

भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

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Department-wise List of Books and other Documents procured during the month of January, 2020

Sl. No.	Individual Sl. No.	ISBN	Title	Author	Publisher	Edition/ Year	No. of Copies
Centre for Biomedical Engineering (CBME)							
1	1	9780387368252	Tissue mechanics	Cowin, Stephen C. and Stephen B. Doty	Springer	2007	1
2	2	9781439810514	A Laboratory Manual in Biophotonics	Backman, Vadim	CRC Press/ Taylor & Francis Inc.	2018	1
3	3	9783527410477	Handbook of Biophotonics: Vol. 1: basics and techniques	Popp, Jürgen	Wiley	2012	1
4	4	9783527410484	Handbook of Biophotonics: Vol. 2: photonics for health care	Popp, Jürgen	Wiley	2011	1
Chemical Engineering							
5	1	9789389212310	Chemical engineering thermodynamics - theory and applications	Ravi, R.	Ane Books Pvt. Ltd.	2019	2
6	2	9781107091238	Optimization in chemical engineering	Suman Dutta	Cambridge University Press	2016	5
7	3	9781292161044	Fluid mechanics for engineers in SI units	David Chinnery	Pearson Education Limited	2017	1
8	4	9780815374312	Fluid mechanics and heat transfer	William Roy Penney	CRC Press	2018	1
Civil Engineering							
9	1	9781138049260	Understanding building failures	Douglas James & Ransom Bill	Routledge	4th ed. 2017	5
10	2	9788173716706	Structural design and drawing : reinforced concrete and steel	Raju N Krishna	Universities Press	3rd edn 2014	5
11	3	9788126574155	Introduction to soil mechanics	Bodo Bela & Colin Jones	Wiley	2018	2

Computer Science Engineering							
12	1	9781587144561	IoT Fundamentals: Networking Technologies, Protocols, and Use Cases for the Internet of Things	Hanes, David	Cisco Press	1st Ed., 2018	2
13	2	9780996025522	Internet of Things: a hands-on approach	Bahga, Arshdeep	Universities Press (India) Pvt. Ltd.	1st Ed., 2015	2
14	3	9789386551832	21 IoT Experiments: learn IoT, the programmer's way	Kanetkar, Yashavant and Korde, Shrirang	BPB Publications	1st Ed., 2018	2
15	4	9789386228826	The Idol thief	Kumar, S. Vijay	Juggernaut	2018	1
16	5	9780199233212	The Nature of computation	Moore, Christopher and Mertens, Stephan	OUP Oxford	1st Ed., 2011	1
Electrical Engineering							
17	1	9789813208599	Microstrip patch antennas	Lee, Kai Fong ... [et al.]	World Scientific Publishing	2nd ed., 2017	1
Humanities & Social Sciences (HSS)							
18	1	9781788110679	Handbook on green growth	Fouquet, Roger (Ed.)	Edward Elgar Publishing Ltd	2019	1
Mathematics							
19	1	9780387406244	Algebra Vol.1	Waerden, B.L. van	Springer-verlag	1991	5
20	2	9789813200401	Metric in measure spaces	Yeh, J	World Scientific Publishing	2018	1
21	3	9781138044494	Concise introduction to linear algebra	Qingwen Hu	Crc Press	2018	1
22	4	9780821887950	Numbers and functions	Victor H. Moll	Ams	2012	1
Mechanical Engineering							
23	1	9788174091260	Welding processes and technology	Parmar, R.S.	Khanna Publishers	2009	5
24	2	9780821887950	Welding eengineering technology	Parmar, R.S.	Khanna Publishers	2010	10
Metellurgical and Materials Engineering (MME)							
25	1	9788185095639	Extraction of nonferrous metals	Ray,H.S. and Abraham, K.P.	Affiliated East-West Press	2008	12
26	2	9781138031753	Phase transformation in metals and alloys	Porter, David A. ... [et al.]	CRC Press	3rd ed., 2017	10

27	3	9788120340954	Heat treatment: principles and techniques	Rajan, T.V. and Sharma, C.P.	Prentice Hall India	2nd ed., 2010	12
Physics							
28	1	9780198526827	Cosmology	Weinberg, Steven	Oxford University Press	2019	1
Gifted Books							
Gifted by Sh. Surinder Singh Bajwa, Principal- Adarsh Sr. Sec. School, Sri Anandpur Sahib							
29	1	8174092137	Satellite communications	Agarwal, D.C.	Khanna	2012	1
30	2	8121911141	A textbook of production technology	Sharma, P.C.	S. Chand	2002	1
31	3	9788184927665	Optical fiber communications	Kalavar, A.	Tech-Max	2013	1
32	4	9788131808030	A textbook of engineering mathematics	Bali, N.P. and Goyal Manish	Laxmi Publications	3rd ed., 2010	1
33	5	8184071027	Electromagnetic field theory	Barapate, R.A. and Singh, Kulwinder	Tech-Max	2011	1
34	6	818407347x	Linear integrated circuits	Katre, J.S.	Tech-Max	2011	1
35	7	9789380027302	Workshop practice	Singh, Swarn	S.K. Kataria	2008	1
36	8	9789350140338	Wireless communication	Kundra, /aman and Sandhu, Amita	S.K. Kataria	2011	1
37	9	9788177000009	Circuit theory	Chakrabarti, A.	Dhanpat Rai	6th ed, 2010	1
38	10	9788131711323	Organizational behaviour	Robbins, S.P. ... (et al.)	Pearson	12th ed, 2007	1
39	11	9788177587241	Management	Robbins, S.P. and Coulter, Mary	Pearson	8th ed., 2006	1
40	12	9788177583502	Business environment	Saleem, Shaikh	Pearson	3rd ed., 2008	1
41	13	8184074727	Digital signal processing	Barapate, R.A. and Karte, J.S.	Tech-Max	2003	1
42	14	9788131710265	The 8051 microcontroller and embedded system	Mazidi, M.A. ... [et al.]	Pearson	2nd ed., 2009	1
43	15	9788184079074	Microprocessors and its application	Shah, U.S.	Tech-Max	7th ed., 2012	1
44	16	8186720016	Elements of mechanical engineering	Singh, Birinder	Kaption Publishing	2003	1
45	17	NA	Applied physics	Verma, S.C. and Sandhu, J.S.	Ajay Publications	7th ed., 2009	1

46	18	9788131808030	A textbook of engineering mathematics	Bali, N.P. and Goyal Manish	Laxmi Publications	3rd ed., 2010	1
47	19	9788177584189	Fiber-optic communication technology	Mynbaev, D.K. and Scheiner, L.L.	Pearson	2001	1
48	20	9780070598560	Management: a globl perspective	Wehrich, Heinz and Koontz, Harold	Tata McGrawHill	11th ed., 2005	1
49	21	9788190691925	Automatic control systems	Saeed, S.H.	S.K. Kataria	2008	1
50	22	9788185623221	Object-oriented programming in turbo C++	Lafore, Robert	Galgotia	1991	1
51	23	9788184078893	Electronics measurement and instrumentation	Shah, U.S.	Tech-Max	2010	1
52	24	9780070635999	Mobile cellular telecommunications	Lee, William C.Y.	Tata McGrawHill	2nd ed., 1995	1
53	25	9788175749089	Signals and systems	Sharma, Sanjay	S.K. Kataria	6th ed., 2011	1
54	26	9788120325968	Pulse and digital circuits	Kumar, A. Anand	Prentice Hall India	2006	1
55	27	9780070499355	Data communication and networking	Forouzan, B.A.	Tata McGrawHill	2nd ed., 2001	1
56	28	9788184077872	Compter networks	Kante, J.S.	Tech-Max	9th ed., 2013	1
57	29	8174091076	Linear control systems	Manke, B.S.	Khanna	2008	1
58	30	9788184928266	Antenna and wave propagaation	Wali, Sandeep	Tech-Max	2011	1
59	31	9788184078862	Antenna and wave propagaation	Shah, U.S. and Singh, Jagtar	Tech-Max	2nd ed., 2009	1
60	32	9788184078879	Total quality management	Kansal, Ranul and Kansal, Shikha	Tech-Max	2nd ed., 2011	1
61	33	9788131802496	Solutions to engineering mathematics	Gandhi, C.P.	Laxmi Publications	2007	1
62	34	9788125921400	A textbook of accounting for management	Maheshwari, S.N. and Maheshwari, S.K.	Vikas Publishing	2006	1
63	35	9788183553445	Guide to Pujab MET entrance exmination	G.K. Publications	G.K. Publications	2009	1
64	36	9789350771759	Pulse wave shaping and switching	Karte, J.S.	Tech-Max	2001	1
65	37	9788184076271	Digital communication	Karte, J.S.	Tech-Max	2013	1
66	38	NA	Manufacturing practice	Singh, Swarn	S.K. Kataria	2001	1