



M.C.E. Society's

ALLANA INSTITUTE OF MANAGEMENT SCIENCES

Pune | Maharashtra | India

NCDM - 2021

5th NATIONAL E-CONFERENCE ON DATA MINING AND ICT IN

Bio - Informatics

Agro - Informatics

Business Management

Health Care Management & Medical Informatics

Friday & Saturday, 16th - 17th July, 2021

ABOUT M.C.E. SOCIETY

Established in 1948, Maharashtra Cosmopolitan Education Society is one of the oldest and reputed educational societies of India. The society runs 30 institutes from its ultra-modern campus located in the heart of Pune city, Camp, Maharashtra, India. The Institutes, Schools and Colleges run by the society offer Primary Education, Secondary Education, Under-Graduate and Postgraduate courses in various domains such as Medicine, Dentistry, Pharmacy, Hotel Management, Law, Architecture, Information Technology, Management, etc. The Institutes, Schools and Colleges run by the Society are fully recognized by the Govt. of India and are affiliated to the Savitribai Phule Pune University and other such affiliating bodies. The society is managed by a professional governing board headed by Honorable Dr. Shri. P. A. Inamdar who is a Visionary, Educationist, Banker, Property Developer and renowned Social Worker. Under the visionary leadership of Honorable Dr. Shri. P. A. Inamdar, the society is surging ahead to greater heights of success.

ABOUT ALLANA INSTITUTE

Maharashtra Cosmopolitan Education Society's Allana Institute of Management Sciences (AIMS) at Azam campus, Camp, Pune was established in the year 1998. The Institute has approval of Government of Maharashtra, All India Council for Technical Education (AICTE) Delhi, and is affiliated to the Savitribai Phule Pune University. It is situated in the heart of Pune Cantonment area. The prime goal of AIMS is to produce professionals in the area of Information Technology and Business and to equip the young generation in order to enable them to solve the technical and business issues emerging out of the global environment. To achieve these objectives the institute has developed state of the art, well-equipped modern Computer Laboratories, Internet, Intranet, Wi-Fi connectivity, Spacious Conference halls, E-library and Seminar Halls. The Institute offers full time Postgraduate courses viz. Masters in Computer Application (MCA), Masters in Business Administration (MBA) and Ph. D. in computer management and management. The institute is headed by Dr. Roshan Kazi - Ph.D, PDF IIM Indore who is a renowned Advance Statistic, Multivariate Data Analysis, Business Analytics and Econometrics Trainer. The institute has senior and experienced faculty members, uses innovative teaching methodologies and strategies, guaranteed to unleash the potential of the students. The Institute produces efficient and effective IT professionals and Managers. It caters to students from all over India and various countries like Africa, Oman, Bahrain, Afghanistan, Iran, Yemen to name a few.

ABOUT NCDM

NCDM 2021 is the fifth national conference in the series of National conferences organized by AIMS. The first national conference, NCDM 2011, in February 2011, second national conference NCDM 2013 in January 2013, third national conference NCDM 2015 in February 2016, fourth national conference NCDM 2018 in September 2018 were grand successes. Resource persons from all over India like Maharashtra Animal & Fishery Sciences (MAFSU) Nagpur, National Informatics Centre (NIC) New Delhi and Pune in India, Bharati Vidyapeeth Pune, CSI, IRMA Anand, CDRI Lucknow, Indian Association for Medical Informatics (IAMI), International Neural Network Society (INNS), guided the participants.

CONFERENCE OBJECTIVES

- To bring together a forum for demo and paper contributions from researchers, practitioner's, developers and users.
- To explore and disseminate cutting-edge ideas and results, and to exchange techniques, tools and experiences in the fields of Business Management, Healthcare management, Agro Informatics and Bioinformatics.
- To enhance the skill levels in Data Mining , Machine learning and Artificial Intelligence and its applied knowledge which will ultimately improve the quality in Business Management, Healthcare management, Agriculture Informatics and Bioinformatics.
- To make awareness and improve the Decision support system Business Management, Healthcare management, Agriculture Informatics and Bioinformatics.
- To improve the health care management and reduce medical errors, healthcare cost, increase administrative efficiency and expand access to affordable health care management.

THEME: DATA MINING AND ICT IN BUSINESS MGNT., HEALTHCARE MGNT., AGRO INFORMATICS AND BIO-INFORMATICS

- Data mining is a promising field in which research and development activities are flourishing. It is also an emerging field with vast and unexplored territories. This conference is organized to let research scholars contribute to this fast expanding, multi-disciplinary field. Data mining deals with large amounts of data which allows you to find the useful hidden patterns and knowledge discovery in data. It allows Businessmen, Managers, Medical practitioners and farmers to make proactive, knowledge-driven decisions.
- Everyone in Business needs to understand data mining. It is vital to how many business processes are done and how information is gleaned, so current and aspiring business professionals need to understand how this process works as well.
- Health care is an information intensive profession in which Data mining and Machine learning techniques should integrate patient information and disease histories, research literature and evidence.
- Data miners develop powerful tools for bioinformatics and biological data provide the richest datasets for data mining. Data mining reflects the enterprise needs of assimilated information and makes best use of the available and foreseeable tools and technologies.
- Data mining refers to extracting knowledge from a large amount of data to discover various types of patterns that are inherited in the data Whereas machine learning involves the study of algorithms that can extract information automatically .So these are two promising fields in which research and development activities are flourishing.

CONFERENCE SCOPE

Business Management

- Business Intelligence
- Retail Management.
- Risk Management.
- Supply Chain Management
- Customer Relationship Management
- Finance and Banking
- HR Analytics

Health-Informatics

- Text Mining and Medical Ontology
- Pattern Prediction
- Dental Informatics
- Healthcare Knowledge Management and DSS
- Healthcare Modelling and Simulation
- Data Analytics in Healthcare
- Integrated Data Repository

Agro-Informatics

- Precision Farming
- GIS Applications
- Meteorology
- Crop/plant disease detection
- Agro-biomass estimation
- Water Resource planning and Management
- Soil Data Analysis
- Weather Information Representation

Bio-informatics

- Pattern Recognition
- Sequence Classification
- Microarray Analysis
- Phylogenetic
- Public Databases
- Biotechnology and Pharmaceuticals
- Computers in Medical Education

Intensive workshop and tutorial on Natural Language Processing Toolkit, R Programming for Data Science and Web Scraping

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GUIDELINES

1. Please join WhatsApp immediately indicating your willingness to participate in this E-Conference and confirming the attendance rules mentioned below.
 - NCDM 2021 WhatsApp Group Joining Link :
<https://chat.whatsapp.com/HvCG6nX8uqM6FTm9O4RhUE>
 - NCDM 2021 Registration Link :
<https://forms.gle/2A71jKPIi7pLzTob9>
2. We have planned to use Google Meet for this E-Conference.
3. Make sure that you join the Google Meet with a registered Gmail ID.
4. The E-Conference timings majorly are from 9 AM to 5 PM on the said dates.
5. All the communications regarding the E-Conference will happen through the official WhatsApp group only.
6. Please mute your Microphone during the E-Conference, you can interact with the expert at the end of the talk.
7. Attendance will be marked based on the log records of Online Sessions. In case of any technical issue please contact coordinators immediately so that you don't lose attendance.
8. The e-certificates will be issued, only to those participants who have filled the feedback form and have attended the program successfully.



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Abstract Submission
Saturday, 3rd July, 2021

Full Paper Submission
Saturday, 10th July, 2021

Last Date of Registration
Monday, 12th July, 2021

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