



A THREE DAY WORKSHOP  
ON  
**ADVANCED COMPUTER ARCHITECTURE**

November 11<sup>th</sup> to 13<sup>th</sup> 2006

*Convener*

**Mr. Bhagwat Prasad Chaudhury**  
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*Organized by*

Dept. of Computer Sc. & Engineering  
**Silicon Institute of Technology**  
Silicon Hills, Bhubaneswar-24  
Ph. No.: (0674) 2725448 / 649  
Website : [www.silicon.ac.in](http://www.silicon.ac.in)

*In collaboration with*  
**Orissa Information Technology Society (OITS)**

## **Introduction**

“The best way to acquire knowledge is to share it” Silicon Institute of Technology (SIT) along with Orissa Information Technology Society (OITS) is organizing a 3days workshop on “**Advanced Computer Architecture**” to keep pace with rapidly changing global scenario of software industry.

## **Objective**

- To augment the knowledge of teachers on the subject.
- To enable faculties for pursuing research and development activities in this field.

## **Topics to be covered**

- Input-Output organization
- Architectural classification of parallel processing
- Pipelining
- Array processors
- Multiprocessor

## **Resource Persons**

1. **Prof. (Dr.) Aurobinda Routray**, IIT, Kharagpur
2. **Prof. Biswajit Sahoo**, KIIT, Deemed University, Bhubaneswar.
3. **Prof. A. K. Das**, CITE, Bhubaneswar.
4. **Prof. Amiya Rath**, KEC, Bhubaneswar.

*Some more resource persons are expected to join.*

## **Who can Participate**

- Faculty members teaching / intending to teach architecture.
- Researchers intending to work in the field of architecture.

## **Registration details**

Registration is mandatory for participation.

- **Registration fees :** Rs. 1,000/- per participant.
- **Mode of payment :** Cash / DD in favour of “Silicon Institute of Technology” payable at Bhubaneswar.
- **Address for Remittance :** The Convener, Advanced Architecture Workshop, Silicon Institute of Technology, silicon Hills, Patia, Bhubaneswar.

## **Venue**

Silicon Campus, Patia, Bhubaneswar-751024.

Ph. No.: (0674) 2725448 / 649

## **About Silicon**

Silicon marked its presence in the field of technical education with a difference. The campus is situated in a beautiful, landscaped green stretch of land at the footsteps of Silicon Hills in Patia. Silicon facilitates a teaching learning process where education is revered and rewarded.

## **About OITS**

Orissa Information Technology Society (**OITS**) 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 proved its substance by organizing many workshops and other development programs in the field.

## **Advisory Committee**

- **Prof. B. Patnaik**, Director Academics, Silicon Institute of Technology.
- **Prof. S. Padhy**, President, OITS
- **Prof. A. K. Nayak**, HOD, CSEA Dept., Silicon Institute of Technology

## **Arrangements**

- Lodging and Boarding shall be available for the participants on prior information to the co-ordinator.
- Transport facility for the participants shall be available from city centers to the campus.

## **PROGRAMME SCHEUDLE**

### **Day 1 (11.11.2006)**

09.00 - 10:00 am	Registration and Inauguration
10.00 - 10:15 am	Tea Break
10:15 - 12:15 pm	Lecture I (Module-I)
12:15 - 01:15 pm	Lecture II (Module-II)
01:15 - 02:15 pm	Lunch Break
02:15 - 04:15 pm	Lecture III (Module-I)
4:15 - 4:30 pm	High Tea
4:30 – 5:30 pm	Lecture IV (Module –II)

### **Day 2 (12.11.2006)**

09:00 - 11:00 am	Lecture V (Module-III)
11:00 - 11:15 am	Tea Break
11:15 - 01:15 pm	Lecture VI (Module-II)
01:15 - 02:15 pm	Luch Break
02:15 - 04:15 pm	Lecture VII (Module-IV)
04:15 – 04:30 pm	High Tea
04:30 – 05:30 pm	Lecture VIII (Module-II)

**Day 3 (13.11.2006)**

09:00 - 11:00 am	Lecture IX (Module-IV)
11:00 - 11:15 am	Tea Break
11:15 - 01:15 pm	Lecture X (Module-III)
01:15 - 02:15 pm	Lunch Break
02:15 - 04:15 pm	Lecture XI (Module-IV)
04:15 – 04:30 pm	High Tea
04:30 – 05:30 pm	Lecture XII (Module-III)
05:30 onwards	Valediction

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**REGISTRATION FORM****THREE DAYS WORKSHOP ON “ADVANCED COMPUTER ARCHITECTURE”**

Please register the following participant(s)

Name & Designation: 1. \_\_\_\_\_  
                                  2. \_\_\_\_\_  
                                  3. \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone No: \_\_\_\_\_ Mobile : \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Enclosed DD for Rs..... in favour of **Silicon Institute of Technology payable at Bhubaneswar**, towards attending workshop.

DD No. \_\_\_\_\_ dt. \_\_\_\_\_

Drawn on \_\_\_\_\_ for Rs. \_\_\_\_\_

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