



CLUSTER INNOVATION CENTRE (UNIVERSITY OF DELHI)

University Stadium, G.C.Narang Road,
University of Delhi, Delhi-110007, Ph. 27666702

Line Following Robot Workshop A Workshop by Autonomi for students of Ramanujan College, DU

Line Following Robot is considered to be the beginning for people entering the vast field of robotics. It plays one of the crucial role in a students life to inspire them to learn more about the robots and helps them to learn the basics of the robotics and mechatronics of such vehicles.



On 10th of February 2018, a workshop was organized for students of Ramanujan College, the University of Delhi on the grounds of the Cluster Innovation Centre, DU by AUTONOMI. A workshop dedicated upon the robots, the main basics behind the robotics, specifically focusing upon the construction of the LFR, its basics, its hardware modules to guide students to give them a start to use their knowledge about robotics practicality and make them familiar to work with bots.





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The students, around 20, were given the talk about the robotics and the motives behind focusing on the robotics, their practicality in the real work environment. The students were interested to learn about the hardware modules and their working. They were mentored about the Arduino, it's complete basic structure and usage, along with the other hardware modules, circuit structures, connection points, everything which would construct up the LFR. The students were grouped with 3 students each and each team was constructing up an LFR all on their own but under the guidance of the AUTONOMI. Each student showed tremendous result and most of them were completely able to construct a working LFR.



The LFR construction workshop ended in the high tides with the students have built an LFR on their own and with the knowledge, they needed to advance and dive deep into the robotics. They were taught by the mentors who guided and helped them at every point they needed such.