

# Curriculum

## Integrated M.Sc. (Physics)Semester - 1

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">CO3025</a>	Fundamentals of Taxation	2022-23
2	<a href="#">EN3008</a>	Professional Communication	2019-20
3	<a href="#">MT3025</a>	General Mathematics	2022-23
4	<a href="#">PY3009</a>	Mechanics	2022-23
5	<a href="#">PY3010</a>	Basic of Physics-I	2022-23

## Integrated M.Sc. (Physics)Semester - 2

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">CV3004</a>	Environmental Studies	2022-23
2	<a href="#">PY3015</a>	Science and Spirituality	2022-23
3	<a href="#">PY3016</a>	Fundamental of Scientific Computing	2022-23
4	<a href="#">PY3017</a>	Mathematical Physics-I	2022-23
5	<a href="#">PY3018</a>	Basic of Physics-II	2022-23

## Integrated M.Sc. (Physics)Semester - 3

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY4012</a>	Atomic and Molecular Spectroscopy	2023-24
2	<a href="#">PY4013</a>	Electromagnetic Theory	2023-24
3	<a href="#">PY4014</a>	Classical Mechanics and Relativity	2023-24
4	<a href="#">UE4004</a>	Food and Nutrition	2023-24
5	<a href="#">UE4007</a>	General Chemistry	2023-24

#### Integrated M.Sc. (Physics)Semester - 4

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY4006</a>	Mathematical Physics-2	2020-21
2	<a href="#">PY4007</a>	Modern Physics and Communication Technology	2020-21
3	<a href="#">PY4008</a>	Digital System and Applications	2020-21
4	<a href="#">PY4009</a>	Nuclear Physics	2020-21
5	<a href="#">PY4010</a>	Applied Optics	2020-21

#### Integrated M.Sc. (Physics)Semester - 5

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY5001</a>	Quantum Mechanics and Applications	2021-22

SrNo.	Subject Code	Subject Name	Academic Year
2	<a href="#">PY5002</a>	Solid State Physics	2021-22
3	<a href="#">PY5003</a>	Experimental Techniques	2021-22
4	<a href="#">PY5004</a>	Astronomy and Astrophysics	2021-22

#### Integrated M.Sc. (Physics) Semester - 6

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">MN5034</a>	Soft Skills	2021-22
2	<a href="#">PY5005</a>	Electromagnetic Theory	2021-22
3	<a href="#">PY5006</a>	Statistical Physics	2021-22
4	<a href="#">PY5007</a>	Optics	2021-22
5	<a href="#">PY5008</a>	Communication System	2021-22

#### Integrated M.Sc. (Physics) Semester - 7

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY7001</a>	Quantum Mechanics-I	2022-23
2	<a href="#">PY7002</a>	Classical Mechanics	2022-23
3	<a href="#">PY7003</a>	Mathematical Physics	2022-23

SrNo.	Subject Code	Subject Name	Academic Year
4	<a href="#">PY7004</a>	Electronics	2022-23

**Integrated M.Sc. (Physics)Semester - 8**

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY7009</a>	Quantum Mechanics-II	2022-23
2	<a href="#">PY7010</a>	Statistical Mechanics	2022-23
3	<a href="#">PY7011</a>	Electrodynamics	2022-23
4	<a href="#">PY7012</a>	Atomic and Molecular Physics	2022-23

**Integrated M.Sc. (Physics)Semester - 9**

SrNo.	Subject Code	Subject Name	Academic Year
1	<a href="#">PY8001</a>	Condense Matter Physics-I	2023-24
2	<a href="#">PY8002</a>	Advanced Electronics	2023-24
3	<a href="#">PY8003</a>	Physics of Nanomaterial and Synthesis	2023-24
4	<a href="#">PY8004</a>	Nuclear and particle Physics	2023-24

**Integrated M.Sc. (Physics)Semester - 10**

<b>SrNo.</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>Academic Year</b>
1	<a href="#"><u>060101001</u></a>	Condense Matter Physics-II	2019-20
2	<a href="#"><u>060101002</u></a>	Non Destructive Testing	2019-20
3	<a href="#"><u>060101003</u></a>	Characterization Techniques	2019-20