

AICTE Sponsored
Faculty Development Programme
“Recent Trends in Advanced Computing”
(RTAC-2013)

29th April - 11th May 2013

Registration Form

1. Name:
2. Designation:
3. Organization: (affiliated to).....
4. Address:.....
.....
.....
Mob.....Fax:
- E-mail:
5. Qualification:
6. Years of Experience:
7. Specialization(s) if any:
8. Accommodation Required: YES/NO
9. Details of DD towards registration fee (**refundable**):

DD No. / Date:

Bank & Branch:.....

(DD must be drawn in favour of “**RTAC-2013**” payable
at Burla)

Place: Signature of the Applicant

Date:

I certify that our institute is approved by AICTE .The
applicant will be relieved during the above period to
attend the SDP.

Date: Signature of Sponsoring
Authority (With Seal)

Patron:

Prof. Bijoy Kumar Nanda
Vice Chancellor, VSSUT, Burla.

Advisory Committee:

Prof. R.P. Panda, (*Dean SRIC & CEP*)
Prof. A.K. Panda, (*Dean Students Welfare*)
Prof. A.N. Nayak, (*Dean Academic Affairs*)
Prof. J. Rana, (*Dean Faculty & Planning*)
Prof. C.R. Tripathy, (*CSE & IT*)
Prof. B.B.Pati (*Electrical Engg*)
Prof. P. K. Das (T&P)
Prof. P.C.Swain (Civil Engg.)
Prof. P.R.Dash (*Mechanical Engg*)
Prof. P.K. Pradhan, (*Civil Engg.*)
Prof. D. Mishra (*Production Engg*)
Prof. U.R. Jena (*ETC*)
Prof. P.K.Modi(Electrical Engg)
Prof. P.K. Kar (*Chemistry*)
Prof. S.K. Swain (*Chemistry*)
Prof. Sidartha Panda (*EEE*)
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Prof. Rajib Mall (*IIT, KHARAGPUR*)
Prof. P.K.Dash (*S&O University*)
Prof. B.Majhi (*NIT, RKL*)
Prof. P.K. Hota (*CET, BBSR*)
Prof. P.K. Patra (*CET, BBSR*)
Prof. S.S.Rath(*Sambalpur University*)
Prof. S Puzari(SUIIT)
Prof. G. Sahoo (*BIT, Meshra*)
Mr. D. Minz (*COF & Registrar I/C*)

Organizing Committee:

Dr.. M.R. Kabat,	Prof. S.P. Sahoo
Prof. D.C. Rao	Prof. K.K. Sahu
Prof. S. Behera	Prof. S.K. Nayak
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Prof. B.R. Naik	Mr. M.K. Patel

Correspondence:

Dr. H. S. Behera

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Faculty Development Programme

On

**Recent Trends in Advanced
Computing**

(RTAC-2013)

29th April - 11th May 2013

Coordinator

Dr. H.S. Behera

Co-coordinator

Prof. Rakesh Mohanty



Department of Computer Science & Engg.
Veer Surendra Sai University of Technology
Burla, Sambalpur-768018, Odisha, India.

www.vssut.ac.in

Sponsored By :

All India Council of Technical Education
(AICTE), New Delhi

About the University

Veer Surendra Sai University of Technology(VSSUT), formerly University College of Engineering Burla, established in 1956, being the premier Government institute of the state of Odisha, is well known for its research potential and faculty eminence. VSSUT has carved a niche for itself among the best technical institutes in the country having 20,000 graduates and 3,000 post graduate engineers serving in reputed organizations around the globe as its alumni. This State Government University is recognized by University Grants Commission (UGC), New Delhi and NBA accredited

Our vision is to emerge as an Internationally acclaimed Technical University to impart futuristic technical education and creation of vibrant research enterprise to create quality engineers and researchers, truly world class leader and unleash technological innovations to serve the global society and improve the quality of life.

Department of Computer Sc. & Engg.

The Department of Computer Science and Engineering, VSSUT, was established in 1994. Since its inception, the department is able to establish the reputation for imparting quality education and research both at undergraduate and post graduate and Ph.D. programmes. The department has well equipped modern laboratories such as Data Communication, Image Processing & Cluster Computing and Advanced Database Engineering Labs for pursuing research keeping pace with the technological advancement. The department encourages research in the areas like: Parallel Processing, Algorithm Engineering, QoS, Data Mining & Soft Computing, Distributed Systems ,Time Series Forecasting and Image Processing.



About the Course

The course will cover recent and advanced topics related to emerging trends in computing with a focus on various research areas of computer science and engineering. Participants will be introduced to advanced topics, state of the art literature and challenging research problems of diversified fields for pursuing further research in their field of interest.

Course Contents

- Data Mining
- Machine Intelligence in Data Mining
- Image Processing and Biometrics
- Evolutionary Computing Theory and Applications
- Face Recognition and Image Segmentation
- Cloud Computing
- Self Organizing Data Structures
- Online Algorithms
- Computing Slices of Object Oriented and Aspect Oriented Programs
- QoS in Networks
- Real Time Communication
- Bio-inspired Optimization
- Simulink Based Modeling and Controller Design
- Soft Computing Techniques and its applications
- Soft Computing Application in Image and Data Compression
- Application of Soft Computing in Channel Equalizer
- Application of Soft Computing in Multilevel Thresholding
- Application of Soft Computing in Robotics
- Biological Algorithms in Engineering Applications.

Resource Persons

The course lectures will be delivered by subject experts from IITs, NITs, VSSUT and other reputed institute of the country as well as experts from industries.

Accommodation

Suitable accommodation will be provided only to outstation candidates on prior request.

Registration & Fee Particulars

The course is free for faculty members of AICTE recognized Institutes. However the participants have to submit a demand draft of Rs. 500/- (Rupees Five Hundred Only) in favor of “**RTAC-2013**” along with the registration form for confirmation of participation, which will be **refunded** to the participant on attending the course. Preference will be given to faculty members having experience in the relevant area.

Applications in prescribed format must reach the coordinator through proper channel on or before **8th April 2013**. The selected participants will be informed through E-mail in second week of April. The list of selected participants will also be displayed in the institute web site www.vssut.ac.in.

Faculty members from AICTE recognized institutes will be reimbursed 3rd A/C to and fro railway fares through the shortest route on production of tickets. Besides, the participants will be provided all local hospitality in the campus. The participants will be given course completion certificates on successful completion of the course.

For further queries please feel free to contact the coordinators.

