



PLACEMENT BROCHURE

2023-24

DEPARTMENT OF CIVIL ENGINEERING



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Jamia Millia Islamia
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JAMIA MILLIA ISLAMIA

Jamia Millia Islamia originated as the movement of a struggle for education and cultural renaissance against the colonial regime and evolved a national culture for common Indian. It's foundation is to promote patriotism and national integration among Indians, who will be proud to take part in the future progress of India, which will play its part in the comity of nations for peace and development and to prepare the children of masses in general and Muslims in particular to be the masters of the future in different subjects/disciplines of their choice.

Today, Jamia Millia Islamia is an "A++" grade Central University accredited by NAAC and is an ensemble of a multi-layered educational system which covers all aspects of schooling, under-graduate and postgraduate education. We are in the process of 2nd cycle assessment of NAAC.

The university recognizes that teaching and research are complementary activities that can advance its long-term interest. It has Natural Sciences, Social Sciences, Engineering & Technology, Education, Humanities & Languages, Architecture & Ekistics, Fine Arts, Law and Dentistry Faculties. Also, it has a well-known AJK Mass Communication Research Centre. Jamia has over thirty research centres that have given it an edge in terms of critical research in various areas. Some of these are Centre for Peace and Conflict Resolution; Academy of International Studies; Centre for Culture, Media and Governance; Centre for Dalit and Minorities Studies; Centre for Nano sciences and Nanotechnology; FTK Centre for Information Technology; Centre for Management Studies; Dr. K.R. Narayanan Centre for Dalit & Minority Studies; Centre for West Asian Studies; Centre for Physiotherapy & Rehabilitation Sciences; Centre for Theoretical Physics, Centre for Interdisciplinary Research in Basic Sciences and Multidisciplinary Centre for Advanced Research and Studies.

The objectives of the University shall be to disseminate and advance knowledge by providing instructional, research and extension facilities in such branches of learning as it may deem fit and the University shall endeavor to provide to students and teachers the necessary atmosphere and facilities for the promotion of :-

- Innovations in education leading to restructuring of courses, new methods of teaching and learning, and integral development of personality;
- Studies in various disciplines;
- Interdisciplinary studies;
- National integration, secularism and international understanding



OUR MOTTO

Allammal Insaana Maalam Yalam

“Taught man that which he knew not“. Our motto truly encapsulates our institution’s ideals and beliefs.

Jamia Millia Islamia consistently thrives to accomplish this Vedanta which means to “Read in the name of your Lord who created man from a clot. Read, for your Lord is most generous , who teaches by means of the pen, teaches man what he does not know.”

GLOBAL RANKINGS

1st

Rank

A M O N G S T

Top **Central Universities** in the country

Accredited with Grade **A++** by **NAAC**



NBA ACCREDITED

3rd Among
all Universities in India
(MHRD-NIRF 2023)

26th Among Engineering
Colleges in India
(MHRD-NIRF 2023)



**601 –
800th**

World University
Rankings 2022

180th

Asia University
Rankings 2021

The QS World University Rankings of
2022 has ranked Jamia Millia Islamia at



186th

position in Asia

MESSAGE FROM THE VICE CHANCELLOR



Jamia Millia Islamia has become an ensemble of a multilayered educational system which covers all aspects of schooling, under-graduate, post-graduate, Ph.D. and post-doctoral education.

Jamia today holds the torch of illumination giving shape to ideas and fostering innovation. Living up to the promises of the founding fathers, we strive to realize our vision “to create a human universe that offers inclusiveness, equity, fellowship, justice and peace for one and all”. Jamia Millia Islamia in its 100th year has been ranked as the best Indian Central University by the Ministry of Education in the list of 40 central universities. Jamia is placed at 6th in the universities category ranking of NIRF.

The university was established to impart knowledge for human beings to develop a human society with wisdom. However, by the era of ICT/Internet, the role of universities has diversified substantially. Now Universities have to fulfil their commitment in the fast-changing environment of this era of the present millennium. Therefore, Placement Record and Placement prospects became all the more important parameters for the success of Universities and their Departments, which need to strengthen dynamically.

I feel proud of the Faculty of Engineering and Technology that it has been conscious and sensitive in these matters. It has not only restructured its courses thoroughly to incorporate the latest and the best, but also appointed a Placement Committee lead of a Professor rank in each of its Departments to improve placement prospects for the current and the forthcoming batches.

I am also happy to get acquainted with the dynamic leadership. The university level placement team led by Prof Zainul Abedin Jaffrey is also striving hard for the same goal. Therefore I have no hesitation to state that it will bring marvelous results for the benefits of our professional students of the Faculty of Engineering and Technology. I invite all the concerned industries to help us strengthen our campus placement efforts by selecting our students as professionals, thereby giving them opportunities to contribute positively towards their industrial goal and at the same time allow them to grow themselves as well. I wish them success in their future endeavors.

Prof. Najma Akhtar
Vice Chancellor
Jamia Millia Islamia

FACULTY OF ENGINEERING & TECHNOLOGY

MISSION

To become a leading engineering Institute through knowledge, creation, acquisition, and dissemination for the benefit of society and industry for sustainable development.

VISION

- To develop a center of excellence by imparting quality education to produce technically sound and research-oriented professionals to face the emerging challenges of society and industry.
- To enhance knowledge by innovative teaching, engaging in cutting-edge research, and developing linkages with industry.
- To impart ethical, social, and environmental values to produce competent engineers for the service of mankind.
- To inculcate technology capabilities through continuous interaction with academia and industry in emerging areas for sustainable development.



FACULTY OF ENGINEERING & TECHNOLOGY

The Faculty of Engineering and Technology was established in 1985 with the objective to provide outstanding engineering education directed at enriching the quality of the home to over 2000 students and 200 academic, administrative, and technical staff.

The Faculty has six departments - Civil, Mechanical, Computer, Electrical, Electronics, and Applied Sciences and Humanities. The Faculty of Engineering and Technology is equipped with more than 125 regular faculty members who care about the students and their success. More than 80% of the faculty hold, Ph.D. degrees from Institutes of repute in India or abroad.

Faculty members are actively involved in research and consultancy projects of national importance.

FROM THE DEAN'S DESK



Faculty of Engineering & Technology, Jamia Millia Islamia has distinguished itself as a leading knowledge hub for technical minds. With its bright students from across the country, able Faculty members and up-to-date research infrastructure, the Faculty of Engineering & Technology has been able to produce excellent graduates for the service of the Nation. Our graduates are gainfully employed in Government services, reputed corporate houses and high ranked educational Institutions globally.

The faculty members are engaged in research, in emerging areas of Smart grid, Deep learning, Artificial Intelligence, Advanced Manufacturing, Smart materials, 5G communications, Geotechnical and Environmental Engineering, etc, and are carrying out many research projects & consultancies in these areas. This gives the students, a glimpse of the emerging areas, coupled with regular revision of the curriculum in consultation with industry experts, alumni and academicians makes the students Industry ready.

At Jamia Millia Islamia, it is our endeavour to develop the students as rounded individuals and all efforts are made to ensure participation of the students in cocurricular activities on a regular basis and the campus has the student chapters of reputed international societies such as IEEE, ASME, ASCE, SAE, TRS, ISTE etc. Students are encouraged to excel in extracurricular activities. I invite reputed corporate and research organizations to visit our campus and I am sure you will find the best fit for your needs from our bunch of talented students.

Prof. Mini Shaji Thomas

Dean, Faculty of Engineering & Technology

CALL AT CAMPUS

The technological revolution and the forces of globalisation have changed functionality of organisations in the recent years. We at Jamia Millia Islamia endeavour to enable our students to move forward confidently; to embrace change rather than follow, to innovate rather than remain stagnant and to initiate rather than respond and thereby to become competent managers and dynamic entrepreneurs in a rapidly changing economic and industrial environment.

We solicit your cooperation in our attempt to create a knowledge society that fortifies the intellectual, physical, mental and spiritual dimensions of individuals for holistic development.

You are cordially invited to our campus to interact with our new age professional managers and assess their skills to assist helping your organisation grow perpetually.

Dr. Rahela Farooqi

Hon. Director, University Placement Cell.



FROM THE HOD'S DESK



Since the inception of the Department of Civil Engineering, it has contributed not only to academic excellence but also to research and consultancy services.

The department has well-qualified and experienced faculties in the various domain of Civil Engineering. The curriculum of all the programs is aligned as per AICTE, NBA and NAAC with emphasis on core subjects as well as on advanced topics. The department has well-equipped laboratories and research labs to facilitate the learning of the students.

The department has strong industry linkages and active collaboration with international universities. Students actively participate not only in the CE chapter of ASCE but also in other chapters of the Faculty of Engineering as well as at national level competitions.

In a nutshell, the department provides an excellent opportunity for civil engineering students. A large number of applications received every year for admission is a testimony of our reputation.

Quality improvement is an ongoing process and the department is continuously making efforts in the journey of excellence with active contributions by the faculty and students thereby contributing to the society and nation.

You are welcome to visit the website of the department at <https://www.jmi.ac.in/civil>

Prof. Farhan Ahmad Kidwai

HEAD

Department of Civil Engineering

FROM THE TPC'S DESK



This is an era of technological innovations. The modern educational world is reverberating with waves of innovation all around the world. In this dynamic milieu, it is mandatory that the young minds of our country be nurtured and encouraged to be placed at the highest pinnacle of success.

The present batch of our young budding students of different courses of the university is working hard to be a part of the large dynamic industry. The intensive training and the encouraging learning environment of our institute has made them proficient in the basic as well as specialized fields of relevance. The various value-added courses being imparted at the Institute have given adequate exposure to our students. Apart from core technical skills, our students are competent in soft skills too.

JMI has provided a perfect environment for developing the overall personality of the students. We are confident that these young men and women would be an asset to your organization through their technical and managerial capabilities and their talent for innovation.

Our aim is to actively assist you in attracting and identifying the individuals best suited to your needs and in developing a successful recruitment relationship.

Prof. Azhar Hussain

Training & Placement Officer Dept. of Civil Engineering

DEPARTMENT OF CIVIL ENGINEERING



The Department of Civil Engineering is one of the oldest and the largest departments in the Faculty of Engineering & Technology.

The department has produced several eminent engineers who have made important contributions in the planning and execution of many important Civil Engineering projects in India as well as abroad.

The research programmes of the department are funded by various agencies such as Ministry of Human Resource Development (MHRD), Department of Science & Technology (DST), Ministry of Environment & Forests (MoEF), Central Pollution Control Board (CPCB), All India Council of Technical Education (AICTE), University of Grants Commission (UGC), Ministry of Steel and Ministry of Urban Development.

Major area of research in the Department include - Sustainable Development, low cost sanitation, water treatment, and water quality modelling, Reuse of concrete, application of GIS and environment, Vulnerability assessment, Seismic analysis of structures, retrofitting. Soil structure interaction, Hydroclimatology.

Leading MNCs and public sectors are regular recruiters of our students and many students have been selected in Engineering Services. Several of our alumni pursued higher education in abroad also.

The Department strongly believes in continuous efforts to strive for excellence by exploring new frontiers of knowledge, Imparting the latest technical knowledge to the students and conducting high quality research.

ACADEMIC CURRICULUM

UNDERGRADUATE

- All first year undergraduate students are required to compulsory complete basic science and humanities courses.
- Second year onwards, students specialize in their respective departmental studies. Students need to score a minimum number of credits to advance to the next year. Years 2 and 3 of education are in depth studies of core subjects, through students may opt for non-core electives.
- Four year students are expected to focus on research work, and complete major and minor projects.

MANDATORY INDUSTRIAL TRAINING

Recognising that students need first hand experience in their chosen careers, Department of Civil Engineering has made Industrial Training compulsory with 2 credits. One mentor from the department is also assigned for helping students during internships.

POST GRADUATE

- Post Graduate curriculum focuses on the specialisation in the department.
- Each department has different credit requirements.



CHOICE BASED CREDIT SYSTEM

Introduced in 2015, the system provides students an opportunity to for subjects that are outside of their core education, and that they feel suited for, CBCS encourages diversification among students.

HUMANITIES

FET realises that an education is more than specialised domain knowledge, and hence encourages students to take various non-technical courses to help them grow as well - rounded individuals, and simultaneously prepare them for life after college.

ACADEMIC

CURRICULUM

CORE

Structural Analysis and Design

- Strength of Materials
- Construction material & Management
- Structural analysis by conventional & software method
- Design of RCC and STEEL structures.
- Bridge Engineering

Geotechnical Engineering

- Engineering Geology
- Soil Mechanics
- Soil Investigation Techniques
- Foundation Engineering

Transportation Engineering

- Highway Engineering
- Railway Engineering
- Airport Transportation and Planning
- Dock & Harbour Engineering

Water Resources Engineering

- Fluid Mechanics & Hydraulics
- Engineering Hydrology & Flood Control System
- Irrigation Engineering

Environmental Engineering

- Water Supply Engineering
- Waste Water Engineering
- Air & Noise Pollution study
- Solid waste Management

Geomatics Engineering

- Principle and Practice of Surveying
- Photogrammetry & Remote Sensing

Engineering Economy & Construction management

- Estimation and Costing
- Computer Application & software in Civil Engineering

ELECTIVES

- Earthquake Resistant Design of Structures
- Water Resource Engineering
- Ground Water Engineering
- Construction Project Management

CORE (M.TECH)

- Advance Structural Analysis
- RCC design
- Finite Element Method
- Analysis and Design of Tall Buildings
- Earthquake Resistant Design of Structure
- Theory of Vibrations
- Seismology and Geotechnical Engineering
- Fundamental of Earthquake Analysis
- Structural Optimization Techniques
- Offshore Structure analysis
- MATLAB

LABS

- Seismology Laboratory
- Structural Dynamics Laboratory

FACULTY / EXPERTISE



Dr. Farhan Ahmad Kidwai
Professor & HoD
Transportation Engineering



Dr. Gauhar Mehmood
Professor
Engineering Geology



Dr. Mohammad Shakeel
Professor
Water Resources Engineering



Dr. Nazrul Islam
Professor
Structural Engineering



Dr. Shamshad Ahmed
Professor
Remote Sensing & GIS



Dr. Mohammad Sharif
Professor
Water Resources Engineering



Dr. Quamrul Hassan
Professor
Water Resources Engineering



Dr. Naved Ahsan
Professor
Environmental Engineering



Dr. Syed Mohammad Abbas
Professor
Geotechnical Engineering



Dr. Asif Husain
Professor
Structural Engineering



Dr. Kafeel Ahmad
Professor
Environmental Engineering



Dr. Azhar Husain
Professor
Water Resources Engineering



Mr. Ziauddin Ahmad
Associate Professor
Soil Mechanics



Dr. Sayed Mohammad Muddassir
Associate Professor
Urban Planning



Dr. Akil Ahmed Associate
Professor Structural
Engineering



Dr. Syed Shakil Afsar
Assistant Professor
Environmental Engineering



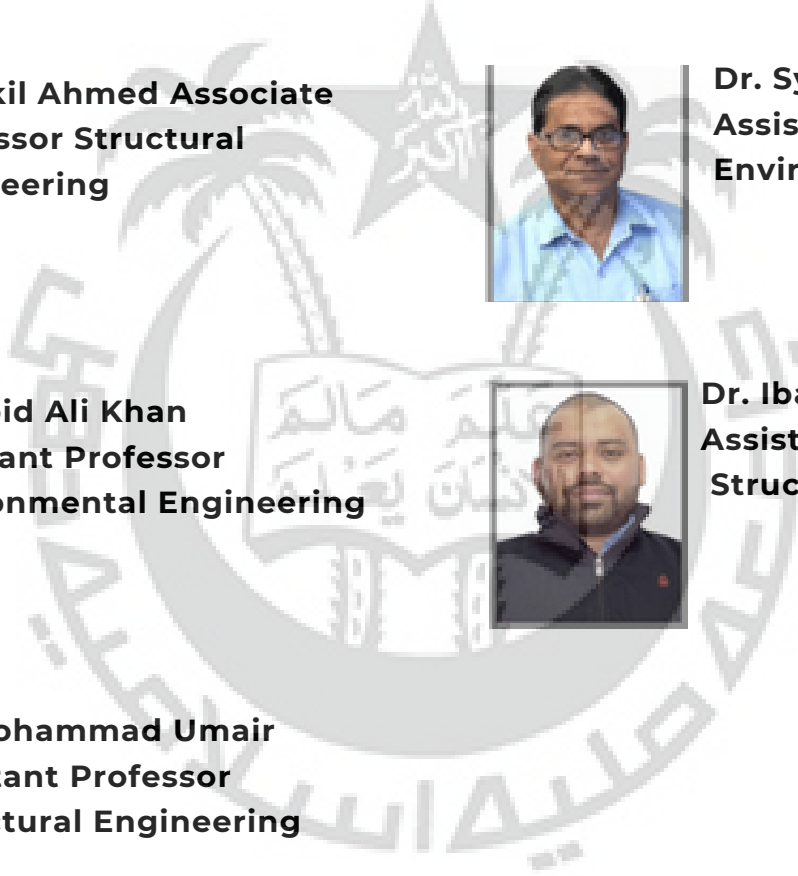
Dr. Abid Ali Khan
Assistant Professor
Environmental Engineering



Dr. Ibadur Rahman
Assistant Professor
Structural Engineering



Dr. Mohammad Umair
Assistant Professor
Structural Engineering



LABORATORIES & EXPERIMENTAL FACILITIES

Well equipped laboratories in different fields of

CIVIL ENGINEERING

- Advance Dynamics Laboratory (Research)
- CAD Laboratory
- Engineering Material Laboratory
- Environmental Engineering Laboratory
- Geomatics and Geotechnical Laboratory
- Hydraulics Laboratory
- Lab MiET (Research)



**Hardness Testing
Apparatus**

• Structural Laboratory

• Transportation Laboratory



Installation of Large Shake Table



Lab MiTE (Research)



Open Channel



ABEM Terrameter



Beam Testing Machine



Compression Testing Machine



Three Gang Oedometer Machine

SKILLS

Technical Knowledge: Students develop a strong foundation in various engineering principles, including structural analysis, fluid mechanics, geotechnical engineering, transportation engineering, environmental engineering, and more.

Mathematical and Analytical Skills: Using mathematics to solve complex problems, analyze data, and make informed decisions. Skills in calculus, differential equations, linear algebra, and statistics are important.

Problem-Solving Abilities: Students are trained to identify, assess, and solve engineering challenges related to design, construction, and maintenance of infrastructure projects.

Computer-Aided Design (CAD): Proficiency in CAD software is crucial for creating detailed designs and plans for various engineering projects, including buildings, roads, bridges, and other structures.

Project Management: Students learn about project management principles, including scheduling, budgeting, resource allocation, and risk management.

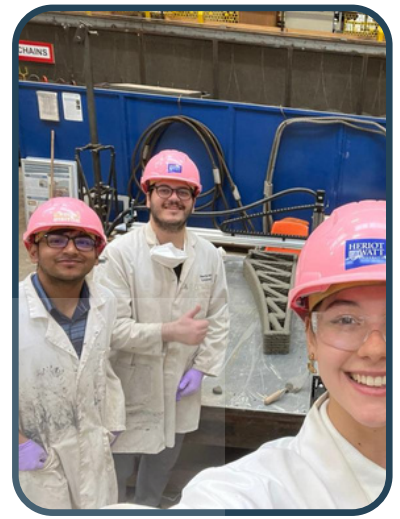
Construction and Materials Knowledge: Students gain an understanding of construction methods, materials, and techniques used in building and infrastructure projects.

Communication Skills: Effective communication is vital for conveying technical information to colleagues, clients, and stakeholders. Clear written and verbal communication ensures that engineering plans and ideas are understood and executed correctly.



Teamwork and Collaboration: Civil engineering projects often involve multidisciplinary teams. Students are skilled to collaborate effectively with other engineers, architects, contractors, and professionals from different fields.

Research Skills: Civil engineering students often engage in research to explore innovative solutions, new materials, and advanced technologies.



Geotechnical Skills: Understanding soil mechanics, foundation design, and earthworks is important for designing safe and stable structures.

Structural Analysis and Design: Students learn how to analyze and design structures to withstand loads and forces, ensuring safety and stability.

Transportation Engineering: Knowledge of traffic flow, road design, and transportation systems is important for designing efficient and safe transportation networks.

Environmental Awareness: Civil engineers consider the environmental impact of their projects and learn about sustainable design practices to minimize negative effects on the environment.

Hydraulics and Water Resources: Students learn about the behavior of fluids and water-related engineering, including designing drainage systems, flood control, and water supply networks.



Critical Thinking: Developing the ability to analyze complex problems, think critically, and make informed decisions is fundamental for a civil engineering career.

Lifelong Learning: Engineering is an evolving field, so the ability and willingness to continuously learn and adapt to new technologies and practices is essential.



RESEARCH WORK

Departmental magazine Ta'meer 2021 provides a new raise topics in the field of civil engineering. The interested students get a overview of their interest subject.

- "Application of Machine Learning in Bridge design", University of Toronto, Toronto, Canada.
- "Generation of climate data for Geotechnical and Geo- Environmental problems", York University, Toronto, Canada.
- "A Method for Preparing Modified Cement and Evaluating Mechanical and Chemical Properties" gets Australian Patent.
- "Response of structures subjected to impact and blast" in IIT Gandhinagar, India.
- "Analysis and design of different types of bridges under different loading conditions" in NIT Tiruchirappalli, India.
- "Application of GIS & remote sensing in traffic engineering & disaster management" in NIT Tiruchirappalli, India.
- Comparative Study of **Structural Response of cooling** Towers with Alternative Supporting
- GIS and Remote Sensing based approach for Sustainable Water Resources Management.
- Optimization of Reservoir Systems- Case Studies of River Basins of Karnataka
- A Study of Load-Deformation behaviour of coarse aggregate blended sandy soil
- A Micro-Aerobic UASB Process



- Signal denoising and reconstruction using
- stacked convolutional denoising autoencoders
- (deep learning) for radio modulation classification
- Developing a Framework for Cloud Database management System.
- Automatic Test Data Generation for Data-Flow Testing Using
- Nature Inspired evolutionary Meta-Heuristics Genetic algorithm
- Efficient Mining of Data in Distributed databases
- NumPy implementation of Batch Normalization and Batch Renormalization
- acknowledged by Andrej Karpathy at Stanford University
- Breaking an Image encryption scheme based
- on chaotic synchronization problem
- Measuring the Moisture Content of
- Transformer Oil Using Thin Film Capacitive
- Sensor
- PLC based industrial Automation.

RESEARCH INDICES

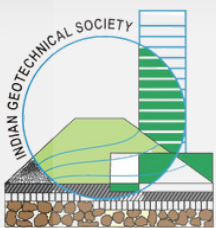
h-index of Scopus	2014	2019	2021	h-index of Google Scholer	2014	2019	2021
	26	30	32		31	35	46

SOCIETIES & CLUBS

A comprehensive platform for student activities is offered through the numerous societies and collaborations across the university. Due to exposure to university crowds, this promotes perspective expansion and aids in students' overall development. Additionally, students have exposure to both domestic and foreign cultures. As a result, they excel in the competitive environment owing to their skills and the advantageous edge provided to them through such opportunities.



"Civil engineers are global leaders building a better quality of life". With this vision, the American Society of Civil Engineers, the nation's oldest engineering society was founded in 1852; representing more than 150,000 members of the civil engineering profession in 177 countries.



The Indian Geotechnical Society (IGS) : Aims at promoting co-operation amongst engineers and scientists for the advancement and dissemination of knowledge in the fields of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics, Snow and Ice Mechanics and allied fields and their practical applications. It provides a common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activity

SOCIETIES & CLUBS



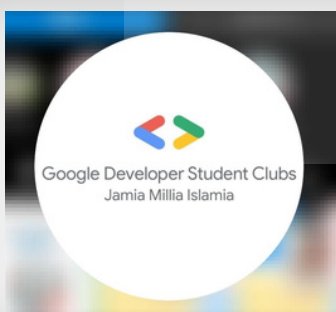
IEEE JMI comes under the Delhi section which is one of the 12 Sections in India coming under Asia-Pacific Region, Region-10 of IEEE. We work towards educating students in new and upcoming technologies enhancing their skills through workshops and other Co-curricular activities aligned with students' interests. The society organizes time to time activities for dissemination of knowledge in the broader fields of Electrical and Electronics Engineering and exchanging ideas with the professionals in the corresponding fields.



Enactus JMI has been keeping the spirit of change alive since 27th September 2015, the glorious day many a people had hoped-for, when Enactus JMI was established. Enactus JMI has gained considerable achievements through its innovative and constructive projects in a short span of time. The motto of Enactus JMI is being 'Socially Diligent' in words and in actions. Over the years, Enactus JMI has vigorously strived towards the mission of creating entrepreneurship opportunities for the less fortunate.



ACM-W is a global community of researchers, professionals and students that advocates, supports and celebrates women in computing, with 70,000+ members worldwide. ACM-W JMI's goal is to provide a platform for the sharing of information, resources, ideas and experiences, learn together by conducting various sessions, workshops, informal meetings and webinars, connect with peers and mentors and broaden the participation of women in computing.



GDSC JMI is a platform which brings together likeminded individuals who can collaborate on projects, learn from each other and grow together. Students from all undergraduate and graduate programs with an interest in growing as a developer are welcome. Bridging the gap between theory and practical application, we aim to provide student developers with the resources, opportunities, and experience necessary to be more industry-ready.

AND MANY MORE....

ASCE

AMERICAN SOCIETY OF CIVIL ENGINEERS

JAMIA MILLIA ISLAMIA

"Civil engineers are global leaders building a better quality of life". With this vision, the American Society of Civil Engineers, the nation's oldest engineering society was founded in 1852; representing more than 150,000 members of the civil engineering profession in 177 countries.

EVENTS ORGANIZED

We have organised a number of events that includes a bunch of technical as well as non technical fun and learning times. A 2 day workshop on CAD was organised which was in association with CADD team. We have done a bridge designing , city tycoon, archipedia, Tech x bit to give a more on hand experience. We have also organised a list of cultural events for the better exposure that can be provided.



ACHIEVEMENTS

Organized workshop in collaboration with Bentley system to provide students free access to their software Stood 3rd in the **go-kart competition in 2017.**

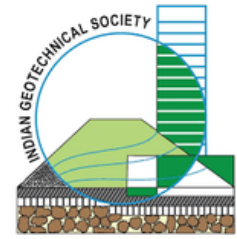
ASCE students bag laurels at **Aakaar, IIT Bombay's** technical fest 2020

Successfully trained and sent 3 ASCE members to one of world's most prestigious Research internship- MITACS

Engineering is the professional art of applying science to the optimum conversion of the resources of nature to the uses of humankind.

Indian Geotechnical Society

JAMIA MILLIA ISLAMIA STUDENT CHAPTER



The Indian Geotechnical Society (IGS) aims at promoting co-operation amongst engineers and scientists for the advancement and dissemination of knowledge in the fields of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics, Snow and Ice Mechanics and allied fields and their practical applications.

It provides a common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activity. .



SOME RECENT ACTIVITIES

AICTE Mission Amrit Sarovar Jal Dharohar Sanrakshan internship
Honble Prime Minister, as part of the commemorative celebration of the 75th anniversary of our independence, envisioned protecting traditional water bodies for ensuring water security of cities by involving youth and the community. Bearing this vision in mind, the Government of India has launched "Mission Amrit Sarovar - Jal Dharohar Sanrakshan" .



SOME RECENT ACTIVITIES

Survey Camp - Jamia Millia Islamia TTI Campus

The main objective of the survey camp is to provide knowledge of the practical implementation of different survey works. The object of surveying is the preparation of plans and topographical maps of the area.



SOME RECENT ACTIVITIES

AICTE Atal Tunnel Study Tour

Atal Tunnel has been built under the Rohtang Pass on the Leh-Manali Highway as an all-weather route to Leh and Lahaul and Spiti valleys. At a length of 9.02 km, it is the longest tunnel above 10,000 feet (3,048 m) in the world and is named after former Prime Minister of India, Atal Bihari Vajpayee

Objectives:

1. To gain firsthand knowledge & information about the latest techniques used in construction of the tunnel and in particular about the New Austrian tunneling method.
2. Gain insight about the challenges & of risks encountered during the execution of this project and their resolution with particular reference to excavation during heavy snowfall in winter, blasting & digging of unstable rocks, alignment of the tunnel in view of digging & excavation from both ends of the tunnel, excavation & tunneling at more than 46 avalanche sites on approaches to the tunnel, disposal of huge quantities of excavated rock and soil, constant dewatering of heavy ingress of water, mudslides, landslides etc
3. For enhancing the quality of engineering education in the country and to inculcate the research & innovation culture amongst the students
4. To encourage engineering students to improve their field of technical education.



TECH FEST 2023

THRIVE

Thrive was the tech fest held by Dept of Civil Engineering & ASCE JMI. The primary objective of Thrive was to ignite and nurture curiosity and passion among participants towards the field. The fest had activities such as, Poster Making competition, Extempore competition, Brick Design, Quiz-o-Mania, Mock Interview, Mix Design, Bridge Making, Sustainable Infrastructure Competition and Scavenger Hunt.



ACHIEVEMENTS

- Won final round of "**Toycathon 2021**" national level competition conducted by 8 central ministries of Govt. Of India.
- Secured "**AIR-06**" and "**AIR-25**" in National Engineering Olympiad 5.0
- Won Facebook, Developer Circles Community Challenge, 2020
- 3rd rank, HPVC India (ASME), 2014
- Represented India at Shell Eco Marathon, 2016 at Philippines.
- Smart India Hackathon - 2 winners, 1 runner up, 10 teams selected for On-Site.
- Eyantra-IIT Bombay 2020 Winners.
- 14th rank, Quad Torc, 2017 (Organised by ISNEE).
- 4th overall rank, Quad Bike Design Challenge , 2018.
- 6th rank, Student Kart Design Challenge (SKDC), 2018.
- 1st, 2nd and 3rd, SAE-AWIM, NCR Region.
- 1st and 3rd position, E-yantra, IIT Bombay, 2018 (Chaser Drone category)
- Deloitte Award for innovation
- National Winners in the Rookie League-ENACTUS.
- Finalist Solar Decathlon India, 2020.



PAST RECRUITERS



amazon.com



MARUTI SUZUKI



VOLTAS

accenture

Qualcomm



Infosys
POWERED BY INTELLIGENCE
DRIVEN BY VALUES



HSBC

innovaccer



Mahindra

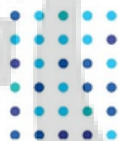
Aricent



Springboard



JBM



Jio DIGITAL LIFE

JSW



MITSUBISHI ELEVATOR EUROPE



ABB

Power and productivity
for a better world™



Valvoline

Mahindra
COMVIVA

LONGSHORT
LABS
100 YEARS IN 10 YEARS



OPTUM



DELHIVERY
Small World



Engineers India Limited



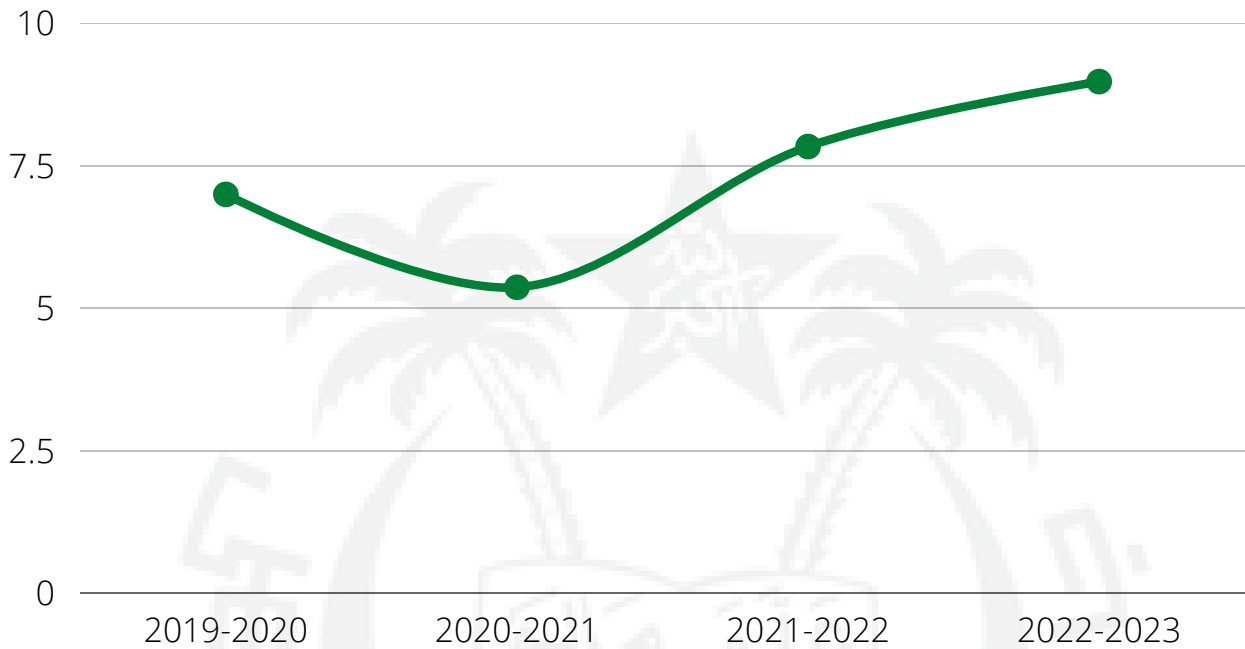
EY

Deloitte

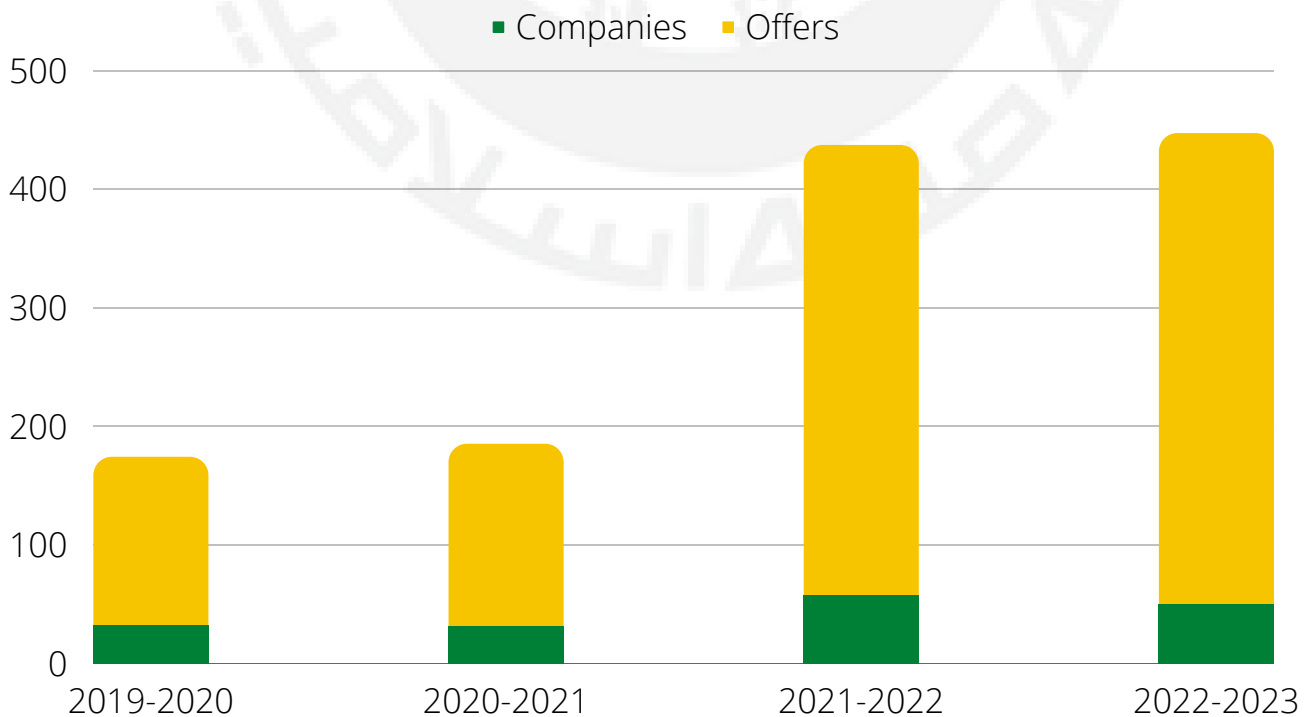
ashiana
you are in safe hands

Placement Statistics

Avg Package vs Year (LPA)



No. of Companies vs No. of Offers



PLACEMENT STATISTICS 2022-23

S.No.	Name of students	Name of Company	CTC Details	Position
1	Fakhira Shakeel	L&T Construction	6 LPA	GET
2	Kunwar Aneeq Khan			
3	Muneeb Farooq Turi			
4	Simra Khan			
5	Mohammad Arib			
6	Syed Alamdar Hussain Rizvi			
7	Ankit Kumar			
8	Alok Mishra			
9	Aquib Nawaz			
10	Mohd Asif Khan			
11	Abhigyan Bhardwaj	EXL	6.5 LPA	BA
12	Faraz Akhter			
13	Navira Fatima			
14	Shifa Islam	Reliance JIO	8.5 LPA	
15	Rashid Ali	TCS	3.36 LPA	TCS Ninja
16	Deepak Kushwaha			
17	Hamza Nayar	Siemens Ltd	6 LPA	GET
18	Mohammad Ali			
19	Govind Singh	DLF	6.9 LPA	GET
20	Mohammad Kaif Hashmi			
21	Taiba Quadri			
22	SAGAR SAROHA			
23	Gauhar Ayyub			
24	Shivam Gahlot			
25	Md shakil ansari			
26	DEEPANSHU MISHRA			
27	RIHAN ALI			
28	Shamsher Alam			
29	Mo Ashfaquallah	BYJU	8.25 LPA	Assistant Faculty
30	MOHD. RAYYAN SHEIKH	Ashiana Housing Ltd.	3.6 LPA	GET
31	Danish			
32	Shadab Haider			
33	Shivan Pal	TCIL	-	Executive Trainee (CIVIL)
34	Rashid Ali	Long Short Lab	7.5 LPA	Associate Full Stack Developer (MEVN Stack)

Placement Coordinators

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