

TRIDENT ACADEMY OF TECHNOLOGY, BHUBANESWAR
CATALOGUE OF BOOKS

Physics

| Sl.No. | Book Name | Author | Publisher | QUANTITY |
|--------|--|----------------------|-----------------------|----------|
| 1 | Engineering Physics | R.K.Gaur | Dhanpat Rai | 93 |
| 2 | Engineering Physics | Uma Mukharjee | Narosa | 1 |
| 3 | Physics -I | B.B.Swain | Kitab Mahal | 210 |
| 4 | Physics Vol-I | Robert Resnick | Johnwiley | 2 |
| 5 | Physics Vol-II | Robert Resnick | Johnwiley | 2 |
| 6 | Physics-II | B.B.Swain | Kitab Mahal | 75 |
| 7 | Engineering Practical Physics | S.Panigrahi | S.Publication | 6 |
| 8 | Problems and Solutions on Quntum Mechanics | Limyung-Kuo | Sarat Book | 2 |
| 9 | Problems and Solutions on Solid StatePhysicsRelativityAnd Miscelaneous | Limyung-Kuo | Sarat Book | 2 |
| 10 | Introduction to Mathematical Physics | Jena | Kitab Mahal | 2 |
| 11 | Introduction to Electrodynamics | A.Z.Capri | Narosa | 2 |
| 12 | Concepts of Modern Physics | Arthur Beiser | T.M.H | 73 |
| 13 | Concepts in Engineering Physics Part-I | Md.N.Khan | Alok | 80 |
| 14 | Concepts of Modern Physics | S.L.Gupta | Dhanpaat Rai | 2 |
| 15 | A Complete Course in Practical Physics | B.B.Swain | Kalyani | 5 |
| 16 | A Text Book of Optics (22nd ed.) | N.Subrahmanyam | S. Chand | 2 |
| 17 | A Text Book of Optics (23nd ed.) | N.Subrahmanyam | S. Chand | 20 |
| 18 | Advanced Textbook on Electricity And Magnetism | P.K.Chakraborti | Modern Book | 2 |
| 19 | An Introduction to Laser Theory And Application | M.N.Avadhanulu | S. Chand | 5 |
| 20 | Atomic Physics | J.B.Ram | S.Chand | 2 |
| 21 | Practical Physics, B.Sc | C.L.Arora | S.Chand | 22 |
| 22 | Foundations and Applications of Mechanics and Continuum Mechanics | C.S.Jogi | Narosa | 2 |
| 23 | Foundations and Applications of Mechanics and Fluid Mechanics | C.S.Jogi | Narosa | 2 |
| 24 | Foundations of Electromagnetic Theory | John R.Reitz | Narosa | 2 |
| 25 | Fundamentals of Magnetism and Electricity | D.N.Vasudeva | S.Chand | 2 |
| 26 | Fundamentals of Optics | A.F.Jenkins | M.G.H | 2 |
| 27 | Fundamentals Physics Class-XI | K.L.Gumber | Pradeep | 2 |
| 28 | Fundamentals Physics Class-XII | K.L.Gumber | Pradeep | 2 |
| 29 | Geometrical and Physical Optics | P.K.Chakrabati | New Central | 60 |
| 30 | Electricity And Magnetism | Prantosh Chakraborty | New Age | 3 |
| 31 | Electricity And Magnetism | D.L.Seagal | S. Chand | 2 |
| 32 | Electricity And Magnetism | D.Chattopadhyya | New Age International | 1 |
| 33 | Electricity And Magnetism | D.C.Tayal | Himalya | 20 |
| 34 | Electricity And Magnetism With Electronics | K.K.Tewari | S. Chand | 4 |
| 35 | Electrodynamics | S.L.Gupta | Pragati | 2 |
| 36 | Elements of Analytical Mechanics | Bose | Narosa | 1 |
| 37 | Elements of Nuclear Physics | M.L.Pandya | Kedarnath | 5 |
| 38 | Elements of Properties of Matter | D.S. Mathur | Shymlal | 2 |
| 39 | Elements of Strength of Materials | S.P.Timoshenko | EWP | 1 |
| 40 | Introduction to Galvanism -Pi 25 | Heinz Wehner | Wiley Eastern | 2 |
| 41 | Introduction to Modern Physics | H.S.Mani | AEW P | 3 |

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| 42 | Introduction to Quantum Mechanics | Mochiram Das | Kitab Mahal | 4 |
| 43 | Introduction to Solid State Physics | Charles Kittel | John Willy | 50 |
| 44 | Introduction to Special Relativity | Robert Resnick | John Wiley | 2 |
| 45 | Kirchhoff's Laws P I 06 | Alois Koller | Wiley Eastern | 2 |
| 46 | Advanced Quantum Mechanics | J.J.Sakurai | Pearson | 1 |
| 47 | Introduction to Electromagnetic Fields | Clayton R.Paul | TMH | 2 |
| 48 | Electromagnetics Schaum's Series | Joseph A.Edminister | TMH | 22 |
| 49 | Electromagnetism Theory and Applications | Ashutosh Pramanik | PHI | 2 |
| 50 | Electromagnetics | B.B.Laud | New Age | 2 |
| 51 | Physics-II (B.Tech) | Randhir Singh | Kalyani | 27 |
| 52 | Relativity And Quantum Mechanics | P.K.Palanisamy | | 5 |
| 53 | Introduction to Electrodynamics 3rd ed. | David J. Griffths | PHI | 10 |
| 54 | Electricity And Magnetism Vol-2 -Berkeley Physics Course | Edward M.Purcell | TMH | 5 |
| 55 | Engineering Physics 2nd ed. | Kampal Mishra | Scitech | 90 |
| 56 | Physics of Semiconductor Devices ,2nd ed. | Dilip K Roy | Universities Press | 10 |
| 57 | Physics of Semiconductor Devices | Jean-Pierre Colinge | Springer | 2 |
| 58 | Semiconductor Devices and Circuits | Aloke K. Dutta | Oxford | 5 |
| 59 | Semiconductor Physics and Devices | S.S.Islam | Oxford | 5 |
| 60 | Physics of Semiconductor Devices ,3rd ed. | S.M.Sze | John Wiley | 8 |
| 61 | Fundamentals of Semiconductor Devices | M K Achuthan | | 5 |
| 62 | Modern Semiconductor Devices For Integrated Circuit | Chenming Calvin Hu | Pearson | 50 |
| 63 | Semiconductor Physics and Applications | M.Balkanski and R.F.Wallis | Oxford | 1 |
| 64 | Solid State Physics | P.K.Palanisamy | Scitech | 3 |
| 65 | Concepts in Engineering Physics Part-II | Md.N.Khan | Alok | 70 |
| 66 | Solid State Physics | R.K.Puri | S.Chand | 3 |
| 67 | 3000,Solved Problems in Physics (Schaum's Outline Series) | Alvin Halpern | TMH | 1 |
| 68 | Applied Physics (Schaum's Outline Series) | Arthur Beiser | TMH | 1 |
| 69 | Continnum Mechanics (Schaum's Outline Series) | George E.Mase | TMH | 1 |
| 70 | Begining Physics-II (Schaum's Outline of Theory & Problems in Waves,Electromag) | Alvin Halpern | TMH | 1 |
| 71 | A Text Book of Engineering Physics | M.N.Avadhanulu | S.Chand | 59 |
| 72 | Elements of Solide State Physics | J.P.Srivastava | PHI | 2 |
| 73 | Mathematical Methods for Physicists | George B.Arffen | Harcourt P.Ltd | 4 |
| 74 | Mathematical Physics | Prahallad Ch.Naik | Kalyani | 2 |
| 75 | Mathematical Physics | B.S.Rajput | Pragati | 2 |
| 76 | Mathematical Physics | B.D.Gupta | Vikas | 10 |
| 77 | Mode of Operation of The Semiconductor Diode Pi-18 | Udo Lob | Wiley Eastern | 2 |
| 78 | Modern Engineering Physics | A.S.Vasudeva | S.Chand | 8 |
| 79 | Modern Physics | R.Murugesham | S.Chand | 5 |
| 80 | Modern Physics | B.L.Theraja | S.Chand | 2 |
| 81 | Nuclear Physics | R.R.Roy | New Age | 7 |

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| 82 | Nuclear Physics | Irving Kaplan | Narosa | 2 |
| 83 | Nuclear Physics | R.C.Sharma | Kadarnath | 12 |
| 84 | Optics (2nd ed.) | Ajoy Ghatak | TMH | 15 |
| 85 | Optics (3rd ed.) | Ajoy Ghatak | TMH | 15 |
| 86 | Optics (Geometrical; and Physics) | B.S. Agrawal | Shymlal | 1 |
| 87 | Quantum Mechanics | A.Ghatak | Mac. Millon | 5 |
| 88 | Quantum Mechanics | S.L.Gupta | Jayprakash | 5 |
| 89 | Quantum Mechanics | Eugen Merzbacher | John Wiley | 50 |
| 90 | Quantum Mechanics | S.P.Singh | S.Chand | 5 |
| 91 | Quantum Mechanics | Satya Prakash | Kedarnath | 5 |
| 92 | Semiconductor Circuits Approximations | A.P.Malvino | TMH | 1 |
| 93 | Semiconductor Devices | Kanaan kano | PHI | 2 |
| 94 | Semiconductor Devices and Circuits | B.P.Singh | Dhanpat Rai | 2 |
| 95 | Semiconductor Optoelectronic Device | Pallab Bhattacharaya | Pearson | 1 |
| 96 | Semiconductor Physics and Devices | Donald A.Neamen | TMH | 197 |
| 97 | Solid State Physics | S.L.Gupta | Kedarnath | 10 |
| 98 | Solid State Physics | S.O.Pillai | New Age | 4 |
| 99 | Statistical Mechanics | Kerson Huang | Johan Wiley | 2 |
| 100 | Strength of Materials (Part-1,3rd ed.) | S.P.Timoshenko | CBS | 1 |
| 101 | Strength of Materials (Part-2,3rd ed.) | S.P.Timoshenko | CBS | 1 |
| 102 | The Charcterstics of Diode Pi-19 | Udo Lob | Wiley Eastern | 2 |
| 103 | The Feynman Lectures on Physics Vol-1 | Richard P.Feynman | Narosa | 4 |
| 104 | The Feynman Lectures on Physics Vol-2 | R.P.Feynman | Narosa | 4 |
| 105 | The Feynman Lectures on Physics Vol-3 | R.P.Feynman | Narosa | 4 |
| 106 | The Magnetic Circuit Pi-4 | Heinz Rieger | Wiley Eastern | 2 |
| 107 | The Magnetic Field | Johannes G.Lang | Wiley Eastern | 2 |
| 108 | The Structure of Matter Pi-8 | Karl Schuster | Wiley Eastern | 2 |
| 109 | The Transistor Pi 21 | Erich Gelder | Wiley Eastern | 2 |
| 110 | The Transistors as a Switch Pi-22 | Erich Gelder | Wiley Eastern | 2 |
| 111 | The Transistors as AF-Amplifier Output Stages Pi-24 | Erich Gelder | Wiley Eastern | 2 |
| 112 | The Transistors as AF-Amplifier Pre Stages Pi-23 | Erich Gelder | Wiley Eastern | 2 |
| 113 | Theory of Elastic Stability | S.P.Timoshenko | TMH | 2 |
| 114 | University Physics | Francis W.Sears | Narosa | 3 |
| 115 | Vibration And Waves In Physics | Iain G.Main | Cambridge | 2 |
| 116 | Process and Materials of Manufacture | Roy A.Lindberg | PHI | 3 |
| 117 | Nuclear Physics | D.C.Tayal | Himalayan | 12 |
| 118 | Advanced Quantum Mechanics | Kedar Nath | Satya Prakash | 1 |
| 119 | Introduction to Special Theory of Relativity | Somnath Datta | Allied Publishers | 1 |
| 120 | Solution to I.E.Irodov's Problems in General Physics Vol-I (2nd edn.) | Abhay Kumar Singh | CBS | 1 |
| 121 | Interactive Physics Vol-2 | R.Ravi | MTG Learning Media | 1 |
| 122 | Interactive Physics Vol-3 | R.Ravi | MTG Learning Media | 1 |
| 123 | Interactive Physics Vol-4 (Work,Power & Energy) | R.Ravi | MTG Learning Media | 1 |

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| 124 | Engineering Physics | Dattuprasad Ramanlal Joshi | TMH | 70 |
| 125 | Engineering Physics | Hitendra Kumar Malik | TMH | 70 |