

Marching from strength to strength....

HAMDARD UNIVERSITY (Jamia Hamdard) is actively involved in offering Higher Education, Professional Trainings and conducting Research in Biomedical Sciences for almost two decades.

The University has continuously been striving rigorously to achieve academic excellence and produce world class research in the area of Biomedical Sciences related to human health care. A number of significantly newer developmental activities introduced under the leadership of the present Vice-Chancellor Dr. S Ahmad in the fields of academics, infrastructure and management are summarized below.

New Academic Programs Launched

- MBA (Health Informatics),
- B. Tech - Computer Science (CS) and Information Technology (IT),
- M. Tech - Computer Science (CS),
- M. Sc and M. Tech – Bioinformatics – DBT Sponsored,
- B. Tech and M. Tech - Food Technology and Nutrigenomics – Ministry of Food Processing Industries, Govt of India Sponsored,
- M. Sc and M. Tech - Bioelectronics and Instrumentation – UGC Innovative Program,
- M. Sc Nursing and
- Short Term English Language Course for Foreign Students.



Dr. S Ahmad
Vice-Chancellor, Hamdard University

New Faculty and Advanced Research Center Established

- Faculty of Engineering and Interdisciplinary Sciences (FEIS) and
- Hamdard Nanobiotechnology Centre of Advanced Research (HNCAR) - UGC and HNF (Hamdard National Foundation) sponsored.

Infrastructure Added

- Basic Sciences Laboratories – Anatomy, Physiology and Biochemistry laboratories meeting MCI recommendations for first two years teaching of MBBS program in proposed Hamdard Institute of Medical Sciences (HIMS),
- Augmentation of additional 200 beds capacity in the existing Majeedia Hospital required to start MBBS program in HIMS,
- Construction of 200 Seated Working Women Hostel – UGC and HNF sponsored plan finalized and construction to start soon.

Other Highlights

- Necessary preparations for starting Hamdard Institute of Medical Sciences (HIMS) have been completed,
- Comprehensive Network of Jamia Hamdard Off Campus Programs - planned; and few of them were launched.
- Jamia Hamdard Off-Shore Campus, Ajman, United Arab Emirates – Formalities Completed; Government Approval awaited.
- Research Activities in Nanobiotechnology - an integration of Nanotechnology and Biotechnology; initiated to develop Nanomedicines.
- An innovative research program of Herbal Nanomedicines initiated – Turmeric, Black Pepper, Berberine, Artemisinin, 'Amla, Harar, Bahera'(Trifala) and Kalaunji were converted into nanoform and tried on animal models – impressive results on dose reduction and enhanced efficacies observed.
- Modern medicines based on molecular formulations were converted into nanoforms – animal trials produced significant reduction in dose and improvement in efficacy.
- Complete Nano Formulation Technology for conversion of molecular as well as herbal medicines – established.
- Nanoparticle Conjugates of Nano Herbal forms for Targeted Drug Delivery – Currently under process.
- Nano Aerosol based Improved Formulations for Lung Diseases – Developed and currently under trial.
- Nano Gel Formulation of grease base medicinal preparations established.
- Nanomedicine Development Program – Fully supported by DBT, DST and ICMR – currently under process.
- Industry-Academia Interaction – Training of Engineers recruited by IT Industries has been a Grand Success at Jamia Hamdard.
- Manpower Training in Advanced Areas like Biotechnology, Biochemistry, Computer Science, and Pharmacy is currently going on for the Staff of State University of Science and Technology, Nigeria.