

## **New Arrival List 2025-26.**

### **Department : Mechanical (UG)**

| Sr.no | Acc. No | Title  | Author         | Vol. |
|-------|---------|--|----------------|------|
| 1     | 45504   | Design For How People Think: Using Brain Science To Build Better Products (Mech)                   | Whalen,J       | 2    |
| 2     | 45405   | Heat And Mass Transfer: Fundamentals And Applications  | Cengel,Y.A.    | 2    |
| 3     | 45500   | Manufacturing Technology Vol-I: Foundry Forming And Welding (Mech New Edition )                    | Rao P.N.       | 1    |
| 4     | 45501   | Manufacturing Technology Vol-II: Metal Cutting And Machine Tools (Mech New Edition)                | Rao P.N        | 1    |
| 5     | 45607   | Thermal Engineering: Engineering Thermodynamics And Energy Conversion Technique (Mech New Edition) | Ballaney P.L.  | 3    |
| 6     | 45685   | Engineering Drawing: Plane And Solid Geometry  | Bhatt,N.D.     | 5    |
| 7     | 45387   | Programmable Logic Controllers (New Edition Mech )   | Petruszella,F. | 5    |
| 8     | 45404   | Physical Metallurgy: Principles And Practice   | Raghavan V.    | 1    |
| 9     | 45607   | Thermal Engineering: Engineering Thermodynamics And Energy Conversion Technique (Mech New Edition) | Ballaney P.L.  | 3    |
| 10    | 45685   | Engineering Drawing: Plane And Solid Geometry  | Bhatt,N.D.     | 5    |

### **Department : Mechanical (PG)**

| Sr.no | Acc. No | Title   | Author          | Vol. |
|-------|---------|---|-----------------|------|
| 1     | 45385   | Machinery Condition Monitoring: Principles And Practices (MECH PG)  | Mohanty,A.R.    | 1    |
| 2     | 45386   | Kinematics Analysis And Synthesis Of Mechanisms   | Mallik,A.K.     | 1    |
| 3     | 45402   | Ground Vehicle Dynamics (Mech PG)   | Popp,K.         | 2    |
| 4     | 45606   | Machining Dynamics Fundamentals Applications And Practices (Mech PG)  | Cheng,K.[Ed.]   | 1    |
| 5     | 45656   | Neural Networks For Applied Sciences And Engineering From Fundamentals To Complex Pattern Recognition (Mech PG) | Samarasinghe,S. | 1    |
| 6     | 45657   | Manufacturing Automation: Metal Cutting Mechanics Machine Tool Vibrations And CNC Design                        | Altintas,Y.     | 1    |

### **Department: Civil UG**

| Sr.no | Acc. No | Title  | Author      | Vol. |
|-------|---------|--|-------------|------|
| 1     | 45524   | Reinforced Concrete Design (Civil New Edition) | Pillai S.K. | 4    |

### **Department : Civil PG**

| Sr.no | Acc. No | Title                                  | Author      | Vol. |
|-------|---------|--|-------------|------|
| 1     | 45508   | Mechanics Of Materials (Civil PG)      | Gere,J.M.   | 2    |
| 2     | 45584   | Precast Concrete Structures (Civil PG) | Bachmann,H. | 2    |

|   |       |   |                |   |
|---|-------|---|----------------|---|
| 3 | 45735 | Design Of Steel Structure Volume-Ii (Civil PG)          | Chandra,R.     | 2 |
| 4 | 45795 | Mechanics Of Composite Materials (Civil Pg)             | Jones,R.M.     | 1 |
| 5 | 45820 | Probability Concepts In Engineering (Civil Pg)          | Ang,A.H.S.     | 1 |
| 6 | 45856 | Boundary Element Methods For Soil Structure Interaction | Hall,W.S.[Ed.] | 1 |
| 7 | 45861 | Principles Of Structural Stability (Civil Pg)           | Zeigler,H.     | 1 |
| 8 | 45476 | A Textbook Of Engineering Mechanics (Civil New Edition) | Khurmi,R.S.    | 5 |
| 9 | 45510 | Design Of Bridges (Civil PG New Edition)                | Raju, N K      | 2 |

**Department: Electrical UG**

| Sr.no | Acc. No | Title   | Author       | Vol. |
|-------|---------|---|--------------|------|
| 1     | 45811   | Electric Power Distribution Engineering                                 | Gonen,T.     | 1    |
| 2     | 45415   | Industrial Automation Using PLC SCADA And DCS                           | Jamkar,R.G.  | 10   |
| 3     | 45455   | Basic Electrical And Electronics Engineering                            | Kothari,D.P. | 5    |
| 4     | 45450   | Principles Of Electrical Engineering And Electronics (Ele New Edition ) | Mehta, V.K.  | 5    |

**Department: Electrical PG**

| Sr.no | Acc. No | Title   | Author           | Vol. |
|-------|---------|---|------------------|------|
| 1     | 45784   | Modern Electrical Hybrid Electric And Fuel Cell Vehicles                      | Ehsani,M.        | 4    |
| 2     | 45812   | Understanding Electric Utilities And Deregulation                             | Phillp,L.        | 1    |
| 3     | 45817   | Design Of Smart Power Grid Renewable Energy Systems                           | Keyhani,A.       | 1    |
| 4     | 45821   | Smart Grid: Fundamentals Of Design And Analysis                               | Momoh,J.         | 1    |
| 5     | 45819   | Power System Economics Designing Markets For Electricity                      | Stoft,S.         | 1    |
| 6     | 45846   | The Skillful Teacher: On Technique Trust And Resposiveness In The Classroom   | Brookfield,S.D.. | 1    |
| 7     | 45853   | Learning And Teaching In Higher Education:The Reflective Professional         | Light,C          | 1    |
| 8     | 45857   | Energy Storage: Fundamentals Materials And Applications (Ele Pg)              | Huggins,R.A.     | 1    |
| 9     | 45875   | High Power Converters And Ac Drivers (Ele Pg)                                 | Wu,B.            | 1    |
| 10    | 45879   | Substation Automation Systems:Design And Implementation                       | Padilla,E.       | 1    |
| 11    | 45779   | Matlab And Simulink In Depth  | (Ele Pg)         | 1    |
| 12    | 45842   | Power System Handbook: Load Flow Optimization And Optimal Power Flow Volume-2 | Das,T.S.         | 1    |
| 13    | 45855   | Batteries For Sustainability (Ele Pg)   | Brodd,R.J.[Ed.]  | 1    |
| 14    | 45789   | Distributed Power Generation Planning And Evaluation                          | Willis,H.L.      | 1    |
| 15    | 45790   | Distribution System Modeling And Analysis With Matlab And Windmill            | Kersting,W.H.    | 1    |

**Department : Computer science and Engineering PG**

| <b>Sr.no</b> | <b>Acc. No</b> | <b>Title</b>  | <b>Author</b>    | <b>Vol.</b> |
|--------------|----------------|---|------------------|-------------|
| 1            | 45574          | Fundamentals Of Mathematical Statistics (CSE PG)  | Gupta S.C.       | 2           |
| 2            | 45723          | Deep Learning For Computer Vision: Expect Techniques To Train Advanced Neural Networks Using Tensorflow And Keras (CSE PG)            | Shanmugamani,R   | 2           |
| 3            | 45730          | Learn Quantum Computing With Python And Ibm Quantum Experience (CSE PG)   | Turban,E.        | 5           |
| 4            | 45732          | Business Intelligence And Analytical: System For Decision Support (CSE PG)  | Turban,E.        | 2           |
| 5            | 45744          | Hands On Machine Learning With Scikit Learn Keras And Tensorflow: Concepts Tools And Techniques To Build Intelligent Systems (CSE PG) | Geron,A.         | 2           |
| 6            | 45746          | Interpretable Machine Learning:A Guide For Making Black Box Models Explainable (Cse Pg)   | Molnar,C         | 2           |
| 7            | 45753          | Natural Language Processing With Transformers:Building Language Applications Hugging Face (Cse Pg)                                    | Tunstall,L.      | 2           |
| 8            | 45755          | Tensorflow For Deep Learning:From Linear Regression To Reinforcement Learning (Cse Pg)  | Ramsundar,B.     | 2           |
| 9            | 45757          | Operation Research Quantitative Techniques For Management(Cse Pg)   | Kapoor,V.K.      | 2           |
| 10           | 45814          | Computational Intelligence: An Introduction )   | Engelbrecht,A.P. | 1           |
| 11           | 45816          | Data Mining Techniques: For Marketing Sales And Customer Relationship Management (Cse Pg)   | Linaff,G.S.      | 1           |
| 12           | 45830          | Quantum Computation And Quantum Information   | Nielson ,M.A.    | 1           |
| 13           | 45832          | Quantum Computing For Computer Scientists   | Yanofsky,N.S.    | 1           |
| 14           | 45833          | Practical Management Science (Cse Pg)   | Winston,W.L.     | 2           |
| 15           | 45839          | Elements Of Quantum Computations And Quantum Communication (Cse Pg)   | Pathak,A.        | 1           |
| 16           | 45845          | Minds On Fire: How Role Immersion Games Transform College (Cse Pg)  | Carnes,M.C.      | 1           |
| 17           | 45848          | Federated Learning (Cse Pg)   | Yang,Q.          | 1           |
| 18           | 45854          | Writing For Academic Success (Cse Pg)   | Craswell,G.      | 1           |
| 19           | 45858          | Foundation Mathematics For Computer Science:A Visual Approach (Cse)   | Vince,J,         | 1           |
| 20           | 45862          | Reflections On The Teaching Of Programming (Cse Pg)   | Bennedsen,J.     | 1           |
| 21           | 45863          | Cloud Computing: Principles Systems Application (Cse Pg)  | Antonopoulos,N.  | 1           |
| 22           | 45864          | English For Academic Research: Grammar Usage And Style (Cse Pg)   | Wallwork,A.      | 1           |
| 23           | 45868          | Wireless Sensor Network Technologies For The Information Explosion Era (Cse Pg)   | Hara,T.          | 1           |

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| 24 | 45872 | E Learning And The Science Of Instruction Proven Guideline For Consumers And Designers Of Multimedia Learning (Cse Pg)          | Cleark,R.C        | 1 |
| 25 | 45876 | How Learning Works:8 Research Based Principles For Samrt Teaching (Cse Pg)  | Lovett,M.C.       | 1 |
| 26 | 45877 | Probability And Statistics With Reliability Queuing And Computer Science Applications (Cse Pg)                                  | Lovett,M.C.       | 1 |
| 27 | 45878 | Quantitative Methods:An Introduction For Business (Cse Pg)  | Brandimarte,P.    | 1 |
| 28 | 45880 | Teaching And Learning Stem:A Practical Guide (Cse Pg)   | Felder,R.M.       | 1 |
| 29 | 45881 | Handbook On Computer Learning And Intelligence Volume-1:Explainable Ai And Supervised Learning (Cse Pg)                         | Angelor,P.P.[Ed.] | 1 |
| 30 | 45882 | Handbook On Computer Learning And Intelligence Volume-2:Deep Learning Intelligent Control And Evolutionary Computation (Cse Pg) | Angelor,P.P.[Ed.] | 1 |
| 31 | 45885 | Gans In Action Deep Learning With Generative Adversarial Networks (Cse Pg)  | Langer,J.         | 1 |
| 32 | 45886 | Conducting Research Literature Reviews From The Internet To Paper (Cse Pg)  | Fink,A.           | 1 |

**Department : Computer Science and Engineering (IOT)**

| Sr.no | Acc. No | Title  | Author           | Vol. |
|-------|---------|--|------------------|------|
| 1     | 45569   | Internet Of Things From Research And Innovation To Market Deployment (IOT)           | Vermesan,O.[Ed.] | 5    |
| 2     | 45704   | Cyber Risk Management Lessons Challenges And Solutions (IOT)                         | Lele,C.          | 5    |
| 3     | 45774   | Industry 4.0:The Industrial Internet Of Things (Iot)                                 | Gilchrist,A.     | 1    |
| 4     | 45800   | Introduction To Machine Learning (Iot)   | Alpaydin, E      | 1    |
| 5     | 45801   | Penetration Testing;A Hands Od Introduction In Hacking (Iot)                         | Weidman,G.       | 1    |
| 6     | 45810   | Cybercrime And Digital Forensics: An Introduction                                    | Holt,T.J.        | 3    |
| 7     | 45815   | Cyber security Essentials (IOT)  | Brooks,C.J.      | 1    |
| 8     | 45818   | Exploring Raspberry Pi: Interfacing To The Real World With Embedded Linux (Iot)      | Molloy,D.        | 1    |
| 9     | 45840   | Internet Of Things(Iot):System And Applications (Iot)                                | Khan,J. Y.[Ed.]  | 1    |
| 10    | 45841   | Internet Of Things With Raspberry Pi And Arduino                                     | Singh,R.         | 1    |
| 11    | 45847   | Cyber Risk Management Prioritize Threats Identify Vulnerabilities And Controls (Iot) | Hodson,C,J,      | 1    |
| 12    | 45859   | Industrial Internet Of Things: Cybermanufacturing Systems (Iot)                      | Jaschke,S.       | 1    |
| 13    | 45860   | Industrial IOT; Challenge, Design, Principles, Application And Security (IOT)        | Butun,I.[Ed.]    | 1    |

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|----|-------|--|-----------------|---|
| 14 | 45867 | The Internet Of Things In The Industrial Sector: Security And Devices Connectivity Smart Environments And Industry (Iot) | Mahmood,Z.[Ed.] | 1 |
| 15 | 45871 | Designing Embedded System And The Internet Of Things (Iot) With The Arm MBEP (Iot)                                       | Xiao,P          | 1 |
| 16 | 45883 | Introduction To Modern Cryptography (Iot)  | Katz,J.         | 1 |

#### **DEPARTMENT : FOOD TECHNOLOGY**

| <b>Sr.no</b> | <b>Acc. No</b> | <b>Title</b>   | <b>Author</b>  | <b>Vol.</b> |
|--------------|----------------|--|----------------|-------------|
| 1            | 45717          | Refrigeration And Air Conditioning                           | Arora C.P.     | 2           |
| 2            | 45791          | Food Development From Concept To The Marketplace             | Graf,F.        | 1           |
| 3            | 45792          | Mathematical Modeling Of Food Processing                     | Farid,M.M      | 1           |
| 4            | 45794          | Transport Phenomena In Food Processing                       | Welt-Chanes,J. | 1           |
| 5            | 45798          | Food Quality And Shelf Life                                  | Galannakis,C.M | 3           |
| 6            | 45843          | Food Product Development                                     | Earle,M.       | 1           |
| 7            | 45844          | Process Equipment And Plant Design: Principles And Practices | Ray,S.         | 1           |
| 8            | 45865          | Functional Foods And Nutraceuticals                          | Aluka,R.E.     | 1           |
| 9            | 45866          | Processed Meats  | Pearson,A.M.   | 1           |
| 10           | 45869          | Basic Molecular And Cell Biology                             | Latchman,D.S.  | 1           |
| 11           | 45870          | Concept Research In Food Product Design And Development      | Moskowitz,H.R. | 1           |
| 12           | 45874          | Frozen Food Science And Technology                           | Evan,J.A       | 1           |

#### **DEPARTMENT : AIDS**

| <b>Sr.no</b> | <b>Acc. No</b> | <b>Title</b>   | <b>Author</b> | <b>Vol.</b> |
|--------------|----------------|--|---------------|-------------|
| 1            | 45725          | Deep Reinforcement Learning Hand On: Apply Modern RL Method To Practical Problem Of Chatbots Robotics Discrete Optimization Web Automation And More (AIDS) | Lapan,M.      | 1           |
| 2            | 45739          | Generative Deep Learning Teaching Machines To Paint Write Compose Play (AIDS)  | Foster,D.     | 2           |
| 3            | 45748          | Natural Language Processing With Python (Aids)   | Bird,S.       | 5           |
| 4            | 45850          | Quantum Information Science (Aids)   | Manenti,R.    | 1           |

#### **Department : Robotics**

| <b>Sr.no</b> | <b>Acc. No</b> | <b>Title</b>                        | <b>Author</b> | <b>Vol.</b> |
|--------------|----------------|-------------------------------------|---------------|-------------|
| 1            | 45631          | A Textbook Of Engineering Mechanics | Bansal R.K.   | 5           |

#### **Department : Artificial Intelleginace**

| <b>Sr.no</b> | <b>Acc. No</b> | <b>Title</b>  | <b>Author</b> | <b>Vol.</b> |
|--------------|----------------|---|---------------|-------------|
| 1            | 45788          | Artificial Intelligence For Intelligent System Fundamentals Challenges And Applications | Khan,I.U.     | 1           |

**Department : Electronic and Telecommunication**

| Sr.no | Acc. No | Title  | Author     | Vol. |
|-------|---------|--|------------|------|
| 1     | 45684   | 5G NR The Next Generation Wireless Access Technology eantc | Dahlman,E. | 10   |

**Department: Aeronautical UG**

| Sr.no | Acc. No | Title   | Author         | Vol. |
|-------|---------|---|----------------|------|
| 1     |         | SSB Interview; The Complete Guide             | Natarajan,N.K. | 3    |
| 2     | 45542   | Modern Control Engineering (Aero New Edition) | Ogata,K.       | 5    |

**Department : Basic Science**

| Sr.no | Acc. No | Title   | Author          | Vol. |
|-------|---------|---|-----------------|------|
| 1     | 45430   | Advanced Engineering Mathematics (Maths )   | Dass,H.K.       | 5    |
| 2     | 45440   | Miller And Freunds, Probability And Statistics For Engineers (Maths New Edition ) | Johnson,R.A.    | 5    |
| 3     | 45611   | A Textbook Of Engineering Mathematics Volume-I (Maths )                           | Bali N.P        | 5    |
| 4     | 45612   | A Textbook Of Engineering Mathematics Volume-I (Maths)                            | Bali N.P        | 5    |
| 5     | 45425   | A Textbook Of Engineering Physics (PHY New Edition)                               | Avadhanulu,M.N. | 5    |

**General reference books**

| Sr.no | Acc. No | Title  | Author        | Vol. |
|-------|---------|--|---------------|------|
| 1     | 45496   | The Professional Defining The New Standard Of Excellence At Work (Gen)                             | Bagchi,S.     | 2    |
| 2     | 45506   | Change By Design; How To Design Thinking Transformation Organizations And Inspire Innovation (Gen) | Brown,T.      | 2    |
| 3     | 45697   | जननायक Gen   | Khadilkar,D.  | 1    |
| 4     | 45698   | हिंदुत्व   | गोळे,र.[संपा] | 1    |
| 5     | 45245   | सत्याचे प्रयोग अथवा आत्मकथा  | गांधी.म.      | 1    |
| 6     | 45246   | यशवंतराव चव्हाण आत्मचरित्र: कृष्णाकाठ  | चव्हाण,य.     | 1    |
| 7     | 45673   | Artificial Neural Networks   | Alanis,A.Y.   | 1    |
| 8     | 45674   | Advanced Industrial Automation: Plc Programming In Easiest Way With 110 Solved Example             | Kumar,H.      | 1    |
| 9     | 45769   | सत्याचे प्रयोग अथवा आत्मकथा  | गांधी,मो.क.   | 1    |
| 10    | 45498   | Cambridge English: The Official Cambridge Guide To IELTS (Com)                                     | Cullen,P.     | 2    |