

JAMIA MILLIA ISLAMIA

November 8, 2021

Press Release

JMI faculty's invention 'Artificial Intelligence Based Dustbin' gets Australian Patent

An Artificial Intelligence based Dustbin invented by Jamia Millia Islamia (JMI) faculty Dr. Mansaf Alam and his team has been granted a patent as an intellectual property by the Patent Office, Government of Australia. Dr. Kiran Chaudhary, Shivaji College, DU, and researchers from other institutes were also part of the team. Dr Alam is Associate Professor, Big Data, Cloud Computing, and IoT Laboratory, Department of Computer Science, JMI.

The main objective of the invention titled 'Artificial Intelligence Based Dustbin' is to make dustbin smart by enabling it to detect harmful objects like explosives, radioactive materials etc. thrown in it. Sensors are fixed with the dustbin which will intimate by sending signals about any harmful objects dumped in it.

Dr. Alam said: "We developed this dustbin keeping in mind the security aspect making the dustbin behave like human beings and work intelligently with the help of artificial intelligence. It will surely be a useful product for the society".

Public Relations Office
Jamia Millia Islamia

