

Draft List of Books according to 3rd Semester Revised Syllabus-2025-26

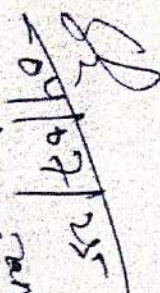
SL NO	BOOKS NAME	AUTHOR	PUBLISHER	QTY
1	Introduction to IT systems (English)	Prof. Prashant Joshi	Khanna Pub.	30
2	Applied Physics-I	Prof. Vinod Kumar Yadav	Khanna Pub.	20
3	Applied Physics- II	Prof. Vinod Kumar Yadav	Khanna Pub.	20
4	Applied Physics Vol. I	JN Jaiswal	TTI Publications, Tata McGraw Hill, Delhi.	20
5	Applied Physics Vol. II	JN Jaiswal	TTI Publications, Tata McGraw Hill, Delhi.	20
6	Engineering Mechanics	Prof. bhankhar Bharat Gokaldas	Khanna Pub.	10
7	Workshop Practice	Singh, Swarn	S.K. Kataria & Sons	20
8	Applied Chemistry	Anuj Rawley, Devdatta Vinayakrao	Khanna Book Publishing Co. P. LTD.	50
9	Engineering Graphics (English)	Dr. Sharad K. Pradhan	Khanna Pub.	40
10	Light on Yoga	B.K.S. Iyengar		10
11	Health & Physical Education-CBSE (11th & 12th classes)		CBSE	10
12	Introduction to Chemical engineering	S. K. Ghosal,	McGraw Hill	10
13	Introduction to Chemical engineering	Pushpavanam. S.	PHI Learning	10
14	Organic chemistry	R.T. Morrison, R.N. Boyd	Pearson	5
15	Material Science & Engineering	Raghavan	PHI Learning	5
16	Stoichiometry and Process Calculations	V Narayan and B Lakshminikutty	Prentice Hall of India Ltd.	5
17	Chemical Engineering Vol-1	J.M.Coulson and J.F. Richardson	Butterworth Heinemann	5

SL NO	BOOKS NAME	AUTHOR	PUBLISHER	QTY
18	C Programming & Data Structures	B. A. Fouruzan and R. F	Gilberg, CENGA	10
19	Data Structures	Seymour Lipschutz (Schaum Series)		10
20	Fundamentals of Computer Algorithms	Horowitz, E & Sahani, S - Galgotia		10
21	TCP/IP Illustrated, Volume-1	W. Richard Stevens	Addision Wesley	2
22	An Engineering Approach to Computer Networking	S. Keshav	Addision Wesley/Pearson	2
23	An Integrated Approach to Computer Networks	Bhavneet Sidhu,	Khanna Publishing House	2
24	Computer Architecture and Organization	Govindarajulu	TMH	2
25	Computer Organisation & Design	Pal Chaudhur	PHI	2
26	Computer Organisation	V. C. Hamacher, Z. G. Vranesic & S. G. Zaki,	MGH	2
27	Operating systems	Deitel & Deite	Pearson Education, India	10
28	Core Java Volume I – Fundamentals	Cay S. Horstmann, 11th Edition	Pearson Education	10
29	Head First Java: A Brain-Friendly Guide	Kathy Sierra and Bert Bates, 2nd Edition	Kathy Sierra and Bert Bates, 2nd Edition	2
30	Python Programming Using Problem Solving Approach	Reema Thareja	Oxford University Press, New Delhi, 2017	10
31	Information Systems Security: Security Management, Metrics, Frameworks and Best Practices	2nd edition	Wiley Publication	10
56	Principles of Information Security	Michael E. Whitman, Herbert J. Mattord 7th Edition	Cengage Learning Publisher, 2021	10
32	Cryptography and Network Security: Principles and Practice	William Stallings, Global Edition 2022	Pearson Education	2
33	Information Theory and Coding	Murildhar Kulkarni, K.S. Shivaparakasha	Wiley Publication	2

SL NO	BOOKS NAME	AUTHOR	PUBLISHER	QTY
34	Taming Python by Programming	Jeeva Jose	Khanna Publishing House	2
35	Starting Out with Python	Tony Gaddis	Pearson	2
36	Core Python Programming	Wesley J. Chun	Prentice Hall	2
37	Python Programming: Using Problem Solving Approach	Reema Thareja	Oxford University Press	2
38	Introduction to Computation and Programming Using Python	John V. Guttag	MIT Press	2
39	Practical Programming: An Introduction to Computer Science using Python 3	Paul Gries	The Pragmatic Bookshelf	2
40	Object Oriented Programming with C++	E. Balagurusamy	McGraw-Hill Education (India)	10
41	C++: The Complete Reference	Schildt	McGraw-Hill Education (India)	10
42	C++ and Object Oriented Programming	Jana	PHI Learning	10
43	Python Programming: An Introduction to Computer Science, 2nd Edition	John M. Zelle	No Starch Press, San Francisco, 2019.	10
44	Python Programming Using Problem Solving Approach	Reema Thareja	Oxford University Press, New Delhi, 2017	10
45	Python Programming: A Modular Approach with Graphics, Database, Mobile, and Web Applications	Sheetal Taneja and Naveen Kumar	Pearson India, New Delhi, 2018.	10
46	Laboratory Manual on Testing of Engineering Materials	Sood H	New Age Publishers, NewDelhi.	10
47	Civil Engineering Construction Materials	S.K. Sharma	Khanna Publishing House, Delhi	10
48	Building Construction	S. P. Arora and Bindra	Dhanpat Rai Publication, Delhi.	10
49	Building Construction	Janardan Zha	Khanna Publication	10

SL.NO	BOOKS NAME	AUTHOR	PUBLISHER	QTY
50	Laboratory Manual in Highway Engineering	Duggal, Ajay K. and Puri, V. P	New Age International (P) Limited, Publishers, New Delhi	10
51	Concrete Technology	Shetty, M.S	S. Chand and Co. Pvt. Ltd., Ram Nagar, Delhi	10
52	Geotechnical Engineering(Soil Mechanics)	Rammamurthy, T.N. & Sitharam, T.G	S Chand and Company LTD., New Delhi	10
53	Strength of Materials	B.C.Purnima, Ashok Kumar Jain & Arun Kumar Jain	Laxmi Publications, New Delhi, 2013	5
54	Material Science and Metallurgy	D.S.Nutt	S.K.Kataria and Sons, New Delhi	10
55	Fluid Mechanics and Hydraulic Machines	S.S. Rattan	Khanna Publishing House, New Delhi	5
56	Hydraulic, fluid mechanics and fluid machines	S. Ramamurtham	Dhanpat Rai and Sons, New Delhi	5
57	Operational Amplifier & Linear Integrated Circuit	R.K. Geakward N.N.Bhargava, D.C.Kulshreshtha & S. C. Gupta	PHI	10
58	Basic Electronics & Linear Circuits	Gupta	McGraw Hill	5
59	Millman's Electronic Devices and Circuits	Millman, Halkias, Satyabratajit	McGraw-Hill	10
60	Micro Electronic Circuits	Adel S. Sedra, Kenneth C. Smith	Oxford publication	10
61	Communication System	V. Chandrasekhar	OXFORD Publication	5
62	Principle of Communication	Louis E.frenzel	TMG	10
63	Microprocessor and Interfacing Programming and Hardware	Douglas, V.Hall	McGraw Hill Inc.	5
64	Microcontroller Hand Book	INTEL	INTEL	5
65	Handbook of Experiments in Electronics & Communication Engg.	S P Rao & B.Sasikala	VIKAS	5
66	Electrical Power Generation	Tanmoy Deb,	Khanna Publishing House	10

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67	Generation of Electrical Energy	B.R. Gupta	S. Chand & Co.	10
68	Network Analysis,	M. E. Van Valkenburg;	Prentice Hall	10
69	Electric Circuit Theory	Chattopadhyay, Rakshit	S. Chand & Co	10
70	Electrical and Electronic Measurement and Instrumentation	R.K. Rajput	S. Chand & Co	10
71	Electrical Machines, Vol-I, II, ,	G.C.Garg & P.S.Bimbhra	Khanna Book	10
72	Principles of Electrical Machines	V.K. Mehta, and Rohit Mehta	S. Chand & Co	10
73	Renewable Energy Sources and Emerging Technologies,	D.P.Kothari,	PHI	10
74	MATLAB and Simulink for Engineers	Agam Kumar Tyagi	OXFORD Higher	10
75	"Modeling& Simulation using MATLAB – Simulink From Sunlight to Electricity: a practical handbook on solar photovoltaic application	Shailendra Jain,	Wiley	10
76	Microbiology, An Introduction (International Edition), 8th Ed	Suneel Deambi	TERI, New Delhi.	10
77	Principles of Biochemisrty	G. Tortora, B. Funke and C. Case	Pearson Education	5
78	Cell and Molecular Biology. 8th edition.	W. W. Parson, D. E. Vance and G.L.	Wm. C. Brown Publishers	5
79	B. R. Glick and J.J. Pastemak, Molecular Microbiological applications: a laboratory manual in general microbiology	De Robertis, E.D.P. and De Robertis	Lippincott Williams and Wilkins,	5
80	Lab Manual of Biochemisrty by Joy P	B. R. Glick and J.J. Pastemak		5
81		Benson HJ	McGraw-Hill New York, NY.	5
82		Joy P Surya S. and		5
			Total	760


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Affiliated to AICTE & Admn. control of Directorate of Technical Education & Training, Odisha, Cuttack

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QUOTATION CALL NOTICE

Notice no. 1355 Dated: 05.07.2025

Sealed Quotations are invited from reputed Publisher/firm for Supply of books as per revised syllabus of 3rd semester session 2025-26 prescribed by SCTE&VT of U.C.P. Engineering School, Berhampur for the year 2025-26. The sealed quotations shall reach the undersigned on or before 22.07.2025 at 04.00 PM positively. The same will be opened before the purchase Committee of this institution on 22.07.2025 at 05.00 PM. The Authority reserves the right to cancel partly or fully without assigning any reason thereof.

The detail of books can be obtained from the officer in-charge, library of U.C.P. Engineering, School Berhampur during the office hours or visit our website www.ucpesbam.in For any further query please contact via Email-principalucpes@gmail.com

Encl: As above


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Memo No 1357 / Date 05.07.2025

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