

List of Core Courses

BS-MS SEM-IV

January Semester

2025



Indian Institute of Science Education & Research (IISER) Tirupati

BS-MS-Semester IV

Courses offered for January 2025

Course Code * =Mandatory	Name of the Course	Name of the Instructor/s	Credit	Course Type
BIO221	Biochemistry	Dr. Raju Mukherjee	4	L+T
BIO222	Cell Biology	Dr. Sanjay Kumar	4	L+T
CHM221	Organic Chemistry	Dr. Shibdas Banerjee* Dr. Gopinath Purushothaman	4	L+T
CHM222	Advanced Inorganic Chemistry	Dr. Rana Saha* Dr. Arun Kumar Bar	4	L+T
CHM223	Physical Chemistry	Dr. Jatish Kumar* Dr. Janardan Kundu	4	L+T
ECS221*	Fundamentals of Earth and Environmental Sciences	Dr. Utpal Saikia*, Dr. Sukhmeen Kaur Kohli, Dr. Chandan Kumar B	3	L+T
HSS221*	History of Science	Dr. Nirmala K* and Dr. Bhanusree Reddy	3	L+T
MTH221	Introduction to Abstract Algebra	Dr. Venketasubramanian C G*/ Dr. Sourav Das	4	L+T
MTH222	Introduction to Real Analysis	Dr. Gururaja H A*/ Dr. Souradeep Majumder	4	L+T
PHY221	Classical mechanics I	Dr. Tapan Chandra Adhyapak	4	L+T
PHY222	Mathematical Methods in Physics I	Dr. S. Sunil Kumar	4	L+T
PHY220	Advanced Physics Lab I	Dr.Nihar Ranjan Sahoo* Dr.Ravi Kumar Pujala	3	P