

Hybrid Intelligence

Venue: RCC Institute of Information Technology
January 18 – 22, 2016

REGISTRATION FORM

Name: _____

Institute: _____

Affiliation*: _____

Highest Educational Qualification: _____

Areas of research interest*: _____

Department*: _____

Mobile/Landline*: _____

E-mail*: _____

Food habit: Veg/Non-Veg

Applicant's Signature: _____

Date: _____

The above applicant will be permitted to participate

Signature of Head of the Department with Seal

* Mandatory

ADVISORY COMMITTEE

Dr. S. M. Chatterjee, Chairman, RCCIIT
Dr. Arup Kumar Bhaumik, Principal, RCCIIT
Dr. P. N. Basu, Professor, IT, RCCIIT
Dr. P. K. Das, Dean (Academics), RCCIIT

CONVENERS

Dr. Siddhartha Bhattacharyya, Assoc. Prof., IT
Mr. Hrishikesh Bhaumik, Assoc. Professor, IT

COORDINATOR

Dr. Indrajit Pan, Asst. Prof., IT
Dr. Anirban Mukherjee, Asst. Prof., IT

ORGANIZING COMMITTEE MEMBERS

Dr. Dipankar Majumdar, Assoc. Professor, IT
Mr. Pankaj Pal, Asst. Professor, IT
Mr. Abhijit Das, Asst. Professor, IT
Ms. Moumita Deb, Asst. Prof., IT
Mr. Soumyadip Dhar, Asst. Prof., IT
Mr. Hiranmoy Roy, Asst. Prof., IT
Mr. Amit Khan, Asst. Professor, IT
Mr. Sudarsan Biswas, Asst. Professor, IT

REGISTRATION

Ms. Moumita Deb, Asst. Prof., IT
Ms. Sudipta Bose Nandi, Technical Asst., IT
Mr. Ripan Mondal, Laboratory Asst., IT
Ms. Moumita Chatterjee, Junior Asst., IT

SESSION ARRANGEMENTS (HANDS ON)

Mr. Soumyadip Dhar, Asst. Prof., IT
Mr. Hiranmoy Roy, Asst. Prof., IT

National Level Orientation & Faculty Development Program Under TEQIP – II

on

Hybrid Intelligence

January 18 - 22, 2016

Organized by

Department of Information Technology

RCC Institute of Information
Technology

Unit of an Autonomous Society of Department of
Higher Education, Govt. of West Bengal



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RCC INSTITUTE OF INFORMATION TECHNOLOGY

It is a World Bank funded (TEQIP - II) Government aided self financing Engineering College under an Autonomous Society of Department of Higher Education, Govt. of West Bengal. It was setup in 1999 with an active support and collaboration of Ministry of Information Technology, Government of India and Department of Higher Education, Govt. of West Bengal. The Institute offers five B. Tech. and three M. Tech. programs along with MCA.

VISION OF THE DEPARTMENT

To empower students to become global leaders in the IT based sector that would cater the needs of the local and global community.

MISSION OF THE DEPARTMENT

To create a global ambience that fosters excellence in teaching-learning, research and development aided by state-of-the-art infrastructure, a dedicated pool of faculty and staff members and an inspired group of alumni that would help the department in facilitating the students to excel in IT and ITES.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1. Excellence in IT and Allied Services: To enable graduates to contribute with excellence in IT-Enabled and Allied Services.

PEO2. Problem Solving Ability: To imbibe into the graduates, the ability to apply Engineering principles creatively in solving problems of the community & society.

PEO3. Spirit of Teamwork: To infuse into the students a spirit of collaboration, leadership and team-work.

PEO4. Communicational Skill: To develop their communication and managerial skills to handle challenges in projects and works in multidisciplinary teams by understanding societal and professional responsibility and initiate lifelong learning opportunities.

PEO5. Research and Development: To undertake research, design and developmental projects in the frontier areas of technology.

PEO6. Versatility: To prosper in a multinational, multilingual and multicultural atmosphere.

SPEAKER DETAILS

Prof. (Dr.) Ujjwal Maulik, JU, Kolkata

Prof. (Dr.) Paramartha Dutta, VBU, Santiniketan

Prof. (Dr.) Subhas Hati, JIS College of Engg., Kalyani

Dr. Anirban Mukhopadhyay, KU, Kalyani

Dr. Siddhartha Bhattacharyya, RCCIIT, Kolkata

Mr. Hrishikesh Bhaumik, RCCIIT, Kolkata

HYBRID INTELLIGENCE

Imparting intelligence has become the focus of various computational paradigms. Thanks to evolving soft computing and artificial intelligent methodologies, scientists have been able to explain and understand real life processes and practices which formerly remained unexplored by dint of their underlying imprecision, uncertainties and redundancies, as well as the unavailability of appropriate methods for describing the inexactness, incompleteness and vagueness of information representation. Computational intelligence tries to explore and unearth intelligence embedded in the system under consideration.

Recently, the soft computing tools and techniques like fuzzy logic, neural networks, rough sets and evolutionary computing algorithms have been conjoined together to form hybridized algorithms which offer more efficient and robust solutions to real life uncertain problems. This computing paradigm entailing the hybridization of different computational intelligent algorithms is referred to as hybrid intelligence.

COURSE OUTCOMES

This FDP would cover an in-depth study of the recent hybrid intelligence computing paradigm with focus on its application perspective. After completing this FDP, the participants will be able to understand and apply the principles of hybrid intelligence in solving real world problems which are characterized by uncertainties and imprecision. This FDP will also help young faculty and researchers to facilitate novel breakthroughs.

REGISTRATION GUIDELINES

Interested applicants of allied disciplines (CSE/IT/MCA/ECE/EE) should submit the filled in registration form along with the registration fees by 14th January 2016. Scanned forms may be sent in advance to fdp.doit@gmail.com

Tentative Itinerary

Date	Duration	Faculty Name/Agenda
18.01.2016	10:15-13:00	Prof. (Dr.) Ujjwal Maulik
	14:00-17:00	Hands on Neural Network by Prof. Subhas Hati
19.01.2016	10:00-13:00	Mr. Hrishikesh Bhaumik
	14:00-17:00	Hands on Vague Sets
20.01.2016	10:00-13:00	Prof. (Dr.) Paramartha Dutta
	14:00-17:00	Hands on Genetic Algorithm by Prof. Subhas Hati
21.01.2016	10:00-13:00	Dr. Anirban Mukhopadhyay
	14:00-17:00	Hands on Fuzzy Logic
22.01.2016	10:00-13:00	Dr. Siddhartha Bhattacharyya
	14:00-17:00	Valedictory Session

* **Registration: January 18, 2016 (09:30A.M-10:00A.M.)**

* **Inauguration: January 18, 2016 (10:00A.M-10.15A.M.)**

- **Registration fees Rs. 2000/-**
- **NO Spot Registration will be entertained**

Original form must have to be submitted by 14.01.2016.