

भारतीय प्रौद्योगिकी संस्थान रोपड़  
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

CENTRAL LIBRARY

Department-wise List of Books Procured during the month of August, 2019

Sl. No.	Individual Sl. No.	ISBN	Title	Author	Publisher	Edition/Year	No. of Copies
<b>Centre for Biomedical Engineering (CBME)</b>							
1	1	9780081007419	Bioinspired materials for medical applications	Rodrigues, Lúgia	Woodhead	1st Ed., 2016	1
<b>Chemical Engineering</b>							
2	1	9780128161616	Understanding process equipment for operators and engineers	Lieberman, Norman	Elsevier	2019	4
3	2	9780128105399	What went wrong? case histories for operators and engineers	Amyotte, Paul and Kletz, Trevor	Butterworth-Heinemann	6th ed., 2019	2
4	3	9783319918204	Introduction to fluid mechanics	Fang, Chung	Springer	2019	5
5	4	9788123924212	Mass transfer theory and applications	Narayanan, KV and Lakshmikutty, B.	CBS Publishers	2014	10
6	5	9780071834087	Perry's chemical engineering handbook	Green, Don W. and Southard, Marylee Z.	McGrawHill Education	9th ed., 2018	3
<b>Chemistry</b>							
7	1	9781118825990	Introduction to computational chemistry	Jensen, Frank	Wiley	3rd ed., 2018	1
8	2	9780198784708	Modern thermodynamics for chemists and Biochemists	Sherwood ,Dennis	Oxford University Press	2018	1
9	3	9781632386007	Materials science: structure and characterization of materials	Chapman, Kevin	NY Research Press	2018	1
<b>Civil Engineering</b>							
10	1	9781498753456	Water science and technology	Gray, Nicholas	CRC Press	4th Ed., 2017	1
11	2	9781498719452	Air pollution	Tiwary,Abhishek	CRC Press	4th Ed., 2018	1
12	3	9788126539345	Fundamental finite element analysis and applications: with mathematica and MATLAB computations	Bhatti, M. Asghar	Wiley	2005	6
13	4	9788120417595	Numerical mathematical analysis	Scarborough, J.B.	Oxford & IBH Pub. Co.	2nd ed., 2012	10
<b>Computer Science Engineering</b>							
14	1	9780691141756	The mathematics of secrets - cryptography from caesar ciphers to digital encryption	Holden, Joshua	Princeton University Press	1st Ed., 2017	1
15	2	9781498782333	Reluctance electric machines	Boldea, Ion	CRC Press	2018	1

16	3	9780273793397	Android: how to program	Deitel, P.	Pearson	2nd ed., 2015	1
17	4	9781138082588	Concise introduction to programming in python	Johnson, M.J.	CRC Press	2nd ed., 2018	1
18	5	9781484222409	Pro python best practices	Rother, K.	A Press	1st ed., 2017	1
19	6	9781498778510	Internet of things	Hassan, Q.F.	CRC Press	1st ed., 2018	1
20	7	9781617294433	Deep learning with python	Chollet, Francois	Manning Publications	2017	5
21	8	9781789131680	Tensorflow machine learning cookbook	McClure, Nick	Packt Publishing Ltd.	2nd ed., 2018	5
22	9	9780262039246	Reinforcement learning: an introduction	Sutton, Richard S. and Barto, Andrew G.	MIT Press	2nd ed., 2018	5
<b>Electrical Engineering</b>							
23	1	9780470185315	FPGA prototyping by VHDL examples	Chu, Pong P.	Wiley	2008	10
24	2	9781475705591	Fundamentals of power electronics	Erickson, Robert W.	Springer	2001	10
25	3	9783319727295	Electrical machines and drives fundamentals and advanced modelling	Jan A. Melkebeek	Springer	2018	1
<b>Humanities &amp; Social Sciences (HSS)</b>							
26	1	9781478001515	Infrahumanisms	Glick ,Megan H.	Duke University Press	2018	1
27	2	9780815381723	Literature and ecofeminism	Vakoch, Douglas A.	Routledge	2018	1
28	3	9780748693399	Edinburgh companion to critical theory	Sim ,Stuart	Edinburgh University Press	2015	1
29	4	9781509521418	Reading marx	Zizek, Slavoj	Polity Press	2018	1
30	5	9780253032126	Ecocritical aesthetics	Quigley ,Peter	Indiana University Press	2018	1
31	6	9780226321042	Metrical stress theory: principles and case studies	Hayes, Bruce	University of Chicago Press	1995	1
32	7	9781783098675	Language, education and neoliberalism: critical studies in sociolinguistics	Flubacher, Mi-Cha and Percio, Alfonso Del (Eds.)	MULTILINGUAL MATTERS	2018	1
33	8	9789027259486	Negation and contact: with special focus on Singapore	Ziegeler, Debra and Bao, Zhiming (Eds.)	John Benjamins Publishing Co	2017	1
34	9	9789027202574	Pidgins and creoles in Asia	Ansaldo, Umberto (Ed.)	John Benjamins Publishing Co	2012	1
35	10	9789027219282	Convergence and divergence in language contact situations	Braunmuller, Kurt and House, Juliane (Eds.)	John Benjamins Publishing Co	2009	1
36	11	9789027229847	Prototypical transitivity	Naess, Ashild	John Benjamins Publishing Co	2007	1

37	12	9789027211743	English prepositions explained	Lindstromberg, Seth	John Benjamins Publishing Co	1998	1
38	13	9027253633X	Perspectives on Arabic linguistics VII (Current issues in linguistic)	Eid	John Benjamins Publishing Co	1995	1
39	14	9027236321	Semitic and Indo-European: Volume I (Current issues in linguistic theory 129)	Levin, Saul	John Benjamins Publishing Co	1995	1
40	15	9027236267	Contemporary research in Romance linguistics papers from the 22nd Linguistic Symposium on Romance Languages (Current issues in linguistic theory 123)	Amastae, Jon	John Benjamins Publishing Co	1995	1
41	16	9027236259	Linguistic theory and the Romance languages (Current issues in linguistic theory 122)	John, Charles Smith	John Benjamins Publishing Co	1995	1
42	17	9027236165	Iconicity in language (Current issues in linguistic theory 110)	Simone, Raffaele	John Benjamins Publishing Co	1995	1
<b>Mathematics</b>							
43	1	9781138059337	Engineering mathematics with Matlab	Yang, Won Y.	CRC Press/ Chapman Hall	1st Ed., 2017	1
44	2	9781498712057	Modern engineering mathematics	Siddiqi, Abul Hasan	CRC Press/ Chapman Hall	1st Ed., 2017	1
45	3	9780128133705	Theory of modeling and simulation: discrete event and iterative system	Bernard, Zeigler	Academic Press	3rd Ed., 2018	1
<b>Metallurgical and Materials Engineering</b>							
46	1	9780544850194	Liquid rules: the delightful and dangerous substances that flow through our lives	Moidownik, Mark	Houghton Mifflin Harcourt	2019	1
47	2	9780198563679	Engineering in process metallurgy	Guthrie, R. I. L.	OUP	1992	1
<b>Mechanical Engineering</b>							
48	1	9781119283768	Combustion engines	Gupta, Aman	Wiley-Scrivener	1st Ed., 2016	1
49	2	9781138350298	Micromanufacturing processes	V.K. Jain	CRC Press	1 ed, 2017	3
50	3	9781138096028	Wind energy design	Corke, Thomas	CRC Press	2017	1
<b>Physics</b>							
51	1	9783319901879	Classical mechanics and electromagnetism in accelerator physics	Stupakov, G.	Springer	1st ed., 2018	1
52	2	9780691155791	String theory in a nutshell	Kritsis, Elias	Princeton University Press	2007	1
53	3	9788126517558	Gravitation and cosmology: principles and applications	Weinberg, S.	Wiley	1972	1
54	4	9780198596868	Introducing Einstein's relativity	D'Inverno, Ray	Clarendon Press	1992	1

55	5	9789332571655	Spacetime and geometry	Carroll, S.	Pearson	2003	1
56	6	9780486445687/ 9789332901445	Quantum field theory	Itzykson, Claude	Cambridge University Press	2nd ed., 2007	1
57	7	9789812832856	Lectures on quantum field theory	Das, Ashok	World Scientific	2088	1
58	8	9780521478144	Quantum field theory	Ryder, Lewis H.	Cambridge University Press	2nd ed., 1996	1
59	9	9780486445687/ 9789332901445	Quantum field theory	Zuber, Jean-Bernard	Dover Publications	2006	1
60	10	9788173196546	A First book of quantum field theory	Lahiri, A.	Narosa	2nd ed., 2007	3
61	11	9780199667949	Path integrals in quantum mechanics	Zinn-Justin, Jean	Oxford Graduate Text	2010	1
62	12	9780198509233	Quantum field theory and critical phenomena	Zinn-Justin, Jean	Clarendon Press	4th ed., 2002	1
63	13	9788187169529	An Introduction to quantum field theory	Peskin, Michael E. and Schroeder, Daniel V.	Sarat Book House/ Levant Books	2005	1
64	14	9780198749349	Practical quantum mechanics	Manousakis ,Efstratios	Oxford University Press	2015	1
<b>Gifted Books</b>							
<b>Gifted by Dr. Abhinav Dhal</b>							
65	1	9789339219666	Programming in ANSI C	Balagurusamy, E.	McGraw-Hill	7th ed., 2017	1
66	2	9789353165130	Programming in ANSI C	Balagurusamy, E.	McGraw-Hill	8th ed., 2019	1
67	3	9789353160272	Programming with C	Gottfried, Byron	McGraw-Hill	1996	1
68	4	9788131529034	Fundamentals of python	Lamfert, Kenneth A. and Juneja, B.L.	Cengage	2015	1