



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE  
(UCG-AUTONOMOUS)**



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**Department of Electronics & Communication Engineering**

**Report on**

**Webinar**

**on**

**"Artificial Intelligence - An Introduction"**

**14.08.2020**

***Report Submitted by: Ms A. Srivani, Dept. of ECE, Department of Electronics and Communication Engineering***

**No. of Participants – 65**

The resource person was: **Dr. Sourav Shrivasta** a Visiting Researcher at University of Aizu, Japan. He worked as Senior Research Scientist AIG Analytics and Services Pvt. Ltd, India. Worked on wind and wildfire catastrophe. Developed a Wildfire severity map and used various frequency distribution functions to identify the severity of 10m wind gust. Worked as Project Scientist-C in NCMRWF, MoES, NOIDA, India from Jul, 2013 –Sep, 2017. There he worked on BIMSTEC project to develop a drought monitoring and prediction system for Indian subcontinent. Experience in handling satellite and conventional data. He also worked as Senior Research Fellow in IMD, Met Center Raipur, India on FASAL project from Jun, 2012 -Jul, 2013. His Responsibility was to forecast crop yield using DSAT model. He has completed his Ph.D. in Atmospheric Science at TERI SAS, New Delhi, India. He has published more than 35 research articles in various esteemed journals. Major research area are climate dynamics and machine learning for bias correction and running WRF.

The department of Electronics and Communication Engineering, MITS, Madanapalle organized an International webinar on "**Artificial Intelligence - An Introduction**". This webinar was conducted on 14/08/2020 from 10.00 am to 1:00 pm.

In this webinar **Dr. Sourav Shrivasta** enlightened students with the fundamentals of Artificial Intelligence. He explored very interesting properties including machine learning. He discussed the novel concept of artificial Intelligence (AI) which is concerned with the development of systems that exhibit behavior typically associated with human cognition, such as perceiving, learning, communicating, reasoning, making decisions, and acting in a physical and social environment. Students were motivated to explore AI in various areas of science and engineering. He also discussed about various technologies related to AI and machine learning. Finally the session ended with a question and answer session.