

PG Diploma in Molecular Diagnostics 2020-2021

Eligibility: B. Sc. (Chemistry, Zoology, Biochemistry, Biotechnology/Life-Science / Bioscience, Microbiology) & B. Tech. (Biotechnology)
Duration: 12 months
Last date: June 30, 2020 for online application form visit www.jmicoe.in

PGDMD

Rapid detection, diagnosis, and treatment of disease is the backbone of any healthcare system. The recent COVID-19 pandemic has showcased the demand for a large number of trained professionals in molecular diagnostics across globe. Molecular biology has revolutionized the healthcare system by providing rapid, timely, and cost-effective diagnostics. As the incidence of life-threatening diseases like cancer, metabolic syndrome, infectious diseases, and neurological disorders are also on the rise, the demand for trained professionals in molecular diagnostic will continue to grow.

Salient features

During the programme students will receive conceptual learning and hands-on-training on various molecular diagnostic techniques like DNA/RNA isolation, Real-time PCR, ELISA, Next Generation genome sequencing, CRISPR-Cas based diagnostic technologies like SHERLOCK and DETECTOR. Scientific seminars and presentations will be organized to help students develop a comprehensive knowledge of these techniques. Job interview skill training and assistance with project dissertations will be provided by the experts from the respective fields. Furthermore, students will be assisted to attend various workshops/conferences/meetings organized by eminent diagnostic laboratories and research Institutes.

Course Faculty

A. Madhumalar, Ph.D. IISc
Post Doc: A-Star/Singapore

Mohan C Joshi, Ph.D. JNU
Post Doc: BCM, Texas USA

Jawed Iqbal, Ph.D. AMU
Post Doc: CMS, Illinois, USA

Tanveer Ahmad, Ph.D. IGIB
Post Doc: NIH, USA

Somlata, Ph.D. JNU
Post Doc: NIID, Japan

Amit Sharma, Ph.D. NCBS
Post Doc: UoG, Sweden

For Enquiries visit our website: www.jmi.ac.in/mcars

Contact:

Mohan C Joshi, PhD
mjoshi@jmi.ac.in
+91-9540262962

Tanveer Ahmad, PhD
tahmad7@jmi.ac.in
+91-9971525411

Jawed Iqbal, PhD
jiqbal1@jmi.ac.in
+91-9911053902