

2nd National Conference on Data Mining (NCDM 2013)

In the fields of
Business Management
Medical-Informatics
Agro-Informatics
Bio-Informatics
Chemo-Informatics

On 18th & 19th January 2013

Organized by

Maharashtra Cosmopolitan Education Society's

**Allana Institute of
Management Sciences, Pune**

(Approved by AICTE New Delhi, Recognized by Govt. of Maharashtra & Affiliated to University of Pune)



www.aimspune.org

About Pune

Pune formerly called **Poona**, also known as **Punya-Nagari**, is the eighth largest metropolis in India, the second largest in the state of Maharashtra, after Mumbai and the largest city in the Western Ghats. Today, Pune is known for its educational facilities and relative prosperity. Pune is considered to be one of the most important IT hubs of India. Pune is the notional seat of the Marathi language and the cultural centre of Maharashtra. Popularly known as the Oxford of the east, numerous students from every corner of India and the world come to Pune to pursue education.

About MCE 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 Post-Graduate 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 University of Pune and other such affiliating bodies. The society is managed by a professional governing board headed by Honorable Shri. P. A. Inamdar who is a Visionary, Educationist, Banker, Property Developer and renowned Social Worker. Under the visionary leadership of Honorable Shri. P. A. Inamdar, the society is surging ahead to greater heights of success.



About AIMS

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 University of Pune. 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 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 Masters in Computer Management (MCM). The institute is headed by Dr. (Prof.) R. Ganesan - B.Com, FCA, MBA, Ph.D who is a renowned Management Guru. 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 to name a few.



About NCDM

NCDM 2013 is the second national conference in the series of National conferences organized by AIMS. The first national conference, NCDM 2011, organized by us in Feb 2011 was a grand success. It was attended by more than 100 participants from various parts of India. The proceedings were published with interesting research papers out of which six were on Medical Informatics, five were on Agro Informatics, four were on Bioinformatics and two were on Business Intelligence. The domains ranged from application of data mining to Unani diagnostics to recovery of NPA in banks. Resource persons from National Informatics Centre (NIC) India, CSI, IRMA Anand, CDRI Lucknow, Indian Association for Medical Informatics (IAMI), International Neural Network Society (INNS) guided the participants.

Conference Objective

- ◇ The objective of NCDM 2013 is to bring hardcore IT professionals, Academia and research workers in the areas of Business Management, Medical-informatics, Agro-informatics, Bio-informatics and Chemo-Informatics together
- ◇ To provide a common platform for Ph.D. Scholars, P.G. students, IT professionals and Academia in Business Management, Medical-informatics, Agro-informatics, Bio-informatics and Chemo-Informatics to interact.
- ◇ To encourage Interdisciplinary research and build aptitude of Research amongst young teachers and post graduate students in Professional Institutions where information technology is a part of the curriculum.

Theme: Data Mining

Data mining is a promising field in which research and development activities are flourishing. It is also a 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 amount 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. Medicine is an information-intensive profession in which Data mining should integrate patient information and disease histories, research literature and evidences. Data miners develop powerful tools to meet needs of enterprises and organizations.

Conference Scope

Business Management <ul style="list-style-type: none">◇ Business Intelligence◇ Retail Management.◇ Risk Management.◇ Supply Chain Management◇ Customer Relationship Management◇ Finance and Banking◇ HR Analytics	Medical-Informatics <ul style="list-style-type: none">◇ Text Mining and ontologies◇ Pattern Prediction◇ Knowledge management In Biomedicine◇ Health Care◇ Dental Informatics◇ Veterinary Informatics	Agro-Informatics <ul style="list-style-type: none">◇ 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 <ul style="list-style-type: none">◇ Pattern Recognition◇ Sequence Classification◇ Microarray Analysis◇ Phylogenetics◇ Public Databases	Chemo-Informatics <ul style="list-style-type: none">◇ Chemical information systems◇ Molecular Modeling◇ Chemical structure representations◇ Chemical reaction databases◇ QSAR	<ul style="list-style-type: none">◇ Big data Technologies- Opportunities and Challenges◇ Analytics and Social Media

- ◇ Any other areas relevant to the theme of the conference

Workshops/Tutorials

- ◇ Intensive workshop with adequate hands on will be conducted on LATEX, Mendeley, Scilab and PSPP/SPSS, WEKA.

Student's Track

- ◇ Exclusive poster session for postgraduate students in student's track.

Participant Categories-Who should attend/apply?

- ◇ Faculty members from Senior colleges, IT and B-schools, Medical and Related Professional colleges, Life science and Related Professional colleges.
- ◇ Ph.D. aspirants in all professional subjects with research interest in informatics.
- ◇ Research scholars in all professional subjects with research interest in informatics.
- ◇ Professionals from Medicines, Biotechnology, Bioinformatics Agricultural field and Business
- ◇ Post Graduate Students (M.E., M. Tech, MCA, M.Sc.(Life Sciences & Computational Sciences), M.D., M.S., M.V.S.C., M.D.S. etc)

Review Process & Publication

- ◇ All papers will undergo thorough a review process and will be evaluated based on originality, relevance, rigorous research, applicability and contribution to the body of knowledge.
- ◇ Abstracts and Posters will be printed.
- ◇ Selected quality papers will be published in the proceedings with **ISBN**.

Paper Submission Guidelines

Abstract:

- ◇ The abstract should contain at least 100 and at most 250 words.
- ◇ The font size should be 9 point and inset should be 1.0 cm from the right and left margins.
- ◇ There should be two blank (10-point) lines before and after the abstract.
- ◇ The paper should be submitted as a word document.
- ◇ The paper should be in IEEE format.

Our Patrons

Hon. Mr. P.A. Inamdar
Hon. Mrs. Abeda Inamdar
Dr. R. Ganesan

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Vice-President, M.C.E. Society, Pune
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Important Dates

Submission of Abstracts	:	17 th December 2012
Communication of acceptance of Abstracts	:	24 th December 2012
Camera ready papers from authors	:	31 st December 2012
Last date of Registration	:	7 th January 2013
Conference Dates	:	18 th & 19 th January 2013

Registration Details

♦ Fees

Ph.D. Student / Research Fellow	: Rs. 1000
Faculty	: Rs. 1500
Corporate	: Rs. 2000
PG Students (M.E., M.Tech, MCA, M.D., M.S., M.Sc.(Life Sciences & Computational Sciences), M.V.S.C., M.D.S. etc)	: Rs. 750

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Note: Please submit your queries to conference@aimspune.org

Venue

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