

## Organizing Committee

### Patron

Shri Narayan Das Agrawal  
*Chairman, GLA Group of Institutions*

### Chairperson

Prof.(Dr) Jai Prakash  
*Director General, GLA Group of Institutions*

### Advisor

Shri Vivek Agrawal  
*Secretary, GLA Group of Institutions*

### Facilitator

Prof. (Dr) Anil Kumar Gupta  
*Director, GLAITM, Mathura*

### Convener

Prof. (Dr) Charul Bhatnagar  
*Head, Dept. of Computer Science*

### Co-Convener

Diwakar Bhardwaj  
*Reader, Dept. of Computer Science*

Dilip Kumar Sharma  
*Reader, Dept. of Computer Science*

### Coordination Committee

Prof.(Dr) Raj Kumar  
Ashish Sharma  
Neeraj Kumar  
Ashish Sharma (MCA)  
Manoj Kumar  
Anant Ram  
Rajesh Tiwari  
Nitin Tyagi  
Rohit Agrawal  
K.G. Sharma  
Shashi Shekhar  
Neeraj Gupta  
Deepak Mangal  
Mayank Srivastava  
Neeraj Varshney  
Narendra Mohan

## REGISTRATION DETAILS

Corporate Participants	Rs. 2500/-
Academicians	Rs. 1500/-
Students	Rs. 500/-

The registration fee includes delegate kit, refreshments, working lunch & dinner.

For outstation participants, accommodation can be arranged in the institute campus. On prior intimation, it can also be arranged in hotels of Mathura (on self support basis).

The fee should be sent through Demand Draft drawn in favor of "GLA Institute of Technology & Management, Mathura" payable at Vrindavan.

### Important Dates:

Last Date of Registration : Feb 08, 2010

Workshop Dates: : Feb 13-14, 2010

## CONTACT PERSONS

*For any queries, please contact:*

### Diwakar Bhardwaj

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### Dilip Kumar Sharma

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# GLA

## Group of Institutions

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# National Workshop on "THEORY OF COMPUTATION"

February 13-14, 2010

*Organized by*

**Department of Computer Science**

# GLA

**Group of Institutions  
MATHURA**



## ABOUT THE GLA GROUP

A landmark at Mathura, GLA Group of Institutions recognizes the potential of its students and enables them to grow and evolve into successful professionals. It achieves this through its state-of-the-art infrastructure, picturesque and inspiring settings and a devoted team of faculty members and administrators. The learning ambience at all the Institutions of the Group is perfectly suited to all-round growth and academic excellence.

Located on Delhi-Mathura National Highway No. 2, the group of institution is spread over an area of more than 70 acres. The group started its march towards excellence with the establishment of GLA Institute of Technology & Management (GLAITM), followed by GLA Institute of Pharmaceutical Research (GLAIPR), GLA Institute of Professional Studies (GLAIPS) and GLA Institute of Business Management (GLAIBM) for imparting quality at undergraduate and postgraduate levels.

Ten years of rigorous pursuits for excellence enabled the group to add a new institute, by the name Ganeshi Lal Narayan Das Institute of Technology (GLNAIT) in the year 2008. Although still a nascent endeavor, the journey has a destination of premiership in education.

## MATHURA - THE SACRED LAND



The birth place of Lord Krishna, Mathura is located 145 Km south east of Delhi & 58 Km from Agra. Held in sanctity by Hindus, Buddhist & Jain faiths, it has a long & chequered history. The great school of sculpture, known as Mathura School of Art, flourished here for 1200 yrs. The city is dotted with thousands of temples, the prominent ones being – Janambhumi, Dwarkadhish, Bhuteshwar, Gita mandir, Gokarneshwar, Rangeshwar Mahadev etc. Other places of interest around Mathura are Vrindavan, Gokul, Barsana & Goverdhan.



Mankind, since its beginning, has been hunting for efficient and cost effective solutions for the problems which it has faced from time to time. For this, it has been developing models and working on them to solve the problems.

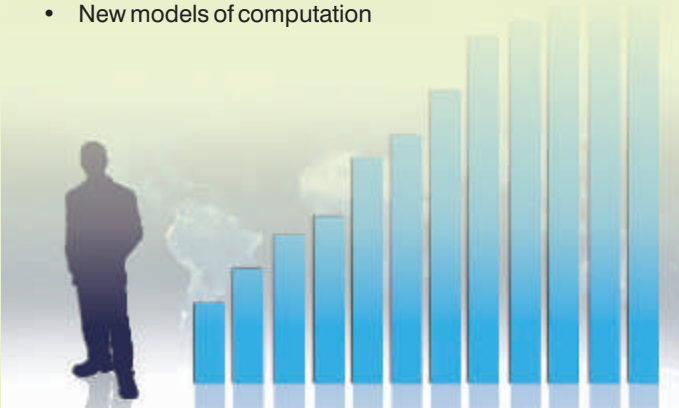
The purpose of this two day workshop will be to bring together members of the academic, research, and industrial communities, who have an interest in the theory, implementation, and application of automata and related structures.

## RESOURCE PERSONS

- Prof. Naveen Garg, IIT Delhi
- Prof. K.V. Arya, ABV-IIIT, Gwalior
- Prof. Maya Ingle, Indore Instt. of Comp. Appl., Indore
- Prof. Ekram Khan, AMU, Aligarh

## TOPICS TO BE DISCUSSED

- Grammars, acceptors and transducers for words, trees and graphs
- Algebraic theories of automata
- Decidability questions
- Image manipulation and compression
- Efficient text algorithms
- Relationships between formal language theory and cryptography, concurrency, complexity theory and logic
- New models of computation



# National Workshop on "THEORY OF COMPUTATION"

February 13-14, 2010

## Registration Form

Name \_\_\_\_\_  
(Block Letters)

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_ (Mob.) \_\_\_\_\_

E-mail \_\_\_\_\_

Accommodation required Yes / No  
If yes then:  
Institution guest House / Hotel

Bank DD No. \_\_\_\_\_

Dated \_\_\_\_\_ For Rs. \_\_\_\_\_

Signature \_\_\_\_\_

Note: photocopies of the form may be used for multiple registrations.