No. A4/EQ 11/2023   29/11/2023

ENQUIRY NOTICE

Sub: TKM College of Engineering Kollam – Central Library – Purchase of Books for Mechanical Engineering, Electronics & Communication Engineering and Electrical and & Electronics Engineering - Quotations called for - Reg.

The attached list of books of Mechanical Engineering, Electronics & Communication Engineering and Electrical & Electronics Engineering are urgently required for the College Library of TKM College of Engineering. The Quotation may be sent so as to reach us on or before ...11.-.12.-....2023 at 4 PM.

TERMS AND CONDITIONS

1. Please indicate our reference number in your quotation.

2. Your quotation should normally be valid for at least 45 days.

3. When the books cannot be supplied from the ready stock, delivery period should be specified in the quotation.

4. GST and other charges, if any should be clearly specified in the Quotation.

PRINCIPAL

MECHANICAL ENGINEERING

Sl No.	Text books	No. of books to purchase
1	C M Agrawal, Basant Agrawal, Engineering Drawing, McGraw Hill Education	5
2	Balachandran, P. Basic Mechanical Engineering, Owl Books	10
3	Mechanics of Materials, Pytel A. and Kiusalaas J. Cengage Learning India Private Limited, 2nd Edition, 2015	3
4	P.N. Modi, S.M. Seth, Fluid Mechanics, Rajson Publications	5
5	Callister William. D., Material Science and Engineering, John Wiley, 2014	10
6	Raghavan V, Material Science and Engineering, Prentice Hall,2004	10
7	Myers Marc and Krishna Kumar Chawla, Mechanical behavior of materials, Cambridge University press,2008	10
8	Allen, D. T. and Shonnard, D. R., Sustainability Engineering: Concepts, Design and Case Studies, Prentice Hall.	2
9	Bradley. A.S; Adebayo,A.O., Maria, P. Engineering applications in sustainable design and development,Cengage learning	2
10	Environment Impact Assessment Guidelines, Notification of Government of India, 2006	2
11	Mackenthun, K.M., Basic Concepts in Environmental Management, Lewis Publication, London, 1998	2
12	Ni bin Chang, Systems Analysis for Sustainable Engineering: Theory and Applications,McGraw-Hill Professional	2
13	Purohit, S. S., Green Technology - An approach for sustainable environment, Agrobios Publication	2
14	S. S. Rattan, Theory of Machines, Tata Mc Graw Hill,2009	10
15	R S Khurmi, J K Gupta, Theory of Machines, S. Chand Publication	5
16	Rathore, Thermal Engineering, McGraw Hill Education India, 2010.	2
17	R S Khurmi, Thermal Engineering, S Chand, 2006	5
18	Martand T. Telsang, "Industrial Engineering & Production Management", S. Chand and Company Limited, 2018.	5
19	M. Mahajan, "Industrial Engineering & Production Management", Dhanpat Rai & Co. (P) Limited,	5
20	Philips E. Hicks, "Industrial Engineering and Management – A new perspective", McGraw Hill International Editions, New York, 1994	5
21	B. Kumar "Industrial Engineering and Management ", Khanna Publishers,2013.	5
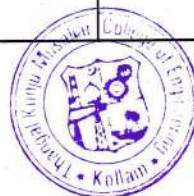
22	S.R. Devadasan, V. Mohan Sivakumar, R. Murugesh and PR Shalij, "Lean and Agile Manufacturing: Theoritical, Practical and Research Futurities"PHI Learning Private Limited, New Delhi,2012	5
23	Ravi Shankar, "Industrial Engineering and Management", Golgotia Publications Pvt Ltd, NewDelhi, 2009.	5
24	Vipin Gopan, Machine tools and Metrology, Owl books	10
25	A K Swahney, M Mahajan,Measurements and Metrology,Dhanpat Rai & Co	7
26	HajraChoudary, Elements of workshop technology, Vol I & II, Media Publishers.	3
27	David T Allen, David R Shonnard, Sustainable Engineering: Concepts, Design and CaseSstudies Pearson Education India	2
28	Rag R. L. , Remesh Lekshmi Dinachandran Introduction to Sustainable Engineering, 2nd edn PHI Learning	10
29	R Raghavendra,Design of Machine Elements II, CBS Publishers	6
30	Robert C Juvinall, Kurt M Marshik, Machine Component Design, WILEY Publisher	2
31	R.K Jain (2000) Industrial Safety, Health and Environment management systems, Khanna Publications.	5
32	Ronald P Blake(1973), Industrial safety, Prentice Hall, New Delhi	2
33	Baldev Raj, Practical Non – Destructive Testing, Narosa Publishing House ,1997	10
34	B Mahadevan, Operations Manangement Theory & Practise, Pearson Publisher	5
35	Lee J Krajewski, Manoj Malhotra, Larry P Ritzman, Operation Management-processes &supply chain, Pearson	2
36	Kanishka Bedi, Quality Management, Oxford Publications	5
37	Rajput, Refrigeration and Air-Conditioning, Laxmi Publishers	5
38	ASHRAE Handbook	4 volumes
39	Y. A. Cengel and M. A. Boles, Thermodynamics an Engineering Approach, McGraw Hill	5
40	Serope Kalpakjian, Steven R. Schmid - Manufacturing Engineering and Technology, Pearson	2
41	John D Anderson Jr, Computational Fluid Dynamics, McGraw-Hill Book Company	2
42	Sachdeva R.C., Fundamentals of Engineering Heat and Mass Transfer, New Age Science Limited, 2009	5
43	Amithabha Ghosh and Asok Kumar Malik, Theory of Mechanisms and Machines, East West Press, 2011	5
44	Kirpal Singh, Automobile Engineering Vol.1 & Vol.2, Standard Publishers, 13th edition, 2020.	3
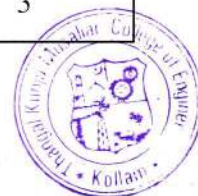
45	Parmar R.S., "Welding Engineering and Technology" Khanna Publishers, Delhi, 1997	3
46	Suganthi, L and Anand A Samuel, "Total Quality Management", Prentice Hall India Learning Private Limited, 2009.	3
47	Dr.Prasanna Chandra. Project Planning, Implementation and Review. Tata McGraw Hill , NewDelhi.	3
48	Tiwari G N, Ghosal M K, Fundamentals of renewable energy sources, Alpha Science International Ltd., 2007	3
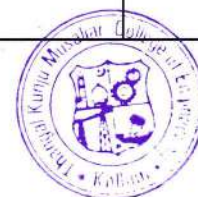
ELECTRONICS AND COMMUNICATION ENGINEERING

Sl No	Author	Text Book	Number
1	Stuart Russell and Peter Norvig	Artificial Intelligence: A Modern Approach, 3rd Edition. Prentice Hall	2
2	Nilsson N.J	Artificial Intelligence - A New Synthesis, Harcourt Asia Pvt. Ltd	1
3	Hamacher C., Z. Vranesic and S. Zaky	Computer Organization	2
4	William Stallings	Computer Organization and Architecture: Designing for Performance	2
5	R.B. Patel	Expert Data Structures with C	1
6	Sartaj Saini	Fundamentals of Data Structures	1
7	H. Partab	Art and utilization of electrical energy	2
8	Robert B. Northrop	Introduction to Instrumentation and Measurement, 3rd Edition	2
9	Clarence W. de Silva	Sensor Systems. Fundamentals and	1
10	SABU G R	COMPUTER FUNDAMENTALS WITH C PROGRAMMING	4
11	R RAJARAM	COMPUTER CONCEPTS AND C	4
12	BASAVARAJ S ANAMI, SHANMUKHAPPA A ANGADI, SUNILKUMAR S MANVI	COMPUTER CONCEPTS AND C PROGRAMMING	2
13	E BALAGURUSAMY	COMPUTING FUNDAMENTALS & C	6
14	GARY J BRONSON	ANSI C PROGRAMMING	2
15	VIKAS GUPTA	COMPUTER CONCEPTS AND C	2
16	RICHARD A JOHNSON	JAVA PROGRAMMING AND OBJECT-ORIENTED APPLICATION DEVELOPMENT	1
17	JOHN P FLYNT	JAVA PROGRAMMING	1
18	HERBERT SCHILDT	JAVA: THE COMPLETE REFERENCE	7
19	M P BHAVE, S A PATEKAR	PROGRAMMING WITH JAVA	1
20	LALIT ARORA	OBJECT ORIRNTED SYSTEM WITH JAVA	1
21	V VIJAY BHASKAR, P VENKATA SUBBA REDDY	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	1
22	G RAMESH KUMAR	PROGRAMMING IN JAVA	1
23	Dr.G T THAMPI	OBJECT ORIENTED PROGRAMMING IN JAVA	1
24	JOYCE FARRELL, ANKIT R BHAVSAR	JAVA FOR BEGINNERS	1
25	E BALAGURURUSAMY	PROGRAMMING WITH JAVA	1
26	RALPH BRAVACO, SHAI SIMONSON	JAVA PROGRAMMING :	1
27	E BALAGURUSAMY	PROGRAMMING WITH JAVA : A PRIMER	1
28	N GURUPRASAD	DATA STRUCTURES USING C	1
29	YEDIDHYAH LANGSAM, MOSHE J AUGENSTEIN, AARON M TANENBAUM	DATA STRUCTURES USING C AND C++	1
30	UDIT AGARWAL	DATA STRUCTURES USING C	7
31	AMIYA KUMAR RATH, ALOK KUMAR JAGADEV	DATA STRUCTURES USING C	1
32	KRISHAN KUMAR	DATA STRUCTURES USING C	1
33	ALFRED V AHO, JOHN E HOPCROFT, JEFFREY D ULLMAN	DATA STRUCTURES AND ALGORITHMS	1
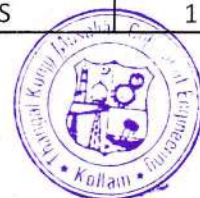
34	JEAN PAUL TREMBLAY, PAUL G SORENSON	AN INTRODUCTION TO DATA STRUCTURES WITH APPLICATIONS	1
35	RICHARD F GILBERG, BEHROUZ A FOROUZAN	DATA STRUCTURES	6
36	WILLIAM STALLINGS	COMPUTER ORGANIZATION & ARCHITECTURE	6
37	JOHN P HAYES	COMPUTER ARCHITECTURE AND	3
38	SIVARAMA P DANDAMUDI	FUNDAMENTALS OF COMPUTER ORGANIZATION AND DESIGN	1
39	WILLIAM GEAR	COMPUTER ORGANIZATION AND	1
40	V CARL HAMACHER, ZVONKO G VRANESIC,SAFWAT G ZAKY	COMPUTER ORGANIZATION	1
41	DAVID A PATTERSON, JOHN L HENNESSY	COMPUTER ORGANIZATION AND DESIGN	1
42	ABRAHAM SILBERSCHATZ, PETER BAER GALVIN, GREG GAGNE	OPERATING SYSTEM CONCEPTS	8
43	ANDREW S TANENBAUM , ALBERT S WOODHULL	OPERATING SYSTEM	5
44	DHANANJAY M DHAMDHERE	OPERATING SYSTEMS	2
45	PRAMOD CHANDRA P BHATT	AN INTRODUCTION TO OPERATING SYSTEM	2
46	GARY NUTT, NABENDU CHAKI, SARMISTHA NEOGY	OPERATING SYSTEMS	1
47	ALEXIS LEON , MATHEWS LEON	DATABASE MANAGEMENT SYSTEMS	1
48	R PANEERSELVAM	DATABASE MANAGEMENT SYSTEMS	1
49	PRANAB KUMAR DAS GUPTA	DATABASE MANAGEMENT SYSTEM:	1
50	MARK L GILLENSON	FUNDAMENTALS OF DATABASE MANAGEMENT SYSTEMS	1
51	P K YADAV	DATABASE MANAGEMENT SYSTEM	1
52	Er RAJIV CHOPRA	DATABASE MANAGEMENT SYSTEMS (DBMS)	1
53	ITL EDUCATION SOLUTION LIMITED	DATABASE MANAGEMENT SYSTEMS	1
54	RAJIB MALL	FUNDAMENTALS OF SOFTWARE ENGINEERING	1
55	RICHARD H THAYER	SOFTWARE ENGINEERING PROJECT	1
56	ROGER S PRESSMAN	SOFTWARE ENGINEERING	1
57	VIKRAM BALI, SHIVANI BALI	SOFTWARE ENGINEERING	1
58	BHARAT BHUSHAN AGARWAL,SUMIT PRAKASH TAYAL	SOFTWARE ENGINEERING	1
59	UDIT AGARWAL	SOFTWARE ENGINEERING	5
60	J S NARANG, N GROVER.Ms R GUPTA	SOFTWARE ENGINEERING	1
61	CARLO GHEZZI, MEHDI JAZYAYERI,DINO MANDRIOLI	FUNDAMENTALS OF SOFTWARE ENGINEERING	1
62	IAN SOMMERVILLE	SOFTWARE ENGINEERING	
63	Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow" by Aurélien Géron	FUNDAMENTALS OF MACHINE LEARNING	1
64	MARK L GILLENSON	MACHINE LEARNING	4
65	Machine Learning: The Art and Science of Algorithms that Make Sense of Data" by Peter Flach:	MACHINE LEARNING	2

66	Pattern Recognition and Machine Learning" by Christopher M. Bishop:	MACHINE LEARNING	2
67	Machine Learning: A Probabilistic Perspective" by Kevin P. Murphy:	MACHINE LEARNING	1
68	ODED GOLDREICH	FOUNDATIONS OF CRYPTOGRAPHY	5
69	BEHROUZ A FOROUZAN DEBDEEP MUKHOPADHYAY	CRYPTOGRAPHY AND NETWORK SECURITY	5
70	ITL EDUCATION SOLUTION LIMITED	CRYPTOGRAPHY AND NETWORK SECURITY	3
71	ATUL KAHATE	CRYPTOGRAPHY AND NETWORK SECURITY	1
72	WILLIAM STALLINGS	CRYPTOGRAPHY AND NETWORK SECURITY	1
73	TOM M MITCHELL	MACHINE LEARNING	2
74	HARSH BHASIN	PROBLEM SOLVING AND PYTHON	3
75	KENNETH A LAMBERT	FUNDAMENTALS OF PYTHON	3
76	CHARLES R SEVERANCE	PYTHON FOR EVERYBODY	3
77	ZED A SHAW	LEARN PYTHON 3 THE HARD WAY	2
78	PAUL DEITEL HARVEY DEITEL	PHYTHON FOR PROGRAMMERS	4
79	MICHAEL URBAN JOEL MURACH	MURACH'S PHYTHON PROGRAMMING	
80	CHRIS BATES	WEB PROGRAMMING	3
81	XUE BAI, MICHAEL EKEDAHL, JOYCE FARRELL, DON GOSSELIN, DIANE ZAK, SHASHI KAPARTHI, PETER MCLNTYRE, BILL MORRISSEY	THE WEB WARRIOR GUIDE TO WEB PROGRAMMING	1
82	"Deep Learning" by Ian Goodfellow, Yoshua Bengio, and Aaron Courville:	DEEP LEARNING	3
83	Neural Networks and Deep Learning: A Textbook" by Charu C. Aggarwal:	DEEP LEARNING	2
84	"Concepts of Programming Languages" by Robert W. Sebesta:	PROGRAMMING PARADIGMS	1
85	"Programming Paradigms in Depth" by Peter A. Van Roy and Seif Haridi:	PROGRAMMING PARADIGMS	1
86	JIAWEI HAN AND MICHELINE KAMBER	DATA MINING	3
87	A B M SHAWKAT ALI, SALEH A WASIMI	DATA MINING : METHODS AND TECHNIQUES	2
88	ARUN K PUJARI	DATA MINING TECHNIQUES	1
89	RAJIV CHOPRA	SOFTWARE TESTING	3
90	ARUNKUMAR KHANNUR	SOFTWARE TESTING	3
91	LOUISE TAMRES	INTRODUCING SOFTWARE TESTING	1
92	M G LIMAYE	SOFTWARE TESTING	1
93	PAUL C JORGENSEN	SOFTWARE TESTING	1
94	TERESA K ATTWOOD,DAVID J PARRY-SMITH,SAMIRON PHUKAN	INTRODUCTION TO BIOINFORMATICS	1
95	RUCHI SINGH, RICHA SHARMA	BIOINFORMATICS	2
96	DAN E KRANE , MICHAEL L RAYMER	FUNDAMENTAL CONCEPT OF	2
97	TERESA K ATTWOOD,DAVID J PARRY-SMITH,SAMIRON PHUKAN	INTRODUCTION TO BIOINFORMATICS	1

ELECTRICAL AND ELECTRONICS ENGINEERING

SL NO	TITLE	AUTHOR	NUMBER OF COPIES
1	Digital Design	Mano M Morris	4
2	Digital Circuit System	Douglas V Hall	3
3	Digital Electronics Principals device and applications	Anil Kumar Maini	3
4	Fundamentals of digital circuits	Anand Kumar	5
5	Machine learning in VLSI computer- Aided design	Abraham M Elfadel	3
6	Network analysis and synthesis	Ravish R Singh	10
7	Signals and systems	Anand kumar	10
8	Solid state devices and technology	V Suresh Babu	10
9	Professional ethics and human values	R S Naagarazan	4
10	Industrial safety	Ronald P Beke	5
11	Satellite communication	D C Agarwal	4
12	Digital communication	Nishanth Nazimudeen	5
13	Human physiology	Stuart Fox , Krista Rompo Leski	2
14	Biology for engineers	Thyagarajan S , Selva Murugan N	3
15	Indroduction to sustainable engineering	Shibu Krishnan	3
16	Control Systems engineering	Nagrath M Gopal	3
17	Indroduction to biomedical equipment technology	Joseph J Carr	2
18	Linear intregated circuits	Roy choudhary	5
19	Linear intregated circuits	Salivahanan	4
20	Biomedical instrumentation	Dr. M Armugam	3