

Faculty Positions

Manipal Academy of Higher Education (MAHE), Manipal an *Institution of Eminence Deemed to be University*, invites applications from eligible candidates across the globe for the faculty positions at the Department of Atomic and Molecular Physics (DAMP), Manipal a constituent unit of MAHE, Manipal.

DAMP is an interdisciplinary research hub at MAHE that offers a B.Sc. Honours in Physics, and Master's Programs in interdisciplinary areas such as Photonics and Nanoscience and Technology. It also offers very active research groups that work in subdomains of Physics, Photonics, and Nanoscience and Technology. The Department is carrying out research under the realm of atomic and molecular physics with a special focus on Ultra-fast Laser matter interactions, Multi-modal and single-cell spectroscopy, Trace element detection using laser-induced breakdown spectroscopy, Miniaturized photonics device fabrication, Nanoparticles and nanostructures for healthcare, environmental and energy applications, Surface engineering at nanoscale for micro/optofluidics as well as spectroscopy, Laser assisted nanostructure mediated crystallization, Nanobiomaging, Condensed matter physics, Plasmonics, and Biophysics. The department also offers a program in MSc Photonics. In addition, there are postgraduate programs in Nanoscience & Technology and Biophysics. The department also offers certificate courses in Laser Applications in Medicine and Biology and Nanoscience & Technology.

For more details visit - <https://manipal.edu/damp/about-damp.html>

Cadre	Eligibility
Assistant Professor	Qualification: M.Sc. in Physics and Ph.D. in Physics/Photonics with proven research experience are preferred Experience: 2-3 years of post-doctoral experience in ultrafast photonics, non-linear optics, micro-machining, etc in a foreign university
Assistant Professor	Qualification: M.Sc. in Physics and Ph.D. in Physics/Photonics/Nanoscience and Technology with proven research experience are preferred Experience: 2-3 years of post-doctoral experience in biomedical optics, device automation, nanobiophotonics/ Advanced Nanomaterial Characterization, etc in a foreign university
Assistant Professor	Qualification: M.Sc. in Physics and Ph.D. in Physics/Photonics/Nanoscience and Technology with proven research experience are preferred Experience: 2-3 years of post-doctoral experience in nanoscience and technology, 2D materials, quantum technologies, quantum optics etc in a foreign university

The candidates are required to possess a track record of high-impact factor journal publication and extramural funding and a strong desire to redefine teaching standards and build tomorrow's leaders. The selected candidates are expected to:

- Carry out Independent research activity and obtain research funding.
- Establish national and international research and academic collaborations.
- Initiate industry driven result oriented translational research
- Teach, guide, lead, and mentor undergraduate and postgraduate students
- Participate in departmental and university activities to meet the vision and mission of the department as well as the University.

The subject field in the email must contain: Faculty Position – DAMP

Eligible candidates may apply with a detailed CV including copies of certificates in support of qualification, experience, and the list of publications & research activities on or before May 20, 2024, to:

Director - HR

Manipal Academy of Higher Education (MAHE)

Madhav Nagar, Manipal 576104, Karnataka

E-mail: jobs@manipal.edu | Phone: 0820 -2923433