrubes Biswas | Semiconductor Physics and Devices | 4th ed,2012 | McGraw Hill Education |

### Department of EEE

| SL NO | Acc.No | Author | Title | Edition | Publication |
|---|---|---|---|---|---|
| 1 | 20230-239 | Mathew N. O Sadiku | Engineering Electromagnetics | 8th ed, 2014 | oxford |
| 2 | 20042-054 | Katsuhiko Ogata | Modern Control Systems | Latest | Pearson |
| 3 | 20240-249 | V.U.Bakshi & U.A.Bakshi | Control Systems | Latest | |
| 4 | 20014-023 | Anand Kumar | Control Systems | Latest | PHI |
| 5 | 20011-013 | Farid Golnaraghi, | Automatic Control Systems | Latest | Wiley |
| 6 | 20055-057 | Richard C Dorf etal | Modern Control Systems | Latest | Pearson |
| 7 | 20024-025 | M. Gopal | Control Systems: Principles and Design | Latest | McGraw-Hill |
| 8 | 20292-294 | Norman S. Nise | Control System Engineering | Latest | Wiley |
| 9 | 20165-174 | A.P Godse, & Dr. D.A. Godse | Micro-Controllers | 2017 | Technical Publications |
| 10 | 20058-060 | Steven M. Kay, | Modern spectral estimation theory and application | | Prentice Hall, |
| 11 | 20295-299 | L. Umanand | Power Electronics: Essentials & Applications | | Wiley |
| 12 | 20061-065 | Arrillaga J., Smith B. C., Watson N. R. | Power System Harmonic Analysis | 2nd Ed.2008, | Wiley India. |
| 13 | 20130-135 | R.K Rajput S. | Electrical and Electronic Measurements and instrumentation | 3rd Ed, 2013. | Chand |
| 14 | 20026-031 | E.A. Doebelin | Measurement Systems: Application and Design | | Mc. Graw Hill |
| 15 | 20250-255 | A.K. Sawhney | A course in Electrical Machine design | 6th ed,, 2013 | Dhanpat Rai |

| 16 | 20202-204 | M.G. Say | Performance and Design of Alternating Current Machines | 3$^{rd}$ ed, 2002 | CBS Publisher |
| 17 | 20032-037 | Vedam Subrahmanyam | Electrical Drives: Concepts and Applications | 2$^{nd}$ ed, 2011 | McGraw Hill |
| 18 | 20038-041 | Math Bollen | Integration of Distributed Generation in the Power System | 2011 | Wiley |

## Department of Computer Science & Engg.

| 1 | 19996-20005 | Anany Levitin | Introduction to the Design and Analysis of Algorithms | 2rd Ed, 2009 | Pearson |
| 2 | 19968-977 | Ellis Horowitz, Satraj Sahni | Computer Algorithms/C++ | 2$^{nd}$ Ed,2014, | Universities Press |
| 3 | 19990-995 | Shibu K V | Introduction to Embedded System | 2nd Ed | Tata McGraw Hill |
| 4 | 20215-219 | Andrew N Sloss, Dominic Symes | ARM system developers guide | 2008. | Elsevier, Morgan Kaufman publishers |
| 5 | 19978-983 | Behrouz A. Forouzan | Data Communications and Networking | 5th Edition | Tata McGraw-Hill, |
| 6 | 19796-800 | Bernard Menezes | Cryptography, Network Security and Cyber Laws | 2010 edition | Cengage Learning, |
| 7 | 19801-810 | Jiawei Han, Micheline Kamber | Data Mining -Concepts and Techniques | 3rd Ed, ,2012 | Morgan Kaufmann |
| 8 | 20006-20010 | David Hanes Gonzalo Salgueiro, | IOT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things. | 1st Edition, | Pearson Education |
| 9 | 19984-988 | Jerry Banks, John S. Carson II, Barry | Discrete-Event System Simulation | 5$^{th}$ Ed,2010. | Pearson Education, |
| 10 | 19989 | Arshdeep Bahga, Vijay | Internet of Things: A hands on Approach | 2015 | Universities press |
| 11 | 20325 | John Arunder and justin Domingus | Cloud Native Devops with Kubernetes | 1st edition | O'Reilly' |

## Department of Information Science & Engg.

| 1 | 19948-957 | Anany Levitin | Introduction to the Design and Analysis of Algorithms | 2rd Edition, 2009, | Pearson |
| 2 | 19886-895 | Ellis Horowitz, Satraj Sahni | Computer Algorithms / C++ | 2nd Edition,2014, | Universities Press |
| 3 | 20205-214 | Andrew N Sloss, Dominic Symes | ARM system developers guide | 8th | Elsevier |
| 4 | 19938-947 | Shibu KV, | Introduction to Embedded Systems | 2nd Edition, | Tata Mcgrah Hill |
| 5 | 20180-185 | Sourav Sahay | Object Oriented Programming with C++ | 2nd Ed, 2006 | Oxford University Press, |
| 6 | 19958-967 | Herbert Scheldt | Java The Complete Reference | 7th Edition2007, | Tata McGraw Hill,. |
| 7 | 19906-915 | Behrouz A. Forouzan | Data Communications and Networking | 5th Edition2013, | Tata McGraw Hill, |
| 8 | 19831-836 | Bernard Menezes | Cryptography, Network Security and Cyber Laws | 2010 edition | Cengage Learning |
| 9 | 19843-848 | Michael J. Folk, Bill Zoellick, | File Structures-An Object Oriented approach with C++ | 3rd / 4$^{th}$, Ed 2019 | Pearson Education |
| 10 | 20196-201 | Paul C. Jorgensen | Software Testing, A Craftsman's Approach | 3$^{rd}$ ed, 2008 | Auerbach Publ |
| 11 | 19926-931 | Aditya P Mathur | Foundations of Software Testing, | 2008 | Pearson Education, |
| 12 | 19932-937 | Pang-Ning Tan, Michael Steinbach, | Introduction to Data Mining | 2011, .First | Pearson, |

| 13 | 19837-842 | Jiawei Han, Micheline Kamber, | Data Mining -Concepts and Techniques | 3rd Ed, 2012 | Morgan Kaufmann |
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| 14 | 20326-331 | Charles R. Severance | "Python for Everybody: Exploring Data Using Python 3" | 2016. | Create Space Publ, |
| 15 | 20256-261 | Allen B. Downey | "Think Python: How to Think Like a Computer Scientist" | 2nd ed, 2015 | Green Tea Press, |
| 16 | 19896-905 | Anil Maheshwari | Data Analytics | 1st Ed, 2017 | McGraw Hill |
| 17 | 19916-925 | Jerry Banks, John S. Carson II, Barry L. | Discrete-Event System Simulation | 5th Ed, 2017 | Pearson Education, |
| | | | **DEPARTMENT OF Mathematics** | | |
| 1 | 20100-129 | Dr. KSC | Complex Analysis, Probability & Statistical Methods | | Sudha publishers |
| 2 | 20095-095 | Dr. DSC | Complex Analysis, Probability & Statistical Methods | | Prism Publishers |
| | | | **Department of Physics** | | |
| 1 | 19884-885 | Murugeshan | Properties of Matter | 6th Ed., 2007 | S Chand and company |
| 2 | 20262-281 | Tewari K K | Electricity and Magnetism | 2007 | S Chand and company |
| 3 | 19849-858 | David J Griffiths | Introduction to Quantum Mechanics | 2nd edition | Pearson new international |
| 4 | 20175-179 | Murugeshan R and Sivaprashath K | Modern Physics | 12th Ed.,2005 | S Chand and co. |
| 5 | 20220-229 | Saxena A K | Atomic and Molecular Spectra and Lasers | 1st Ed, 2009 | CBS Publishers |
| 6 | 19869-873 | David J Griffiths | Introduction To Electrodynamics | 4th Ed., 2017 | Prentice Hall of India |
| 7 | 19859-868 | S P Basavaraju | A text book of Engineering Physics | new edition | |
| 8 | 20139-154 | R K Gaur and S L Gupta | Engineering Physics | | Dhanpat rai publ |
| 9 | 19874-883 | Halliday D, Resnick R,and Walker J | Principles of Physics | 9th Edn. 2013 | Wiley India Pvt. Ltd. |
| 10 | 20282-291 | Subramanyam N, Brij Lal | Waves and Oscillations | 2nd Edn.,2005 | Vikas Publishing |
| | | | **Department of Mechanical Engineering** | | |
| 1 | 20136-138 | Kestoor Praveen | Elements of Mechanical Engineering | 5th Ed, | Suggi Publication |
| 2 | 20300-324 | V Kadambi,  TR Sitharaman | Application of Thermodynamics | 1st Ed, 2019 | Wiley |

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