

September 19, 2022

Press Release

**JMI alumna Esha awarded by European Space Agency
-First young Indian Scientist to get Space for Sustainability Award by the agency**

Jamia Millia Islamia (JMI) alumna Esha who completed her Bachelors of Technology (BTech) in Mechanical Engineering in the year 2013 has been awarded the coveted Space Sustainability Award 2021 by the European Space Agency (ESA) at the European Interparliamentary Space Conference (EISC) in the category of 'Special mention of Jury'. The award ceremony was held on 16th September in the French Senate, Paris, France.

Esha has developed a concept of an innovative sailing device for the next generation satellites. This sailing device has a capability to increase the orbital decay rate consistently with minimum sail area and mass. This idea has been filed for a patent also.

This award targets young scientists to appreciate their ideas, which promotes sustainable use of space. It also provides a platform to these scientists to pitch their ideas in EISC. The link of the award is <https://www.space-sustainability-award.com/previous-editions-rewardees>.

JMI Vice Chancellor Prof. Najma Akhtar congratulated Esha for the great achievement and hoped that it will motivate other female students of the university to dream big and achieve their goal with hard work and perseverance.

Esha is currently working as a research Associate in the Department of Component Development, Leibniz-Institute of Composite Material GmbH, Germany. After completing her BTech from JMI she worked in a consultancy service for one and a half year and then flew to Singapore to pursue Masters in Aerospace engineering from Nanyang Technological University and Technical university of Munich. Her father Dr. Anil Kumar is an Associate Professor at the Department of Hindi, JMI.

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