



MASTER OF SCIENCE - PHYSICS

AFFILIATED TO TRIBHUVAN UNIVERSITY

Number of Seats : 60

Course Duration : Two Years (4 Semesters)

Class Time: Morning Shift - 6:15 am onwards

Admission Procedure

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

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

PLEASE NOTE: Every student has to pay

One Time Payment : 12,000 which includes

Admission Fee: 5000
Guarantee Deposit: 7000

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 separately.

- Guarantee Deposit is refundable only on the completion of the course.



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