

**Department of Zoology and Department of Botany (Life Science Stream)
Government Post Graduate College Bazpur (U.S. Nagar)**

List of Required Reference Books

Dated: 17.03.2021

| S.N. | TITLE OF BOOK | Author | Publisher | Number |
|-------------|---|---------------------------------------|---|---------------|
| 1 | Vertebrates: Comparative Anatomy, Function, Evolution : Kenneth Kardong | Kenneth V Kardong | Publisher: McGraw Edition: 4th Edition , 2007 | 2 |
| 2 | Lehninger Principles of Biochemistry | Nelson & Cox | Publisher: MACMILLAN Edition: 6th revised international ed, 2013 | 4 |
| 3 | Kuby Immunology | Owen Judy <i>et. Al</i> | Publisher: Palgrave Edition: 7th revised international ed, 2013 | 4 |
| 4 | Molecular Biology of the Gene | James D. Watson | Publisher: PEARSON Edition: Seventh,2017 | 4 |
| 5 | Brock Biology Of Microorganisms | Madigan Martinko and Dunlap Clark | Publisher: PEARSON Edition: 14 th 2014 | 4 |
| 6 | Textbook Of Medical Physiology | Guyton and Hall | Publisher: Elsevier Genre: Others Edition: 2 South Asia 2016 | 2 |
| 8 | GENETICS | STRICKBERGER | Publisher: PEARSON Edition: 3 rd | 4 |
| 9 | Fundamentals of Ecology | Eugene Odum <i>et. Al</i> | Publisher: Cengage Learning Edition: 5th, 2005 | 4 |
| 10 | Principal of gene manipulation and genetics | Twyman and Primrose | Publisher: Willi Blackwell | 4 |
| 11 | Principles and Techniques of Biochemistry and Molecular Biology. | Keith Wilson and John Walker | Edition: 7 th Publisher: Cambridge University Press Edition: 7 th , 2010 | 4 |
| 12 | Essential Developmental Biology, | J.M.W. Slack | Publisher: Wiley-Blackwell Edition: 3 rd | 2 |
| 13 | Molecular biology of the cell | Alberts Bruce | Publisher: Running Pr Book Pub Edition: 5 th 2009 | 2 |
| 14 | Concepts of Genetics | William S. Klug <i>et. al</i> | Publisher: PEARSON Edition: 10 th , 2016 | 2 |
| 15 | The Insects: Structure and Function | R.F. Chapman | Publisher: CAMBRIDGE UNIVERSITY PRESS INDIA PRIVATE LIMITED – Pune Edition: 5 th | 2 |
| 16 | Insects: An Outline Of Entomology | Penny J. Gullan, Peter S. Cranston | Publisher: John Wiley & Sons Edition: 4 th | 1 |
| 17 | IMMS' General Textbook of Entomology: Volume I: Structure, | R G Davies <i>et. Al</i> | Publisher: Springer Edition: 10th Edition , 1977 | 1 |

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| | Physiology and Development | | | |
| 18 | IMMS' General Textbook of Entomology: Volume 2: Classification and Biology | R G Davies <i>et. Al</i> | Publisher: Springer Edition: 10 th Rev ed, 1977 | 1 |
| 19 | Lewin's Genes XII | Krebs Jocelyn E. <i>et.al</i> | Publisher: Jones And Bartlett Publishers | 2 |
| 20 | Developmental Biology | Scott F. Gilbert | Publisher: INGRAM INTERNATIONAL INC Edition: 10 th 2013 | 1 |
| 21 | Prescott's Microbiology | <u>Joanne Willey</u> , <u>Linda Sherwood</u> , <u>Christopher J. Woolverton</u> | Publisher: McGraw Hill | 2 |
| 22 | The families of flowering plants (Vol1. And 2) | Hutchinson J. | Oxford university Press | 1 |
| 23 | Plant Physiology | Taiz and Zeiger | Panima Publishing | 2 |
| 24 | Plant anatomy | Eames | MacGrow Hill | 1 |
| 25 | Plant Pathology | Agrios | Academic Press | 1 |
| 26 | Plant Anatomy | A. Fahn | Pergamon | 1 |
| 27 | Cell and molecular Biology | Phillip Sheeler & Donald E. Bianchi | Wiley | 1 |

Department of Zoology
Botany

Department of

राजकीय स्नातकोत्तर महाविद्यालय, बाजपुर (ऊ०सि०नगर)

विषय: भौतिक विज्ञान

पुस्तक सूची

| S. N. | Author | Title | Name of the Publisher | per unit price | Required copies |
|-------|---------------------------|--|----------------------------------|----------------|-----------------|
| 1 | Landau and Lifshitz | Mechanics | Pergamon | | 1 |
| 2 | Whittaker | Analytical Dynamics of Particles and Rigid Bodies | Cambridge | | 1 |
| 3 | Loknathan & Ghatak | Quantum Mechanics | Springer | | 2 |
| 4 | Pathira | Statistical Mechanics | Elsevier | | 2 |
| 5 | George Kennedy & Davis | Electronics Communication Systems | Mcgraw Hill | | 2 |
| 6 | R.R Gulani | Monochrome and colour television | (Wiley Eastern Limited) | | 1 |
| 7 | Taub and Schilling | Principle of Communication Systems | TMH | | 1 |
| 8 | Simon Gaykuti | Communication Systems | John Wiley & Sons | | 2 |
| 9 | J.V. Narlikar | An Introduction to Cosmology | Cambridge | | 2 |
| 10 | C. B. Banwell | Fundamentals of Molecular Spectroscopy | Wiley eastern | | 4 |
| 11 | Jackson | Classical electrodynamics | Wiley Eastern, New Delhi | | 2 |
| 12 | Landau and Lifshitz | Classical theory of fields | Pergameon Press | | 1 |
| 13 | Morris Mano | Computer system Architecture | PHI | | 2 |
| 14 | V. Rajaraman | Fundamentals of computers | (Prentice Hall of India) | | 2 |
| 15 | B. Ram | Computer fundamental-architecture and organization | New Age International Publishers | | 1 |
| 16 | Rajaraman | Introduction to digital Computer Design | Prentice Hall | | 1 |
| 17 | Rajaraman | Computer Hardware and Organisation | (Galgotia Publication) | | 1 |
| 18 | Malmsradl, Enke and Toren | Electronics for Scientists Bodhkar | (Khanna Publishers) | | 1 |
| 19 | Simon Gaykuti | Communication Systems | (John Wiley & Sons Inc. 1994) | | 1 |

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|----|---|---|-----------------------------|----|
| 20 | Berkeley Physics course Vol. I * | Mechanics | McGraw-Hill Book Company | 1 |
| 21 | J. C. Upadhyay | General Properties of Matter" Vol- I. | Ram Prasad & Sons, Agra. | 5 |
| 22 | E. M. Purcell and D. J. Morin | Electricity and Magnetism" | Cambridge University Press. | 1 |
| 23 | A. S. Mahajan and A. Rangwala | Electricity and Magnetism | Tata McGraw Hill | 1 |
| 24 | K. K. Tewari | Electricity & Magnetism | S. Chand & Co. | 5 |
| 25 | B. B. Laud | 2. Electromagnetices" | Wiley Eastern. | 5 |
| 26 | K.W. Zeemanskey | Heat and Thermodynamics | Mcgraw Hill | 2 |
| 27 | Jenkins and White | Fundamentals of Optics * | Mcgraw Hill | 1 |
| 28 | B.B. Laud | Introduction to Statistical Mechanics | Macmillan | 3 |
| 29 | Bhattacharjee J.K. | Statistical Physics | Allied Publishers | 1 |
| 30 | F.Reif | Statistical Physics | McGraw- Hill | 2 |
| 31 | Kamal Singh | Elements of Statistical Mechanics | (S.Chand & Co). | 1 |
| 32 | Gupta, Kumar and Saxena | 9. "Fundamental of solid State Physics" | (Pragati Prakashan). | 3 |
| 33 | R. Resnik. | Introduction to special relativity | Wiley estern | 3 |
| 34 | A Beiser | Perspective of Modern Physics | Tata McGraw Hill. | 3 |
| 35 | B. L. Theraja | Basic Electronics | | 5 |
| 36 | V. K.Mehta | Elements of Electronics | | 5 |
| 37 | Loknathan & Ghatak | mathematical physics | | 1 |
| 38 | classical Mechanics | goldstein | | 1 |
| 39 | zaitely | Quantum Mechanics | | 3 |
| 40 | R.R. Patharia | | Theory of Relativity | 2 |
| 41 | J.V. Narlikar : An Introduction to Cosmology | | | 2 |
| 42 | rajkumar | Atomic and Molecular spectra | | 15 |
| 43 | Panofsky and Phillips : Classical Electricity and Magnetism | | | 1 |
| 44 | Jackson | Classical Electrodynamics | | 1 |
| 45 | D. Griffiths : Introduction of Elementary Particles | | | 2 |
| 46 | A. J. Dekker : Solid State Physics | | | 2 |

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|----|--|---------------------------|----------------------|--|----|
| 47 | Verma & Srivastava : Crystallography for Solid State Physics | | | | 2 |
| 48 | C. Kittel : Introduction to Solid State Physics | | | | 2 |
| 49 | Jackson : Classical Electrodynamics | | | | 1 |
| 50 | Bittencourt : Plasma Physics | | | | 3 |
| 51 | Digital Technology : Virendra Kumar | | | | 2 |
| 52 | D.S. Mathur: Elements of Properties of Matter | | | | 5 |
| 53 | Satya Prakash | Waves and Oscillations | Pragati Prakashan | | 10 |
| 54 | Zemansky and Dittman | Heat and Thermodynamics | The McGraw-Hill) | | 2 |
| 55 | satya prakash | Heat and Thermodynamics | Pragati Prakashan | | 10 |
| 56 | gupta kumar | optics | Pragati Prakashan | | 15 |
| 57 | puri and babbar | solid state physics | s chand | | 5 |
| 58 | satya prakash | advance quantum mechanics | kedarnath ram nath | | 5 |
| 59 | L.I. Schiff | "Quantum Mechanics | (McGraw Hill Book Co | | 2 |
| 60 | R. Murugesan | Modern Physics | S. Chand | | 5 |

[Signature]
21/6/2021

Department of Mathematics

G.P.G.-College ,Bazpur

List of books

| S.no | Name of books | Authors | Publications | Rate |
|------|--|-------------------------------|---------------------------------|-------------------|
| 1. | Operation research | Kanti s Swarup and P.K.Gupta | S.Chand, Delhi | 625*10 = ₹6250 |
| 2. | Fundamental of mathematical statistics | S.c. Gupta and V.K. Kapoor | S.Chand, Delhi | 676*10 = ₹6760 |
| 3. | Fundamental of applied statistics | S.c. Gupta | S.Chand, Delhi | 560*2 = ₹1120 |
| 4. | Business Mathematics | S.K. Sharma and Gurpreet Kaur | S.Chand, Delhi | 455*8 = ₹ 3640 |
| 5. | Applied Numerical Methods using MATLAB | Rao V. Dukkipati | New Age International(P), Delhi | 719*5 = ₹3595 |
| 6. | Basic concepts and application of MATLAB | Dr.P. Kumar | S.Chand, Delhi | 350*2 = ₹700 |

Total= ₹22065



17/6/21

Dr. Sooraj Pal Singh

Assistant professor (Mathematics)

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Department of Chemistry

- ① Stereochemistry of organic compound - D. Nayipuri, New Age International
- ② Structure & Mechanism in organic chemistry - C.K. Ingold, Cornell University Press.
- ③ Inorganic chemistry - W.W. Porterfield, A unified Approach. Elsevier.
- ④ Inorganic chemistry, G.L. Miessler & D.A. Tarr, Pearson Education.
- ⑤ Kinetics (Physical Chem.) K.T. Laidler, Pearson Education
- ⑥ Group Theory & Symmetry, Gurdeep Raj, Ajay B. Raji & Umad Jain, Krishna Prakashan
- ⑦ Chemical Application of Group Theory - F.A. Cotton, Wiley.
- ⑧ Cell & Molecular Biology - P. Steeler, John Wiley.
- ⑨ The Chemical Maths books - E. Steiner, Oxford University Press.
- ⑩ Mathematics for Physical Chemistry - R. Mortimer, 3rd Ed. Elsevier.
- ⑪ Modern organic Reactions - Benjamin, H.O. House.
- ⑫ Spectroscopic method in organic chemistry - D.H. Williams & I. Fleming, Tata MacGraw Hill.
- ⑬ Chemistry of Natural Product - N.R. Krishna Rao, Univ. Press Hyderabad.
- ⑭ Modern Synthetic Reaction - W.A. Benjamin, H.O. House.
- ⑮ Modern methods of organic synthesis - W. Carruthers.
- ⑯ Designing organic synthesis - S. Warren, Wiley.

A.P.P. 17/6/2021
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