

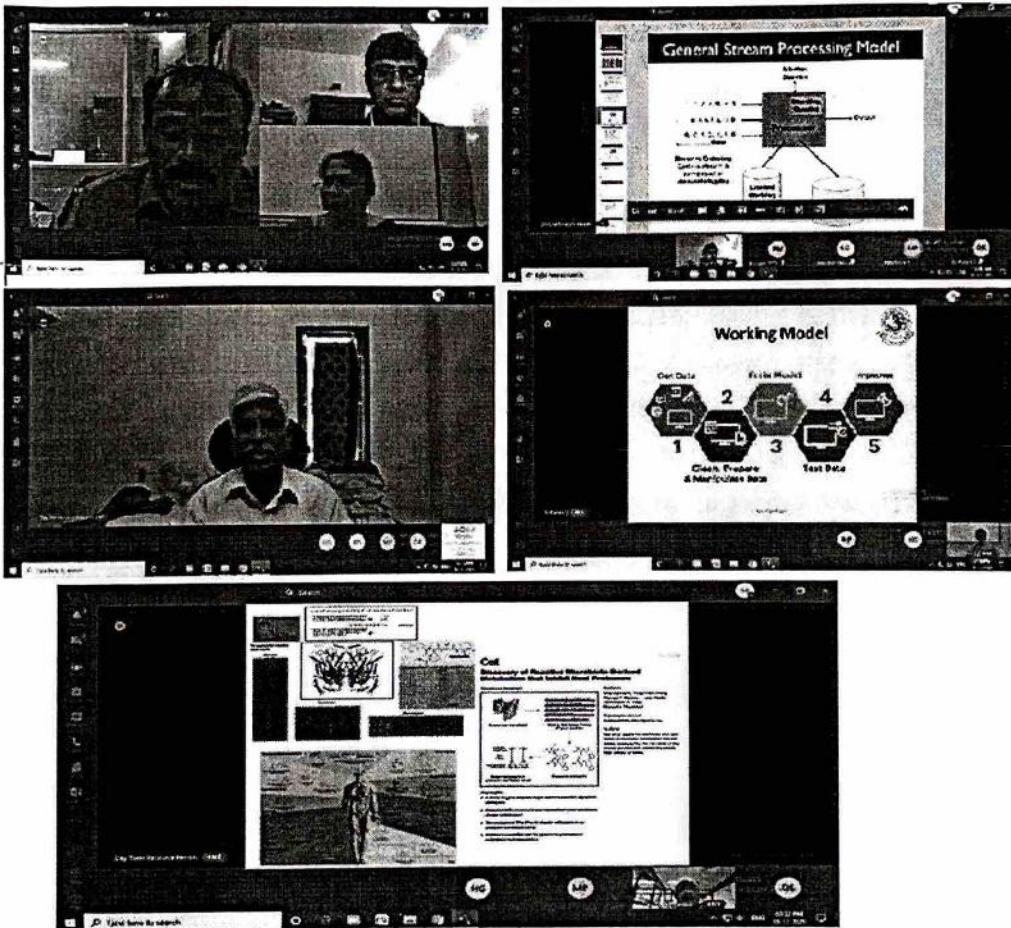
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Report

Science Academies Virtual Lecture Workshop on Numerical Methods and Scientific Computing (10.12.2020 to 11.12.2020)

The Department of Computer Science & Technology of Madanapalle Institute of Technology & Science (UGC – Autonomous) organized the Science Academies Virtual Lecture Workshop on “Modern Computational Techniques” from December 10 to 11, 2020. 188 Participants (PG Students, Research Scholars and Faculty Members) belonging to the Department of Computer Science/Applications, Statistics and Mathematics from various colleges attended the workshop.

Day 1:

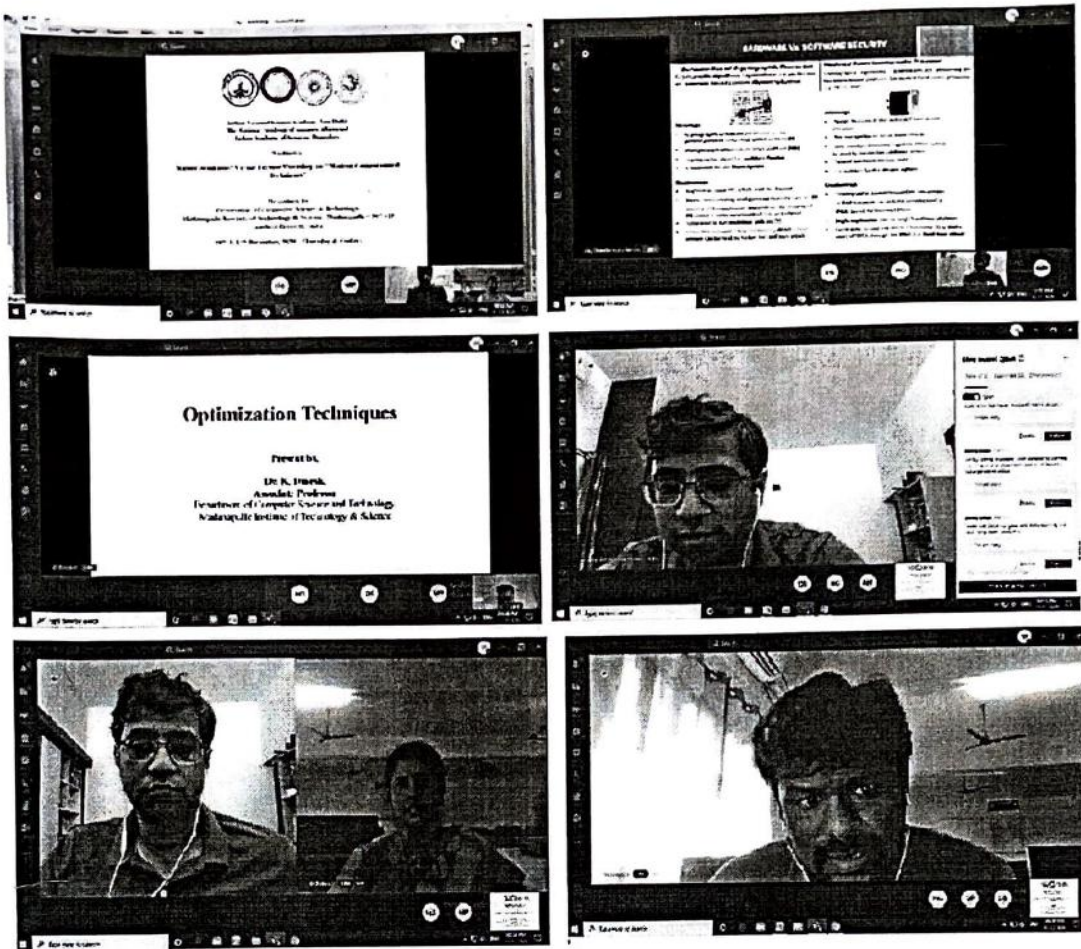


The inauguration started at 10 am with the prayer song. Dr.M.Sreedevi, Professor and Head, Department of Computer Science & Technology welcomed the gathering. Dr.C.Yuvaraj, Principal, Madanapalle Institute of Technology & Science (UGC – Autonomous) and Dr.Saket Sarubah, Convenor of this workshop felicitated the gathering.

The technical session I was handled by Dr. Saket Sarubah, Convenor and Professor of Institute of Mathematical Science, Chennai. The title of the talk was on “Streaming Algorithms: A paradigm for Dealing with Big-Data”. It was followed by the technical session II by Dr.P.Kandasamy Retd. Prof. of Bharathiar University, Coimbatore. His talk focuses on “Computational Techniques”. Technical Session III was handled by Dr.S.Padma, Co-ordinator and Asst. Prof. Department of Computer Science & Technology, Madanapalle Institute of Technology & Science (UGC – Autonomous). She delivered her talk on “Machine Learning – How and Why of feature weights”. Technical session IV was handled by Dr. Debasisa Mohanty, Prof. National Institute of Immunology, New Delhi. His talk was on “Introduction to Structural Bioinformatics & its applications in discovery of drugs and vaccines using Machine Learning”.

Day 2:

The technical session V and VI was handled by Dr. K.K. Soundra Pandian, Scientist, Ministry of Electronics and Information Technology (MeitY), New Delhi. He delivered his talk on “Impact of Emerging Technologies and Challenges in Cyber Security / Physical System and its Threats”. Technical Session VII was handled by Dr.K.Dinesh, Asso. Prof. Department of Computer Science & Technology, Madanapalle Institute of Technology & Science (UGC – Autonomous). He delivered his talk on “Optimization Techniques”. The technical session VIII was handled by Dr. Saket Sarubah, Convenor and Professor of Institute of Mathematical Science, Chennai. The title of the talk was on “Streaming Algorithms”.



Finally, the Valedictory function began at 4pm. The participants shared their experience and the learning they had in the 2 days. The two day workshop report was delivered by the workshop co-ordinator Dr.S.Padma, Asst. Prof. Department of Computer Science & Technology, Madanapalle Institute of Technology & Science (UGC – Autonomous). The Vote of Thanks for the participants is delivered by Dr.T.Kalaipriyan, Asso. Prof. Department of Computer Science & Technology, Madanapalle Institute of Technology & Science (UGC – Autonomous). With this the event ends successfully.