

## ENGINEERING APPLICATION OF COMPUTATIONAL INTELLIGENCE (EACI-2014)

(One Week FDP Sponsored by TEQIP-II)

TECHNICALLY SPONSORED BY IEEE  
COMPUTATIONAL INTELLIGENCE SOCIETY -  
KOLKATA CHAPTER

Venue: RCC Institute of Information Technology

April 07-11, 2014

### REGISTRATION FORM

(Fill in Capital Letter using Ball Pen)

\*Name: \_\_\_\_\_

\*Affiliation: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*Highest Qualification: \_\_\_\_\_

\*Specialization: \_\_\_\_\_

\*Research Interest: \_\_\_\_\_

\*Mobile/Landline: \_\_\_\_\_

\*E-mail: \_\_\_\_\_

\*\*Food Habit:  Vegetarian  Non-Vegetarian

\*Applicant's Signature:

\*Date:

The above applicant will be permitted to participate in the  
National level FDP EACI-2014.

Signature of the Principal/ Head of the Department with Seal

\*\* Tick the appropriate

\*Mandatory

### REGISTRATION FEES

Registration fee of **Rs. 1,000/-**, includes registration kit, study/lecture materials, refreshment and lunch for 5 days during the course.

- **NO accommodation will be provided**
- **NO Spot Registration will be entertained**

Interested Candidates can apply by mailing a scanned copy of their duly filled-in Registration form **before 26/03/2014** to the following email id: [rcciitece.fdp@gmail.com](mailto:rcciitece.fdp@gmail.com).

After receiving confirmation letter original form along with registration fee must have to be submitted by **04.04.2014**.

### ADVISORY COMMITTEE

**Prof. Sparshamoni Chatterjee**

Chairman, RCCIIT and Former VC, BESU

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Principal, RCCIIT

**Mr. Chinmay Ghosal,** Finance Officer, RCCIIT

**Mr. Biswanath Chakraborty,**

Coordinator, TEQIP-II, RCCIIT

**Mrs. Arpita Banerjee (Roy),**

Asso. Prof., ECE, RCCIIT

### ORGANISING COMMITTEE

- **Mr. Srijibendu Bagchi,** Asst. Prof. ECE, Convener, +919748566853
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- **Mrs. Saraswati Saha,** Asst. Prof. ECE,
- **Mr. Sankar Banerjee, Jr.** Asst., ECE

One week TEQIP-II Funded  
Faculty Development Program  
On

## “Engineering Application of Computational Intelligence”

APRIL 07-11, 2014

TECHNICALLY SPONSORED BY  
IEEE COMPUTATIONAL INTELLIGENCE  
SOCIETY – KOLKATA CHAPTER

Organized by

Electronics and Communication  
Engineering Department

### RCC Institute of Information Technology

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



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[www.rcciit.org](http://www.rcciit.org)

## 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 the M. Tech. programs along with MCA.

### IEEE CIS - KOLKATA CHAPTER

The present one week Faculty Development Program has Technical Sponsorship IEEE Computational Intelligence Society (CIS). CIS is an international community of leading practitioners and researchers with very diverse backgrounds but sharing the same interest in innovative applications and further development of CI technologies. The Kolkata Chapter of CIS, in particular, will endeavor towards bringing together professionals, researchers and academicians of this region to exchange and coordinate their ideas. The present faculty development program will provide a platform to fulfill the aim of the Society.

### BACKGROUND AND OBJECTIVE OF SEMINAR

Computational Intelligence (CI) covers a broad area of research interests including the theory, design, application, and development of biologically and linguistically motivated computational paradigms emphasizing neural networks, connectionist systems, evolutionary algorithms, fuzzy systems, bioinformatics, and hybrid intelligent systems in which these paradigms are contained. Computational intelligence (CI) is a set of nature-inspired computational methodologies and approaches to address complex real-world problems to which traditional approaches are ineffective or infeasible. The general application areas of CIs are Image Processing, Pattern Recognition, Bio Informatics and Bio Engineering, Robotics, Knowledge-based engineering,

Expert Systems, Data Mining, Man- Machine Interface etc. The objectives of the short term course is to generate awareness and research interest among faculties of different engineering colleges and young researchers by bringing researchers, academicians and industry personnel from different parts of the state to a common gathering and share the recent state-of-the-art applications of CIs in different fields. Besides the invited talks by the resource persons, there are hands-on sessions, covering the theme of the course (Total 8 Lectures and 2 Hands on Session).

### TOPICS TO BE COVERED

- Image Processing
- Bio Informatics
- Pattern Recognition
- Robotics Vision
- Brain Signal Processing
- Emotion Recognition
- Intelligent systems

### IMPORTANT REGISTRATION GUIDELINES

- The FDP is mainly aimed for faculty members/Research Scholars from all Universities and Engineering colleges across India.
- Registration is limited. Preference will be given to participants of relevant disciplines and research interest.
- Arrangement for accommodation can be done on prior request at own cost.
- This FDP has to be attended on all five days. **Attendances at every session are mandatory** to qualify for the certificates. Certificates will be issued on the concluding day of the FDP.

### TENTATIVE LIST OF SPEAKERS/EXPERTS

- **Prof. Nikhil R. Pal**, (*Keynote Speaker*)  
*Indian Statistical Institute, Kolkata*
- **Prof. Amit Konar**,  
*Jadavpur University, Kolkata*
- **Prof. Ujjwal Maulik**,  
*Jadavpur University, Kolkata*
- **Prof. Bhabotosh Chanda**,  
*Indian Statistical Institute, Kolkata*
- **Dr. Amitava Chatterjee**,  
*Jadavpur University, Kolkata*
- **Dr. Swagatam Das**,  
*Indian Statistical Institute, Kolkata*
- **Mr. Aniruddha Sinha**,  
*TCS Innovation Labs, Kolkata*

#### Tentative Itinerary on 07<sup>th</sup> April, 2014:

Time	Session
09:30-10:30	Registration
10:30-10.45	Inauguration
10:45-11:00	High Tea
11:00-13:30	Keynote address
13:30-14:30	Lunch
14:30-17:00	Technical Session

#### Tentative Itinerary from 08<sup>th</sup> to 11<sup>th</sup> April 2014:

Time	Session
11:00-13:30	Technical Session I
13:30-14:30	Lunch
14:30-17:00	Lecture / Hands On