

AICTE PRESCRIBED TEXTBOOKS AS PER NEP 2020

for DEGREE/ UNDERGRADUATE LEVEL

| S.No. | ISBN | Program | Title Name | Author Name | Year |
|-------|---------------|---------|---|---|--------|
| 1 | 9789391505165 | Degree | Physics (Introduction to Electromagnetic Theory) (with Lab Manual) | A.B. Bhattacharya Atanu Nag | 1st Yr |
| 2 | 9789391505158 | Degree | Basic Electrical Engineering (with Lab Manual) | S.K. Sahdev | 1st Yr |
| 3 | 9789391505271 | Degree | Mathematics - I Calculus and Linear Algebra [For Computer Science Engineering Branches] | Reena Garg | 1st Yr |
| 4 | 9789391505172 | Degree | Mathematics - I Calculus and Linear Algebra [For Non-Computer Science Engineering Branches] | Reena Garg | 1st Yr |
| 5 | 9789391505219 | Degree | Programming for Problem Solving (with Lab Manual) | R.S. Salaria | 1st Yr |
| 6 | 9789391505332 | Degree | Workshop / Manufacturing Practices (with Lab Manual) | Veeranna D.K. | 1st Yr |
| 7 | 9789391505066 | Degree | Engineering Graphics & Design | Pradeep Jain | 1st Yr |
| 8 | 9789391505059 | Degree | Physics (Introduction to Mechanics) (with Lab Manual) | A.B. Bhattacharya Atanu Nag | 1st Yr |
| 9 | 9789391505257 | Degree | Physics (Quantum Mechanics for Engineers) With lab manual | A.B. Bhattacharya Atanu Nag | 1st Yr |
| 10 | 9789391505134 | Degree | Physics (Oscillations, Waves and Optics) With lab manual | A.B. Bhattacharya Atanu Nag | 1st Yr |
| 11 | 9789391505097 | Degree | English (with Lab Manual) | Kulbhushan Kumar | 1st Yr |
| 12 | 9789355383389 | Degree | Electrical Circuit Analysis and Network Theory | Prof. Shouri Chatterjee | 2nd Yr |
| 13 | 9789355385147 | Degree | Energy Science and Engineering | Prof. M. Rizwan, Prof. Majid Jamil | 2nd Yr |
| 14 | 9789355389688 | Degree | Information Technology Workshop in MATLAB | Dr. Hari Prabhat Gupta | 2nd Yr |
| 15 | 9789355387042 | Degree | Introduction to Civil Engineering | Prof. Manabendra Saharia, Prof. Nagendra R. Velaga | 2nd Yr |
| 16 | 9789355386250 | Degree | Basics of Thermodynamics | Dr. Parmod Kumar, Dr. Atul Dhar | 2nd Yr |
| 17 | 9789355388087 | Degree | Basic of Electronics | Dr. Brijesh Iyer | 2nd Yr |
| 18 | 9789355386984 | Degree | Biology for Engineers | Dr. Annamma Odaneth | 2nd Yr |

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|----|---------------|--------|---|--|--------|
| 19 | 9789355387127 | Degree | Basics of Electrical Machines: Theory and Practicals | Prof. D. K. Palwalia, Dr. U. K. Kalla, Dr. R. K. Kumawat | 2nd Yr |
| 20 | 9789355388872 | Degree | Digital Electronics and System | Dr. Abhishek Bhatt | 2nd Yr |
| 21 | 9789355383808 | Degree | Analog Electronic Devices: Theory and Practicals | Prof. N. B Balamurugan | 2nd Yr |
| 22 | 9789355385420 | Degree | Data Structure and Algorithms | Dr. Ranbir Singh Sanasam | 2nd Yr |
| 23 | 9789355385451 | Degree | Signals and Systems | Prof. Sanjay L. Nalbalwar | 2nd Yr |
| 24 | 9789355389381 | Degree | Basics of Mechanics | Dr. Shubhankar Bhowmick, Dr. Neigapula Venkata Swamy Naidu | 2nd Yr |
| 25 | 9789355387868 | Degree | Effective Technical Communication | Prof. Pritee Sharma, Dr. Sanchita Verma | 2nd Yr |
| 26 | 9789355382139 | Degree | Analog Electronic Circuits: Theory and Practical | Dr. Venu Sonti, Dr. Sachin Jain | 2nd Yr |
| 27 | 9789355382184 | Degree | Computer Aided Civil Engineering Drawing | Dr. D. Chandra Mouli, Mrs. B. Swathi | 2nd Yr |
| 28 | 9789355388377 | Degree | Fluid Mechanics & Fluid Machines | Dr. R.P. Saini | 2nd Yr |
| 29 | 9789355389886 | Degree | Materials Engineering | Dr. Dheerendra Kumar Dwivedi | 2nd Yr |
| 30 | 9789355387004 | Degree | Surveying and Geomatics | Prof. P. K. Garg | 2nd Yr |
| 31 | 9789355384652 | Degree | Electronic Communication | Dr. Vimal Bhatia | 2nd Yr |
| 32 | 9789355386021 | Degree | Strength of Materials | Dr. Uday Shanker Dixit, Dr. Nelson Muthu, S. M. Kamal | 2nd Yr |
| 33 | 9789355384317 | Degree | Testing & Evaluation of Civil Engineering Materials | Dr. Sandeep Chaudhary, Dr. Kashyap A Patel | 2nd Yr |
| 34 | 9789355385116 | Degree | Microprocessor and Microcontroller | Prof. Saurabh Chaudhury, Dr. Risha Mal | 2nd Yr |
| 35 | 9789355388117 | Degree | Fluid Mechanics | Dr. Shreenivas N. Londhe, Dr. Pradnya R. Dixit | 2nd Yr |
| 36 | 9789355385475 | Degree | Operating Systems | Dr. Sukomal Pal | 2nd Yr |
| 37 | 9789355383396 | Degree | Disaster management | Dr. Pradeep K. Goyal, Prof. Anil K. Gupta | 2nd Yr |
| 38 | 9789355384843 | Degree | Civil Engineering Societal and Global Impact | Dr. Shakuntala Acharya | 2nd Yr |
| 39 | 9789355384669 | Degree | Engineering Geology | Dr. R. N. Khare, Dr. Ketan Chourasia | 2nd Yr |

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|----|---------------|--------|---|--|--------|
| 40 | 9789355385222 | Degree | Discrete Mathematical Structures | Dr. Narendra S. Chaudhari Mrs. Sharmila S. P. | 2nd Yr |
| 41 | 9789355386700 | Degree | Design and Analysis of Algorithms | Dr. Hari Prabhat Gupta, Dr. Rahul Mishra | 2nd Yr |
| 42 | 9789355385956 | Degree | Power Electronics: Theory and Practicals | Dr. Lalit Chandra Saikia | 2nd Yr |
| 43 | 9789355383235 | Degree | Instrumentation for Civil Engineering Applications | Prof. Ashim Kanti Dey, Dr. Manita Das | 2nd Yr |
| 44 | 9789355382160 | Degree | Advanced Electrical Machines: Theory and Practicals | Dr. Bharat Singh Rajpurohit | 2nd Yr |
| 45 | 9789355385550 | Degree | Hydrology & Water Resources Engineering | Mitthan Lal Kansal P K Agarwal | 3rd Yr |
| 46 | 9789355384942 | Degree | Power Systems-I | Dr. Suresh Mikkili | 3rd Yr |
| 47 | 9789355388728 | Degree | Control Systems | S.N.DEEPA | 3rd Yr |
| 48 | 9789355386083 | Degree | Microprocessors | Dr. Yogendra Kumar Gupta | 3rd Yr |
| 49 | 9789355387233 | Degree | Manufacturing Processes | Dheerendra Kumar Dwivedi | 3rd Yr |
| 50 | 9789355386571 | Degree | Digital Signal Processing | Mr. Sanjeev Sharma | 3rd Yr |
| 51 | 9789355388711 | Degree | Embedded Systems | Santanu Chattopadhyay | 3rd Yr |
| 52 | 9789355385307 | Degree | Construction Engineering & Management | Mr. Sparsh Johari | 3rd Yr |
| 53 | 9789355388414 | Degree | Manufacturing Automation | Mr. Chitragupt Swaroop Chitransh | 3rd Yr |
| 54 | 9789355384584 | Degree | Production & Operation Management | Dr. Navin Kumar Dev | 3rd Yr |
| 55 | 9789355383754 | Degree | Product Innovation & Entrepreneurship | Mr. Vigneswaran C | 3rd Yr |
| 56 | 9789355389169 | Degree | Mobile Communication and Networks | Mr. Vimal Bhatia | 3rd Yr |
| 57 | 9789355383730 | Degree | Mechanics of Materials | Arvind Vyavahare | 3rd Yr |
| 58 | 9789355385130 | Degree | Hydraulic Engineering | Dr. Sayantan Ganguly | 3rd Yr |
| 59 | 9789355383792 | Degree | Structural Engineering | T.D. Gunneswara Rao Dr. D. Ravi Prasad | 3rd Yr |
| 60 | 9789355387103 | Degree | Geotechnical Engineering | Paramita Bhattacharya | 3rd Yr |
| 61 | 9789355385963 | Degree | Environmental Engineering | Chandra Sekhar Matli | 3rd Yr |
| 62 | 9789355384928 | Degree | Transportation Engineering | Dr. Raji A K | 3rd Yr |
| 63 | 9789355387509 | Degree | Machine Element & System Design | Sabah Khan | 3rd Yr |
| 64 | 9789355383358 | Degree | Mechatronics, Robotics & Control | Prof.J.SRINIVAS | 3rd Yr |
| 65 | 9789355384607 | Degree | Measurements & Metrology | Chandramohan V.P. | 3rd Yr |
| 66 | 9789355384805 | Degree | Introduction to Database Systems | Dr Vikram Singh | 3rd Yr |
| 67 | 9789355385383 | Degree | Machine Learning | Dr. Himanshu Mittal | 3rd Yr |
| 68 | 9789355385604 | Degree | Operating Systems | Dr. Sanjaya Kumar Panda | 3rd Yr |

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|----|---------------|--------|---|---|--------|
| 69 | 9789355388957 | Degree | Electromagnetic Waves | Dr. Uttam M. Pal Dr. Srijith K. | 3rd Yr |
| 70 | 9789355387592 | Degree | Computer Architecture | Dr. D. Vaithiyanathan | 3rd Yr |
| 71 | 9789355387929 | Degree | Engineering Economics, Estimation & Costing | Dr. Yogesh C. Joshi | 3rd Yr |
| 72 | 9789355386236 | Degree | Power Systems-II | Dr. Arun Rahul S Dr. Manas Kumar Jena | 3rd Yr |
| 73 | 9789355382580 | Degree | Computer Aided Design & Analysis | Mr. Hari Kumar Voruganti | 3rd Yr |
| 74 | 9789355382306 | Degree | Theory of Computation | Prof. Debi Prasanna Acharjya | 3rd Yr |
| 75 | 9789355385093 | Degree | Computer Networks | Dr. Hari Prabhat Gupta | 3rd Yr |
| 76 | 9789355385208 | Degree | VLSI Design | Mr. Mahendra Sakare, Dr. Shonal Chouksey | 3rd Yr |



अखिल भारतीय तकनीकी शिक्षा परिषद्
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Assamese | Bengali | English | Gujarati | Hindi | Kannada | Malayalam | Marathi | Punjabi | Tamil | Telugu

AICTE PRESCRIBED TEXTBOOKS AS PER NEP 2020

for DIPLOMA LEVEL

| S.No. | ISBN | Program | Title Name | Author Name | Year |
|-------|---------------|---------|--|--|--------|
| 1 | 9789391505653 | Diploma | Environmental Science | Subrat Roy | 1st Yr |
| 2 | 9789391505509 | Diploma | Engineering Graphics | Sharad K. Pradhan K.K. Jain | 1st Yr |
| 3 | 9789391505585 | Diploma | Introduction to IT Systems (with Lab Manual) | Prashant Joshi | 1st Yr |
| 4 | 9789391505141 | Diploma | Chemistry-I (with Lab Manual) | Manisha Agarwal | 1st Yr |
| 5 | 9789391505608 | Diploma | Engineering Mechanics (with Lab Manual) | Bhankhar Bharat Gokaldas Vandana Somkuwar | 1st Yr |
| 6 | 9789391505516 | Diploma | Engineering Workshop Practice | A. K. Sarathe | 1st Yr |
| 7 | 9789391505424 | Diploma | Mathematics-I | Deepak Singh | 1st Yr |
| 8 | 9789391505523 | Diploma | Mathematics-II | Garima Singh | 1st Yr |
| 9 | 9789391505592 | Diploma | Fundamentals of Electrical and Electronics Engineering (with Lab Manual) | Susan S. Mathew Saji T. Chacko | 1st Yr |
| 10 | 9789391505448 | Diploma | Applied Chemistry (with Lab Manual) | Anju Rawlley Devdatta Vinayakrao Saraf | 1st Yr |
| 11 | 9789391505578 | Diploma | Applied Physics-II (with Lab Manual) | Hussain Jeevakhan | 1st Yr |
| 12 | 9789391505431 | Diploma | Applied Physics-I (with Lab Manual) | Vinod Kumar Yadav Mina Talati | 1st Yr |
| 13 | 9789391505493 | Diploma | Communication Skills in English | Anjana Tiwari | 1st Yr |
| 14 | 9789355387394 | Diploma | Building Construction | Dr. Rinku Kumar, Dr. Sandeep Panchal | 2nd Yr |
| 15 | 9789355382658 | Diploma | Concrete Technology: Theory and Practice | Prof. Sasankasekhar Mandal, Dr. Vishwajit Anand, Prof. Sushil Kumar Agarwala | 2nd Yr |
| 16 | 9789355387684 | Diploma | Data Structures: Theory & Practicals | Dr. NB Venkateswarlu | 2nd Yr |
| 17 | 9789355387295 | Diploma | Digital Electronics | Dr. Menka Yadav | 2nd Yr |
| 18 | 9789355389602 | Diploma | Geotechnical Engineering (Theory & Practicals) | Dr. Neelima Satyam | 2nd Yr |
| 19 | 9789355387455 | Diploma | Python Programming | Dr. Rupesh Nasre | 2nd Yr |
| 20 | 9789355382672 | Diploma | Computer Programming: Theory and Practicals | Dr. Satyendra Singh Chouhan | 2nd Yr |
| 21 | 9789355386564 | Diploma | Introduction to Electric Generation Systems | Dr. Lalit Chandra Saikia, Dr. Nalin Behari Deb Choudhury | 2nd Yr |

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|----|-----------------|---------|---|--|--------|
| 22 | 9789355389015 | Diploma | Thermal Engineering - I | V. RAGHAVAN, Professor | 2nd Yr |
| 23 | 9789355388148 | Diploma | Manufacturing Engineering | Dr. Santosh Kumar | 2nd Yr |
| 24 | 9789355387189 | Diploma | Renewable Energy Technologies | Prof Sanjay Agrawal, Dr. Rajeev Kumar Mishra | 2nd Yr |
| 25 | 9789355387530 | Diploma | Basic Mechanical Engineering | Dr. Dharmendra Singh, Dr. Chandra Shekhar Rajoria | 2nd Yr |
| 26 | 9789355384546 | Diploma | Algorithms | Dr. Piyoosh P, Dr. Arnab Sarkar | 2nd Yr |
| 27 | 9789355383334 | Diploma | Construction Materials and Testing | Dr. Vanita Aggarwal | 2nd Yr |
| 28 | 9789355389435 | Diploma | Electric Circuits and Networks | Dr. Jamuna K., Dr. Nilanjan Tewari | 2nd Yr |
| 29 | 9789355387714 | Diploma | Computer System Organization | Dr. Sonal Yadav | 2nd Yr |
| 30 | 9789355383570 | Diploma | Computer Aided Machine Drawing Practice | Dr. Kanak Kalita | 2nd Yr |
| 31 | 9789355389466 | Diploma | Electrical & Electronics Measurements and Instrumentation | Dr. Sudarsan Sahoo, Dr. Vipin Chandra Pal, Dr. Sudipta Chakraborty | 2nd Yr |
| 32 | 9789355387202 | Diploma | Electronic Devices and Circuits | Prof. Ankesh Jain | 2nd Yr |
| 33 | 9789355383877 | Diploma | Material Science & Engineering | Dr. Vinod Kumar, Dr. Nisheeth Kumar Prasad | 2nd Yr |
| 34 | 9789355388452 | Diploma | Electric Motors and Transformers (Theory and Practicals) | Dr. Sanjay B. Bodkhe | 2nd Yr |
| 35 | 9789355382696 | Diploma | Electronic Communication | Dr. M. D. Selvaraj, Dr. Prabagarane Nagaradjane | 2nd Yr |
| 36 | 9789355389510 | Diploma | Fluid Mechanics & Hydraulic Machinery | Prof. Suman Chakraborty, Dr. Sourav Mitra, Dr. Aditya Bandopadhyay | 2nd Yr |
| 37 | 978-93-5538-813 | Diploma | Mechanics of Materials and their Testing | Dr. R. Velmurugan, Dr. Pragathi | 2nd Yr |
| 38 | 9789355385109 | Diploma | Advanced Surveying: Theory & Practice | Dr. Ramakant Agrawal, Mr. Parshottam Sarathe | 2nd Yr |
| 39 | 9789355388650 | Diploma | Introduction to DBMS: Theory & Practicals | Dr. Myneni Madhu Bala | 2nd Yr |
| 40 | 9789355387332 | Diploma | Theory of Structures | Dr. Arunachalam Subramanian Balu | 2nd Yr |
| 41 | 9789355385062 | Diploma | Microcontrollers and Applications | Prof. Santanu Chattopadhyay | 2nd Yr |
| 42 | 9789355383303 | Diploma | Digital Communication | Prof. Muralidhar Kulkarni, Prof. K. S. Shivaprakasha | 2nd Yr |

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| 43 | 9789355386779 | Diploma | Transportation Engineering (Theory & Practice) | Dr. Raji A K, Dr. K K Babu | 2nd Yr |
| 44 | 9789355383501 | Diploma | Consumer Electronics | Dr. Amit M. Joshi, Prof. (Dr.) Maulin M. Joshi, Dr. Urvashi Prakash Shukla | 2nd Yr |
| 45 | 9789355382481 | Diploma | Aanandam An Act of Community Service | Dr. Shuchi Sharma | 2nd Yr |
| 46 | 9789355384379 | Diploma | Building Planning and Drawing | Dr. Aparna Dwivedi | 2nd Yr |
| 47 | 9789355386373 | Diploma | Electronic Equipment Maintenance | Dr. Chanchal Sharma | 2nd Yr |
| 48 | 9789355382986 | Diploma | Computer Networks: Theory & Practicals | Dr. Brijendra Pratap Singh, Prof. Manoj Madhava Gore | 2nd Yr |
| 49 | 9789355383051 | Diploma | Web Technologies: Theory & Practical | Dr. Raman Dugyala | 2nd Yr |
| 50 | 9789355385901 | Diploma | Electric Power Transmission and Distribution | Dr. Sudhir Sharma | 2nd Yr |
| 51 | 9789355387479 | Diploma | Software Engineering | Prof. Salman Abdul Moiz | 2nd Yr |
| 52 | 9789355387240 | Diploma | Fundamentals of Power Electronics | Prof. Soumitra Kumar Mandal | 2nd Yr |
| 53 | 9789355386137 | Diploma | Induction, Synchronous, and Special Electrical Machines | Dr. K. Selvajyothi, Dr. S. Tamilselvi, Prof. Sarat Kumar Sahoo | 2nd Yr |
| 54 | 9789355382900 | Diploma | Linear Integrated Circuit | Dr. B. T. Krishna | 2nd Yr |
| 55 | 9789355385994 | Diploma | Measurements and Metrology | Dr. A. Gnanavelbabu, Dr. M. Santhanakumar, Mr. R. Saranraj | 2nd Yr |
| 56 | 9789355384287 | Diploma | Water Resource Engineering (Theory & Practice) | Prof. Prakash Chandra Swain Dr. Dillip Kumar Ghose | 2nd Yr |
| 57 | 9789355389831 | Diploma | Thermal Engineering - II | Dr. Parvesh Antil | 2nd Yr |
| 58 | 9789355388360 | Diploma | Design of Steel and RCC Structure | Dr. Sparsh Johari | 3rd Yr |
| 59 | 9789355384966 | Diploma | Estimating, Costing and valuation | Sandeep Panchal | 3rd Yr |
| 60 | 9789355384690 | Diploma | Embedded Systems | Deepa M Dr. G. Santhanamari Ms. Susithra.N | 3rd Yr |
| 61 | 9789355388100 | Diploma | Mobile and Wireless Communication | Dr. Maulin Joshi Dr. Urvashi P. Shukla | 3rd Yr |
| 62 | 9789355384294 | Diploma | Introduction to e-Governance | Dr. Kamal Kant Verma | 3rd Yr |
| 63 | 9789355384959 | Diploma | Internet of Things | Sujata Pal | 3rd Yr |

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| 64 | 9789355385567 | Diploma | Advanced Manufacturing Processes | Dr. Ranjeet Kumar Sahu Mr. Devendra Laxman Kamble | 3rd Yr |
| 65 | 9789355389749 | Diploma | Theory of Machines & Mechanisms | G. C. Mohan Kumar | 3rd Yr |
| 66 | 9789355385048 | Diploma | Microcontroller Applications | Dr Ritula Thakur | 3rd Yr |
| 67 | 9789355384867 | Diploma | Energy Conservation and Audit | Prof. M. Rizwan Dr. Majid Jamil | 3rd Yr |
| 68 | 9789355388704 | Diploma | Public Health Engineering | Dr. Rinku Kumar | 3rd Yr |
| 69 | 9789355388964 | Diploma | Computer Networking and Data Communication | DR. Sanjaya Shankar Tripathy | 3rd Yr |
| 70 | 9789355388513 | Diploma | Design of Machine Elements | Dr. A. Kumaravel Dr. M. Kathirselvam | 3rd Yr |
| 71 | 9789355387790 | Diploma | Production & Operations Management | Mayank Kumar Agrawal | 3rd Yr |
| 72 | 9789355383280 | Diploma | Building Electrification | Dr. Arnab Ghosh | 3rd Yr |
| 73 | 9789355382290 | Diploma | Industrial Engineering & Management | Dr. A. Manimaran | 3rd Yr |



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