

### CHIEF PATRON

**Dr. Mridul Hazarika**, *Honorable Vice Chancellor, Gauhati University.*

### PATRON

**Prof. Hari Prasad Sarma**, *Rector, Gauhati University.*  
**Dr. Arup Kumar Misra**, *Director, ASTEC, Assam*

### ADVISORY COMMITTEE

**Prof. Malay Dutta**, *Tezpur University*  
**Prof. Sukumar Nandi**, *IIT Guwahati*  
**Dr. Ranjit Kr. Barman**, *ASTEC, Assam*  
**Prof. Pranayee Datta Dastidar**, *Gauhati University*  
**Prof. Moushumi Barooah George**, *A.E.C*  
**Prof. Tulshi Bezboruah**, *Gauhati University*

### ORGANIZING COMMITTEE

#### CHAIRPERSON

**Prof. Anjana Kakoti Mahanta**,  
*HOD, Dept of CS. and Dean, Faculty of Technology, G.U.*

#### CONVENERS

**Dr. Sanjib. Kr. Kalita**, *Dept of CS, Gauhati University*  
**Dr. Abhijit Sarma**, *Dept. of CS, Gauhati University*

#### CO-ORDINATORS

**Mr. Dwipen Laskar**, *Dept of CS, Gauhati University*  
**Mr. Naba Jyoti Sarmah**, *Dept of CS, Gauhati University*

#### TECHNICAL COMMITTEE

**Dulumoni Das**, *Dept. of CS, G.U.*  
**Dhrubajyoti Borah**, *Dept. of CS, G.U.*  
**Bidyut Dutta**, *Dept. of CS, G.U.*

#### FACULTY MEMBERS

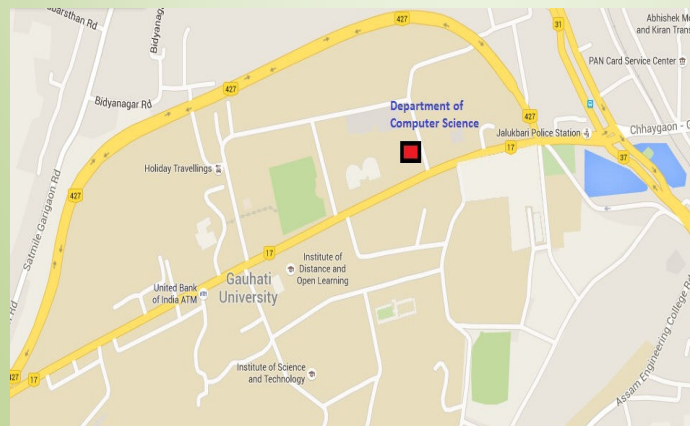
**Dr. Dwiraj Talukdar**, *Dept. of CS, G.U.*  
**Irani Hazarika**, *Dept. of CS, G.U.*  
**Farha Naznin**, *Dept. of CS, G.U.*  
**Puspakshi Sarma**, *Dept. of CS, G.U.*  
**Surajit Medhi**, *Dept. of CS, GU*  
**Dolly Sarma**, *Dept. of CS, G.U.*

#### STUDENT MEMBERS:

**Debojit Deka**, **Pinki Pathak**, **Pallab Jyoti Mahanta**,  
**Sanchay Sinha**, **Anindita Mahanta**

### RESOURCE PERSONS

- 1. Prof. Gautam Baruah**  
Director, IIIT Guwahati
- 2. Prof. Malay Dutta**  
Department of CSE, Tezpur University
- 3. Prof. Sukumar Nandi**  
Department of CSE, IIT Guwahati
- 4. Prof. Dhruba K. Bhattacharyya**  
Department of CSE, Tezpur University
- 5. Prof. Shyamanta M. Hazarika**  
Department of CSE, Tezpur University
- 6. Prof. Utpal Sharma**  
Department of CSE, Tezpur University
- 7. Prof. Pradip Kr. Das**  
Department of CSE, IIT Guwahati
- 8. Dr. Santosh Biswas**  
Department of CSE, IIT Guwahati
- 9. Dr. Sanasam Ranbir Singh**  
Department of CSE, IIT Guwahati



**Map: Department of Computer Science, GU**

## Workshop on Emerging Trends and Technologies in Computer Science

4<sup>th</sup> -10<sup>th</sup> January, 2016

*Organized by*  
**Department of Computer Science,  
Gauhati University**



*In association with*  
**Assam Science Technology and  
Environment Council**



#### Conveners

**Dr. SANJIB KR. KALITA**  
**Dr. ABHIJIT SARMA**

#### Co-ordinators

**DWIPEN LASKAR**  
**NABA JYOTI SARMAH**

#### Venue

**Department of Computer Science,  
Gauhati University, Jalukbari,  
Guwahati-781014**

Phone: (+91) 361-2571138  
E-mail: [computer@gauhati.ac.in](mailto:computer@gauhati.ac.in)  
Web: [gauhati.ac.in](http://gauhati.ac.in)

### ABOUT THE UNIVERSITY:

Gauhati University was established in 1948 and since its inception it continues to be a leading teaching and research institution of NE India. The University has state-of-the-art architecture with several multidisciplinary Departments. It has an Institute for Distance and Open Learning (IDOL), an Institute of Science and Technology and a constituent Law College in the main campus apart from 326 affiliated Colleges/Institutes.

### ABOUT THE DEPARTMENT:

The department of Computer Science, Gauhati University was established in the year 1985. The department is presently offering two year M.Sc.(CS) and M.Sc.(IT) courses along with Ph.D. in the fields of Computer Networks, Data Mining, Image Processing and Speech Processing. The department has successfully completed a number of DeitY and UGC sponsored projects.

### LOCATION:

The University is located at Gopinath Bordoloi Nagar, Jalukbari about 10 kms from the LGB International Airport and 5 kms from Kamakhya Railway Station.

### ACCOMMODATION:

Limited seats are available at GU guest house on first come first serve basis. A nominal fee has to be paid by the participants separately for accommodation. Participants are advised to contact as early as possible.

### REGISTRATION PROCESS:

- ❖ Registration form can be downloaded from the GU website. (<http://gauhati.ac.in/news-and-events.php>)
- ❖ Selection will be done on *First Come First Serve* basis
- ❖ Selected participants will have to pay a Registration fee of Rs. 1000 in the form of Demand Draft, drawn in **favour of Regitrar, Gauhati University payable at SBI, GU.**
- ❖ *Registration form* can be submitted either by Post or by E-mail only.
- ❖ *Scanned Copy* of Registration form is also accepted.
- ❖ **Original DD** can also be submitted on the date of registration.

### IMPORTANT DATES:

Last date for receiving Registration forms (Without DD) either by Post or by E-mail.	26/12/2015
Publication of Shorted List of participants in GU website/Departmental Notice board.	28/12/2015
Confirmation of participation by the Shortlisted persons is to be done by sending <b>scanned/photocopy/original copy</b> of DD by Post or by e-mail	31/12/2015

**Email Address:** [nabajyoti2006@gmail.com](mailto:nabajyoti2006@gmail.com)

### Postal Address:

HOD, Department. Of Computer Science  
Gopinath Bordoloi Nagar, Jalukbari, Guwahati-781014

### WHO SHOULD ATTEND?

Faculty members, Doctoral candidates, B.E./B. Tech. /M.E./ M. Tech. /M. Sc./ M.C.A/ B.C.A/ B.Sc. students with basic knowledge of Computer Science.

### OBJECTIVE:

The objective of the workshop is to give an exposure to the participants to the emerging trends and technologies in Computer Science and Information Technology. They will get an opportunity to share their thoughts and extend their knowledge with the domain experts in various fields of computer science coming from various renowned institutes like IIT's, Universities

### RESOURCE PERSONS:

Resource persons from IIT's, IIIT, Central Universities and the host Institution will handle the sessions.

### HIGHLIGHTING TOPICS:

- ❖ Hard Problems in Computer Applications
- ❖ Big Data Analytics Using Machine Learning Techniques
- ❖ First Order Logics, Sophisticated Knowledge Representation & Reasoning
- ❖ DDoS Attack detection and Prevention.
- ❖ Natural Language Processing, Speech Processing,
- ❖ Wireless Networks
- ❖ Social Network Analysis
- ❖ Testing Issues in Modern VLSI

### CONTACT PERSONS:

**Mr. Dwipen Laskar**, Dept. of CS, GU.

Mob: +919401877191, [laskardwipen@gmail.com](mailto:laskardwipen@gmail.com)

**Mr. Naba Jyoti Sarma**, Dept. of CS, GU.

Mob: +919854503050, [nabajyoti2006@gmail.com](mailto:nabajyoti2006@gmail.com)

### REGISTRATION FORM

## Workshop on Emerging Trends and Technologies in Computer Science

4<sup>th</sup> -10<sup>th</sup> January, 2016

Name :

Sex :  Male  Female  
( Tick ✓ the option)

Category :  Faculty  Student  Others

Institution (If applicable) :

Educational Qualification :

Designation :

Address for Communication :

Pin :

Mobile :

Email-id :

Accommodation Required :  Yes  No

.....  
Signature of participant

.....  
Signature of the HOD/Head of the Institution with Seal

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Institution  
(If applicable) :

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Address for  
Communication :

Pin :

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Email-id :

Accommodation  
Required :  Yes  No

.....  
Signature of the  
participant

.....  
Signature of the HOD/Head of the Institution  
with Seal