

AICTE RECOMMENDED BOOKS *in*

Engineering & Technology as per Model Curriculum under National Education Policy 2020

S#	ISBN-13	Title Name	Author	Website Link
APPLIED SCIENCES (1st Year - Common to All Branches)				
1	9789386173492	Basic Electrical Engineering	Ritu Sahdev	Website Link
2	9789381068533	Computers Fundamentals	R.S. Salaria	Website Link
3	9789386173782	Computer Concepts and Programming in C	R.S. Salaria	Website Link
4	9789381068502	Computing Fundamentals and Programming in C	Nasib Singh Gill	Website Link
5	9789382609940	Effective Communication Skills	Kul Bhushan Kumar, R.S. Salaria	Website Link
6	9789380016757	Engineering Chemistry	Satyaprakash, Manisha Agarwal	Website Link
7	9789386173478	Engineering Graphics and Design	Pradeep Jain, Ankita Maheshwari, A.P. Gautam	Website Link
8	9789386173652	Professional Ethics and Human Values	Premvir Kapoor	Website Link
9	9789386173027	Sociology & Economics for Engineers	Premvir Kapoor	Website Link
10	9789389139112	Programming for Problem Solving	R.S. Salaria	Website Link
ENGINEERING MATHEMATICS				
1	9789386173522	Advanced Engineering Mathematics	Chandrika Prasad, Reena Garg	Website Link
2	9789381068489	Computer Oriented Numerical Methods	R.S. Salaria	Website Link
3	9788190645102	Combinatorics and Graph Theory	S.B. Singh	Website Link
4	9789382609407	Discrete Structures	S.B. Singh, Jai Kishore, Ekata	Website Link
5	9789382609551	Engineering Mathematics-I	Reena Garg	Website Link
6	9789380016511	The Practice of Business Statistics	Manish Sharma, Amit Gupta	Website Link
7	9789380016337	Business Statistics	J.K. Tyagi	Website Link
COMPUTER SCIENCE ENGINEERING				
1	9789381068694	Advanced Computer Organization and Architecture	Ikvinderpal Singh	Website Link
2	9788187325727	An Integrated Approach to Computer Networks	Bhavneet Sidhu	Website Link
3	9789386173454	Beginners Guide for Data Analysis using R Programming	Jeeva Jose	Website Link
4	9789382609520	Business Analytics	Krishnan, Bhambri, Chopra	Website Link
5	9789380016290	Computers Today	A. Ravichandran	Website Link
6	9789381068700	Data Mining and Warehousing	Ikvinderpal Singh	Website Link
7	9789386173966	Data Structures	R.S. Salaria	Website Link
8	9789381068588	Data Structures & Algorithms Using C	R.S. Salaria	Website Link
9	9789381068595	Data Structures Algorithms using C++	R.S. Salaria	Website Link
10	9789382609148	Database Management Systems	R.P. Mahapatra, Govind Verma	Website Link

11	9789386173416	Deep Learning	Rajiv Chopra	Website Link
12	9789382609438	Design & Analysis of Algorithms	Gajendra Sharma	Website Link
13	9789380016153	Digital Image Processing	M.C. Trivedi	Website Link
14	9789381068168	Distributed Systems	Ikvinderpal Singh	Website Link
15	9789386173690	Expert Data Structures with C (w/CD)	R.B. Patel	Website Link
16	9788187522034	Expert Data Structures with C++	R.B. Patel	Website Link
17	9788187325192	Fundamentals of Multimedia	Ramesh Bangia	Website Link
18	9789380016726	Internet & Java Programming	Tanweer Alam	Website Link
19	9789382609810	Introduction to Computing and Problem Solving with	Jeeva Jose	Website Link
20	9789382609391	Mastering Object-Oriented Programming With C++	R.S. Salaria	Website Link
21	9789386173218	Mobile Computing	Brijesh K. Gupta	Website Link
22	9789386173126	Multimedia and Animation	V.K. Jain	Website Link
23	9789380016658	Operating System Concepts	Ekta Walia	Website Link
24	9789381068861	Parallel Algorithms and Computation	Virendra Kumar	Website Link
25	9788190611633	Software Engineering	Nasib Singh Gill	Website Link
26	9789386173348	Taming Python by Programming	Jeeva Jose	Website Link
27	9788190744829	Theory of Automata & Formal Languages	A.P. Shukla	Website Link
28	9789380016528	Theory of Computation (With Formal Languages)	R.B. Patel, Prem Nath	Website Link
29	9789386173423	Machine Learning	Rajiv Chopra	Website Link

ENVIRONMENTAL ENGINEERING

1	9789386173300	Air Pollution and Control Engineering	Rajni Kant, Keshav Kant	Website Link
2	9789386173386	Disaster Management	S.C. Sharma	Website Link
3	9789382609667	Elements of Environmental Pollution Control	O.P. Gupta	Website Link
4	9789382609735	Elements of Land/ Soil Pollution	O.P. Gupta	Website Link
5	9789382609759	Elements of Solid Hazardous Waste Management	O.P. Gupta	Website Link
6	9789386173225	Elements of Water Pollution Control Engineering	O.P. Gupta	Website Link
7	9789386173577	Environmental Engineering	M.P. Poonia, S.C. Sharma	Website Link
8	9789386173638	Environmental Engineering	V.K. Jain	Website Link
9	9789386173096	Environmental Studies	M.P. Poonia, S.C. Sharma	Website Link

CIVIL ENGINEERING

1	9789386173300	Air Pollution and Control Engineering	Rajni Kant, Keshav Kant	Website Link
2	9789382609841	Civil Engineering Construction Materials	S.K. Sharma	Website Link
3	9789386173980	Construction Engineering and Management	S.C. Sharma, S.V. Deodhar	Website Link
4	9789382609667	Elements of Environmental Pollution Control	O.P. Gupta	Website Link
5	9789382609759	Elements of Solid Hazardous Waste Management	O.P. Gupta	Website Link

6	9789386173683	Energy Technology	O.P. Gupta	Website Link
7	9789386173577	Environmental Engineering	M.P. Poonia, S.C. Sharma	Website Link
8	9789386173096	Environmental Studies	M.P. Poonia, S.C. Sharma	Website Link
9	9789382609285	Fluid Machinery (Hydraulic Machines)	Sadhu Singh	Website Link
10	9789381068656	Fluid Mechanics	Sadhu Singh	Website Link
11	9788187522461	Fluid Mechanics and Hydraulic Machines	S.S. Rattan	Website Link
12	9789386173133	Highway Engineering	L.R. Kadiyali	Website Link
13	9789386173072	Industrial Engineering & Management	S.C. Sharma, T.R. Banga	Website Link
14	9789381068991	Open Channel Flow	Saiful Islam	Website Link
15	9789386173744	Plastics & Plastics Technology	R.S. Parmar	Website Link
16	9789386173317	Prestressed Concrete	S.B. Vanakudre, Ashish A. Yaligar	Website Link
17	9789386173706	Principles and Practices of Geoinformatics	P.K. Garg	Website Link
18	9789386173799	River Engineering	S.K. Garg	Website Link
19	9789382609117	Strength of Materials	D.S. Bedi	Website Link
20	9789382609834	Structural Analysis	R. Agor	Website Link
21	9789382609858	Transportation Engineering	L.R. Kadiyali	Website Link

MECHANICAL & PRODUCTION ENGINEERING

1	9789386173331	Basic Mechanical Engineering	M.P. Poonia, S.C. Sharma	Website Link
2	9789386173010	Automobile Mechanics	A.K. Babu, S.C. Sharma	Website Link
3	9789382609056	Construction Equipment and Management	SC Sharma	Website Link
4	9789386173065	Elements of Mechanical Engineering	DS Bedi, MP Poonia	Website Link
5	9789386173713	Electric and Hybrid Vehicles	A.K. Babu	Website Link
6	9789381068946	Engineering AutoCAD	A.P. Gautam, Pradeep Jain	Website Link
7	9788187522461	Fluid Mechanics and Hydraulic Machines	S.S. Rattan	Website Link
8	9789386173072	Industrial Engineering & Management	S.C. Sharma, T.R. Banga	Website Link
9	9789386173287	Machine Drawing	O.P. Jhakar, Amit Mathur	Website Link
10	9789382609575	Machine Design	Sadhu Singh	Website Link
11	9789382609513	Machine Design Data Book	Sadhu Singh	Website Link
12	9789386173836	Principles of Management	Premvir Kapoor	Website Link
13	9789386173089	Refrigeration and Air Conditioning	Sadhu Singh	Website Link
14	9789386173751	Robotics and Process Automation	S. Mukherjee	Website Link
15	9789381068809	Strength of Materials	Sadhu Singh	Website Link

AUTOMOBILE ENGINEERING

1	9789386173157	Automotive Engines	A.K. Babu, V. Antony Aroul Raj	Website Link
2	9789386173010	Automobile Mechanics	A.K. Babu, S.C. Sharma	Website Link

3	9789386173713	Electric and Hybrid Vehicles	A.K. Babu	Website Link
ELECTRONICS & COMMUNICATION ENGINEERING				
1	9789381068922	Advance Microprocessor	A.K. Gautam	Website Link
2	9789386173393	All-in-One Electronics Simplified	A.K. Maini, Nakul Maini	Website Link
3	9789386173584	Analog Electronics	A.K. Maini	Website Link
4	9788187522058	Audio Video Systems	S. P. Bali, Rajeev Bali	Website Link
5	9788187522164	Basic Electronics	S. Biswas	Website Link
6	9789382609445	Digital Electronics	Rishabh Anand	Website Link
7	9789386173546	Electromagnetic Fields and Waves	R.L. Yadava	Website Link
8	9789386173621	Electronics Measurement & Instrumentation	J.G. Joshi	Website Link
9	9788187522089	Networks and Systems	Ashfaq Husain	Website Link
10	9789382609827	Non-Conventional Energy Resources	Ashish Chandra, Taru Chandra	Website Link
11	9789380016818	Power System Analysis	A. Ambikapathy	Website Link
12	9789386173539	Signals and Systems	Rishabh Anand	Website Link
13	9789380016078	Switchgear & Protection	Haroon Ashfaq	Website Link
ELECTRICAL ENGINEERING				
1	9789382609698	Automotive Electrical and Electronics	A.K. Babu	Website Link
2	9789380016948	Control System	A. Ambikapathy	Website Link
3	9789381068786	Digital System Design using VHDL	Rishabh Anand	Website Link
4	9789386173447	Electric Machine-I	G.C. Garg, P.S. Bimbhra	Website Link
5	9789386173607	Electric Machine-II	P.S. Bimbhra	Website Link
6	9789382609858	Transportation Engineering	L.R. Kadiyali	Website Link
7	9789386173379	Electrical Power Generation	Tanmoy Deb	Website Link
8	9789386173683	Energy Technology	O.P. Gupta	Website Link
9	9788187522089	Networks and Systems	Ashfaq Husain	Website Link
10	9789386173355	Utilization of Electric Power and Electric Traction	G.C. Garg	Website Link
CHEMICAL ENGINEERING				
1	9789386173997	Bulk Chemicals from Petroleum	B.K. Bhaskarao	Website Link
2	9789386173553	Elements of Chemical Process Technology	O.P. Gupta	Website Link
3	9789386173324	Elements of Fuel & Combustion Technology	O.P. Gupta	Website Link
4	9789386173362	Elements of Petrochemical Engineering	Saikat Maitra, O.P. Gupta	Website Link
5	9789386173645	Elements of Refectory Technology	O.P. Gupta	Website Link
6	9789386173188	Industrial Safety & Maintenance Management	M.P. Poonia, S.C. Sharma	Website Link
7	9789382609049	Instrumentation and Process Control	D.C. Sikdar	Website Link
8	9789386173614	Process Heat Transfer and Chemical Equipment Design	D.C. Sikdar	Website Link

METALLURGICAL ENGINEERING

1	9789382609032	Essentials of Metallurgical Thermodynamics	R.H. Tupkary	Website Link
2	9789386173119	Objective Type Questions and Answers in Metallurgical	O.P. Gupta	Website Link

PETROLEUM ENGINEERING

1	9789382609728	Elements of Petroleum Refinery Engineering	O.P. Gupta	Website Link
2	9789386173249	Objective Type Questions and Answers in Petroleum	Vikas Mahto	Website Link
3	9789386173195	Outlines of Chemical & Petroleum Engineering	Suryanaryana, Vikas Mahto	Website Link

EMERGING TECHNOLOGIES

1	9788190698894	A Classical Approach to Artificial Intelligence	Munesh Chandra Trivedi	Website Link
2	9789382609131	Big Data & Hadoop	V.K. Jain	Website Link
3	9789380016801	Cryptography and Network Security	V.K. Jain	Website Link
4	9789386173676	Data Science & Analytics	V.K. Jain	Website Link
5	9789386173058	Hacking	Harsh Bothra	Website Link
6	9789381068243	Information Security & Cyber Laws	Gaurav Gupta, Sarika Gupta	Website Link
7	9789386173591	Internet of Things	Jeeva Jose	Website Link
8	9789386173669	Machine Learning	V.K. Jain	Website Link
9	9789386173751	Robotics and Process Automation	S. Mukherjee	Website Link
10	9789386173720	Block Chain and Crypto Currencies	Anshul Kaushik	Website Link
11	9789386173423	Machine Learning	Rajiv Chopra	Website Link
12	9789386173768	3D Printing and Design	Sabrie Soloman	Website Link