

**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 December, 2019**

Sl. No.	Individual Sl. No.	ISBN	Title	Author	Publisher	Edition/Year	No. of Copies
<b>Chemical Engineering</b>							
1	1	978-8131529041	Engineering design process	Haik Yousef	Cengage Learning	2nd ed., 2011	5
2	2	9781482230543	Multistage separation processes	Khoury, Fouad M.	CRC Press	4th ed., 2014	2
3	3	9781119285496	Chemical engineering in the pharmaceutical industry: drug product design, development and modeling	Mary T. am Ende and David J. am Ende (Eds.)	Wiley	2nd ed., 2019	1
<b>Chemistry</b>							
4	1	9781119370239	Main group metal coordination polymers: structures and nanostructures	Ali Morsali, Lida Hashemi	John Wiley & Sons	2017	1
5	2	9781621581758	Science research method	Taylor, Jesse (Ed.)	NY Academics	2014	1
<b>Civil Engineering</b>							
6	1	9780071128650	Integrated solid waste management: engineering principles and management issues	Tchobanoglous, George	Mc Graw Hill	1st ed., 1993	1
7	2	9783662507261	Fluvial hydrodynamics: hydrodynamic and sediment transport phenomena	Dey, Subhasish	Springer	1st ed., 2014	1
8	3	9780071342131	Water distribution system handbook	Mays, W, Larry	Mcgraw Hill	1st ed., 1999	1
9	4	9780415368797	Structural and stress analysis: theories, tutorials and examples (spon text)	Ye, Jianqiao	CRC Press	1st ed., 2008	1
10	5	9788120350915	Building materials	P.C., Varghese	Prentice Hall India	2nd ed., 2015	1

11	6	9781906716219	Introducing geology	Park, Graham	Dunedin Academic Press	2006	2
12	7	9781780460284	Introducing mineralogy	Mason, John	Dunedin Academic Press	2014	2
13	8	9781780460178	Introducing sedimentology	Jones, Stuart J.	Dunedin Academic Press	2015	2
14	9	9781780460222	Introducing stratigraphy	Lyle, Paul	Dunedin Academic Press	2019	2
15	10	9781138719163	Numerical methods in mechanics of materials	Chong Ken P. Et.Al	CRC Press	3rd ed., 2017	1
16	11	9781498744003	Hydrogeology ground after science and engineering	Dassargues	CRC Press	2018	1
17	12	9781138583382	Hydrologic remote sensing: capacity building for sustainability and resilience	Hong Yang Et.Al	CRC Press	2018	1
18	13	9781259029974	Engineering hydrology	Subramanya, K.	McGrawHill	4th ed., 2013	5
<b>Computer Science Engineering</b>							
19	1	9781788478953	Mastering ROS for robotics programming: design, build, and simulate complex robotics using the robot operating system	Joseph, Lentin and Cacace, Jonathan	Packet Publishing	2nd ed., 2018	1
20	2	9781107005488	Game theory	Maschler, Michael ... [et al.]	Cambridge University Press	2013	5
<b>Electrical Engineering</b>							
21	1	9781786345981	Simulation-based optimization of antenna arrays	Koziel, S. and Ogurstov, S.	World Scientific Publishing	2019	1
<b>Humanities &amp; Social Sciences (HSS)</b>							
22	1	9789027219282	Convergence and divergence in language contact situations	Braunmuller, Kurt and House, Juliane (Eds.)	John Benjamins Publishing Co	2009	1
23	2	9789027241474	Phonology and second language acquisition	Edwards, Jette G. Hansen and Zampini, Mary L. (Eds.)	John Benjamins Publishing Co	2008	1
<b>Mathematics</b>							
24	1	9789813200401	Metric in measure spaces	Yeh, J	World Scientific Publishing	2018	1
25	2	9782881246838	Linear algebra and geometry	Alexandra and Kostrikin	CRC Press	1989	2

26	3	9781107013926	Mathematics of public key cryptography	Galbraith, Steven D.	Cambridge University Press	2012	1
<b>Mechanical Engineering</b>							
27	1	9788185015712	Thermodynamics kinetic theory and statistical thermodynamics	Sears, F.W. and Salinger, G.L.	Narosa Publishing House	9th ed., 1998	8
28	2	9788122421040	Introduction to machining science	Lal, G.K.	New Age	2007	5
<b>Physics</b>							
29	1	9780198526827	Cosmology	Weinberg, Steven	Oxford University Press	2019	1
<b>Gifted Books</b>							
<b>Gifted by passed out students</b>							
30	1	9788120312463	Signals and systems	Oppenheim, A. and Willsky, Alan S.	Prentice Hall India	2nd ed., 1997	1
31	2	9788120340107	Modern control engineering	Ogata, K.	Prentice Hall India	5th ed., 2010	1
32	3	9788177584240	Discrete and combinatorial mathematics	Grimaldi, R.P. and Ramana, B.V.	Pearson	2004	1
33	4	9789311124094	GATE tutor 2018: electrical engineering	Bharti, P. ... [et al.]	Arihant	2018	1
34	5	NA	Electrical engineering conventional	Mde Easy	Made Easy Publications	2013	1
35	6	9789311124087	GATE tutor 2018: electronics and communication engineering	Singh, Alka	Arihant	2018	1
36	7	9780070530393	Electric machinery	Fitzerald, A.E.	Tata-McGraw-Hill	6th ed., 2003	1
37	8	9788174093103	Linear control system	Manke, B.S.	Khanna	11th ed., 2012	1
38	9	9780070151420	Integrated electronics	Millman, J. ... [et al.]	Tata-McGraw-Hill	2nd ed., 2010	1
39	10	9788188452020	Communication systems	Sharma, Sanjay	S.K. Kataria	2003	1
40	11	9789350944462	Solved papers 2000-2013	Arihant	Arihant	2013	1
41	12	9789332550445	GATE 2017: engineering mathematics	ECG Group	ECG Publications	2016	1
42	13	9788181160140	Problems in general physics	Orodov, I.E.	Maxford Books	2003	1

43	14	9789332535022	Field and wave electromagnetics	Cheng, David K.	Pearson	2nd ed., 2015	1
44	15	9780198068907	Basic electrical engineering	Nagsarkar, T.K. and Sukhija, M.S.	Oxford University Press	2005	1
45	16	9789351760849	Indian national chemistry olympiad	Kumar, Parveen	Arihant	2014	1
46	17	9788190458924	Magical book on quicker maths	Tyra, M	BSC Publishing	1995	1
47	18	9788131723227	Introductory linear algebra	Kolman, B. and Hill, David R.	Pearson	2009	1
48	19	9788131718674	Thomas calculus	Weir, Maurice ... [et al.]	Pearson	2008	1
49	20	9788183331630	Let us C	Kanetkar, Yashwant	BPB Publications	13th ed., 2013	1
50	21	9788183331777	Let us C solutions	Kanetkar, Yashwant	BPB Publications	2013	1
51	22	9788176567077	Data structure through C++	Kanetkar, Yashwant	BPB Publications	2003	1
52	23	9788177000245	Computer science with C++	Arora, Sumita	Dhanpat Rai & Sons	8th ed., 2011	1
53	24	9788177000245	Computer science with C++	Arora, Sumita	Dhanpat Rai & Sons	11th ed., 2013	1
54	25	9788177588583	Programming pearls	Bentley, Jon	Pearson	2ne ed., 2000	1
55	26	9780070648227	Programming in ANSI C	Balagurusamy, E.	Tata-McGraw-Hill	4th ed., 2007	1
56	27	9788131721650	Concepts of programming language	Sebesta, Robert W.	Pearson	8th ed., 2008	1
57	28	9788173666025	Head first Java	Sierra, Kathy and Bates, Bert	SPD	2nd ed., 2003	1
58	29	9788120305960	The C programming language	Kernighan, Brian W. and Riitche, Dennis M.	PHI Learning	1988	1