

## WORKING COMMITTEE

1. Mr Jyoti Shankar Mishra, Lecturer (SG).
2. Mr Ajit Kumar Sahu, Lecturer (SG).
3. Dr. Manoj Kumar Dash, Lecturer (SG).
4. Dr. Ganesh Kinkar Sahu, Lecturer (SG).
5. Dr. Janmejaya Senapati, Lecturer (SG).
6. Mr Partha Pratim Sarangi, Asst. Professor.
7. Mr Mahendra Nath Mohanta, Asst Professor.
8. Mr Prasanta Nayak, Asst. Professor.
9. Dr. Rabindra Behera, Asst. Professor.
10. Mr P K Senapati, Asst Professor.
11. Mr Bhubotosh Behera, Asst Professor.
12. Mr Manas Ranjan Pani, Sr. Lecturer.
13. Mr Sashadhar Kalia, Lecturer.
14. Mr Rajib Kar, Lecturer.
15. Mrs Madhumita Panada, Lecturer.
16. Deepak Kumar Rath, Sr. Programmer.

## HOW TO REACH SEC

Road Map (Way to SEC...)



## IMPORTANT DATES

- Last date for Received Application form: 12<sup>th</sup> May 2013.
- Intimation to selected candidates: 14<sup>th</sup> May 2013.
- Conformation for participation: 17<sup>th</sup> May 2013.

## ISTE-SRM APPROVED STTP ON “APPLICATION OF SOFT COMPUTING ON ENGINEERING”

(20 May 2013 – 28 May 2013)

Last date of Registration: 12<sup>th</sup> May 2013

### REGISTRATION FORM

Name: .....

Institution/Industry: .....

Qualification: .....

Designation:.....

Experience:.....

Mailing Address:.....

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Email: .....

Mobile No.....

ISTE Membership No.....

(Please attach photocopy of membership card/certificate)

In Case of non-member, please send the DD in favour of I.S.T.E, payable at New Delhi, along with the application.

Date Signature of the Applicant

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### Sponsorship Certificate

The applicant will be permitted to participate in the above program, if selected.

Date: Signature  
Principal/Director

Office Seal



.....celebrating 17 years of  
**excellence.**

### Organizing



## ISTE-SRM APPROVED ONE WEEK SHORT TERM TRAINING PROGRAM

(May 20, 2013 to May 25, 2013)

On

**“Application of  
Soft Computing on  
Engineering”**

At

**SEEMANTA ENGINEERING COLLEGE  
Jharpokharia, Mayurbhanj, Odisha, INDIA.**

**Tel: 06791-222808**

**Fax: 06791-222810**

**Web Site: www.seemantaengg.ac.in**

**E-mail: sec.sic@seemantaengg.ac.in**

### **ABOUT COLLEGE**

Seemanta College of Engineering was established in 1997. The college is approved by A.I.C.T.E., and affiliated to the Biju Patnaik University of Technology. It offers B. Tech courses in Computer Science, Instrumentation, Mechanical, Electronics and Telecommunication, Electrical and Civil Engineering and M. Tech courses in Electrical and Mechanical Engineering. Also Provide Master of Computer Application (MCA). The college has well qualified and experienced faculty members backed by well equipped laboratories.

### **ABOUT ISTE**

Indian Society for Technical Education is a National, professional nonprofit making society registered under societies of registration act of 1860, first started in 1941 as association of Principals of Technical Institutions. It was converted to "Indian Society for Technical Education" in 1968 to enlarge its activities to advance the cause of Technical education. The major objectives of ISTE are to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organization.

SRM University, Chennai has sponsored this ISTE-SRM STTP.

### **COURSE OBJECTIVES**

**Soft computing** refers to a collection of computational techniques in engineering disciplines that study, model, and analyze very complex problem for which more conventional methods have not yielded low cost, analytic, and complete solutions. Soft Computing uses **soft techniques** contrasting it with classical **hard** computing techniques. Hard computing is bound by a algorithmic concept called NP-Complete, which means, in layman's terms, that there is a direct connection between the size of a problem and the amount of resources needed to solve the problem. Soft computing aids to surmount NP-complete problems by using inexact methods to give useful but inexact answers to intractable problems.

### **COURSE CONTENTS**

The course will cover:

- **Introduction to Soft Computing Techniques**
- **Artificial Neural Networks**
- **Genetic Algorithms**
- **Fuzzy Sets and Fuzzy Logic**
- **Particle Swarm Optimization**
- **Application of Soft Computing in Data Mining, Image Processing, Speech Processing, Sensor Networks, Control System, Security, Robotics and Financial Forecasting.**
- **MATLAB Programming**

### **RESOURCE PERSONS**

Renowned faculty from IIT's, ISI, NIT's, Universities, Industry and leading academic institutions shall share their expertise in various areas of Soft Computing techniques.

### **ELIGIBILITY**

Faculty members from AICTE Approved Engineering Colleges, Polytechnics, Universities and Industries.

### **HOW TO APPLY**

The scanned/soft/photo copy of filled form with requisite documents should be sent via e-mail to [sttpsec@seemantaengg.ac.in](mailto:sttpsec@seemantaengg.ac.in).

### **COURSE FEES**

- Faculty (ISTE Life Members) : Nil
- Faculty (Non-ISTE Members): Rs. 3000/-
- Industry/R & D institute : Rs 4000/-

*\*Lodging and boarding will be free for selected candidates. No TA will be allowed.*

### **PROGRAM SCHEDULE**

- Programme Dates: May 20-25, 2013.
- Time: 9:00 am to 5:00 pm.
- Venue: Seemanta Engineering College.

### **ORGANISING COMMITTEE**

#### **PATRON**

Er. Ashok Kumar Basa, President GB, SEC.

#### **CHAIRMAN**

Prof (Dr.) Ranjikan Chottray, Principal, SEC.

#### **PROGRAM COORDINATOR**

Harihar Kalia, Asst. Professor CSE, Head MCA.

Contact: 0 9437238248/09776032990

Email: [smarahari07@gmail.com](mailto:smarahari07@gmail.com)

#### **PROGRAM CO-COORDINATORS**

Dr. Sanjat Kumar Mishra, Professor & Head ETC.

Contact: 09437444960

Email: [sanjatmishra@seemataengg.ac.in](mailto:sanjatmishra@seemataengg.ac.in)

Swarup Kumar Dandapat, Asst Professor and Head E&I.

Contact: 09861012958

Email: [sk.dandapat@gmail.com](mailto:sk.dandapat@gmail.com)

### **TECHNICAL COMMITTEE**

Prof. S. Mohanty, VC, NOU, Baripada.

Prof. R. K. Chhotray, Principal SEC.

Dr. S. N. Dehuri, Ajou University, South Korea.

Prof. Asish Ghosh, ISI, Kolkata.

Prof. N.G.P.C Mahallick, USA.

Prof. S. Padhy, Institute of Mathematics, BBSR.

Prof. Asish Pani, XLRI, Jamshedpur.

Dr. Bimal Sarangi, REC, BBSR.

Prof. S. S. Pattanaik, Professor ICT, FMU, Balasore.

Dr. Bijan Bihari Mishra, SIIT, BBSR.

Dr. Sudhansu Kumar Mishra, BIT, Meshra.

Dr. Ajit Kumar Sahu, NIT, Rourkela.

Dr. Debasish Jena, IIIT, BBSR.

Prof. M. N. Das, KIIT, BBSR.