



# THE VERVE

For Technical Nerds

Issue #1

August' 19

SAE JMI welcomes everyone to our monthly newsletter, THE VERVE! This is our first issue and we are really excited to launch this newsletter to keep you informed on a monthly basis with all the ongoing activities along with the upcoming events and competitions.

Whichever department you are from, there will be something new in here for you every month, so stay tuned!



# Message From The Hon'ble Vice Chancellor

जामिया मिल्लिया इस्लामिया  
(केन्द्रीय विश्वविद्यालय)

मौलाना मोहम्मद अली जौहर मार्ग, नई दिल्ली-११००२५

**JAMIA MILLIA ISLAMIA**  
(Central University)

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(ACCREDITED "A" GRADE BY NAAC)

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پروفیسر نجمہ اختر  
کولپاتی

**Professor Najma Akhtar**  
Vice Chancellor

پروفیسر نجمہ اختر  
شیخ الجامعہ



Dear students

I welcome you all to Jamia - students of continuing semesters and Freshers - and wish you a very exciting and fruitful academic session ahead.

You are fortunate to be in a university that has been recording continuous rise in world ranking in recent years. The most recent achievement of the university is the outstanding performance of our Residential IAS Coaching Academy. Out of the 200-odd students who appeared in the IAS-Prelim exam, 102 have qualified for the mains, which is unprecedented for any universities in India. All this is made possible because of a peaceful and positive environment on the campus and total dedication on the part of faculty members and students. I would like you to maintain and promote this environment and not to do anything that will hamper Jamia's reputation in any way.

We are continually striving to improve facilities in Jamia to make campus life comfortable and cheerful and conducive to your physical & intellectual growth. We are also trying to put in place a robust student grievance redressal mechanism through departments and DSW office so that complaints are addressed swiftly and satisfactorily. We have zero tolerance towards gender injustice, eave-teasing and sexual harassment. All students, and most specially girl-students, should not only feel protected but enjoy a sense of freedom in the campus. I urge all Seniors to guide and inspire younger students through their words and deeds, and being exemplary models of proper behaviour and conduct. Let Jamia students be known for their *tehzeeb* and etiquette, as also for their learning with 75% class attendance.

The limited hostel accommodation, that the university has, is judiciously allotted to the deserving students on the basis of their merit. Needless to say, the students are not expected to demand hostel accommodation against the set rules. JMI is trying its best to create more hostel accommodations.

During my recent meeting, the Honourable Prime Minister Shri Narendra Modiji, praised Jamia students for their discipline, a huge compliment from the topmost leader of the country who himself is known for great dedication and hard work. I would like you to cultivate the virtues of discipline, hard labour and total devotion to your area of knowledge, so that your parents and your university can take legitimate pride in your achievements.

Once again, I am wishing all you a wonderful career ahead. I have great expectations from all of you.

Looking forward for your healthy and happy stay on JMI Campus.

*Najma Akhtar*

Professor Najma Akhtar  
Vice Chancellor



## From The Dean's Desk:

I am delighted to see that the SAE chapter of the Faculty of Engineering and Technology, Jamia Millia Islamia is publishing it's monthly newsletter, The Verve ~For Technical Nerds~ to showcase the activities and events they're participating in. I congratulate all the students for their fine effort, dedication and determination.

- Prof. Mohammad Ibraheem



## Message From The HOD:

Our department has active and vibrant professional society activities where the students get a platform for organising, participating and developing engineering ideas . I appreciate the efforts, hard work and the enthused endeavours of the students team in bringing out this newsletter. I wish the newsletter is widely read and cherished and hope it'll continue to inspire everyone.

-Prof. M.Emran Khan



## Few Words By Our Faculty Advisors:

It is a matter of great pleasure for me to extend heartfelt greetings to all the readers of this issue of the SAE Newsletter. At the outset, let me congratulate all the SAE-JMI student members for bringing out this newsletter in a very short span of time. This endeavour of the SAE-JMI student members will serve as an information hub through which the SAE-JMI activities, achievements and upcoming events can be viewed. It is a matter of pride for all of us that the participation of the students in different national level competitions is getting recognized and awarded. As its effect, the university rankings of this great institution of learning, Jamia Millia Islamia, is improving every year. All this excellence has become possible due to the collaborative efforts of the students, faculty members and the continuous efforts of the department & administration in creating an ambience for nurturing innovation, creativity and excellence.

The recent decision of the government is opening great opportunities for the students to innovate and create new designs. I look forward to the continued participation of students and faculty members in SAE-JMI so as to take the university to greater heights. Criticisms, opinions, suggestions for improvement and encouragement will be highly appreciated by the Editorial team of SAE Newsletter to make the next issue of the Newsletter more vibrant and useful.

-Prof. M.M. Hasan

-Prof. S.M. Muzakkir



## SAE JMI:

"I believe that SAE is not just a society, it is a family for me. Apart from technical aspects the society will play an important role in personality development..For this pupose we need equal cooperation from all the students because together we can make a difference for everyone."

**Mohammad Zulfikar**  
**(President)**

"It has only been an year since we relaunched the society in our college but we have taken a major leap towards its success by conducting some extravagant events and playing a very crucial role in organising the annual Techno-Cultural fest of FET JMI, Xtacy. I wish all the success to our team members for this year as well."

**Ashab Abid Rizvi**  
**(Vice-President)**

### **From Our Former Faculty Advisor:**

SAE International, Society of Automotive engineers is an institution established in 1905 by the top engineers and industrialists in Baltimore, USA to promote mobility engineering in everyday life. SAE is an umbrella under which students, teachers and professionals from all over the world gather as a unit to implement the ideas and use the knowledge to add a new chapter to technical history of this world.

SAEJMI collegiate club was first established in 2001 with 85 students and the number is still increasing. We invite you to enjoy the marvels that this creative gathering has in store for you.



-Dr. Sabah Khan

## Our Team:

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**Vice-President:**

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**Treasurers:**

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**Content Head:**

**Technical Head:**

**Events and Management Head:**

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# SOCIETY OF AUTOMOTIVE ENGINEERS INDIA:

SAEINDIA is India's leading resource for mobility technology. The ownership of SAEINDIA wrests with its members who are individuals from the mobility community, which includes Engineers Executives from Industry, Government officials, Academics and students. SAEINDIA was first established in Chennai 2002 and became an Affiliate society of SAE International with Dr. K. Kumar as its first President.

SAEINDIA conducts different events over the year focusing on the nurturing and development of student minds along with their technical and managing abilities.

**SUPRA SAEINDIA** Student Formula is a national level engineering design and fabrication competition organized by the Society of Automotive Engineers India (SAEINDIA) once in a year. The competition takes place in Buddh International Circuit, Noida. The goal of this event is to develop and provide a platform for budding engineers to experience, build and learn. It offers a unique way to test students' theoretical knowledge in a practical context. Students gain and develop skills such as engineering, project management and team work. Points are earned in a series of off track, "Static" events, and on track, "Dynamic" events.



**SAE BAJA** is an intercollegiate design competition organized by the Society of Automotive Engineers (SAE). It is organized every year worldwide including India, China, Brazil, South Africa and Korea. In India, the event is run by SAE INDIA. Several teams of students participate in this competition from all over the world to design and build small off-road cars. The goal of SAE BAJA is to design, build and race off-road vehicles that can withstand the hardest element of rough terrain. The vehicles used in SAE BAJA are often similar in appearance to dune buggies. Before 2007, the event was called "Mini Baja".



**EFFICYCLE** is an intercollegiate design competition organized by Society of Automotive Engineers (SAE) for undergraduate and graduate students where teams participate from across the India and they have to design and fabricate an energy efficient entirely human powered three-wheeled vehicle. The vehicle must be aerodynamically, highly engineered and ergonomically designed. The design should be commercially reliable as a product and should be attractive to consumers because of its performance, visuality, reliability and ease of performance. SAE INDIA provides an opportunity to engineering students to enhance their practical skills and to build up innovative ideas which can be applied in engineering practices.



## **SAE AWIM 2018:**

(A World In Motion)

20 members of Jamia Millia Islamia from the department of Mechanical Engineering participated in the AWIM competition organised by SAEINDIA and sponsored by Maruti Suzuki. The event was held near a Maruti Suzuki showroom in Gurugram in the month of September. The team was lead by Prakhar Gupta, Ariba Akber and Afshan Ameer. Our team did an amazing job and won exciting prizes from Maruti



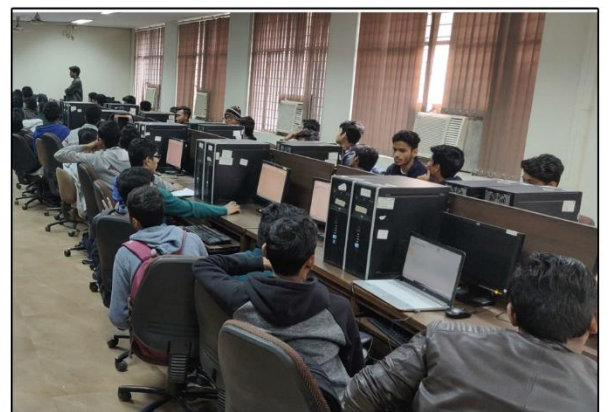
## **SAE ORIENTATION SESSION:**

"Well begun is half done"

An orientation session for the 1st year Btech students was organised by SAEJMI on 18th November 2018. The society held a motivational and thought provoking session by introducing various career options in the Mechanical Branch which students can pursue in future. All the students participated in the same with great enthusiasm and zeal. The orientation session was followed by 2 recruitment rounds in which 35 new efficient & hardworking students were selected to be a part of the society.

## **AUDI R8 DESIGN WORKSHOP:**

SAEJMI conducted a two day workshop on 16th and 17th February 2019, on Design and Analysis of Audi R8. The event covered the designing of body and suspension along with analysis of Aerodynamics of the sports vehicle. Professionals from CADD institute gave some insights about softwares like CATIA, ANSYS and SOLIDWORKS and introduced students to the exciting world of designing!



## XTACY 2019:

"Alone we can do so little, together we can do so much"

With this thought in mind SAEJMI along with CSI-JMI, ASCE-JMI and IEEE-JMI together brought a three day exuberant annual fest named XTACY! The festival aimed at celebrating student culture with a blend of technical and cultural events to build a healthy competitive environment. The fiesta was honoured by the presence of the very famous comedian Kunal Kamra whose show named 'The Kunal Kamra Show' in itself was a great success! Xtacy'19 proved to be one of the greatest festivals in the history of Jamia.



## OUR ACHIEVEMENTS:

**FMAE QBDC 2018: 4th Rank**

**ISNEE Quadtorc 2017: 14th Rank**

**SMAE SKDC 2018: 6th Rank**

**AWIM 2018: 1st Rank in Nationals**

**AWIM 2018: 1st Rank in Regionals**





# THE VERVE

**Will Be Back Next Month.**

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