



**MCT**  
MANJARA CHARITABLE TRUST  
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI  
VERSOVA, ANDHERI(W), MUMBAI-400053



**Name of event** : Skill and knowledge enhancement

**Program (Data Science & Machine Learning)**

**Date** : 31<sup>st</sup> August, 2019

**Venue** : B41, Fourth Floor

**No. of students attended** : 70

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Parth Mullaji  
Chairperson  
IEEE RGIT

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Prof. J. R. Mahajan  
Branch Convener  
IEEE RGIT

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Dr. S. D. Deshmukh  
Branch Counsellor  
IEEE RGIT



## **Skill and knowledge enhancement Program (Data Science & Machine Learning)**

IEEE RGIT, which is the biggest technical committee organized a workshop on the Data Science & Machine Learning : Introduction & Application . The workshop was conducted in classroom B41 on 31<sup>ST</sup> August 2019 the from 10:30 am onwards .

The lecturer Mr . Hannan Satopay interacted with the students. Mr. Hannan has completed his masters degree from Vidyalkankar Institute Of Technology and his bachelors degree from electronics field from M. H. Saboo Siddik College of Engineering Mr.Hannan who also is a experienced Advisor with a demonstrated history of working in the e-learning industry by being part of the Autodesk Tinkercad Advisory Team and IEEE Bombay Section Technical Planning & Activity Committee (TPAC) Student Chair. A high functioning individual with skills in various technological domains. Published technical paper in IEEE in the field of Security and the Internet of Things for which the “Best Paper” title was awarded. Have obtained certificates for the latest technological trends from many well-known authorities. Demonstrated the prowess in various fields by participating and winning in competitions at National and International level organized by worldwide top companies such as Amazon, Microsoft, Intel, Samsung, Texas Instruments, Freshdesk, NXP just to name a few. Have conducted workshops for students at various levels to impart a practical hands-on experience related to the field of Embedded Systems, Internet of Things, Data Science and the likes. The field of interest and expertise includes Web Development, Embedded & IoT, Chatbots, Artificial Intelligence, Data Science, Robotic Process Automation (RPA), Machine Learning, Amazon Alexa and Robotics .

This workshop was divided into two sessions. Mr. Hannan started the first session of the workshop by introducing the students to the basic aspects of



Data Science and Machine Learning , with the help of PowerPoint slides , which was followed by the manner in which Data Science and Machine Learning is used in day to day life runs. This was followed by a discussion on how Data Science and Machine Learning is used in various top notch industries and companies he also did portrayed a number of examples on the same . He went on to cover topics like Assessing and Comparing Classification Algorithms , Classification , Clustering , Data Mining , Generative methods , Learning theory. The session came to an end with a discussion on Overview , Structure , Evaluation and Expectations Of Data Science .

The second session consisted on the applications on Data Science & Machine Learning Mr. Hannan used PowerPoint slides to portray the various applications of the same the presentation consisted of Fraud and Risk Detection , Healthcare , Internet Search , Finding, extracting and summarizing relevant data , Making predictions based on the analysis data , Adapting to certain developments autonomously .

Overall, this workshop was a great success for the committees involved and a step closer towards helping students to better understand Data Science and Machine Learning . The session was very interactive, with Question and Answer sessions. The live demonstrations and Powerpoint slides were very helpful. The material was very comprehensive, because of which all the students involved were benefitted.

## Skill and knowledge enhancement Program (Data Science & Machine Learning)



