

Ananda Mohan College

Affiliated to the University of Calcutta
A NAAC Re-accredited College with Grade 'B+'



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Date: 14-09-2022

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Enclosures:

1. List of Books of Botany Department
2. List of Books of Chemistry Department
3. List of Books of Mathematics Department
4. List of Books of Physics Department
5. List of Books of Physiology Department
6. List of Books of Zoology Department

P. K. L. S.
14/12/2022
Principal

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DEPARTMENT OF BOTANY

List of Books

Sl. No.	Book Title	Authors	Publishers	Quantity
1.	Introduction to Bryophytes	Vanderpoorten & Goffinet, B.,	Cambridge university Press	1
2.	Ecology: Principles and Applications	Chapman and Riss.	Cambridge University Press	1
3.	Ecology	Mackenzie et al.	Viva Books / garland and science	1
4.	Plant Anatomy	Fahn, A.	Wiley Eastern	1
5.	Anatomy of Seed Plants	Esau, K.	John Wiley & Sons	1
6.	Plant Anatomy	Pijush Roy	CNBA	1
7.	Text Book of Pharmacognosy	Wallis, T.E.	CBS Publishers & Distributors	1
8.	Ecology, Environment and Resource Conservation	Singh, J. S., Singh, S.P. and Gupta, S.	Anamaya Publications, New Delhi	1
9.	Pharmacognosy	Trease & Evans.	Saunders.	1

DEPARTMENT OF CHEMISTRY

List of Books

Sl. No.	Title of the Book	Author(s)	Publisher	Copies
1.	Vogel's Text book of Quantitative Inorganic Analysis	Mendham J	ELBS	1 copy
2.	Inorganic Chemistry: Principles of structure, reactivity	James E. Huheey, Eller A. Keitar& Richard L. Keitar	Harper Collins	1 copy
3.	Organic Spectroscopy	William Kemp	ELBS	1 copy
4.	Stereochemistry of Organic Compounds	D. Nashipuri	New Age Int. (P) Ltd.	1 copy
5.	Basic Stereochemistry of Organic Molecules	Subrata Sengupta	Book Syndicate	1 copy



DEPARTMENT OF MATHEMATICS

List of Books

Sl. No.	Title of the Book	Author/ Editor	Publisher	Copy
1	Introductory Mathematical Biology	Nandadulal Bairagi	U. N. Dhur and Sons Private Limited	3
2	Fluid Dynamics	M. D. Raisinghaniya	S. Chand & company Pvt. Ltd.	2
3	Introduction to Fluid Mechanics and Fluid Machines	S K Som, Gautam Biswas, S Chakraborty	McGraw Hill Education	2
4	Rigid Dynamics	Motiur Rahman MD	New Central Book Agency	2
5	Advanced Dynamics of a Particle	S A Mollah	Books and Allied	2
6	Vector Mechanics for Engineers: Statics and Dynamics	Beer Ferdinand P, Russel Johnston Jr., David F Mazure	McGraw Hill Education	2
7	Advanced Differential Equations	M.D. Raisinghanian	S Chand Publishing	2
8	Mechanics	D. S. Motiur	S. Chand	2
9	Methods of Mathematical Modelling (Mathematics and Its Applications)	Harendra Singh Devendra Kumar, Dumitru Baleanu	CRC Press	1
10	The Theory Of Equations Vol.- I	Burnside and Panton	Andesite Press	1
11	Linear Algebra	G. Hadley	Narosa	2
12	Modern Algebra	Surjeet Singh & Zameruddin	Vikas Publishing House Pvt Ltd	2



DEPARTMENT OF PHYSICS

List of Books

Sr. No.	Book title	Publisher/ Author	Quantity
1	Electricity & Magnetism by D.C. Chattopadhyay and Rakshit	by D.C. Chattopadhyay and Rakshit; Marketed by: New Central Book P. Ltd.	1
2	Scientific Computing in Python	by Abhijit Kar Gupta (Techno World)	2
3	Introduction to nanoscience and nanotechnology	by K K Chattopadhyay & A N. Banerjee	1
4	Nanotechnology: Principles and Practices	by Sulabha K Kulkarni	1
5	Nanostructures & Nanomaterials	by Guozhong Cao	1
6	Basics handbook of electronics	by Gupta & Kumar	2
7	Principal of Lasers	by Svelto	1
8	Laser Fundamentals	by Silfvast	1
9	A text book of optics	by Subrahmanyam Brijlal & Avadhanulu	1
10	Quantum Physics	by H C. Verma	1
11	Fundamentals Principles of Electronics	by B Ghosh	2
12	Theory and Problems of electronics	by Lloyd Temes & Schultz	1
13	Principles of Electronics communication systems	by Louis E Frenzel	1
14	A concise book on Quantum Mechanics	by Bijan Kumar Gangopadhyay	1
15	A textbook of electrical technology	by B. L Theraja & A K Theraja	1
16	Nanomaterials Theory problems and solutions	by Upendranath Nandi & Debnarayan Jana	1



DEPARTMENT OF PHYSIOLOGY

List of Books

Sl. No.	Title of the Book	Author/ Editor	Publisher	Copies
1	Harper's Illustrated Biochemistry	Victor W. Rodwell	McGraw Hill Education Lange	1
2	Fundamental Concepts of Developmental Biology	N Das	Affiliated East – West Press Pvt. Ltd.	1
3	The Developing Human	K L Moore, et al.	Elsevier India, South Asia Edition	2
4	Atlas of functional neuro Anatomy	Walter c Hendelman	CRC press, 3rd edition	1
5	Berne & Levy Physiology	Bruce M Koeppen	Elsevier, 1st South Asia Edition	1
6	Guyton & Hall Textbook of Medical Physiology	John E. Hall	Elsevier, 3rd South Asia Edition	2
7	Neuroscience	Dales Purves, et al	Sinauer associates, Oxford	1
8	CC Chatterjee's Human Physiology	C C Chatterjee	CBS Publishers & Distributors Pvt. Ltd.	2 copy each
9	Nutritive Values of Indian Foods	C Gopalan, et al.	ICMR-NIN	2
10	Essentials of Exercise Physiology	Katch, McArdle & Katch	Wolters Kluwer	1
11	Clinical Neuroanatomy	R S Snell	Wolters Kluwer India	1
12	Nutritive Values of Indian Foods	C Gopalan, et al.	ICMR-NIN	2



Sl. No.	Title of the Book	Author/ Editor	Publisher	Copies
13	Nutrition Science	B. Srilakshmi	New Age International Publisher	2
14	Advanced text book on Food & Nutrition volume-1	Dr. M. Swaminathan	Paperback edition	1
15	Indian Food Composition Tables	T Longvah, et al	ICMR-NIN	1
16	Foods Facts and Principles	N Shakuntala Mannay & M. Shadaksharaswamy	New Age International publishers	1
17	Introduction to Human Factors and Ergonomics	R S Bridger	Taylor & Francis Ltd.	2
18	Fitting the task to the Man, An ergonomic approach,	E Grandjean	Taylor & Francis Ltd.	1
19	Principles and techniques of Biochemistry and Molecular biology	Edited by Keith Wilson & John Walker	Cambridge University Press	1



DEPARTMENT OF ZOOLOGY

List of Books

Sl. No.	Title of the Book	Author/ Editor	Publisher	Copy
1.	Advanced Practical Zoology	Sinha JK, Chatterjee AK. And Chattopadhyay P.	New Central Book Agency	2
2.	Ecology: Individuals, Populations & Communities.	BegonM, Harper JL, Townsend CR	Blackwell sc	1
3.	Medical Entomology	Hati A.K.	Allied Book Agency	2

Sl. No.	Title of the Book	Author/ Editor	Publisher	Copy
4	Elements of Ecology	Smith	Pearson Education India	2
5	CBCS Snatak Pranividya – Semester-I	Dr. Tapas Deb, Dr. Sumit Giri	Santra Publication	3
6	ECOLOGY: The Experimental Analysis of Distribution and Abundance	Krebs	Pearson Education India	2
7	Medical Parasitology	Arora	CBS	
8	Vertebrate Endocrinology	Norris	ELSEVIER	1
9	Principles and Techniques of Biochemistry and Molecular Biology	K. Wilson, J. Walker	Cambridge University Press	2
10	Textbook of Animal Physiology	Lauralee Sherwood	Cengage Learning	2
11	Principles of Animal Physiology	Christopher Moyes	Pearson Education	2



Sl. No.	Title of the Book	Author(s)	Publisher	Copies
6.	General and Inorganic Chemistry / Part-I, II	Ramaprasad Sarkar	New Central Book Agency	1 copy each
7.	Analytical Chemistry	Gary D. Christian	John Wiley & Sons	1 copy
8.	Fortran 77 and Numerical Methods	C. Xavier	New age International	1 copy
9.	Organic Chemistry- A modern approach Vol 1	Nimai Tewari	McGraw-Hill	1 copy
10.	Organic Chemistry- A modern approach Vol 2	Nimai Tewari	McGraw-Hill	1 copy
11.	Organic Chemistry Vol-1	Anupa Saha, Anup Pathak	Books and Allied Pvt. Ltd.	1 copy
12.	Organic Chemistry Vol-2	Anupa Saha, Anup Pathak	Books and Allied Pvt. Ltd.	1 copy
13.	Mathematics and Statistics for Chemists	Nabakumar Bera, Subhasree Ghosh, Paulami Ghosh	Techno World	1 copy
14.	Computer Programming in FORTRAN 77	V. Rajaraman	Prentice Hall	1 copy
15.	Computer Oriented Numerical Methods	V. Rajaraman	PHI Learning	1 copy
16.	Basic concepts of Polymer Chemistry	Dr Kalyan Mondal, Dr Priyotosh Dutta, Dr Kaushik Basu	Techno world	1 copy
17.	An Introductory Text on Green Chemistry	Indu Tucker Sidhwani, Rakesh K Sharma	Wiley	1 copy
18.	An Insight into Green Chemistry	Chandrakanta Bandyopadhyay	Books and Allied Pvt. Ltd.	1 copy
19.	Polymer Chemistry	Dr Ashesh Garai	Santra	1 copy
20.	Fortran Basics and Numerical Applications	Subhasree Ghosh, Nabakumar Bera, Paulami Ghosh	Techno World	1 copy
21.	Mathematical and Computational Applications in Physical Chemistry	K. Bhattacharyya, P. Chaudhury, S. Chakrabarti, P. Dutta, S. Biswas	Levant Books	1 copy
22.	Mathematics, Quantum and Computation: Applications in Chemistry	D. S. Roy, K. Bhattacharyya, N. Bera, S. Ghosh, P. Ghosh, S. Bagchi, P. Dutta, P. Chaudhury, S. Biswas	Levant Books	1 copy

