

Dept. Mathematics

SL. No	Title of the Book	Author	Publisher	Edition	No. of copies	
1	Differential Equations	S.L. Ross	John Wiley and Sons, India, 2004	3 rd	1	
2	Differential Equations	G.F. Simmons	Tata Mcgraw Hill		1	
3	Calculus	T. Apostol			1	(vol I)
	(Volume I and II)				1	(vol II)
4	Abstract Algebra	M. Artin	Pearson, 2011	2 nd	1	
5	Contemporary Abstract Algebra	Joseph A. Gallian	Narosa , 1999	4 th	1	
6	Linear Algebra	Stephen H. Friedberg , Arnold J. Insel , Lawrence E. Spence	Prentice-Hall of India, 2004	4 th	1	
7	Linear Algebra and its Applications	Gilbert Strang	Thomson, 2007		1	
8	Linear Algebra – A Geometric Approach	S. Kumaresan	Prentice-Hall of India, 1999		1	
9	Linear Algebra	Kenneth Hoffman , Ray Alden Kunze	Prentice-Hall of India, 1971	2 nd	1	
10	Mathematical Analysis	Tom M. Apostol	Narosa		1	
11	Principles of Mathematical Analysis	W. Rudin	Tata Mcgraw-Hill , 2017		1	
12	Analysis I and II	Terence Tao	Hindustan		1	(vol I)
			Book Agency,		1	(vol II)
			2006			
13	Topology and Metric Spaces	S. Kumaresan	Narosa , 2011	2 nd	1	
14	Introduction to Topology and Modern Analysis	G.F. Simmons	Mcgraw- Hill , 2004		1	
15	Vector Analysis	K.C. Maity , R.K. Ghosh	New Central Book Agency		1	
16	Schaum's outline of Vector Analysis	M.R. Spiegel			1	
17	Discrete Mathematics with Graph Theory	Edgar G. Goodaire , Michael M. Parmenter	Pearson, Singapore, 2005	3 rd	1	
18	Object Oriented Programming In C++	E. Balaguruswami	Tata Mcgraw-Hill , 2011		1	
19	Elements of Partial Differential Equations	I.N. Sneddon	Mcgraw-Hill , 2013		1	

20	An Elementary Treatise on the Dynamics of particle and Rigid Bodies	S.L. Loney	Loney Press , 2007		2	
21	Topics in Algebra	I.N. Herstein	Wiley, 1975		1	
22	Engineering Mechanics : Statics and Dynamics	L.H. Shames , G. Krishna Mohan	Pearson , 2009		1	
23	Textbook of Dynamics	F. Chorlton	CBS Publishers, 2005	2 nd	1	
24	Elements of Statics and Dynamics I and II	S.L. Loney	2004		1	(Part I) (Part II)
25	Statics	Motiur Rahman Md.	Central Book Agency, 2004		1	
26	Foundations of Complex Analysis	S. Ponnusamy	Alpha Science International , 2005		1	
27	Abstract Algebra	David S. Dummit , Richard M. Foote	John Wiley and Sons, 2004	3 rd	1	
28	Groups, Rings and Fields	D.A.R. Wallace	Springer , 1998		1	
29	Numerical Methods for Scientific and Engineers Computations	S.R.K. Iyengar , M.K. Jain , R.K. Jain	New Age International , 2012	6 th	1	
30	Let Us C	Y. Kanetkar	BPB Publications , 2016		1	
31	Introduction to Probability Models	Sheldon Ross	Academic Press , 2007	9 th	1	
32	Ground Work of Mathematical Probability and Statistics	A. Gupta	Academic Publishers , 1983		1	
33	Elementary Number Theory	D.M. Burton	Mcgraw-Hill , 2007	6 th	1	
34	Beginning Number Theory	Neville Robinns	Narosa , 2007	2017	1	
35	C++ Primer	S.B. Lippman , J. Lajoie	Addison Wesley , 2000		1	
36	Complex Variables and Applications	J.W. Brown , R.V. Chulchill	Mcgraw-Hill , 2009	8 th	1	

VIVEKANANDA MAHAVIDYALAYA, BURDWAN
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DEPARTMENT OF GEOGRAPHY

LIST OF BOOKS FOR RUSA FUNDING

SL. NO.	TITLE OF THE BOOK	AUTHOR	PUBLISHER	EDITION	NO. OF COPIES
1	Groundwater Assessment, Development and Management (Hardcover)	K R Karanth	Mcgraw Higher Ed	2013	1
2	Groundwater Hydrology	Bhagu R Chahar	Mcgraw Higher Ed	1st	1
3	Groundwater in Geologic Prosses	Steven E Ingebritsen	cambridge University Press 2008	2nd	1
4	Groundwater Age	Gholam A Kazemi, Jay H Lehr and Pierre	Wiley-Interscience	2nd	1
5	Manual of Topography, and Text Book of Topographical Drawing	J Enthoffer	Trieste, Newyork, 1870	2018	1
6	Hydrology Laboratory Manual	Keenan Lee & C.W. Fetter	Prentice Hall College	BK&DISK 1994	1
7	An Introduction to Geological Structures and Maps	G. M. Bennison	Springer US, 1998	1998	1
8	GNSS- Global Navigation Satellite System: GPS, GLONASS, Galileo, and More (Paperback)	Hofman Wellenhof Bernhard	Springer-Verlag Wien	2008	1
9	GEOMORPHOLOGY	Savindra Singh	Proyag Pustak, Allahabad	1998	1
10	Geographic Thought: A Critical Introduction	Tim Cresswell	Wiley-Blackwell	2013	1
11	A Hundred Years of Geography	T W FREEMAN	ROUTLEDGE	2017	1
12	India: A Comprehensive Systematic Geography	Jagdish Singh	Radha Publications	2003	1

Sub: EVS

Sl no	Name of the Book	Author	Publication house	Number of copy
1	Snatak paribash vidya	Bijoy Bandyopadhyay	United book agency	15
2	Paribesh	Dr. Anish Chottopadhyay	T.D. publication	8

Vivekananda Mahavidyalaya, Burdwan
Department of Statistics

S.I No.	Title of the Book	Author	Publisher	Ed	Quantity
1	Differential and Intergal Calcus,Vol.-I & II	Piskunov N	Mir Publishing,Moscow	4th	2
2	Mathematical Analysis	Apostrol T.M	Narosa Publishing House		3
3	Testing Statistical Hypothesis	Lehman E.L (1986)	Chapman & Hall		3
4	theory of point estimation	Lehman E.L & Casella G(1998)	Springer, NY		3
5	Probability & Statistical Inference	Hogg,Tanis & Rao			3
6	First Course in Probability	Ross			3
7	Linear Algebra	Hadley	Narosa		3
8	Linear Statistical Inference & Its Applications,	Rao C.R.	Wiley Eastern		3
9	An Introduction to vectors & matrices	Goon A.M.	World Press		6
10	Introductory methods of numerical analysis	Sastry S.S.			3
11	An Introduction to Prob. Th. & Math. Stat.	Rohatgi V.K	John Wiley		3
12	Introduction to Prob. Th.	Hoel,Port & Ston			6
13	Mathematical Statistics	Mukhopadhyaya P.			3
14	Non Parametric Inference	B. K. Kale	Narosa		4
15	Int. To Real Analysis	Bertley & Shebart	Wiley		4
16	Int. To Probability Theory	Das & Bhattacharyya	Asian Books		6

Dept. Of Physics

Sl. No.	Books title	Author	Publisher	Edition	Copy
1	Mathematical Physics	H. K. Das	S Chand Pub	7th	2
2	Higher engineering mathematics	B S Grewal	Khanna Publishers	43rd	1
3	Introduction to Statistical Mechanics	Debashis Bhattacharya	New Central Book Agency	2 nd ,2018	2
4	Theoretical Mechanics	M.R. Spiegel	Schuam outline series		1
5	Mathematical Physics	P K Chattopadhyay	New Age International (P) Ltd		2
6	The physics of waves and oscillation	N. K. Bajaj	Tata McGraw-Hill Education		1
7	Digital Electronics	S K Mondal	Tata McGraw-Hill Education		1
8	Modern digital electronics	R. P. Jain	Tata McGraw-Hill Education	4th	1
9	Solid state physics	Jyotirmay Guha	Books and Allied(P) Ltd	1st	1
10	Nanotechnology	Rathi Rakesh	S Chand Pub	2018	1
11	Perspective of quantum mechanics	S P Kuila	New Central Book Agency (P) Ltd		2
12	Microprocessor architecture programming & applications with 8085	R S Goankar	Prentice Hall		1
13	Electricity and Magnetism	A B Gupta	Books and Allied(P) Ltd	1st	2
14	Analog Electronics: Device and Circuits	B.C Sarkar & S Sarkar	Damodar Prakashani	1st	2
15	Op-Amp and linear integratedCircuit	R A Gayakwad	Prentice Hall		1
16	A text book in Electrical Technology	B L Theraja	S Chand & Co		1
17	Introduction to Nanoscience and Technology	K K Chattopadhyay and A N Banerjee	PHI learning Pvt Ltd		2
18	Snatak Padarthabidya- Electricity & Magnetism	Abani mohan Rudra & A Bhattacharya	The new book stall	1st	2
19	Snatak Padarthabidya- Mechanics	Abani mohan Rudra & A Bhattacharya	The new book stall	1st	5

20	Snatak Padarthabidya, Heat & Thermodynamics	Abani mohan Rudra & A Bhattacharya	The new book stall	1st	2
21	Elements of properties of matter	D S Mathur	S Chand &Co	2018	1
22	Mechanics	D S Mathur	S Chand &Co	2018	1
23	Nanotechnology	Rathi Rakesh	S Chand &Co	2018	2
24	Heat, thermodynamics, Statistical physics	Subrahmaniyam	S Chand &Co	2018	1

DEPARTMENT OF ZOOLOGY

SL. NO.	TITLE OF THE BOOK	AUTHOR	PUBLISHER	EDITION	NO. OF COPIES
1.	ZOOLOGY FOR DEGREE STUDENTS: B.SC. (HONS.) SEMESTER-I: (AS PER CBCS) NON CHORDATE-I AND ECOLOGY	V. K. AGARWAL	S. CHAND PUBLISHING	2016	5
2.	ZOOLOGY FOR DEGREE STUDENTS: B.SC. (HONS.) SEMESTER-II: (AS PER CBCS) NON CHORDATE-II AND CELL BIOLOGY	V. K. AGARWAL	S. CHAND PUBLISHING	2018	5
3.	ZOOLOGY FOR DEGREE STUDENTS: B.SC. (HONS.) SEMESTER-III: (AS PER CBCS) CHORDATA, PHYSIOLOGY-I, BIOCHEMISTRY-I	V. K. AGARWAL	S. CHAND PUBLISHING	2016	5
4.	ZOOLOGY FOR DEGREE STUDENTS SEMESTER-V (AS PER CBCS) MOLECULAR BIOLOGY, PRINCIPAL OF GENETICS	V. K. AGARWAL	S. CHAND PUBLISHING	2018	5
5.	CBCS SNATAK PRANIVIDYA- SEMESTER-I	DR TAPAS DEB AND DR SUMIT GIRI	SANTRA PUBLICATION PVT LTD	2018	5
6.	APICULTURE IN INDIA	ATUAR RAHMAN	INDIAN COUNCIL OF AGRICULTUR AL RESEARCH	2017	1
7.	INDERBIR SINGH'S TEXTBOOK OF HUMAN HISTOLOGY WITH COLOUR ATLAS	NEELAM VASUDEVA, SABITA MISHRA	JAYPEE MEDICAL PUBLISHERS PVT LTD	7 TH EDITION, 2014	1
8.	COMPARATIVE ANATOMY OF VERTEBRATES	R. K. SAXENA SUMITRA SAXENA	EUROSPAN	2 ND EDITION, 2015	1

9.	TEXTBOOK OF BASIC AND CLINICAL IMMUNOLOGY	SUDHA GANGAL & SUBHANGI SONTAKKE	UNIVERSITIES PRESS	2013	1
10.	ADVANCED PRACTICAL ZOOLOGY	P C SRIVASTAVA & DR. P S VERMA	S. CHAND PUBLISHING	2012	1
11.	BIOLOGICAL INSTRUMENTATION AND METHODOLOGY	P K BAJPAI	S. CHAND PUBLISHING	2006	1
12.	AN INTRODUCTION TO EMBRYOLOGY	B.I. BALINSKY	CENGAGE LEARNING	5 TH EDITION, 2012	1
13.	ESSENTIALS OF MEDICAL PHYSIOLOGY PRACTICAL	A.B.S. MAHAPATRA & G.S. MAHAPATRA	CURRENT BOOKS INTERNATIONAL	2011	1
14.	EVOLUTION	MARK RIDLEY	OXFORD	2 ND EDITION, 2008	1
15.	ANIMAL BIOTECHNOLOGY	A K SRIVASTAVA, R K SINGH & M P YADAV	OXFORD & IBH-PUBS COMPANY-NEW DELHI	1 ST EDITION, 2006	1
16.	BIOTECHNOLOGY EXPANDING HORIZONS	B. D. SINGH	KALYANI	2014	1
17.	MEDICAL PHYSIOLOGY FOR UNDERGRADUATES STUDENTS	INDU KHURANA	ELSEVIER	1 ST EDITION, 2011	1

Department of Microbiology

Sl. No.	Title of book	Author	Publisher	Edition	No. Of
1	Biochemistry	Berg, Tymoczko, Stryer	WH Freeman	8 th	1
2	Karp's Cell and Molecular Biology,	Gerald Karp, Janet Iwasa, Wallace Marshall	Wiley	8 th	1
3	Elements of immunology	S.C. Rastogi	CBS Publisher	1 st	2
4	Food microbiology	Adams & Moss	RSC publishing	3 rd	2
5	Introduction to Biotechnology	Ashim K. Chakravarty	Oxford University Press	1 st	2
6	Industrial Microbiology	L.E Casida, J.R	New Age	1 st	1
7	Freifelder'S Essentials of Molecular Biology	G M Malacinski	Narosa	4 th	2
8	A text book of Microbiology	Ananthanarayan & Paniker	Universities Press	10 th	2
9	Textbook of Immunology	Arvind Kumar	(TERI)	1 st	1

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The List of Books under RUSA 2.0 Grants for U.G.
Department of Chemistry

S.I No.	Title of the Book	Author	Publisher	Ed	Quantity
1	Thermodynamics Principles and Applications	Dr. N. C. Dey	New Central Book Agency (P) Ltd	1st	1
2	Chemical Thermodynamics: Basic Concepts and Methods	I. M. Klotz and R. M. Rosenberg	Wiley, John Wiley & Sons	7th	1
3	Quantitative Chemical Analysis	D.C. Harris	Mcmillan Education, 2016	9th	1
4	Advance Inorganic Chemistry	S.P. Banerjee	Books and Allied	2nd	1
5	Practical Physical Chemistry	B. Viswanathan, P.S. Raghavan	Viva Books	2009	1
6	Organic Chemistry: Study guide to organic Chemistry	Chandan Saha & Co-authors	Techno World	1st	1
7	Organic Chemistry at a Glance	Lawrence M Harwood	Wiley- Blackwell		1
8	Organic Chemistry	F A Carry & R M Guiliano	Macgraw Higher Ed		1
9	Organic Chemistry	Leroy G Wade	Pearson		1
10	Organic Chemistry through Solved Problems	Goutam Brahmachari	978-81-7319-816-8	1st	2
11	Organic Name reactions	Goutam Brahmachari	(Narosa Publishing House)		1
12	A Unified Approach	Goutam Brahmachari	81-7319-719-9		1
13	Organic Chemistry [Vol – 1,2]	A. Saha & A. Pathak	[Books and Allied (P) ltd.]	1st	1
14	Snatak Rasayana	shra, G.C. Giri, S.K. Roy & G. Cha	Santra Pub House	1st	2
15	Practical Chemistry (Vol-I) (Gen. CBCSCourse)	S. P. Dey	Santra Pub House	1st	4
16	Modern College Chemistry Theory & Practical	Y. R. Sharma & K. D. Sharma	Kalyani	1st	4
17	Inorganic Chemistry	R. L. Dutta & G. S. De	New Books Stall	Latest	2
18	Concise Practical Chemistry	P. Karmakar, R. Sarkar, S. Roy & A. K. Ghosh	New Books Stall	1st	2

Department of Botany

Sl. No	Name of the Book	Edition	Author	Publisher	Quantity
1	Plant Physiology and Development	6 th Edition	Lincoln Taize, Eduardo Zeiger	Sinauer Associates Publishers	1
2	Mushroom cultivation in India	2014	B. C Suman & V. P. Sharma	Daya publishing house	1
3	A text Book of Biotechnology		Dubey R. C	S Chand	1
4	Advance Biotechnology		Dubey R. C	S Chand	1
5	Plant Pathology	5 th Edition	George N. Agrios	Academic Press	1
6	A Textbook of Plant Ecology		P. S. Chandel & R. S. Shukla	S. Chand Publication	1
7	Plant Systematics: An Integrated approach	2 nd Edition	Gurucharan Singh	Science Publisher	1
8	The complete technology book on biofertilizer and organic farming	2 nd Edition	NIIR Board	NIIR project consultancy services	1