



Letter No. 483

Date. 15.02.2024

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The quotations received incomplete or after the scheduled date and time shall be summarily rejected. The authority reserves the right to accept/ reject any or all quotations without assigning any reason what so ever. Agencies/ suppliers are to mention the **amount of discount** on the printed price of the books on the basis of which they will be selected for purchase of books.

For details, visit the college website: <https://scscollege.nic.in/>

LIST OF BOOKS

Department of Physics:

Sl. No.	Name of the Books/ Journals	Author/ Publisher
1.	Mathematical Methods for physicists	ARFKEN, WEBER AND HARRISC (Academic Press)
2.	Introduction to Electrodynamics	D. J. Griffiths (PEARSON)
3.	Lasers Fundamentals and applications	K. Tyagarajan, Ajoy Ghatak (Springer)
4.	Hand book of Mathematical functions	Abromowitz , Stegun (Dover)
5.	Problems and solutions on Quantum Mechanics	Yung kuo Lim (Sarat Book distributors)
6.	Introduction to Quantum Mechanics	David.J. Griffiths (Prentice Hall)
7.	Introduction to Solid State Physics	C. Kittel (Wiley India Edition)
8.	Scilab: A beginner's Approach	Anil Ku. Verma (Cengage)

Department of Chemistry:

Sl. No.	Name of the Books	Author/ Publisher
1.	Flow Through Nuclear Chemistry	P S SABHARWAL,R K MALIK.
2.	Elementary Text Book of Chemistry-II	JOSHI NEGI KUMAR
3.	Advanced Organic Chemistry	JAGDAMBA SINGH, L.D.S. YADAV
4.	Organic Chemistry Vol- I	Pragati Prakashan
5.	Environmental Chemistry	Pragati Prakashan
6.	UGC Advanced Inorganic Chemistry	Pragati Prakashan
7.	Inorganic Chemistry Vol.	Pragati Prakashan
8.	Inorganic Chemistry Vol.	Pragati Prakashan
9.	Principles of Physical Chemistry	B.R. Puri, L.R. Sharma & M.S. Pathania
10.	Elements of Physical Chemistry (Combined Vol. for B.Sc. I, II & III)	B.R. Puri, L.R. Sharma & M.S. Pathania
11.	Principles of Inorganic Chemistry	B.R. Puri, L.R. Sharma & K.C. Kalia
12.	Modern Organic Chemistry	M.K. Jain & S.C. Sharma


Sl. No.	Name of the Books	Author/ Publisher
13.	Advanced Organic Chemistry-Principles, Tools & Logic of Synthesis	R. Balaji Rao
14.	Photochemistry & Pericyclic Reactions	Shailendra Kumar Sinha
15.	Name Reactions & Reagents in Organic Synthesis	S.Renuga
16.	Chemistry of Natural Products	V.K. Ahluwalia
17.	Solved Problems in Reaction Mechanisms(Organic)	V.K. Ahluwalia & R.K. Parashar
18.	Medicinal Chemistry	Jyotsna Chaturvedi & S.C.Sharma
19.	An Introduction to Green Chemistry	V. Kumar
20.	Basic Principles of Spectroscopy	S.D. Bhattamisra & P. Gouda
21.	Inorganic Reaction Mechanism	Indrajit Kumar
22.	Group Theory–Applications to Quantum Chemistry, Spectroscopy and Ligand Field Theory	M.S. Gopinathan & V. Ramakrishnan
23.	Molecular Symmetry & Group Theory	M.S. Gopinathan
24.	Thermodynamics	Rajaram & Kuriakose
25.	Statistical Physics, Thermodynamics & Kinetic Theory	V.S. Bhatia
26.	Systematic Practical Chemistry for B.Sc. I, II & III	P.C. Kamboj
27.	University Practical Chemistry (Combined Volume for Physical, Organic & Inorg. Br.)	P.C. Kamboj
28.	Advanced University Practical Chemistry (Vol. I) (General, Analytical & Inorganic)	P.C. Kamboj
29.	Advanced University Practical Chemistry (Vol.II) (Organic Analysis – Qualitative & Quantitative)	P.C. Kamboj
30.	Graduate Physical Chemistry (Vol-I)	Puri, Sharma, Pathania & B.S. Lark
31.	Graduate Inorganic Chemistry (Vol-I)	Puri, Sharma, Kalia & Geetanjli
32.	Graduate Organic Chemistry (Vol-I)	M.K. Jain, S.C. Sharma & Fateh Bahadur
33.	Grad. Combined Course in Chemistry-I	Puri, Sharma, M.K. Jain & others
34.	Graduate Physical Chemistry (Vol- II)	Puri, Sharma, Pathania & B.S. Lark
35.	Graduate Inorganic Chemistry (Vol-II)	Puri, Sharma, Kalia & Geetanjli
36.	Graduate Organic Chemistry (Vol-II)	M.K. Jain, S.C. Sharma & Jyotsna Chaturvedi
37.	Grad. Combined Course in Chemistry-II	Puri, Sharma, M.K. Jain & others
38.	Graduate Physical Chemistry (Vol. III)	Puri, Sharma, Pathania & Navjot
39.	Graduate Inorganic Chemistry (Vol.-III)	Puri, Sharma, Kalia & Geetanjli
40.	Graduate Organic Chemistry (Vol.-III)	M.K. Jain, S.C. Sharma & Jyotsna Chaturvedi
41.	Grad.Combined Course in Chemistry-III	Puri, Sharma, M.K. Jain & others
42.	Chemistry Practical (Vol. I)	Fateh Bahadur
43.	Chemistry Practical (Vol. II)	Fateh Bahadur
44.	Chemistry Practical (Vol. III)	Fateh Bahadur

Department of Zoology & Botany:

Sl. No.	Name of the Books	Author/ Publisher
1.	Invertebrate structure	Barrington & Nelson
2.	The invertebrates Vol I to VI	LH hyman
3.	Invertebrate Zoology	Barnes
4.	Animal Behavior	J Alcock
5.	Biochemistry Vol. I & II	Voet & Voet, 3 rd Edition; Wiley (2004).
6.	Essential Cell Biology	Alberts et al; Garland (2015).
7.	Eukaryotic Chromosome	Bostock & Sumner; North-Holland (1987).
8.	Cell and Molecular Biology	DeRobertis & DeRobertis; Lee &


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		Febiger(1987).
9.	Modern Genetic Analysis	Griffith et al; Freeman(2002).
10.	Cell and Molecular Biology	Karp; John Wiley & Sons(2002).
11.	Molecular Cell Biology	Lodish et al; Freeman(2016).
12.	Genetics : Analysis and Principles	Brooker; Addison-Wesley(1999)
13.	Principles of Genetics	Gardner et al; John Wiley(1991)
14.	Modern Genetic Analysis	Griffith et al; Freeman(2002)
15.	Genetics	Russell, Benjamin Cummings
16.	Principles of Genetics	Snustad and Simmons; John Wiley (2003).
17.	Eukaryotic Chromosome	Bostock & Sumner,North-Holland (1987).
18.	Molecular Biotechnology	S.B. Primrose
19.	Principles of gene manipulation	Primrose, Twyman and Old Human physiology by Tortora
20.	Endocrinology	Turner & Bagnora
21.	Comparative vertebrate endocrinology	Bentley, P. J.
22.	Text book of comparative endocrinology	Bern, H. A.
23.	Text book of comparative endocrinology	Bern, H. A.
24.	An Introduction to Practical Biochemistry	Plummer, 3 rd Edition; Tata-McGraw Hill (1990).
25.	Experimental Biochemistry	Switzer and Garrity, 92 nd Edition; Freeman (1999)
26.	Principles of Biochemical and Molecular Biological Techniques	Wilson and Walker, 6 th Edition; Cambridge Univ Press (2006).
27.	Evolution	Barton NH, Briggs DEG, Eisen JA, Goldstein DB and Patel NH (2007) Cold Spring Harbour Laboratory Press.
28.	Bioinformatics and Functional Genomics (2nd Edition)	Pevsner J (2009), WileyBlackwell, USA.
29.	Culture of animal cells	R.I. Freshney
30.	Tissue Culture – Methods and Applications	Paul F. Kruse Jr. and M. K. Patterson Jr.
31.	Molecular Biotechnology: Principles and applications of recombinant DNA technology	BR Glick, JJ Pasternak & CL Patten, 4 th Edition; ASM Press.
32.	Gene cloning and DNA analysis an introduction	TA Brown, 5th Edition; Blackwell publishers.
33.	Genomes	TA Brown, 3rd Edition; Garland Science publishers.
34.	Principles of Gene Manipulation	Old & Primrose, 7th Edition; Blackwell Publishers.
35.	Molecular Biotechnology: Principles and applications of recombinant DNA technology	BR Glick, JJ Pasternak & CL Patten, 4 th Edition; ASM Press.
36.	Risk Assessment and Management Handbook	Kolluru Rao, Bartell Steven, Pitblado R and Stricoff; McGraw Hill Inc., New York (1996).
37.	People and Wildlife, Conflict or Co-existence?	Woodroffe R., Thirgood, S. and Rabinowitz, A.; Cambridge University (2005).
38.	Research and Management Techniques for Wildlife and Habitats	Bookhout, T.A.,5 th edition; The Wildlife Society, Allen Press (1996).
39.	Fundamentals of Biostatistics	Khan & Khanum; Ukaaz publications.
40.	Biostatistics	Daniel, 10th Edition; Wiley Publishers.
41.	Physical Chemistry: Science of Biology	Atkins; Freeman & Company.
42.	Essential Bioinformatics	J Xiong, Reprint; Cambridge University Press (2011).

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43.	Biological Sequence Analysis	Richard Durbin <i>et al.</i> ; Indian Reprint, Cambridge University Press.
44.	Research Methods: The Basics	Nicholas Walliman; Routledge (2017).
45.	Research Methodology	C. R. Kothari and Gaurav Garg; New Age International (2019).
46.	Immunology	Kindt TJ, Goldsby RA, Osborne BA and Kuby J. 6 th Edition; W.H. Freeman and Company, New York (2006).
47.	The Essential of Forensic Medicine and toxicology	K.S. Narayanan Reddy.
48.	Fundamentals of Foods, Nutrition and Diet Therapy	Mudambi, SR and Rajagopal, MV, 6 th Edition; New Age International Publishers (2018).
49.	Text Book of Human Nutrition	Bamji MS, Rao NP, and Reddy V., 4 th Edition; Oxford & IBH Publishing Co. Pvt Ltd. (2017).
50.	Chemical and biological methods for water pollution studies	Trivedi and Goyal.
51.	Bacterial Genetics and Genomics	LAS Snyder
52.	Encyclopedia of Food Micro Biology	CA Bolt & M. L. Tortorello
53.	Food Micro Biology an Introduction	American Society for Micro Biology
54.	Food Micro Biology Laboratory	L M Landsborough
55.	Modern Food Micro Biology	J M Jay
56.	Photosynthesis	Govind G.
57.	Plant Physiology	Salis Burry & Ross
58.	Gymnosperm	Pandey
59.	Bryophytes	Srivastav
60.	Molecular Biology & Biochemistry	Zubey


 Principal
 S.C.S. (A) College, Puri
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