**ELECTRONICS AND COMMUNICATION ENGINEERING**

**New Additions from April 2024 – March 2025**

|  |  |  |
| --- | --- | --- |
| Sl.No. | Title / Author/Pub./Year | Copies |
|  | The Big book of maker skills ;tools and techniques for building great tech projects / HACKKETT, ChrisSan Francisco: Weldon Owen, 2018 | 5 |
|  | Developing thinking skills: the way to success / BALAGURUSWAMY, E.New Delhi: Khanna, 2024 | 5 |
|  | Developing thinking skills: the way to success / BALAGURUSWAMY, E.New Delhi: Khanna, 2024 | 1 |
|  | Practical electronics for inventors / SCHERZ, PaulNew Delhi: McGraw-Hill Education, 2016 | 1 |

**New Additions from April 2023 – March 2024**

**NO BOOKS FOR THIS YEAR**

**New Additions from April 2022 – March 2023**

|  |  |  |
| --- | --- | --- |
| Sl.No. | Title / Author/Pub./Year | Copies |
|  | Carbon nanotube science :synthesis, properties and applications / HARRIS, Peter J.F.Cambridge: University Press, 2009 | 1 |

**New Additions from April 2021 – March 2022**

|  |  |  |
| --- | --- | --- |
| Sl.No. | Title / Author/Pub./Year | Copies |
|  | How to think like a computer scientist : learning with python / DOWNEY, AllenNew Delhi: Green Tea Press, 2016 | 10 |
|  | Software-defined radio for engineers / Software-defined radio for engineersBoston: Artech House, 2018 | 2 |

**New Additions from April 2020 – March 2021**

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Title / Author/Pub./Year** | **Copies** |

|  |  |  |
| --- | --- | --- |
|  | Computer system architecture / MANO, M. MorrisNoida: Pearson India Education, 2017 | 2 |
|  | Data communications and networking / FOROUZAN, Behrouz A.Chennai: McGraw-Hill Education, 2013 | 2 |
|  | Digital design / MANO, M. MorrisNoida: Pearson India education, 2020 | 1 |
|  | Digital fundamentals / FLOYD, Thomas L.Chennai: Pearson, 2018 | 1 |
|  | Digital logic and computer design / MANO, M. MorrisNew Delhi: Prentice-Hall of India, 2002 | 3 |
|  | Digital principles and applications / LEACH, Donald P.Chennai: McGraw Hill education, 2015 | 2 |
|  | Digital signal processing / RAMESH BABU, P.Chennai: Scitech, 2005 | 1 |
|  | Electronic devices and circuit theory / BOYLESTED, Robert L.Chennai: Pearson India education, 2020 | 3 |
|  | Electronic devices and circuits / BELL, David A.New Delhi: Prentice-Hall of India, 2000 | 1 |
|  | Electronics: fundamentals and applications / CHATTOPADHYAY, D.New Delhi: New Age International, 2020 | 10 |
|  | Fundamentals of digital image processing / JAIN, Anil K.Delhi: PHI Learning, 2013 | 2 |
|  | Networks and system / ROY CHOUDHURY, D.Kolkata: New Age, 2015 | 1 |
|  | Optical fiber communications / KEISER, GerdNew Delhi: McGraw Hill Education, 2013 | 1 |
|  | Power electronics / RASHID, Muhammad H.New Delhi: Prentice-Hall of India, 2004 | 1 |
|  | Power electronics / HARI BABU, K.Chennai: Scitech pub, 2015 | 1 |
|  | Principles of electromagnetics / SADIKU, Matthew N.O.New Delhi: Oxford University Press, 2015 | 3 |

**New Additions from April 2019 – March 2020**

|  |  |  |
| --- | --- | --- |
| **Sl.No** | **Title / Author/Pub./Year** | **Qty.** |
|  | Analog and digital communication systems New Delhi: SPD, 2003 | 1 |
|  | Analog and digital communications / HSU, Hwei P.Chennai: McGraw Hill Education, 2017 | 1 |
|  | Analog and mixed mode VLSI design / GEJJI, Vineeta P.New Delhi: PHI Learning, 2011 | 1 |
|  | Analog communication systems / SHARMA, SanjayNew Delhi: S. K. Kataria, 2015 | 1 |
|  | Analysis and design of analog integrated circuits New Delhi: Wiley, 2014 | 1 |
|  | Antennas and wave propagation / KRAUS, John DChennai: Mc Graw Hill Education, 2018 | 1 |
|  | Basic electronics: for engineering students / GUPTA, J. B.New Delhi: S. K. Kataria, 2603 | 1 |
|  | Circuit design and simulation with VHDL / PEDRONI, Volnei A.Delhi: PHI Learning, 2017 | 1 |
|  | Communication systems : analog and digital / SHARMA, SanjayNew Delhi: S. K. Kataria, 2014 | 1 |
|  | Digital circuits / RAYCHAUDHURY,DiptimanKolkata: Platinum publishers, 2013 | 1 |
|  | Digital circuits and design / SALIVAHANAN, S.New Delhi: Oxford University Press, 2018 | 1 |
|  | Digital image processing / SRIDHAR, S.New Delhi: Oxford University Press, 2018 | 1 |
|  | Digital integrated electronics / TAUB, HerbertNew Delhi: Tata McGraw-Hill, McGraw-Hill education, 1977 | 1 |
|  | Digital logic and computer design / MANO, M. MorrisNew Delhi: Pearson education, 2013 | 4 |
|  | Digital principles and applications / LEACH, Donald P.Chennai: McGraw Hill education, 2015 | 1 |
|  | Digital remote sensing / NAG, P.New Delhi: Concept Publishing, 1998 | 1 |
|  | Digital signal processing / ANAND KUMAR, A.Delhi: PHI Learning, 2016 | 1 |
|  | Digital signal processing / RAMESH BABU, P.Chennai: Stech Publications, 2017 | 5 |
|  | Electromagnetic waves and radiating systems / JORDAN, Edward C.New Delhi: Prentice-Hall of India, 2002 | 2 |
|  | Electronic devices and circuits / NAGRATH, I. J.Delhi: PHI Learning, 2016 | 1 |
|  | Electronic principles / MALVINO, Albert PaulNew Delhi: Tata McGraw-Hill, 2000 | 1 |
|  | Electronics devices and circuit theory / BOYLESTED, Robert L.Chennai: Pearson India Educatiion, 2019 | 2 |
|  | Electronics fundamentals and applications / CHATTOPADHYAY, D.New Delhi: New Age International, 2011 | 20 |
|  | Foundations of electronics Kolkata: New Age International, 2016 | 1 |
|  | Fundamentals of digital circuits / ANAND KUMAR, A.Delhi: PHI Learning, 2018 | 1 |
|  | Fundamentals of digital communication / MADHOW, UpamanyuDelhi: Cambridge University Press, 2017 | 1 |
|  | Fundamentals of electric circuits / ALEXANDER, Charles K.Chennai: McGraw Hill Education, 2019 | 1 |
|  | Introduction to VLSI circuits and systems / UYEMURA, John P.New Delhi: John Wiley, 2002 | 1 |
|  | Microelectronic circuits: theory and applications / SEDRA, Adel S.New Delhi: Oxford University Press, 2017 | 1 |
|  | Microprocessors and interfacing : 8086,8051,8096, and advanced processors New Delhi: Oxford University Press, 2012 | 1 |
|  | Microprocessors and microcontrollers: 8085 microprocessors, 8086 microprocessors, advance microprocessors and microcontrollers / KANI, A. NagoorNew Delhi: McGraw Hill Education, 2015 | 1 |
|  | Millman's electronic devices and circuits / MILLMAN, JacobNew Delhi: McGraw Hill education, 2015 | 2 |
|  | Modern digital and analog communication systems / LATHI, B. P.New Delhi: Oxford University Press, 2017 | 1 |
|  | Op-Amps and linear integrated circuits / GAYAKWAD, Ramakant A.Noida: Pearson India Educatiion, 2019 | 2 |
|  | Principles of electromagnetics / SADIKU, Matthew N.O.New Delhi: Oxford University Press, 2015 | 1 |
|  | Signals and systems / RAWAT, Tarun KumarNew Delhi: Oxford University Press, 2012 | 1 |
|  | Solid state electronic devices / STREETMAN, Ben G.Delhi: Pearson education & Prentice-Hall of India, 2007 | 3 |
|  | A Students guide to coding and information theory / MOSER, Stefan M.New Delhi: Cambridge University, 2012 | 1 |
|  | Telecommunications switching, traffic and networks / FLOOD, J. E.Noida: Pearson India Education, 2016 | 1 |
|  | Wireless communication theory and applications / BISWAS, ArumitaNew Delhi: Cambridge University Press, 2017 | 1 |

**New Additions from April 2018 – March 2019**

|  |  |  |
| --- | --- | --- |
| **Sl.No** | **Title / Author/Pub./Year** | **Qty.** |
|  | Analog communication systems / SHARMA, Sanjay - New Delhi: S. K. Kataria, 2017 | 1 |
|  | Digital integrated electronics / TAUB, Herbert - New Delhi: Tata McGraw-Hill, McGraw-Hill education, 1977 | 1 |
|  | Digital principles and applications / LEACH, Donald P. - New Delhi: McGraw Hill education, 2015 | 1 |
|  | Electronics fundamentals and applications / CHATTOPADHYAY, D. - New Delhi: New Age International, 2018 | 1 |
|  | Fundamentals of wireless sensor networks: theory and practice / DARGIE, Waltenegus - New Delhi: Wiley India, 2014 | 1 |
|  | A textbook of microwave engineering / MITRA, Monojit - Delhi: Dhanpat Rai, 2016 | 1 |

**New Additions from May 2017 – March 2018**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Advance guide to Matlab : practical examples in science and engineering / ALAM, Syed Nasimul - New Delhi: I. K. International Pub., 2015 | **1** |
|  | Advanced wireless communications & internet : future evolving technologies / GLISIC, Savo G. - United Kingdom: John Wiley & sons, 2011 | **1** |
|  | Coding for MIMO communication systems / DUMAN, Tolga M. - England: John wiley, 2007 | **1** |
|  | Cognitive radio techniques : spectrum sensing , interference mitigation and localization / SITHAMPARANATHAN, Kandeepan - Boston: Artech house, 2012 | **1** |
|  | Computer Organization / RAJA RAO, M.V.L.N. - Chennai: Scitech, 2017 | **1** |
|  | Computer programming in fortran 90 and 95 / RAJARAMAN, V. - New Delhi: Prentice-Hall of India, 1999 | **1** |
|  | Control systems / SUKLA, R.C - Delhi: Dhanpat Rai, 2010 | **1** |
|  | Digital signal processing : using MATLAB and Wavelets / WEEKS, Michael - New Delhi: Jones and Bartlett India, 2015 | **1** |
|  | Electronics Device and Circuits / Ramesh Babu, P. - Chennai: Scitech pub, 2014 | **1** |
|  | Encyclopedia of electronic components / PLATT, Charles - New Delhi: SPD, 2015 | **1** |
|  | Experiments with Microcontrollers / BHASKAR, P. - New Delhi: I. K. International, 2012 | **1** |
|  | Feedback control: for computer systems / JANERT, Philipp K. - New Delhi: SPD, 2013 | **1** |
|  | Fundamentals of computer graphics and multimedia / MUKHERJEE, Dipti Prasad - New Delhi: Prentice-Hall of India, 2008 | **1** |
|  | Handbook of relay switching technique / APPELS, J. Th - New York: Springer science + Business media, 1966 | **1** |
|  | An Introduction to Automata theory and formal languages / PANDE, Adesh Kumar - New Delhi: S. K. Kataria, 2014 | **1** |
|  | Inverse problems in electric circuits and electromagnetics / CHECHURIN, V. L. - New York: Springer science + Business media, 2007 | **1** |
|  | Making embedded systems / WHITE, Elecia - Kolkata: SPD, 2014 | **1** |
|  | MATLAB and simulink : introduction to applications / MALLICK, Partha S - Chennai: Scitech, 2016 | **1** |
|  | Microcontroller based system design / MANOHARAN, P.S. - Chennai: Scitech, 2015 | **1** |
|  | Microprocessors and Microcontrollers / KALER, R. S. - New Delhi: I. K. International Pub., 2016 | **1** |
|  | Microwave Engineering / RAJU, G. S. N. - New Delhi: I. K. International, 2013 | **1** |
|  | Optical fiber communications: principles and practice / SENIOR, John M. - Noida: Dorling kindersley, 2013 | **1** |
|  | Optical fiber communications / KEISER, Gerd - New Delhi: McGraw Hill Education, 2013 | **1** |
|  | Physical design for 3D integrated circuits - New York: CRC press, 2016 | **1** |
|  | Power electronics for renewable energy systems / SEYEZHAI, R. - Chennai: Scitech, 2016 | **1** |
|  | Principles of cognitive radio - New York: Cambridge university press, 2013 | **1** |
|  | Principles of Digital Communication / CHAKRABORTI, - Delhi: Dhanpat Rai, 2015 | **1** |
|  | Renewable energy engineering and technology : principles and practice - New Delhi: The Energy and Resources Institute, 2016 | **10** |
|  | Renewable energy sources and emerging technologies / KOTHARI, D. P. - Delhi: PHI learning, 2016 | **25** |
|  | Security in Ad-hoc and sensor networks - New York: Springer-verlag Berlin Heidelberg, 2005 | **1** |
|  | A Text book on MATLAB programming for engineering and science / RAY, Dipankar - Mumbai: SPD, 2015 | **1** |
|  | VLSI fabrication principles : silicon and arsenide / GHANDHI, Sorab K. - New Delhi: John Wiley, 2003 | **25** |
|  | Wireless networks and mobile computing / SINHA, Koushik - Boca Raton: CRC press, 2016 | **1** |

**New Additions from October 2016 – April 2017**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Cloud computing : principles and paradigms - New Delhi: John wiley, 2016 | **1** |
|  | Electronics devices and circuit theory / BOYLESTED, Robert L. - Delhi: Penram international, 2015 | **1** |
|  | Getting started with MATLAB 7 : a quick introduction for scientists and engineers / PRATAP, Rudra - New Delhi: Oxford University Press, 2009 | **2** |
|  | Integrated electronics : analog and digital circuits and systems / MILLMAN, Jacob - New Delhi: McGraw Hill Education, 2012 | **1** |
|  | Optical fiber communications: principles and / SENIOR, John M - Noida: Dorling kindersley, 2013 | **1** |

New Additions from April 2016 - September 2016

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Android in Action / ABLESON | **1** |
|  | The art of Software Testing / MYERS | **1** |
|  | Carbon nanotubes and related structures : new materials for the twenty-first century / HARRIS, Peter J F. : Cambridge university press, 2004 | **1** |
|  | Cloud computing : principles and paradigms / BUYYA,Rajkumar; ed. : John wiley, 2016 | **1** |
|  | Cloud computing for dummies / HURWITZ, Judith. : Wiley India, 2016 | **1** |
|  | Design through Verlog HDL / PADMANABHAN, T. R. : John wiley, 2011 | **1** |
|  | Error correction coding : mathematical methods and algorithms / MOON, Todd K. : Wiley India, 2013 | **1** |
|  | Essentials of Error Control Coding / MOREIRA | **1** |
|  | Fibre optics and optoelectronics / KHARE, R. P.: Oxford university press, 2015 | **1** |
|  | GSM and UMTS: the creation of global mobile communication / HILLEBRAND, Friedhelm; ed. : John wiley, 2013 | **1** |
|  | An introduction to fuzzy logic and fuzzy sets/ BUCKLEY, James J. : Springer, 2011 | **1** |
|  | Microprocessors and microcontrollers / NAGOOR KANI, A.: Tata McGraw Hill, 2012 | **10** |
|  | Mobile AD HOC Networking / BARUA | **1** |
|  | Mobile communication systems / WESOLOWSKI, Krzysztof : Wiley India, 2015 | **1** |
|  | Neural networks : computational models and applications / TANG, Huajin. : Springer, 2010 | **1** |
|  | Principles of modern wireless communication systems : theory and practice / JAGANNATHAM, Aditya K. : McGraw Hill education, 2016 | **10** |
|  | Probability and Statistics for Engineers / RAVICHANDARAN. | **1** |
|  | Radar Principles / PEEBLES, Peyton Z. : Wiley India, 2011 | **1** |
|  | Renewable energy engineering and technology :principles and practice / KISHORE, V V N; ed. : The Energy and Resources Institution, 2016 | **1** |
|  | Software Testing and Quality Assurance / NAIK |  |
|  | Speech recognition theory and C++ implementation/ BECCHETTI, Claudio. : John wiley, 2011 | **1** |
|  | Wireless communications / SINGAL, T. L. : McGraw Hill education, 2016 | **10** |
|  | Wireless Networks / NICOPOLITIDIS. | **1** |
|  | Wireless sensors networks : technology, protocols and applications / SOHRABY, Kazem. : Wiley India, 2015 | **1** |