

Two-Week Online Refresher Course

on

Basic Sciences (Interdisciplinary)

“Recent Advancements in Applied Aspects of Life Sciences and Basic Sciences”

29th January to 11th February, 2026

The course will be considered for the fulfilment of Career Advancement Scheme.

No Registration Fee

Register latest by 27th January, 2026



Chief Patron
Prof. Mazhar Asif
Hon'ble Vice Chancellor, JMI



Patron
Prof. Md Mahtab Alam Rizvi
Registrar, JMI



Prof. Kulwinder Kaur
Deptt. of Sociology, JMI
Hony. Director, MMTTC, JMI



Prof. Syed Naqui Kazim
CIRBSc, JMI
Course Coordinator



Prof. Ravins
CIRBSc, JMI
Course Coordinator

COURSE HIGHLIGHTS:

1. Interdisciplinary approaches and recent advancements in applied sciences.
2. Computational Life sciences, Bioinformatics, Systems biology, AI tools and Data analytics.
3. Agriculture science, genetically modified crop, Environmental sustainability and Renewable sources of energy.
4. Modelling the molecular basis of life- Protein folding, dynamics and structural biology.
5. Theoretical and Applied physics in science.
6. Mathematics and Statistics in epidemiological studies and research design.
7. Chemistry in pharmaceuticals.
8. Bioengineering, Nano-biotechnology, Nano-biosensors and Molecular medicine in diagnostics and therapeutics.
9. Advanced research tools- Microscopic and spectroscopic applications.
10. Scientific framework and Policy- Research proposals, Research ethics, IPR and Patent.

STEPS TO REGISTER & APPLY:

1. Register on <https://mmc.ugc.ac.in>
2. The credentials will be sent on your registered email id
3. Login with your credentials <https://mmc.ugc.ac.in>
4. Apply into other Programmes; Category - Refresher Course
5. Select Jamia Millia Islamia, with date (29.01.26 to 11.02.26)
6. Fill other details and submit your form.

DISCIPLINES:

Physics, Chemistry, Biology, Mathematics, Computer Science, Statistics, Bioinformatics, Life Science, Bioengineering, Nano-biotechnology, Nano-biosensors and Molecular Medicine.

DURATION OF PROGRAMME:

Two-Weeks Online Refresher Course has a duration of 12 days (excluding Sundays). Four Sessions of one and half hour from 10.30 am to 5.30 pm

ELIGIBILITY FOR PARTICIPATION:

Faculty members working in universities and colleges that are included under Section 2(f) of the UGC Act. The teachers of colleges that do not yet come within the purview of Section 2(f), but have been affiliated to a university for at least three years, will be permitted to participate in the course.

CERTIFICATE CRITERIA:

To receive the Certificate, participants must attend all the sessions; submit individual/group assignments; take tests or do the other exercises for evaluation purposes.

CONTACT DETAILS

(for queries related to registration only from 9.00am to 5.30pm)

9811991993, 9868750604

Course Coordinator: 9868655958, 9953621758

Email: mmttcparticipants@jmi.ac.in

**Malaviya Mission Teacher Training Centre
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