**PHYSICS DEPARTMENT**

**New Additions from April 2023 – March 2024**

**NO BOOKS FOR THIS YEAR**

**New Additions from April 2022 – March 2023**

**No Books**

**New Additions from April 2020 – March 2021**

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| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |

|  |  |  |
| --- | --- | --- |
|  | Concepts of modern physics / BEISER, ArthurChennai: Tata McGraw-Hill, 2003 | 4 |
|  | Electromagnetic waves and radiating systems / JORDON, Edward C.Noida: Dorling Kindersley, 2007 | 1 |
|  | Introductory quantum mechanics / GHOSHAL, S.N.Kolkata: Calcutta Book House, 2006 | 1 |
|  | Modern engineering physics / VASUDEVA, A. S.New Delhi: S. Chand, 2006 | 4 |
|  | The physics of waves and oscillations / BAJAJ, N. K.New Delhi: Tata McGraw-Hill, 2001 | 1 |
|  | Principles of physics / WALKER, JearlNew Delhi: Wiley, 2019 | 1 |
|  | Refresher course in physics / ARORA, C. L.New Delhi: S. Chand, 2016 | 3 |

**New Additions from April 2019 – March 2020**

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| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |

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| --- | --- | --- |
|  | Engineering physics / BHATTACHARYA, Sanjay KumarChennai: McGraw Hill Education, 2019 | 35 |
|  | Engineering Physics / KAKANI, S.L.New Delhi: CBS Publishers, 2016 | 35 |
|  | Fundamentals of optics / JENKINS, Francis A.New Delhi: Tata McGraw-Hill, 1981 | 1 |
|  | Introduction to special relativity / RESNICK, RobertNew York: John Wiley, 2000 | 1 |
|  | Mathematical physics / KAKANI, S LKolkata: CBS Publishers, 2018 | 1 |
|  | Mathematical physics for engineers / BERA, R. | 1 |
|  | Modern engineering physics / VASUDEVA, A. S.New Delhi: S. Chand, 2006 | 2 |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Physics Delhi: Cengage Learning India, 2019 | 10 |
|  | The physics of waves and oscillations / BAJAJ, N. K.New Delhi: Tata McGraw-Hill, 2001 | 1 |
|  | Principles of engineering physics V. I / KUILA, S.P.Kolkata: New Central Book Agency, 2009 | 1 |
|  | Refresher course in physics V. I / ARORA, C. L.New Delhi: S. Chand, 2006 | 1 |
|  | Refresher course in physics V. II / ARORA, C. L.New Delhi: S. Chand, 2016 | 16 |
|  | Solid state physics / ASHCROFT, Neil W.Delhi: Cengage Learning India, 1976 | 2 |

**New Additions from April 2018 – March 2019**

**No BOOKS**

**New Additions from May 2017 – March 2018**

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| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Applied Physics for Engineers / VENKATRAMANAN, K - Chennai: Scitech, 2014 | **1** |
|  | Applied physics : theory and practicals / KAKANI, S. L. - New Delhi: Viva books, 2015 | **1** |
|  | Classical mechanics / GUPTA, S. L. - Meerut: Pragati prakashan, 2016 | **1** |
|  | Dynamics of a particle / DATTA, Nanigopal - Kolkata: Shreedhar Prakashani, 2016 | **1** |
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|  | Elementary statistical mechanics / GUPTA, S.L. - Meerut: Pragati prakashan, 2016 | **1** |
|  | Essentials of solid state physics / KUILA, S P - Kolkata: New central book, 2016 | **1** |
|  | Foundation of quantum mechanics / GUPTA, A. B. - Kolkata: Books and Allied, 2016 | **1** |
|  | Fundamentals of classical mechanics / GUPTA, A. B. - Kolkata: books and allied, 2016 | **1** |
|  | Introduction to classical mechanics / ROY, Nikhil Ranjan - Noida: Vikas pub., 2016 | **1** |
|  | Introduction to electromagnetic theory: a modern perspective / CHOW, Tai L. - New Delhi: Jones and Bartlett India, 2015 | **1** |
|  | Introduction to modern physics / MANI, H. S. - New Delhi: East-West press, 2000 | **1** |
|  | Mechanics / KAKANI, S.L. - Kolkata: Viva Books, 2015 | **1** |
|  | Modern physics / KAKANI, S.L. - Kolkata: Viva Books, 2013 | **1** |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Modern physics for scientists and engineers / TAYLOR, John R. - Kolkata: Viva Books, 2017 | **1** |
|  | Molecular thermodynamics / McQUARRIE,Donald A. - New Delhi: Viva books, 2017 | **1** |
|  | Nuclear and particle physics / KAKANI, S.L. - Kolkata: Viva Books, 2013 | **1** |
|  | Nuclear Physics / DEVANATHAN, V. - Kolkata: Narosa Pub, 2013 | **1** |
|  | Physics for science and engineering / NAIK, Pramod V. - Kolkata: Viva books, 2014 | **1** |
|  | Physics of the nucleus / GUPTA, A. B. - Kolkata: books and allied, 2014 | **1** |
|  | Principles of acoustics / GHOSH, Basudev - Kolkata: Sreedhar, 2016 | **1** |
|  | Principles of optics : electromagnetic theory of propagation, interference and diffraction of light / BORN, Max - Cambridge: Cambridge university press, 2016 | **1** |
|  | Quantum mechanics / KAR, R. K. - Kolkata: Books and allied, 2016 | **1** |
|  | Quantum mechanics / REED, Bruce Cameron - New Delhi: Jones and Bartlett India, 2015 | **1** |
|  | Quantum mechanics / COHEN - TANNOUDJI, Claude - Paris: Wiley-VCH, 1977 | **1** |
|  | Solid state physics / ASHCROFT, Neil W. - U. K.: Cengage learning, 1976 | **1** |
|  | Statistical mechanics / McQUARRIE, Donald A - Kolkata: Viva books, 2017 | **1** |
|  | Vibrations, waves, and acoustics / CHATTOPADHYAY, D. - Kolkata: Books and Allied, 2016 | **1** |

**New Additions from October 2016 – April 2017**

|  |  |  |
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| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Modern engineering physics / VASUDEVA, A. S. - New Delhi: S.Chand, 2008 | **1** |

**New Additions from April 2016 - September 2016**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Mechanics / KITTEL, Charles. : McGraw Hill education , 2015 | **1** |
|  | Modern quantum mechanics / SAKURAI, J. J. : Pearson India education service, 2016 | **1** |
|  | Quantum physics / WICHMANN, Eyvind H. : Tata McGraw Hill education, 2011 | **1** |
| **Sl. No.** | **Title / Author/Pub./Year** | **Copies** |
|  | Schaum's outline of theory and problems of optics / HECHT, Eugene. : McGraw Hill education, 2014 | **1** |
|  | Statistical physics / REIF, F. : Tata McGraw Hill education, 2011 | **1** |
|  | Thermodynamics, kinetic theory and statistical thermodynamics / SEARS, Francis W. : Narosa, 1998 | **1** |
|  | Vibrations and waves / FRENCH, A. P. : CBS pub, 2003 | **1** |
|  | Waves / CRAWFORD, Frank S. : McGraw Hill education , 2015 | **1** |