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niba.bbsr@yahoo.co.in

IMPORTANT DATES :

Last date of Submission of Full Length Paper	15-05-13
Intimation of Acceptance of Paper	20-05-13
Last date for Registration with Fee	25-05-13

WHO SHOULD PARTICIPATE ?

Executives, Professionals, Academicians, Research Scholars, Consultants, Students and anyone having specific interest in the seminar theme.

REGISTRATION FEES :

Participants can use the attached registration form and submit the filled in registration form by post or e-mail on or before 25-05-2013. No registration fee is applicable to paper presenters, academicians and students and participants from AICTE approved institutions. Registration fee for Industry delegates is Rs. 1,000/-.

RESOURCE PERSONS :

Prof. (Dr.) Ashish Ghosh, Deptt. of CS, ISI, Kolkata

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Prof. (Dr.) Bansidhar Majhi, NIT, Rourkela

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Prof. (Dr.) S. Nanda, KIIT University

Prof. (Dr.) P.K. Das, Director Research & Consultancy, SOA University

Venue:**NIIS INSTITUTE OF BUSINESS ADMINISTRATION, BHUBANESWAR**

Sarada vihar , Madanpur, Bhubaneswar - 752054, Khurda

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Two Day National Seminar On "SOFT COMPUTING: A PANORAMA OF POSSIBILITIES"

(SCAPP-2013)

JUNE 1-2, 2013

Sponsored by :



All India Council for Technical Education, India



Organized by :


**NIIS INSTITUTE OF BUSINESS ADMINISTRATION
BHUBANESWAR**

www.niisinst.com

GENESIS OF NIBA :

With the advent of the new millennium, in the year 2000, Neelachal Education and Management Trust (NEMT) was christened, pioneered by our honourable Secretary S.J. Subhash Chandra Nayak with a motto to impart quality professional education in the domain of Management & Technology. Under the aegis of NEMT, NIIS INSTITUTE OF INFORMATION SCIENCE & MANAGEMENT came to the fore offering BBA, BCA & MSW course. In the year 2007, NIIS JUNIOR COLLEGE offering courses of +2 Science & Commerce was added to the bouquet of NIIS Group. NIIS INSTITUTE OF BUSINESS ADMINISTRATION (NIBA) was annexed to the group in the year 2008, providing MBA & MCA programme approved by AICTE, Ministry of HRD, Government of India and affiliated to Biju Patnaik University of Technology, Odisha. NIIS Group has carved its niche in the state and acclaimed glory for excellence in education, research, training, placement, industry/institute collaboration.

ODISHA AT A GLANCE :

Odisha epitomizes the tranquil beauty of eternity. Having one of the longest coastline in the globe, this magnificent state is home to the immortal poetry on the stone the Black Pagoda, 'Konark', the largest natural bird sanctuary in South Asia. Lake Chilika and Puri, the pious land of Lord Jagannath, Bhubaneswar, the beautiful temple city, boasts of 'Dhauli', the Buddhist Monument. Apart from the scenic beauty, the state is immensely blessed with natural resources and mineral wealth attracting investors around the globe to start their ventures in diverse areas such as Power, Steel, Hydro projects, Colliery etc. Odisha, which witnesses a fusion of tradition and innovation unfolds the real panorama of possibilities in the realm of life. Odisha has become the cynosure of the globe for her affluence in mineral wealth and is turning out to be the IT hub in eastern India. Major IT firms such as Infosys, TCS, WIPRO, Satyam, Mahindra and many more have ventured in Odisha.

THEMATIC ANATOMY OF SEMINAR :

Soft Computing is the amalgamation of various wings such as fuzzy logic (FL), neural network theory (NN) and probabilistic reasoning (PR), with the latter subssuming belief networks, evolutionary computing including DNA computing, chaos theory and parts of learning theory into one multi disciplinary system. The essence of soft computing is that unlike the traditional hard computing, soft computing is aimed at accommodating with the pervasive imprecision of the real world. In the final analysis, the role model for soft computing is the human mind. Soft computing differs from conventional computing in its tolerance of imprecision, uncertainty, partial truth and approximation. The conceptual structure of soft computing suggests that students should be trained not just in fuzzy logic, neurocomputing, genetic programming or probabilistic reasoning but in all of the associated methodologies, though not necessarily to the same degree.

OBJECTIVE OF THE SEMINAR :

The development of new reasoning and decision making tools that can deal with uncertainty and imprecision leads to considerable scientific and technical progress. This seminar will bring different approaches, research lines and applications together and will permit the students and scholars to explore synergies between different computational and mathematical methods, to structure promising new ideas and research projects, to develop new research lines, to generate scientific and technical knowledge and to increase the multi disciplinary of soft computing.

A GLIMPSE INTO THE FUTURE :

The successful applications and the rapid growth of soft computing suggest that the impact of soft computing will be felt increasingly in coming years. Soft computing is plays an important role in science and engineering, but eventually its influence may extend much farther. In many ways, soft computing represents a significant paradigm shift in the objectives of computing, a shift which reflects the fact that the human mind, unlike present day computers, possesses a remarkable ability to store and process information which is pervasively imprecise, uncertain and lacking in category.

CALL FOR PAPERS :

Authors are invited to submit Research/Review papers on the following themes which are indicative and not limiting.

- + Fuzzy Systems: Applications of fuzzy logic in automobiles, Defence and Security, Medicine and Biomedical fields, Internet and Computer Security, Consumer Electronics, Decision Making and allied subjects.
- + Neural Networks: Neuro Fuzzy System, Image Analysis, Speech Recognition, Hebbian Learning, Robotic Control, Pattern Recognition and allied subjects.
- + Machine Learning: Machine Perception, Computer Vision, Natural Language Processing, Search Engine, Classifying DNA Sequences, Sequence Mining and allied subjects.
- + Probabilistic Reasoning: Forecasting, Image Interpretation, Multi-sensor fusion, Decision Support Systems and allied subjects.
- + Evolutionary Computation: Gene Expression Programming, Genetic Algorithm, Genetic Programming, Evolutionary Programming, Evolution Strategy, Differential Evolution, Swarm Intelligence: (Ant Colony Optimization, Particle Swarm Optimization) and allied subjects.

GUIDELINES FOR PAPER SUBMISSION :

The Original Research Papers, Articles & Working papers on the topics related to the theme are invited for presentation/publication in the proceeding. Authors interested in getting their papers published in the conference proceedings are requested to follow the guidelines given below.

Full papers with abstracts must be submitted in double column format (Ms-Word with font styles Times New Roman and font size 12 and must not exceed 6 pages) to niba.bbsr@yahoo.co.in. The best selected papers through blind peer review shall be considered for publication in the research journal of NIIS Institute of Business Administration.

All correspondence including submission of papers shall be only through : email: niba.bbsr@yahoo.co.in. For details visit : www.niisinst.com.

ACCOMMODATION :

Free accommodation will be provided to outstation participants. Accommodation can be arranged in a wide range of hotels in Bhubaneswar according to the preference of the delegates on request at their own expenses.

TRAVEL REIMBURSEMENT :

All outstation participants/delegates (from within India), whose papers are selected for presentation will be reimbursed to and from AC 3-tier railway fare subject to production of original/photocopy of the ticket.

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National Seminar On

**"SOFT COMPUTING : A PANORAMA OF POSSIBILITIES"
(SCAPP-2013)**

JUNE 1-2, 2013

REGISTRATION FORM

(Please fill the form in Block Letters)

Name :

Designation :

Institution :

Address for Communication :

.....

.....

Mobile :

Email :

Gender :

Accommodation Required (Yes/No).....

Signature of the participant



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