

NATIONAL CONFERENCE

ON

Bioinformatics Computing
NCBC'05
(March 18-19 2005)



Convener
Deepak Garg
Amardeep Singh

ORGANISED BY

**Computer Science & Engineering
Department**

**THAPAR INSTITUTE OF ENGINEERING
AND TECHNOLOGY
(Deemed University)
Patiala (Pb) – 147004**

OBJECTIVES

NCBC'05 is a multidisciplinary conference that brings together scientists from computer science, molecular biology, mathematics, and other fields on single platform. Its objectives and scopes include the development and application of advanced computational methods for biological problems. The event addresses the latest research in these fields. It will be a great opportunity for scientists, engineers, researchers, teachers and students to exchange and share their experiences, new ideas, and research results about all aspects in related fields. This gathering will be first of its kind in India that will usher in a new era in the field of bioinformatics computing.

THEMES

The conference will cover, but not be limited to the following topics

- ❖ Bioinformatics tools and applications
- ❖ Basic Local Alignment Search Tool
- ❖ Bioinformatics Algorithms
- ❖ DNA Sequences and string Algorithms
- ❖ Data Mining and Algorithms
- ❖ Evolutionary computing
- ❖ Soft computing
- ❖ Quantum Computing
- ❖ DNA Computing
- ❖ Molecular Computing
- ❖ Data Warehousing and Knowledge Discovery
- ❖ Pattern recognition and image processing
- ❖ Neural and Fuzzy networks
- ❖ Genetic Algorithms
- ❖ Hybrid and integrated intelligent systems

AUTHOR'S SCHEDULE

Extended Abstract Due: 15 December 2004
Abstract Acceptance Due : 25 December 2004
Full-length paper submission Due

20 January 2005

Paper Acceptance: 05 February 2005

Camera Ready: 15 February 2005

Tutorials and Industrial Presentations Due :

February 15,2005

Last date of Registration for attending the
conference: 25 February 2005.

Selected papers will be published, in the
conference proceedings only after receiving the
registration fee.

VENUE OF THE CONFERENCE

The conference is being organized by Computer Science & Engineering Department of Thapar Institute of Engineering and Technology (TIET), Patiala which was established in 1956. TIET is a premier institute of technical education in India and is known for its excellence in teaching and research. It enjoys the status of a Deemed University and runs academic programmes from undergraduate to Doctoral level in all the major fields of Science and Engineering. It is NBA & NAAC accredited & ISO 9001 certified. TIET is a part of 250 acre lush green Thapar Technology Campus (TTC) that also houses the Thapar Centre for Industrial Research and Development (TCIRD) and Thapar Polytechnic (TP).

The princely township of Patiala is refreshingly quiet with opulent lush green cover dotting its entire landscape. March is moderately cool & the weather is pleasant.

Patiala is well connected by Road and Rail with New Delhi (4 hours) and surrounding locales like Chandigarh (1 hour), Amritsar (4 hours) Shimla (5 hours) and Ambala (1hour). The nearest Airports are at Chandigarh, Amritsar and New Delhi.

CALL FOR PAPERS

Authors are invited to send one copy of extended abstract of the paper. Experts will review the abstract and the selected authors will be asked to submit full length paper as per following specifications.

Paper Size : A4, maximum six pages with one side print

Paper Title : Times 14-pt bold, centered, leave two blank lines after the title

Author Names : beneath the title; Times 12-pt, not bold. Multiple authors may be shown in a two- or three-column format with their affiliations below their respective names.

Author address/Affiliations/email : centered below each author name, italicized 11-pt, not bold. leave two blank lines before main text.

Abstract (the Word) Times 12-pt bold , centered relative to the column, initially capitalized,

Abstract text : italic 10-pt not bold, single-spaced , fully-justified , Max 150 words

keywords : Max 8 keywords, Times 10 Pt not bold **Heading (1st)**: Times 12-pt bold, initially capitalized, left justified, with one blank line before, and one blank line after. Use a period (".") after the heading number, not a colon

Heading 2nd : same as heading 1st except Times 11 pt

Text : 10-pt Times, single-spaced,fully justified,All text must be in a two-column format. Columns are to be 3-1/4 inches (8.25 cm) wide, with a 5/16 inch (0.8 cm) space between them.

Figures and tables must be numbered separately. e.g. "Figure 1. Database contexts", "Table 1. Input data". Figure captions are to be below the figures. Table titles are to be centered above the tables

References: 9-pt Times, single-spaced in alphabetical order e.g. [1] A.B. Smith, C.D. Jones, and E.F. Roberts, "Article Title", Journal, Publisher, Location, Date, pp. 1-10.

All graphics,illustrations,pictures should be part of the running text. No footnotes,headers or colored images are allowed

REGISTRATION FEE

Students 1000/-
Others 1500/-

The registration fee is to be paid through demand draft drawn in favor of *NCBC'05* payable at State Bank of Patiala TIET Branch, Patiala.

Registration fee includes the following:
Conference kit,Copy of Proceedings,
Meals and refreshments.

ACCOMMODATION

Limited accommodation will be arranged for the delegates in the institute at a rate of 100/- per night. However, accommodation in hotels, guest house may be booked on request, against an advance booking amount sent. Hotels are located within 2 kms from the venue. The tariff range is from Rs. 500/- to 1000/-. Please Plan Your travel keeping in view the conference schedule.

REGISTRATION FORM

Name:

Designation:

Organisation /Institute/ University:

.....

Address for Correspondence:

.....

.....

Phone:

Email:

Title of the Paper:

Please tick in the appropriate box:

- I plan to attend the conference
 I intend to present a paper at the conference

Accommodation details (Y/N)

Arrival Date

Departure Date

Demand Draft No.

Issuing BankAmount Rs.....

Date:Signature

- ❖ Xerox or printed copies of the form can be used.

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This conference will provide a platform to industries/institutions to advertise their products/services. Being identified as a highly reputed industry institution, it is our great pleasure to invite you to join hands with us by providing sponsorship to meet the goal of this event. Due recognition will be given to such support, besides the following concessions:

Platinum Sponsor: Rs. 75,000/-

Six delegates without registration fee + Three stalls for exhibition+ Two pages advertisement in the conference proceedings+ Advertisement material to be put in the kit.

Gold Sponsor: Rs. 50,000/-

Four delegates without registration fee + Two stalls for exhibition+ Full page advertisement in the conference proceedings+ Advertisement material to be put in the kit.

Silver Sponsor: Rs. 25,000/-

Two delegates without registration fee + One stalls for exhibition+ Half page advertisement in the conference proceedings+ Advertisement material to be put in the kit.

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Conference proceedings will provide an opportunity for advertisements, for which the rates are as follows:

Back cover	Rs. 12,000/-
Inside full page	Rs. 6,000/-
Inside half cover	Rs. 4,000/-

Exhibition or sale of Equipments/Softwares/ Books/ other items

Per Stall Rs. 4,000/-

The request must reach the convener by January 30, 2005. payments should be made through a demand draft in favor of **NCBC'05** payable at State Bank of Patiala, TIET Branch, Patiala

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