

Registration Form

Short-Term Course on **ARTIFICIAL INTELLIGENCE**

(December 08-14, 2008)

Name:

Designation:

Specialization:

Educational Qualification:

Experience (in years):

Organization:

Mailing Address:

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Phone:

Fax:

Email:

Details of Registration Fee.....

Amount in Rs.

DD/Cheque No. Dated:

For Rupees on Bank

Accommodation: required / not required

Date: Signature of Participant

May detach and send

Important

- The completed registration form along with the fee should reach the coordinator on or before 02.12.2008 (Tuesday).
- We will confirm your participation by 04.12.2008 (Thursday).
- Please visit our website www.dimatindia.com for further information and downloading registration form.

Contact

Prof. Priti Tuli (Incharge - Deptt. of CSE)

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Department of Computer Science and Engineering

DISHA INSTITUTE OF MANAGEMENT AND TECHNOLOGY

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Short-Term Course on

ARTIFICIAL INTELLIGENCE

December 08 – 13, 2008

(Monday to Saturday)



Organized by



Department of Computer Science & Engineering

**DISHA INSTITUTE
OF MANAGEMENT AND TECHNOLOGY
RAIPUR**

Course Overview

In the 21st century, AI has become highly specialized and technical. It is divided into subfields that often fail to communicate with each other. Subfields have grown up around particular institutions and the work of particular researchers (as it is common in any emerging field). Subfields have also grown around particular problems and are characterized by long standing difference of opinion about how AI should be implemented and about the application of widely differing tools.

Artificial Intelligence (AI) is the key technology in many of today's novel applications, ranging from banking systems that detect attempted credit card fraud, to telephone systems that understand speech, to software systems that notice when you're having problems and offer appropriate advice.

Objective

The primary objective of this short term course is to provide an introduction of the basic principles followed by the techniques & application of AI, which will enrich AI education at the U.G. level.

It also provides the platform for the participants to develop some familiarity with current research problems & methods.

Course Content

- Search Techniques
- Knowledge Representation
- Inference rule & theorem proving
- Structured Knowledge Representation :
Semantic Net - slots
- Fuzzy Logic, Fuzzy function & Fuzzy measure
- Non monotonic reasoning
- Supervised & Unsupervised learning

- Learning using Neural Networks
- Natural Language Processing(NLP) & Planning
- Expert Systems
- AI languages

Resource Person

Prof. K. K. Biswas of IIT Delhi, who is well known in the fields of Artificial Intelligence & Computer Vision, will be presenting the course. He has more than 35 years of teaching experience at renowned Institute, like IIT Delhi, University of Auckland, New Zealand & University of Cental Florida, Logos. He has supervised more than 15 Ph.D. theses & over 50 M.Tech. theses. Prof. Biswas is member of Editorial Board of Springer-Verlag.

About DIMAT

The workshop will be organized at Disha Institute of Management And Technology (DIMAT), located in Raipur, the capital of Chhattisgarh. The Institute functions under the aegis of the Disha Education Society (ISO 9001-2000 certified). DIMAT is approved by AICTE, Ministry of HRD, New Delhi and is affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai(C.G.). It offers BE, MBA and MCA programs. The campus is lush green and situated 18 km away from the hustle bustle of the city and just 6 km from the Chhattisgarh State Assembly.



Department of Computer Science & Engineering

The Department of Computer Science & Engineering has been functioning as a full-fledged department since the inception of the institute, catering primarily to the education at undergraduate and postgraduate levels. The department has well equipped laboratories in all the areas. The broad range of courses, spanning all aspects of computer science and engineering, making the students well prepared for the challenges of the fast growing industry.

Participants

Engineers (particularly teachers) & students are invited to take advantage of this opportunity.

Registration Fee

Registration fee (including course material & lunch) for the faculty members & students of AICTE approved institutions is Rs.1500/- for others it is Rs.3000/-

They should send completed registration form to the coordinators on or before 2nd-December,2008 along with the demand draft/local cheque drawn in favour of "Disha Institute of Management And Technology, Raipur" payable at SBI, Raipur for confirmation of participation in the course.