



ISTE-AICTE Sponsored one week  
Short Term Training Program  
on  
Latest Advances in Algorithm Analysis and  
Design

June 09,2008 to June 13, 2008

Coordinator  
Dr. Deepak Garg  
Assistant Professor



Organized by: -

Computer Science and Engineering Department  
Thapar University, Patiala-147004

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Thapar University (TU), Patiala is a premier institute of learning in India and is known for its excellence in teaching and research. It enjoys the status of a Deemed University. Thapar University, established in 1956, is committed for over half a century to creation, archiving and dissemination of knowledge in Engineering, Science and Technology for service to humanity. TU offers PhD, 20 PG and 9 UG degree program in Engineering and Science. We offer a great work environment imbued in research and scholarship; extremely talented students; pristine campus of 250 acres with world-class infrastructure. The Computer Science and Engineering Department is NBA, NAAC and ISO certified and has collaborations with IBM, SUN, Infosys, Microsoft and Intel for education and research. Department is running ME (Computer Science), ME (Software Engineering), PhD apart from UG program. The princely city of Patiala is refreshingly quiet with opulent lush green cover dotting its entire landscape. 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 (1 hour). The nearest airports are Chandigarh, Amritsar and Delhi.

# ISTE-AICTE Sponsored 1-week Short Term Training

on

## Latest Advances in Algorithm Analysis and Design

June 09, 2008(Monday) to June 13, 2008(Friday)

### Objective and details of the course

Research in the field of Algorithms is reaching new frontiers. Algorithms are at the core of any computer software. Due to increase in heterogeneity, size and complexity of the problems the need of efficient algorithms is increasing in all areas of applications.

The objective of the program is to update and enhance the knowledge in the field of algorithms. It will also give an insight into the latest developments in the field of algorithms. This will also help participants to learn about the latest research going on in the field of algorithms and also the new teaching methodologies that can be used to teach the subject.

Program will cover data structures, algorithm analysis techniques, algorithm design techniques, intelligent algorithms, approximation algorithms and other latest developments in the area of algorithms. The Program will be inclusive and exhaustive. Course will have experts from the field of algorithms to have a deep look at specific topics.

### Eligibility/TA/DA/Boarding/Lodging

Teachers/Scientists working in AICTE/UGC/Govt. of India approved institutes or organizations are eligible to apply. Participants from Industry are also welcome.

Boarding & Lodging will be arranged free of cost in the newly constructed PG hostel having all the basic facilities. All the candidates will be entitled for the 2<sup>nd</sup> Class train/bus fare of the shortest route on production of actual tickets. The candidates who wish to travel in the higher class will be paid the 2<sup>nd</sup> class fair and they may get the difference fair from their parent institutions.

### Registration

The last date of registration is 20<sup>th</sup> May 2008.

### About the Coordinator



Dr. Deepak Garg has done his Ph.D. in the area of efficient algorithm design. He is certified on various technologies from Sun, IBM and Brain bench. He is Senior Member of IEEE and is Executive Member of IEEE Delhi Section. He is Life Member of ISTE, CSI, IETE, ISC, British Computer Society and ACM. He is also serving at different levels in popular social and spiritual organizations. He has taught many core subjects at graduate and undergraduate levels and is guiding PhD students.

He has handled research projects from Govt and Private entities and organized two national conferences. He has successfully organized 12 short-term courses on latest technologies including UGC and DBT sponsored Programs.

He has 38 publications in good International Journals and conferences. He is President of Creative Computer Society and Coordinator of Industry collaborations in the University. He has served in various committees and has been a member of Senate of Thapar University. He has 15 years of teaching/research/development experience that includes working in IBM Corporation, USA. He has edited two books and is on the editorial board of an International Journal. He provides consultancy in the area of software development, research projects and technical education. For expert lectures, consultancy details or any other assignments mail at [deepakgarg@ieee.org](mailto:deepakgarg@ieee.org)

## Registration Form

ISTE-AICTE Short Term Training Programme on  
Latest Advances in Algorithms Analysis and Design

June 09,08(Monday) to June 13, 08 (Friday)

Name: .....

Designation & Qualification:.....

Organization/Institute/University .....

Address for Correspondence.....

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Phone (Mobile).....

Email.....

Sex & Age .....

Accommodation Required (Y/N).....

Arrival/departure details.....

Demand Draft No.....

Issuing Bank ..... Amount.....

Date.....Signature of the candidate.....

Any specific preferences regarding boarding/lodging.....

(Kindly attach your brief CV with the registration form)

Advance copy of the form can be sent by email at [deepakgarg@ieee.org](mailto:deepakgarg@ieee.org)

The applicant will be relieved for the period if selected for the above course. The candidate is suitable to attend the course. The Candidate will abide by the rules and regulations governing the short term training program and will attend with full sincerity.

Date..... Signature and seal of the Principal/Director/VC

The Registration form along with the draft should reach to:

Dr. Deepak Garg,

Computer Science and Engineering Department

Thapar University, Patiala-147004