



Number of Seats : 60
Course Duration : Two Years (4 Semesters)
Class Time: Morning Shift - 6:15 am onwards

MASTER OF SCIENCE - PHYSICS

Eligibility Criteria

The applicant should have a 3 or 4 year Bachelors Degree in Physics from a recognized university and should have passed with a minimum of 50%.

Course Structure

M.Sc. I Semester

1. Math Physics - I
2. Classical Mechanics
3. Quantum Mechanics-I
4. Electronics
5. Physics Lab-I

M.Sc. III Semester

- (Compulsory)
1. Quantum Field Theory
 2. Electrodynamics- II
 3. Math Physics-I
 4. Computational Physics Lab
 5. Term Paper-III(Thesis Students Only)

(Electives, Any Two)

6. Astrophysics-I
 7. Biomedical Physics-I
 8. Condensed Matter Physics-I
 9. Plasma Physics-I
 10. Solid Earth Geophysics-I
 11. Thesis
- Entrepreneurship for Physicist-Non Credit

M.Sc. II Semester

1. Quantum Mechanics - II
2. Statistical Mechanics
3. Solid State Physics
4. Electrodynamics-I
5. Physics Lab- II

M.Sc. IV Semester

- (Compulsory)
1. Particle Physics
 2. Physics Lab-III
 3. Term Paper(For Non-Thesis Students)

(Electives, Any Two)

4. Astrophysics-I
5. Biomedical Physics-I
6. Condensed Matter Physics-I
7. Plasma Physics-I
8. Solid Earth Geophysics-I
9. Thesis

Admission Procedure

Students are required to pass the entrance examination conducted by Tribhuvan University.

PLEASE NOTE: Every student has to pay

One Time Payment : 13,000 which includes

Admission Fee: 5000
Guarantee Deposit: 8000

Year I

Rs.1,20,000 payable in 4 installments

Year II

Rs.1,20,000 payable in 4 installments

- Fees once paid will not be refunded.
- Annual Fees does not include Field Visit/Camp fees/Thesis. These are to be paid seperately.
- Guarantee Deposit is refundable only on the completion of the course.

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