

Students' Activities & Performance

Professional Activities by the Students

Name of Department	2017-18			2016-17			2015-16		
	Professional societies/ chapters	Outside state	Inside state	Professional societies/ chapters	Outside state	Inside state	Professional societies/ chapters	Outside state	Inside state
Civil Engineering	AUTO-CAD ASCE-JMI		1	AUTO-CAD ASCE-JMI	2	3	AUTO-CAD ASCE-JMI		3
Mechanical Engineering	IEEE,SAE ASME,TRS	5	11	IEEE,S AE ASME, TRS	36	12	IEEE,S AE ASME, TRS	38	5
Electrical Engineering	IEEE	10	127	IEEE	25	211	IEEE		6
Electronics & communication Engineering	IEEE	17	8	IEEE	6	10	IEEE		7
Computer Engineering	MIRAS	11	5	MIRAS	12	4	MIRAS	13	4

Civil Engineering:

1. A 2-days workshop on AUTO-CAD was successfully organized in September 2015. Students from various branches of engineering including civil, mechanical, electrical attended the workshop.
2. AZIMUTH (2015): From 5th -7th November, 2015, ASCE-JMI successfully organized its first Annual Techno- Cultural Fest, Azimuth 2015.
3. A special cultural event, 'Rainbow' was organized in the closing ceremony wherein people from various cultures around the world displayed traditional costumes of their respective cultures. The closing ceremony was organized on 7th November, 2015
4. *Talimi Mela*, the weeklong annual festival of JamiaMillia Islamia, was inaugurated by Prof. Ved Prakash, Chairman, The University Grants Commission (UGC) of India on 27th October, 2016.

5. ASCE-JMI organized a seminar on 'Higher Education Opportunities Abroad' by Credila-an HDFC Ltd. Company on 23rd November, 2016.
6. An educational excursion to Agra city on the banks of river Yamuna and home to the iconic *Taj Mahal* - one of The Seven Wonders of the World-on 3rd February, 2017 at 8:00 a.m.

Mechanical Engineering:

1. The department is vibrant in the extra-curricular, co-curricular and professional society activities. Department students are regular participants in events such as SAE-BAJA, Effi Cycle, Go-Kart and several others. Department is home to students chapters of several core societies including SAE, The Robotics Society of Indian and department's own "SUBJECT ASSOCIATION". Under the umbrella of subject association cultural, sports events and EXPERT Lectures are organized. While under the banner of professional societies the students participate in PROTOTYPE based competitions and have represented the department at international foray including Manila.
2. The Robotics Society (TRS), Student's Chapter
3. Subject association
4. IEEE

Electrical Engineering:

1. Orientation programme for Fresh B.Tech., and M.Tech. students. Various technical programmes are organized to motivate new students to participate in innovative activities. (11-13 Sept 2017)
2. Working of Real Time Simulation Software was demonstrated in technical talk. (10 Sept 2017)
3. Various technical Events are organized for IEEE Day. (05 Oct 2017)
4. Workshop was organized on MATLAB for B.Tech. students. Around 50 students participated. (12 Oct 2017)
5. IEEE Students showcased their project at Stall in *Talimi Mela* (Education fair), organized at foundation day of JMI. (29-30 Oct 2017).
6. A technical talk was organized during the *Talimi Mela* on Foundation day. Around 40 students participated. The resource person was from IEEE Bangalore. (30 Oct 2018).
7. ENCOMIUM is Annual Techno Cultural Fest. (23-25 March 2018)
8. Volunteer in Infrastructure in ENCOMIUM 2018, Organized by IEEE JMI by Mohd Mehmood Alam 23-25th March 2018

Electronics and communication Engineering

1. "Encomium 2018" (IEEE) in JMI on March 24th & 25th, 2018
2. JMI Model United Nations in JMI on Feb. 17th and 18th, 2018
3. Quiz Competition in JMI on October 29th and 30th, 2017
4. TEDx JMI 2017 in JMI on 16th October, 2017
5. Spring Fest Jamia (IEEE) in JMI on 24th – 26th March, 2017
6. Quiz Competition in JMI on October, 2015

Computer Engineering

1. Organized Work shop on SQL (1st Aug 2015 10:00 am to 5:00 PM).
2. Organized Quiz by Department (14th Nov, 2015 11:00 AM to 1:00 PM).
3. Organized Debate by Department (Topic: whether Computer and robot will replace so many jobs) on 23rd Jan, 2016 10:00 AM to 2:00 PM.
4. Organized Workshop on Python in Apple Lab, (13th Aug 2016 10:00 am to 5:00 PM).

5. Organized Debate by Department (Topic: Are students taking up engineering because of parental and society pressure or on their own?) on 18th Feb, 2017 10:00 AM to 2:00 PM

PUBLICATIONS BY STUDENTS

Program B-Tech	Publications		
	Magazine/ News letters	Conference /Workshop organize/attended	Team members of Editorial board
Civil Engineering	1, Tameer	2 ASCE, JMI	Inbisatul Haq Rafiq, Monir Khalil, Saqib Qamar, K. Moin, A. Mubarak, A. Huma, F. Ahmad, K. Ahmad, Inamul Haq,
Mechanical Engineering	2	9	Editor-Girish Aggrawal Sponsorship Head-Zibran Akhtar Team members-9 students
Electrical Engineering	3	20	Treasurers-Zaid Hasan Chair person-Mohsin Abbas Joint Secretary-Ayush Sharma
Electronics & communication Engineering	7	7	Organiser-Prof. S. A. Loan Editorial board-Farheen Safdar, Mariam Nida Usmani, Shifa shamsi
Computer Engineering	11	3	Shifa Shamshi, Sara Masood 7 Members editorial team

Civil Engineering

1. Inbisatul Haq Rafiq, Monir Khalil, Saqib Qamar, K Moin. "Seismic Stability Analysis of Historical Construction – A Case Study of Wazirpur Tomb" 11th International Conference on Structural Analysis of Historical Construction at Peru.
2. A.Mubarak, A. Huma, F. Ahmad, K. Ahmad, Inamul Haq, "Zero Discharge Concepts in Five Star Hotel – A Case Study" Journal of Engineering Research and Application, ISSN : 2248-9622, Vol. 8, Issue 7 (Part -I) July 2018, pp 13-20

Mechanical Engineering

1. International seminar organized by Subject association of Mechanical Engineering (08 Sept. 2018)
2. International conference and exhibition on building utilities 2016. (Dec 01-03, 2016)
3. Mohd Khalique acted as Module coordinator and volunteer in Infrastructure Team in All India Techno-Cultural Fest organized by IEEE, JMI (24.- 26 Mar 2017)
4. Aasim Ahmad acted as Module coordinator and Volunteer in RoboRace an All India Techno-Cultural Fest organized by IEEE, JMI. (24-26 Mar 2017)
5. Geetesh Agrawal of Josh TALK on “Start-UP and Entrepreneurship Seminar” , Organized by Subject Association of Mechanical Engg department. (28th Aug, 2017)
6. Students of Mechanical Engineering organized Cyborg. (Oct 16-17, 2017)
7. The department’ s Subject Association organized International Seminar on “ Promising Materials and Their Processing. (Sept 18, 2018)
8. Saiyed Mohd. Muzammil Coordinated in “Mr- Mrs. Event” in Encomium’16 organized by IEEE (Feb 13, 2016)

Electrical Engineering

1. Presented a paper in IEEE CATCON 2017, IIT ROPAR by Yash Vikram. 16-18 Nov.2018
2. Participated in DST & Texas Instruments India Innovation Challenge Design Contest IIM Bangalore, 2018,
3. Participated in 2018 Symposium Series on Computational Intelligence, Bengaluru, India by Mohd Azhan 18-21st Nov. 2018.
4. Coordinator Spring Fest Jamia’18 JMI Md Zafaryab Abdullah (16-18 March 2018)
5. Member of Organizing Committee in Encomium 2018 JMI by Ayush Malani 23-25 March 2018
6. Coordinator in Fashion Show in Encomium 2018 JMI Shazia Rahman 23-25 March 2018
7. Organising Secretary of Al-Khwarizmi 2.0 Annual Cultural Fest 2017-18, Dr. Zakir Hussain Hall, JMI by Lareb Khan 2018

Electronics and communication Engineering

1. Spintronics 2018 (Magazine) by Department of ECE, JMI
2. Inside Out (Magazine) by Department of ECE, JMI
3. Newsletter by Department of ECE, JMI by 2015-16 (july-dec)

Computer Engineering

1. Fiction Magazine 2015-2016 (Magazine) by Shifa Shamsi ,Amin Khan & Sarah Masood.
2. Fiction Magazine 2016-2017 (Magazine) by Sarah Ansari, Saba Khan , Ahmad Sarosh Waseem , Azfar Zaidi , Shazia Khan , Sonaal Dua, Kritika Gupta, Nabeel Javed & Ariba Siddiqui .
3. Fiction Magazine 2017-2018 (Magazine) by Aisha Aijaz, Ariba Siddiqui , Kritika Gupta , Nabeel Javed & Shazia Khan .

Prize/Award Received by the students:-

Departments	2017-18	2016-17	2015-16
Civil Engineering	1	1	1
Mechanical Engineering	12	26	9
Electrical Engineering	4	7	
Electronics & communication Engineering	6	3	
Computer Engineering	60	3	4

Civil Engineering

1. The first prize was awarded to the team 'Eat-Creative' who proposed a new cooking pot (Handi), with composite material to improve the efficiency, enhance the strength and promote healthier cooking.
2. The second prize was given to 'Sani-Tech' a new and innovative toilet design using material suited for a geographical region with an improved sewage disposal system, reducing water pollution.
3. The multi-purpose rickshaw, 'Innomech - with better ergonomics' won the third prize.

Mechanical Engineering

1. Secured 1st position in Singing Competition in Cultural Programme at Hostel welfare Association of Jamia Millia Islamia, New Delhi by Mohammed Abdullah (Apr 2017)
2. Secured 1st rank in Inter-Hostel Football Tournament held at Jamia Millia Islamia, New Delhi by Wasim Rahman. (Mar 2017)
3. 2nd India Engineering Olympiad- AI Rank 39 by Asif Iqbal (Feb 2017)
4. Awarded certificate of merit for outstanding performance in Prelims round of IoT challenge 2016 by i3Indiya Technologies by Abu Sufiyan Haider (Oct 2016)
5. Secured 2nd rank in Chain Reaction at 'Innervive' the Annual Technical festival of IGDTUW by Vrishin (Apr 2016)
6. Secured 2nd rank in Inter-faculty Basket Ball (Men) Tournament held at Jamia Millia Islamia, New Delhi by Kamran (Azam Feb 2016)
7. Secured 2nd rank in Inter-Faculty Basketball (Men) Tournament held at Jamia Millia Islamia, New Delhi by Wasim Rahman (Feb 2016)

8. Secured 2nd rank in Intra-Faculty Cricket Tournament held at Jamia Millia Islamia, New Delhi by Hasan Haider (Feb 2016)
9. Winner of CAD master event of Encomium16 by Hammad Khalid (2016)
10. Secured 2nd Position in Robo Quidoitch organized by BVPISTE Mahfooz Alam 2016

Electrical Engineering

1. Secured 3rd Position in Face Painting in Encomium 2018 JMI by Syed Arsalan Ahmad 23-25 March 2018
2. Secured 1st position in Quiz in Spring Fest Jamia'18 JMI by Lareb Khan 16-18th March 2018
3. Secured 3rd position in Singing in Spring Fest Jamia'18 JMI by Sharik Azam Kadri 16-18th March 2018
4. Secured 2nd position in LAN Gaming in Spring Fest Jamia'18 JMI by Abir Das Gupta 16-18th, March 2018
5. Secured 2nd position in Quiz in Encomium 2018 JMI by Hasan Nabeel 23-25 March 2018
6. Secured 2nd position in FUTSAL in Spring Fest Jamia'18 JMI Neelaksh Rawat 16-18th March 2018
7. Secured 3rd position in FUTSAL in Spring Fest Jamia'18 JMI by Ali Hamza Usmani 16-18th March 2018
8. Awarded 2nd Prize in ANALYZER TRADE SMART in COMMERCIALESE-2018, Dept. of Commerce and Business Studies, JMI Mohd. Sohaib 14-15th March 2018.
9. Secured 1st Position in Snake-a-thon in Aalen 2018, Center of Management Studies, JMI by Mohammad Osama 27-28th March 2018

Electronics and communication Engineering

1. Participated in Workshop on crypto currency organised by E-Cell, Department of commerce & business studies, JMI by Mohd. Farman (Oct 30, 2017)
2. Participated in Workshop on Crypto currency organised by Entrepreneurship Cell, JMI
Oct 30th, 2017
3. Ist Prize in Open Govt Data Hackathon organised by National Informatics Center by Arshil Khan (Oct. 7th & 8th , 2017).
4. Participated in 24 HR Humanitarian Hackathon organised by Random Hacks of Kindness by Arshil Khan (July 15th & 16th, 2017).
5. Ist Prize in DCB Bank Innovation Hackathon organised by DCB Bank by Arshil Khan in 2017.
6. 2nd Prize in Stage Play organised by BITS Pilani by Mohd. Zaid (31st oct – 4th Nov., 2017).
7. 2nd Prize in Hack JMI organised by Encomium'18, JMI by Huzaiifa Iftekhhar (Mar 23rd – 25th, 2018).

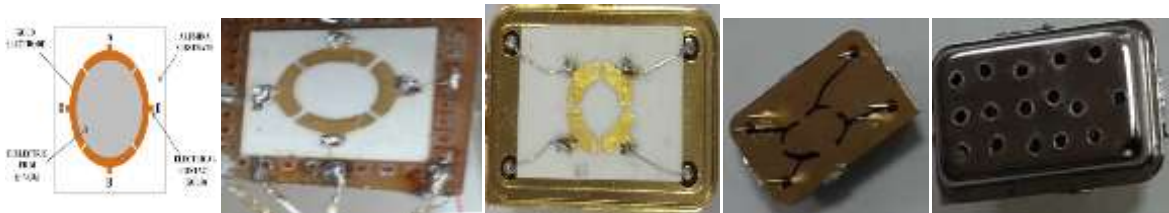
Computer Engineering

1. Won 1st Prize of Rs. 1,00,000/- in Smart India Hackathon Team of 6 students of Computer Engineering in Allahabad.
2. Won consolation Prize of Rs. 10,000/- in Smart India Hackathon in Year 2017 in Ahmadabad.
3. Won 2nd prize of Rs. 50,000/- in Smart India Hackathon in the year 2018 in Sonapat.
4. Winner of CODERSBIT 2018 held online by SANCHIT AHUJA.
5. Winner of CODERSBIT 2018 held online by SHIVANSHU CHAUDHARY.
6. Participated in ACM ICPC 2017 Kolkata by MD NAFIS KHAN

Professional Activities by Students



Cross-capacitive sensor experimental set up for micro droplet detection, DRDO project 2017-2020



Cross-conductive sensor for humidity measurement, DST project 2012-2015



Fig. Industrial visit of students to Pawan Hans Ltd. Rohni, Delhi



2nd Prof. Abdul Mubeen Memorial Lecture



"Technical Education in India"

By

Prof. S .N. Singh
Deputy Director, IIT Delhi

Tuesday, May 20, 2017 at 6:00 PM
Mechanical Engineering Department
Faculty of Engineering & Technology
JAMIA MILLIA ISLAMIA



**Dr S.N Singh delivering Abdul Mubeen Memorial Lecture
Orientation week (events)**



IEEE day



Workshop on MATLAB



Participation at Talimi Mela



Technical talk on Cloud Computing

ENCOMIUM 2018



Invited talk by Prof Jamal H. Abawajy



Invited talk by Dr. Tanupriya Chaudhary on HCI



Winners of 1st Prize Smart India Hackathon 2017 at Allahabad



Team members participating in Smart India Hackathon 2017, venue Kolkata



Team members participating in Smart India Hackathon 2018, venue Bangalore



SQL Work shop 1st Aug 2015, 10:00 am to 5:00 PM, 2nd year students



Quiz 14th Nov, 2015 11:00 AM to 1:00 PM ,1,2,3&4th year students



Debate 23rd Jan, 2016 10:00 AM to 2:00 PM ,3rd&4th year students



Mussoorie Trip, 15th to 17th April, 2016



Debate, 18th Feb, 2017, 10:00 AM to 2:00 PM, 3rd & 4th year students



Invited talk on environment & sustainability



Invited talk on ergonomics



Swachh Bharat Abhiyan



Work shop on modern tools



Water level indicator is one of the projects related to industry. The prototype water level indicator is used for different water level pumping and monitoring in industries. Similarly, maximum power point tracking system is one of the other projects related to industry.



Water Level indicator



Maximum Power Point Tracking System