

भौतिकशास्त्र विभाग,

लोकमान्य टिळक भवन,

विद्यानगरी, सांताक्रुझ (पूर्व),

मुंबई - ४०० ०९८ (भारत).

दूरध्वनी : २६५२ ६२५०, २६५३ ३०५१,

२६५४ ३३५८

विस्तारीत क्र. ३५८

टेली फॅक्स : २६५२ २२२२, २६५३ ३०५१

मेल : head.udp@mu.ac.in

University of Mumbai



मुंबई विद्यापीठ

DEPARTMENT OF PHYSICS

Lokmanya Tilak Bhavan,

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Mumbai - 400 098 (India).

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Notice for Admission in MSc Physics for academic year 2020-2021

This is to inform that the filling of online application form for MSc Physics for academic year 2020-2021 at Department of Physics, University of Mumbai has been extended till 30th November 2020 (11 pm). Details for the online form is provided in the poster below. The first merit list will be uploaded on 1st December 2020 on the website of department of Physics.

AMKore

**Coordinator
Admission Committee
Department of Physics
University of Mumbai**



University of Mumbai

Department of Physics (Autonomous)

Admission for Year 2020-21

Master of Science (MSc)

PHYSICS

Two-year Full Time Course



Admission Requirement:

A Bachelor's degree in Physics, or an equivalent qualification,

Online Application*:

Link for the form: **QR CODE**

t.ly/Oa8u



Website:

<https://mu.ac.in/physics>

Enquires:

Email Id:

admission@physics.mu.ac.in

Phone:

022-26526250

Number of Seats: 68

Important Dates:

Admission opens:

1st November 2020

Last Date for filling of Forms:

30th November 2020 (11 pm)

Merit List: (on website)

1st December 2020

Course Structure:

Brochure : t.ly/2VbR

***No Entrance Test**



University of Mumbai

Department of Physics (Autonomous)

Highlights of the Course

Variety of Elective Courses (30+) Offered

- Computational Methods in Physics
- Nuclear Structure
- Nuclear Reaction
- Experimental Techniques in Nuclear Physics
- Particle Physics
- General Theory of Relativity
- Computer Networking
- Materials and their applications

- Semiconductor Physics
- Fundamentals of Materials Science
- Nanoscience and Nanotechnology
- Liquid crystals
- Polymer Physics
- Properties of solids
- Crystalline and non-crystalline solids
- Surfaces and thin films

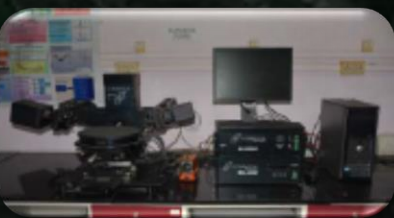
- Signal Modulation & transmission techniques
- Microwave electronics
- Radar & Optical Fibre communication
- VLSI design & embedded system
- Embedded C ARM & interfacing
- VHDL, C++ & PYTHON Programming
- Digital Communication Systems

- Astronomy & Astrophysics
- Galactic and Extra-galactic Astronomy
- Accelerator & Beam Physics
- Plasma Physics
- Group theory
- Applied Thermodynamics
- Electronic structure of Solids
- Energy Studies

State of the Art Facilities



- ❖ Advance Physics Lab
- ❖ Electronics Lab
- ❖ Material Science Lab
- ❖ Bio-Nano Physics Lab
- ❖ Molecular Electronics Lab
- ❖ Liquid Crystal Lab
- ❖ Nuclear Physics Lab
- ❖ Semiconductor Lab
- ❖ Thin Film Lab
- ❖ Surface Physics Lab
- ❖ Astro & Space Physics Lab
- ❖ Computer Lab
- ❖ Departmental Library





University of Mumbai

Department of Physics (Autonomous)

Salient Features of the Course

- Modern ICT based learning.
- Access to Departmental Library, Computer lab and Internet facilities.
- Seminars/Workshops throughout the year, of researchers of national and international repute.
- Opportunity to work in reputed research institutes (TIFR, BARC, IITB, SAMEER etc.) for project work.
- Opportunity to do research (MSc project work, PhD) in core as well as interdisciplinary fields.
- Coaching for entrance exams (NET, SET, GATE etc.) by departmental faculty members.
- Job and career guidance post M.Sc.
- Involvement in extra curricular activities such as organizing various events and outreach programs.
- Strong, global alumni engagement of the department.

Admission Rules and Regulation:

- No Entrance Test.
- Application will be accepted only through online mode by using the link t.ly/cWr7
- Admission will be granted based on marks obtained in T.Y.B.Sc . examination in SEM V and SEM VI.
- Students who have not received their Semester VI mark sheet can also apply. However, their admission will be provisional.
- Admission will be based on merit. The Merit list will be displayed on the website.
- The admission will be confirmed only after the verification of the documents by the department authority and payment of fee by the student.
- Reservation policy for admissions will be adopted as per the guidelines of University of Mumbai and Govt. of Maharashtra.
- Admission of a student from other universities will be confirmed only after submission of relevant documents.
- Admission related details are available in the Brochure (t.ly/2VbR)