

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

DEPARTMENTS OF CSE & MCA

One Day workshop on

"Computational Modelling and Knowledge Technologies"



Resource Person : Prof Ambuja Salgaonker, Professor & Chairperson, Board of Studies, Department of Computer Science, University of Mumbai. She is renowned personality and eminent scholar of International repute working in the domain of Modelling of heritage science for the contemporary applications and application of computing technology for diverse oriental studies.

Report by Dr. N.Naveen, Associate Professor, CSE Dept.

The departments of CSE & MCA organized one day workshop on Computational modelling and Knowledge technologies on 12-11-2013 at mini seminar hall, MITS Campus.

“The computer literally is providing a new window through which we can observe the natural world in exquisite detail”. The resource person for the workshop is Prof Ambuja Salgaonker, Professor & Head, Department of Computer Science, University of Mumbai, speaking on the workshop, she said computation modelling and simulation are among the most significant developments in the practice of scientific inquiry in the 21st century. Scientific computing has become an important contributor to all scientific research programs. It is particularly important for the solution of research problems that are insoluble by traditional theoretical and experimental approaches, hazardous to study in laboratory, or time consuming or expensive to solve by traditional means. She narrated the advances in computing technologies during the past decade which set the stage for a major step forward in computational modelling. She stressed the need of research, development and deployment of computational methods and scientific codes to take full advantage of the capabilities of terascale computers as well as use of this research capability to solve critical scientific problems in research programs. Speaking on the occasion MCA HOD, Prof M.Suresh Babu explained about the importance of teachers exchange program and continuing exchange program. Program coordinator Dr.N.Naveen stressed the need of research on network technologies and research, development and deployment of software to link separated researchers, to facilitate movement of large data sets, and to ensure all academic scientists to participate in the academic activity.

Theme of the workshop:

The workshop on Computational modelling and knowledge technologies aims at bringing together the researchers and practitioners working the domain of computational programming, soft computing and other allied areas. The fields of Engineering and Science pose several new challenging problems to the Researchers. These challenging problems need to be addressed by new and innovative computation techniques. To meet these objectives a workshop on Rough sets and knowledge technologies is proposed to conduct at MITS on 12-11-13 at 11.30 am. The workshop is designed to have extensive discussions among all the participants, which are eventually meant for the promotion of the research in Computer Science & Engineering.

Innovating new technologies and updating the existing technologies are essential to reinforce the capabilities for achieving sustainable development for economical growth of the world, environment protection and overall welfare of the society. Synergy among the fields of engineering viz, Computer Science, Electronics, Electrical, IT & Mechanical, arriving advances and updating of technologies for the benefit of humanity is the need of the hour. This workshop aims at bringing together the academicians, researchers & students onto a common platform and summarizing recent advents in research by way of conglomerating their finding of solutions to overcome the obstacles in the real time environment.

To create a forum for extensive discussions among all the participants, which are eventually result in the promotion of the research in the Knowledge management.

To promote collaborative research and development activities in Data mining, rough sets and knowledge technologies worldwide.