

## Accommodation

Accommodation can be arranged in Hotel / Guest Houses as per availability on payment basis for which the organisers shall provide necessary assistance if informed well in advance.

## Program Schedule

### Day 1 (28th March 2008) :

08.00 am to 09.00 am : Registration  
09.00 am to 10.00 am : Inauguration  
10.00 am to 10.15 am : Inaugural Tea  
10.15 am to 11.45 am : Session - 1  
11.45 am to 12.00 pm : Break  
12.00 pm to 01.30 pm : Session - 2  
01.30 pm to 02.15 pm : Lunch Break  
02.15 pm to 03.45 pm : Session - 3  
03.45 pm to 04.00 pm : Refreshment  
04.00 pm to 05.30 pm : Session - 4

### Day 2 (29th March 2008) :

09.00 am to 10.30 am : Session - 5  
10.30 am to 10.45 am : Refreshment  
10.45 am to 12.15 pm : Session - 6  
12.15 am to 12.30 pm : Break  
12.30 pm to 01.30 pm : Session - 7  
01.30 pm to 02.15 pm : Lunch Break  
02.15 pm to 03.45 pm : Session - 8  
03.45 pm to 04.00 pm : Refreshment  
04.00 pm to 05.30 pm : Session - 9

### Day 3 (30th March 2008) :

09.00 am to 10.30 am : Session - 10  
10.30 am to 10.45 am : Refreshment  
10.45 am to 12.15 pm : Session - 11  
12.15 am to 12.30 pm : Break  
12.30 pm to 01.30 pm : Session - 12  
01.30 pm to 02.15 pm : Lunch Break  
02.15 pm to 03.45 pm : Session - 13  
03.45 pm to 04.00 pm : Refreshment  
04.00 pm to 05.30 pm : Session - 14  
05.30 pm onwards : Valedictory Ceremony

## Advisory Committee

Prof. (Dr.) M.P. Jain  
Prof. (Dr.) B.K. Sarap  
Prof. (Dr.) A.C. Ray  
Dr. M. Mallick  
Dr. R.K. Hota  
Prof. B. Puthal

Prof. G.K. Pradhan  
Mr. B.K. Pattanayak  
Mr. M.K. Mishra,  
Mr. A.K. Jagadev  
Mrs. T. Swarnkar  
Mrs. D. Mishra

### Chairman

Prof. (Dr.) B.K. Sarap

### Principal Co-ordinator

Mr. M.K. Mishra  
Mrs. T. Swarnkar  
Mrs. D. Mishra

### Member Organising Committee

Prof. B. Puthal  
Mr. M.K. Mishra  
Mrs. T. Swarnkar  
Mrs. D. Mishra  
Mr. S.P. Pati  
Mrs. S.P. Mishra  
Mr. M.R. Parhi  
Mr. S. Hota  
Mrs. R. Dash  
Mr. A. Mohanty

### Contact us :

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[www.soauniversity.ac.in](http://www.soauniversity.ac.in)  
[www.iter.ac.in](http://www.iter.ac.in)

### VENUE :

### NEW CONFERENCE HALL

Institute of Technical Education & Research

(Faculty of Engineering)

Siksha 'O' Anusandhan University

(Declared u/s 3 of UGC Act, 1956)

Jagamohan Nagar, Jagamara, Khandagiri, Bhubaneswar-751030, Orissa, India  
EPBAX: 0674-2350181, 2351539, 2351777, Fax: 0674-2351217, 2351880  
Email: [iter@iterindia.ac.in](mailto:iter@iterindia.ac.in), Website: [www.iterindia.ac.in](http://www.iterindia.ac.in)

## NATIONAL LEVEL WORKSHOP ON

## ALGORITHM FOR BIO-INFORMATICS (NWAB-2008)

Organised by :

Dept. of CSE / IT / MCA

INSTITUTE OF TECHNICAL EDUCATION

&

RESEARCH

(Faculty of Engineering)

In collaboration with :

Orissa Information Technology Society,  
BHUBANESWAR

**S O A**  
**UNIVERSITY**

(Declared u/s 3 of UGC Act. 1956)

**March 28th to 30th 2008**



### About SOA University

Siksha 'O' Anusandhan University is one of the leading University in the country. SOA is redefining the way knowledge is created and disseminated which is done by combining the best of two models :first the scientific & technological engine of a progressive research University and second, the highest engaged academic and social environment of a College. Located in the temple city of Bhubaneswar, the State Capital of Orissa, SOA University was declared u/s-3 of University Grant Commission Act, 1956. The University was founded with an inherent desire to offer world class degrees in Engineering, Medicine, Management, Hospitality & Tourism, Pharmacy, Nursing etc. with affordable cost. It also caters to the need of the research activity leading to a Ph.D. Degree.

### About ITER

Institute of Technical Education & Research (ITER) is a premier institute in the state of Orissa engaged in Engineering Education and Research. ITER pursues for excellence in all endeavors dedicated to Engineering studies. The institutes sincerely attempts to prepare Engineers for corporate and non-corporate sectors; while establishing an international network for education, training, research and consultancy. Since its inception it has become a pioneer in the field of Engineering in eastern part of country. Within a short span of twelve years ITER has reached the high echelon of success. ITER is an ISO 9001:2000 certified Institute which is approved by the All India Council for Technical Education (AICTE) and accredited by National Board of Accreditation (NBA) of AICTE, New Delhi. At present it is working as Faculty of Engineering, Siksha 'O' Anusandhan University declared u/s 3 of UGC Act., 1956.

### Objective

The algorithm for Bio-Informatics is the major course on Computer Science & Engg., Information Technology and MCA. The major goal of the workshop is to raise the awareness and impact on emerging trends in Bio-informatics for academicians, research scholars and Engineering students.

Bioinformatics and computational biology involve the use of techniques including applied mathematics,

information technology, statistics, computer science, artificial intelligence, chemistry, and biochemistry to solve biological problems usually on the molecular level. Research in computational biology often overlaps with systems biology. Major research efforts in the field include sequence alignment, gene finding, genome assembly, protein structure alignment, protein structure prediction, prediction of gene expression and protein-protein interactions, and the modeling of evolution.

### Workshop Theme

- Basic concepts of Molecular Biology.
- Application of Hidden Markov Models in the field of Bio-informatics
- Algorithms for Sequence Alignment, Phylogenetics , Drug discovery, Gene Prediction, Molecular Structure Prediction etc.
- Data mining and Machine learning methods for Bio-informatics.
- Bio-informatics Tools.

### Participation Open to :

- Faculty interested in teaching Bio-informatics.
- Research Scientist intending to work in the field of Bio-informatics.
- Interested Students

### Experts :

- Prof. (Dr.) Ashish Ghosh, ISI Kolkata.
- Prof. (Dr.) B.P. Acharya, S 'O' A University, BBSR.
- Prof. (Dr.) G.B.N. Chainy, Utkal University, BBSR.
- Prof. (Dr.) Pabitra Mitra, IIT, Kharagpur
- Prof. (Dr.) Sudarshan Padhy, Utkal University, BBSR.
- Prof. (Dr.) Susmita Ghosh, Jadavpur University, Kolkata

### Important Dates

*Workshop Dates : From 28th to 30th March 2008*

- |                                   |                  |
|-----------------------------------|------------------|
| Last date of receipt of Abstracts | : 18th March '08 |
| Notification of acceptance        | : 22nd March '08 |
| Submission of Camera-ready paper  | : 26th March '08 |
| Last date of Registration         | : 28th March '08 |

### Call for paper

Authors are cordially invited to submit a full copy of their papers not exceeding 6 singles spaced pages on A4 size paper, including references, figures titles, authors, name and affiliation and a short abstract both in both soft and hard copy. At least one of the authors should register for the workshop for accepting the paper. The papers with registration will only be considered for presentation and for the proceedings.

### About OITS

Orissa Information society was established in the year 1997 in the state of Orissa with the noble thought of bringing Information Technology to grass root level of the state. Since its inception it has been invaluable in achieving its goals by organising as well as coordinating several workshops and seminars in the field of information technology.

### Registration Detail

#### A. Registration is mandatory for participants.

- |                                   |               |
|-----------------------------------|---------------|
| 1. Industry                       | : Rs. 2000.00 |
| 2. Academic / Research Institute: | Rs. 1000.00   |
| 3. OITS Members                   | : Rs. 500.00  |

#### B. Mode of payments : DD/Cash

In favour of ITER, payable at Bhubaneswar. Registration fee includes Lunch & Snacks, Workshop kits and proceedings. No TA / DA will be provided for participating in the workshop.

### Location

Institute of Technical Education & Research is located in the temple city Bhubaneswar, nearly two kilometers from N.H.-5 , adjacent to Biju Pattanayak International Airport and Bhubaneswar Railway Station is ten kilometers.







**NATIONAL LEVEL WORKSHOP  
ON  
ALGORITHM FOR BIOINFORMATICS  
(NWAB-2008)**

**REGISTRATION FORM**

Name (In Capital Letters) \_\_\_\_\_

Designation : \_\_\_\_\_

Organization : \_\_\_\_\_

Address for Correspondence : \_\_\_\_\_

Phone No. : \_\_\_\_\_ Mobile No. \_\_\_\_\_

E\_mail : \_\_\_\_\_ Fax No. : \_\_\_\_\_

Whether Presenting the paper in the Workshop (Please tick) : [YES] [NO]

Title of the Paper : \_\_\_\_\_

Membership (if any) \_\_\_\_\_

Date : \_\_\_\_\_

Signature

**Workshop Secretariat :**  
**DEPARTMENT OF CSE / IT / MCA**  
**INSTITUTE OF TECHNICAL EDUCATION & RESEARCH**  
(Faculty of Engineering)

**Siksha 'O' Anusandhan University**

(U/S – 3 of the UGC Act. 1956)  
Jagamara, Khandagiri, Bhubaneswar – 30, Orissa, India  
Tel. No. : 9438361099 / 9437130794