

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

Sl. No	Title	Author	No of copies
1	A Course in Ring Theory	Passman, Donald	2
2	Abstract Algebra	S.Dummit, David & M.Foote, Richard	2
3	Algebraic Topology	Hatcher, Allen	3
4	Algebraic Topology: An Introduction	S Massey, William	1
5	An Introduction to Dynamical Systems	Arrowsmith, D.K. &Place, C.M.	1
6	An Introduction to Harmonic Analysis	Katznelson, Yitzhak	1
7	An Introduction to Topological Groups	Higgins, P.J.	1
8	Basic Topology	Armstrong, M.A.	2
9	Classical Mechanics	Goldstein, Herbert & P.Poole, Charles & L.Safke, John	1
10	Complex Analysis	M Howie, John	2
11	Computer Oriented Numerical Methods	Rajaraman, VC.	1
12	Contemporary Abstract Algebra	A Gallian, Joseph	1
13	Differential Equations	Bronson, Richard & B Costa, Gabriel & Daftardar Gejji, Varsha	2
14	Elements of Functional Analysis	Hirsch, Francis & Lacombe, Gilles	1
15	Functional Analysis	Rudin, Walter	2
16	Functions of one complex variable	B.Conway, John	1
17	Graph Theory	Harary, Frank	3
18	Introduction to Commutative Algebra	Atiyah, M.F. & Macdonald, I.G.	3
19	Introduction to Probability and Measure	Parthasarathy, K.R.	3

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

20	Introductory Methods of Numerical Analysis	Sastry, S.S.	3
21	Introductory Functional Analysis with Applications	Kreyszig, Erwin	3
22	Let us C	Kanetkar, Yashavant P	3
23	Linear operators 3 VOL Set	Dunford, Nelson & Schwartz, Jacob T	1
24	Mathematical Analysis	Apostol, Tom M.	3
25	Measure Theory	Halmos, Paul R	1
26	Measure Theory	Athreya, Krishna B & Lahiri, Souendra N	2
27	Partial Differential Equations	Copson, E.T.	2
28	Principles of Mathematical Analysis	Rudin, Walter	2
29	Probability and Measure	Billingsley, Patrick	2
30	Programming in ANSI C	Balagurusamy, E.	3
31	Proximity Spaces	Naipally, S.A.	1
32	Real Analysis	Royder, H.L. & Fritzpatrick, P.M.	3
33	Stochastic Processes	Ross, Sheldon M.	1
34	The Riemann Approach to Intergration: Local Geometric Theory	Pfeffer, Washek F	1
35	The Theory of Functions	Titchmarsh, E.C.	2
36	Theory of functions of a Complex Variable	Narayan, Shanti and Mittal, P.K.	1
37	Topics in Algebra	Heerstein, I.N.	2
38	Topology	Munkres, James R	3
39	Complex Variables and Applications	Brown, James Ward.	2
40	Galois Theory	Artin, Emil.	2

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

41	General Topology	Willard , Stephen.	2
42	Elements of Partial Differential Equations	Sneddon, Ian N.	2
43	A First Course in Abstract Algebra	Fraleigh, John B.	2
44	Algebra : Modules.	Luthar , I.S.	3
45	Algebra: Groups.	Luthar, I.S.	2
46	Introduction to Topology and Modern Analysis.	Simmons, G . F.	3
47	Elementary Theory of Analytic Functions of One or Several Complex Variables.	Carton, Henri.	2
48	Complex Analysis: An Introduction to the Theory of Analytic Functions of One Complex Variable	Ahlfors, Lars V.	2
49	A First Course in Probability	Ross, Sheldon.	3
50	An Introduction to Probability Theory and its Applications	Feller, William.	3
51	A Modern Theory of Integration	Bartle, Robert G.	2
52	Lectures on the Theory of Integration	Henstock, Ralph.	1
53	Complex Variables: Theory and Applications	Kasana, H.S.	2

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

54	Topics in Abstract Algebra	Sen, M.K.	3
55	Lectures on Complex Analytic Varieties: Finite Analytic Mappings	Gunning, R.C.	1
56	Functional Analysis	Bachman, George .	3
57	Real and Complex Analysis	Rudin, Walter.	3
58	Lectures in Abstract Algebra	Jacobson, Nathan.	1
59	Lecture Notes on Elementary Topology and Geometry	Singer, I.M .	1
60	A Course in Functional Analysis	Conway, John B.	1
61	Topological Groups	Pontryagin, L.S.	1

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

62	Field Theory	Roman, Steven.	1
63	Ergodic Theory with a view towards Number Theory	Einsiedler, Manfred .	1
64	Abstract Harmonic Analysis	Hewitt, Edwin.	1
65	Algebraic Topology	Maunder, C.R.F.	2
66	Introduction to Abstract Harmonic Analysis	Loomis, Lynn H.	2
67	Introduction to Partial Differential Equations and Hilbert Space Methods	Gustafson, Karl E.	1
68	Elements of the Theory of Functions and Functional Analysis	Kolmogorov, A.N.	2
69	Foundations of Functional Analysis	Ponnusamy, S.	3
70	Recurrence in Ergodic Theory and Combinatorial Number Theory	Furstenberg, H.	1
71	Fourier Analysis on Groups	Rudin, Walter.	2
72	Real Analysis, Modern Techniques and Their Applications	Folland	PENDING
73	An Introduction to Measure and Integration	Rana	PENDING
74	Functional Analysis	Limaye	PENDING
75	Functional Analysis	Jain	PENDING

**BOOKS PURCHASED
DEPARTMENT OF MATHEMATICS (2016-2017)**

76	Foundations of Discrete Mathematics	Joshi	PENDING
77	Abstract Algebra	Chaterjee	PENDING

**BOOKS PURCHASED FOR DEPARTMENTAL LIBRARY
DEPARTMENT OF MATHEMATICS (2016-2017)**

SL.No	Title	Author	No of Copies
1	Additive Combinations	Tao, Terence. Vu, Van H	1
2	An Invitation to Mathematics	Schleicher, Dierk.	1
3	Basic Ergodic Theory	Nadkarni, M.G.	1
4	Dynamical Systems and Ergodic Theory	Pollicott, M. Yuri, M.	1
5	Elementary Methods in Ergodic Ramsey Theory	McCutcheon, Randall.	2
6	Ergodic Theory with a View Towards Number Theory	Einsiedler, Manfred. Ward, Thomas	2
7	Ramsey Theory	Ronald L. Graham ...[et al]	1
8	Invitation to Ergodic Theory	Silva, C.E.	2
9	Abstract Harmonic Analysis II	Hewitt E. Ross, K.A.	1
10	An Introduction to Harmonic Analysis	Katznelson, Yitzhak.	1
11	Topics in Abstract Algebra	M.K. Sen ...[et al]	2
12	Introduction to Probability and Measures	Parthasarathy, K. R.	1
13	A First Course in Probability	Ross, Sheldon.	1
14	An Introduction to Probability Theory and its Applications	Feller, William.	1
15	An Introduction to the Theory of Numbers	Ivan Niven ...[et al]	1

**BOOKS PURCHASED FOR DEPARTMENTAL LIBRARY
DEPARTMENT OF MATHEMATICS (2016-2017)**

16	Higher Order Fourier Analysis	Tao, Terence.	2
17	Matrix Analysis	Bhatia, Rajendra.	1
18	Introduction to Graph Theory	West, Douglas B.	1
19	An Introduction to Measure and Integration	Rana, Inder K.	1
20	Differential Equations : Theory, Technique, and Practice	Simmons, George F. Krantz, Steven G.	1