

## **PATRON**

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*Principal*  
**Upendra Nath College, Nalagaja**

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**Nilaratna Kalia**  
**HOD, Mathematics**  
**Upendra Nath College, Nalagaja**

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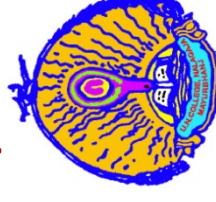
## **Information Brochure**

## **National Conference**

**on**

## **Soft Computing and Data Mining (NCSCDM-2012)**

**January 30-31, 2012**



*Organised by*

## **Department of Mathematics**

## **Upendra Nath College**

*Nalagaja, Mayurbhanj, Odisha, 757073*

**Sponsored by**

**University Grants Commission**

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### **Important Dates ( LAST DATE )**

**Abstract & Full Manuscript** :20.12.2011  
**Acceptance letter** :01.01.2012  
**Camera Ready Paper** :10.01.2012  
**Registration** :10.01.2012

### ***The Institution***

Upendra Nath College is situated at Nalagaja, a remote area in the District of Mayurbhanj, Odisha has been imparting higher education since 1976. The college is UGC affiliated and NAAC accredited. It is 50 km away from Baripada city, 60 km from Balasore city and 30 km from Jaleswar town (Kharagpur-Jaleswar-Balasore Road)

### ***Background***

Upendra Nath College, Nalagaja, is organising this National Conference keeping in view of the novel concept THINK GLOBALLY ACT LOCALLY and to achieve VISION INDIA-2020.

### ***Focal Theme***

We are living in the age of computation. Today computational process has not only changed the mode of living of the people but also their thinking capabilities. At present integration of knowledge from diverse fields is indispensable. The present conference on Soft Computing and Data Mining is an interdisciplinary topic to deal with uncertainty and vagueness integrating knowledge base. Researchers in Computer Science, Economics, Engineering, Environmental Science, Sociology, Medical Science and many other fields deal with the complexities of modelling uncertain data in day to day real life situations. Classical methods are not always suitable to solve problems in the domain of uncertainty. So the emergence of soft computing and data mining play a crucial role to solve the complex problems of real world.

### ***Call for Paper***

#### **Topics of the NCSCDM-2012 includes:**

#### **Soft\_Computing and Data Mining with Application Areas**

- \*Fuzzy Set
- \*Rough Set
- \*Soft Set
- \*Genetic Algorithms
- \*DNA Computing
- \*Expert System
- \*Computational Intelligent
- \*Data Mining
- \*Knowledge engineering
- \*Knowledge Management
- \*Bioinformatics
- \*Biotechnology
- \*Industrial Application of SC
- \*Business Information System

- \*Neural Network
- \*Cluster techniques
- \*Decision Support System
- \*Computer Graphics
- \*Data and Network Security
- \*Information and Communication Technology
- \*Granular Computing
- \*Cryptography
- \*Pattern Recognition
- \*Agriculture Engineering
- \*Library Information System
- \*Cloud Computing
- \*Mobile Computing
- \*Mathematical Modeling
- \*Data Analysis
- \*Embedded System

### ***Instruction for Authors***

Original research papers are invited from the authors. The selected articles will be published in the Conference Proceedings after peer-review process. The full text paper should be of maximum 8 pages according to **IEEE paper format in MSWORD A4 size**. As our website is under re-contruction, here is email ID with password so that author can download following formats

- (1) **IEEE Paper Format**
- (2) **Copy Right Form**
- (3) **Registration Form**
- (4) **Information Brochure.**

They are also requested to see the email time to time regarding updating of the conference news. (Email ID : [upendranathcollege@yahoo.com](mailto:upendranathcollege@yahoo.com) & Password : **nalagaja** for downloading )

### ***Paper Submission***

Paper may be submitted to [ncscdm2012@gmail.com](mailto:ncscdm2012@gmail.com) and [nilaratna\\_math@rediffmail.com](mailto:nilaratna_math@rediffmail.com) along with scan copy of copy right form, Registration form. Also author can send hard copies to **Nilaratna Kalia, HOD, Mathematics, U.N.College, Nalagaja, Mayurbhanj, 757073, ODISHA**. Accepted papers will be published in Conference Proceedings. Some of the selected papers will be published in a reputed journal.

### ***Registration***

Regarding registration, detail information is available in the registration form. Registration fees should be paid through Demand Draft in favour of **Convener, NCSCDM-2012, Deptt. of Mathematics, U.N.College, Nalagaja** payable at Nalagaja. Fees for registration is **Rs.500** for authors and **Rs.300** for students (**Detail is in Registration form**)