

JAMIA MILLIA ISLAMIA UNIVERSITY

FACULTY OF ENGINEERING &
TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

PLACEMENT BROCEDURE
2014-2015



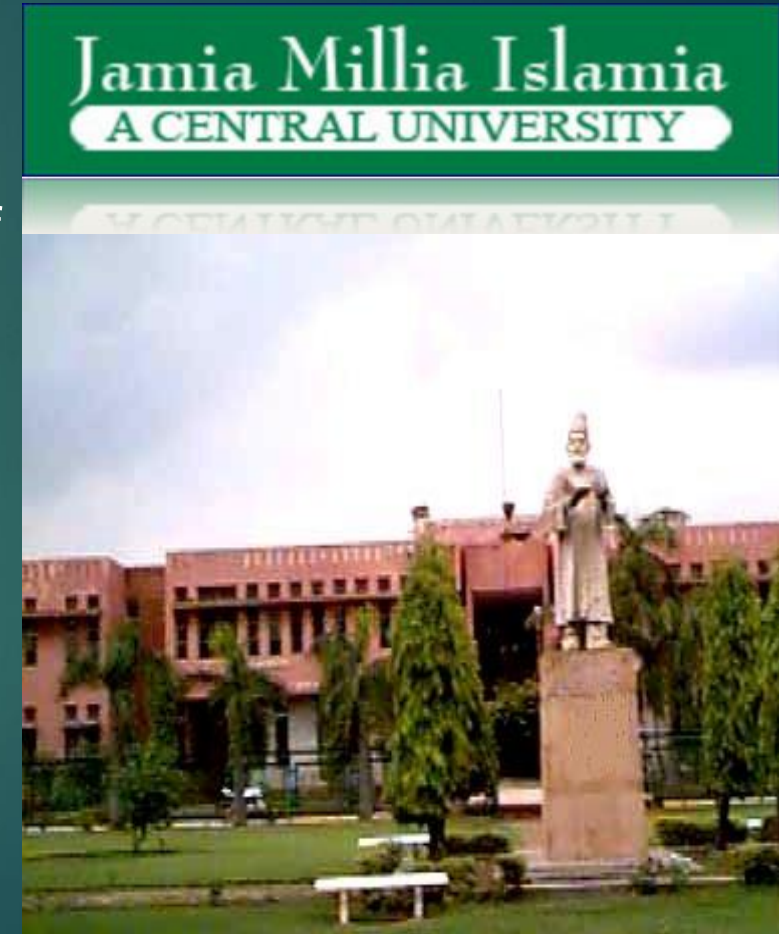
About Jamia Millia Islamia University



“ALLAMMAL INSAANA MAALAM YALAM (TAUGHT MAN THAT WHICH HE KNEW NOT)”

Jamia Millia Islamia is a central university (by the Act of Parliament, Govt. of India) located in Delhi. It was established at Aligarh in United Provinces, India in 1920, its campus shifted from Aligarh to Delhi in 1925 and the foundation stone of the present campus was laid in March 1930. Since then, the university has expanded and become known as a premier educational institution of the country. Recognizing its contribution in the field of teaching, research and extension work, the University Grant Commission (UGC) bestowed the “Deemed University” status to it in 1962, and it was designated a Central University in 1988.

The journey from Aligarh to Delhi, not only represents the physical expansion of Jamia, but also presents a lesson for those who want to build educational institutions for the nation. It is therefore not surprising that Rabindranath Tagore once called the university as “ *One of the most progressive educational institutions of the country*”



About faculty

This faculty was established in 1985 with the departments of civil, mechanical and electrical engineering. It has added the departments of electronics and communication engineering, Department of Applied Science and Humanities (1996), Computer engineering and a university of polytechnic.



Its undergraduate program include B.Tech in –

- Civil engineering
- Computer engineering
- Electrical engineering
- Electronics and communication engineering
- Mechanical engineering

It also offers post graduate programs such as-

- M.tech (Electrical power system management)
- M.tech (Control and Instrumentation system)
- M.tech (Machine design, Thermal, production and Industrial engineering)
- M.tech (Earthquake engineering)
- M.tech (Environmental science and engineering)
- M.sc (Electronics)
- Ph.D.

Full time and part time Diploma is provided in university of polytechnic.



Department of Civil Engineering

The Department of Civil Engineering at Faculty of engineering and technology was established in 1985 with a view of imparting quality education and technical skills to students. It has a rich tradition of excellence in teaching, research, and service.

The department of Civil Engineering has a world class faculty. The faculty holds degrees from top National and International universities. They are involved in several cutting edge industrial researches and provide consultancy to various government and private organization. The faculty has published many International Journals and Papers in National and International Conferences.



LABORATORIES

Students are imparted practical training in the laboratories with the objective to reinforce theoretical concepts taught in the classrooms.

The department has well equipped laboratories for:

- Hydraulics and Water Resources
- Building Materials
- Computer Aided Design
- Surveying
- Environmental Engineering
- Geology
- Remote Sensing and GIS
- Structural Engineering
- Transportation Engineering
- Soil Mechanics
- Geotechnical Engineering

Faculty members of Civil Department



PROFESSORS

**Dr. Mohammad Shakeel
(Head of Department)**

Dr. Khalid Moin

Dr. N. U. Khan

Dr. Mehtab Alam

Dr. Gauhar Mahmood

Dr. Shamshad Ahmad

Dr. Farhan A. Kidwai

Dr. Mohammad Sharif

Dr. Nazrul Islam

Dr. Quamrul Hassan

Dr. Syed Mohd Abbas

Dr. Sirajuddin Ahmed

ASSISTANT PROFESSORS

Dr. Syed Asad Salam

Dr. Kafeel Ahmad

Dr. Rehan A. Khan

Dr. Azhar Husain

Dr. Akil Ahmad

Dr. Saif Said

Mohd. Umair

Dr. Syed Shakeel Afsar

Dr Rehan Ahmad Khan

ASSOCIATE PROFESSORS

Ziauddin Ahmad

Sayed M. Muddassir

Dr. Asif Husain

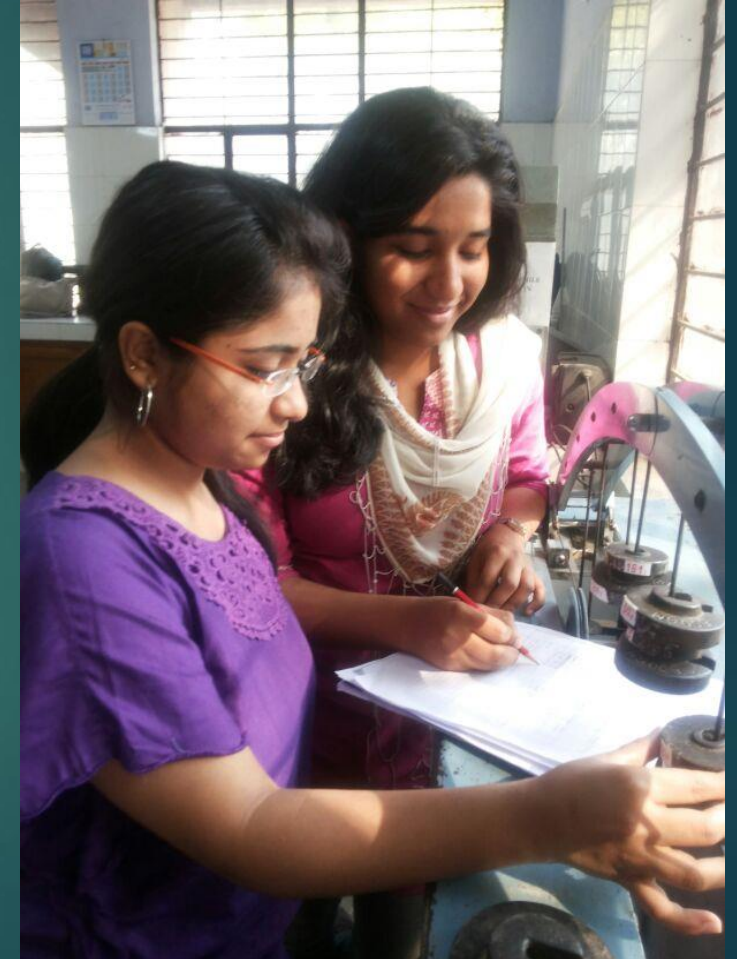
Dr. Naved Ahsan

Project and Research



Civil Engineering accords pivotal status to research and development in pursuit of excellence. The department plays a vital role in facilitating research and development addressing the needs of the nation and contributing to global development.

- Submitted a project to AICTE on ““Design of Mix using dismantled Concrete” with an approximate cost of Rs. 19.67 Lac.
- FIST program, Department of Science and Technology, Government of India, Rs. 78 lakhs.
- Special Assistance Program, UGC, 43 lakhs, Prof. Khalid Moin and Dr. R A Khan.
- Research Promotion Scheme (RPS), AICTE, 14 lakhs, Prof. Khalid Moin and Dr. R A Khan.
- Sustainable Water Resources Management of Ganga, Brahmaputra Basin, AICTE, Rs. 14 lakhs, Quamrul Hasan.
- Pilot Plant Design, Operational Supervision and Performance Evaluation of Subsurface Root Zone Treatment System for Secondary Treatment of Effluent From Steel Industry, SAIL, Rs. 8 lakhs, Sirajuddin Ahmad.



Project and Research



- Feasibility Study for Zero Discharge and Zero Solid Waste Disposal of Five Star Hotels in Delhi, Ministry of Environment, Govt of Delhi, Rs. 9.8 lakhs, Sirajuddin Ahmad.
- Fusion of Satellite Data for Urban Features Extraction, AICTE, Rs. 9.5 lakhs, Shamshad Ahmad and S M Mudassir.
- The Department has academic and research collaboration with **University of Erfurt, Germany** and is in the process of establishing research collaboration with **University of Waterloo in Canada** and **University of Edinburgh in UK** besides having linkages with major industries.
- Each year, six to eight students of the department, accompanied by two faculty members, visit **University of Erfurt in Germany** under the student exchange program. Prof. Khalid Moin is the coordinator of the student-exchange, and delivers lectures to undergraduate and postgraduate students at the University of Erfurt, Germany. In exchange, professors from Erfurt teaches our students.



Research works



- Structural Dynamics/ Earthquake Engineering
- Reliability Analysis of Structures
- Retrofitting of Structures
- Soil-Structure interaction
- Off-Shore Structures
- Air, water and noise quality modeling.
- Solid waste management and leachate studies
- Application of GIS and remote sensing in water resources
- Environmental Engineering
- Reuse of dismantled concrete
- Sustainable Development
- Water resource planning and management



- The department has research collaboration with the University Of Edinburg, UK; University of Wisconsin, USA; University of Kogakuin, Japan; and the University of Applied science, Erfurt, Germany
- Ongoing research projects funded by AICTE, SAIL, BMPTC, DPCC.

International Conferences attended by faculty members



- “Temperature Trends in Sutlej River Basin”, Int. Conf. On Global Warming, **ISTANBUL TURKEY**, June 08-12.
- “Development of LINGO-Based Model for Water Resource Systems Optimization”, Int. Conf. On Civil and Environmental Engineering for Sustainability, April 3-5, **JOHOR BAHRU, MALAYSIA**.
- “Investigation of Structural Failure of a R C Hotel Under construction”, 2nd International Conference on Civil and Transportation System ICCTS’13) May 8-9, 2013 **PENANG (MALAYSIA)**.
- “Retrofitting of Historical Masonry Building” International Conference on Advances in Engineering and Technology, ICAET 2013.



Following International Journals Published



- “Acceptability of Demolished Concrete Waste in Making High Strength Self Compacting Concrete”, International Journal of Civil Engineering (IJCE), Vol. (IJCE), Vol. 2, Issue3, July, 2013, 1-12.
- “Investigation of Structural Defects and Renovation of A RC Residential Building”, International Journal of Chemical, Environmental & Biological Sciences (IJCEBS) Volume 1, Issue 2 (2013).
- “Comparative Response of Double Hinged ALP Using Airy’s And Stoke’s Wave Theories”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2, Issue 5, May 2013.
- “Behavior of Double loading Platform Under Ocean Current”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 2, Issue 6, June 2013.
- “Trends in Stream flow Magnitude and Timings in Sutlej River Basin”, Proc. American Society of Civil Engineers, World Environmental and Water Resources Congress, 2012, 20-24 May, New Mexico, USA.
- “Stochastic response of a double hinged articulated leg platform under wind and waves”, Journal of Wind Engineering and Industrial Aerodynamics.
- “Dynamics of bi-articulated tower under various sea environments”, Journal of Engineering Structures (Paper No: ENGSTRUCT-D-12-01022).



Awards and Achievements



AWARDS TO FACULTY MEMBERS

- The Cambridge Certificate for outstanding Engineering achievement 2012 awarded by IBC, Great Britain.
- The SIR ISAAC NEWTON Scientific Award of Excellence 2012 awarded by American Biographical Institute.
- Robert Carr Prize for Best Publication in the Journal of Water Management published by the Institution of Civil Engineers, United Kingdom.

ACHIVEMENTS

- Selection with good rank in All India competitive Exams like Indian Engineering Services, GATE and several PSU's.
- Alumni working in renowned public, private & government organizations such as DMRC, L & T, Gammon, LURGI, Samsung Heavy Industries, Ambuja cement, CRRI, Mott MacDonald, NTPC, ONGC, IOCL and many more.



Workshop and Seminar



Department of Civil engineering organize workshops on the various vital topics-

- The department have organized a workshop on “self compacting concrete” in collaboration with Ambuja Cement at Dadri plant, UP .
- Fourth National workshop on “Seismic Assessment and Safety of Structures”, organized by Department of Civil Engineering (Jamia Millia Islamia) and ISET (Delhi) chapter, with key Note Speakers- Prof.D.K.Paul (IIT-Roorkee), Prof.TK.Datta (IIT-Delhi) and Prof. Chandan Ghosh (Head GHRMD,NIDM), finded by UGC.
- One week Survey camp was organised at “Badhkal Lake”, Faridabad, Haryana by department of civil engineering under the guidance of Prof. Shamshad Ahmed, Prof. Ziauddin Ahmed, and Prof. Umar.
- In 2013 the Survey Camp was held in BGSBU Rajaouri, J&K by department of civil engineering under the guidance of Prof. Shamshad Ahmed, Prof. Saif Sayed, and Prof. Umar.

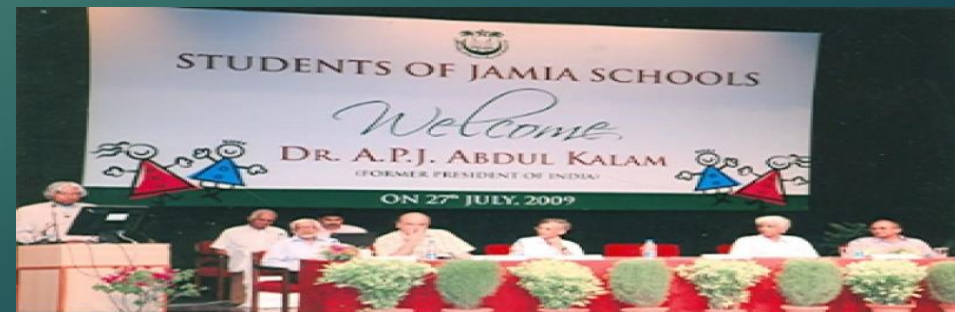


Beyond the Academics



Over many decades Jamia Millia Islamia has strived, not to a benchmark but to be benchmarked against, to be second to none but to be first to respond to needs of people.

- To inculcate in students extracurricular values, there are many International societies like IEEE, CSI, SAE, ASME and ISEI.
- Faculty of engineering and technology have organised its own techno-cultural fest “Tanglo Town” in last academic session.”
- Jamia Millia Islamia participated in “Toyota University Cricket Championship”.
- Techno-cultural festivals are organised by the student chapter of these reputed societies such as Algorhythm, Encomium, Inerzia, etc.
- Jamia Millia Islamia has its own community radio service FM 90.4.



Past Recruiters



Placement Team



RIHAN KHAN SURI

Training and Placement officer

University Placement Cell, 125, Faculty Of Engineering and Technology

Jamia Millia Islamia, New Delhi-110025

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Student coordinators

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