

## CHIEF PATRON

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

## PATRON

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**Prof. Pranayee Datta Dastidar**, *Gauhati University*  
**Prof. Tulshi Bezboruah**, *Gauhati University*  
**Dr. Abhijit Sarma**, *Gauhati University*

## ORGANIZING COMMITTEE

### CHAIRPERSON

**Prof. Anjana Kakoti Mahanta**,  
*HOD, Dept of CS., G.U.*

### CONVENER

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

### CO-ORDINATOR

**Mr. Dwipen Laskar**, *Dept of CS, Gauhati University*

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**Bidyut Dutta**, *Dept. of CS, G.U.*  
**Anjan Kumar Das**, *Dept. of CS, G.U.*  
**Dulumoni Das**, *Dept. of CS, G.U.*  
**Dhrubajyoti Borah**, *Dept. of CS, GU*  
**Diganta Kumar Deka**, *Dept. of CS, G.U.*  
**Trishita Mazumdar**, *Dept. of CS, G.U.*

### FACULTY MEMBERS

**Irani Hazarika**, *Dept. of CS, G.U.*  
**Farha Naznin**, *Dept. of CS, G.U..*  
**Surajit Medhi**, *Dept. of CS, GU*  
**Dolly Sarma**, *Dept. of CS, G.U.*  
**Dr. Pranamika Kakoti**, *Dept. of CS, G.U.*

### STUDENT MEMBERS

Afsanoor Islam, Pranjal Kalita, Nibir Barpuzari, Naba Jyoti Das, Diptimoni Narzary, Rashmi Rekha Kalita

## RESOURCE PERSONS

1. Dr. Arindam Guha, NRSC, ISRO, Hyderabad
2. Prof. Dhruba K. Bhattacharyya  
Department of CSE, Tezpur University
3. K. K. Sharma, NESAC, Meghalaya
4. Prof. Anup Saikia  
Department of Geography, GU
5. Dr. Dhruba Saharia  
Department of Geography, GU
6. Dr. Narayan Chetry  
Dept. of Geography, Cotton College
7. Dr. Minakshi Gogoi  
Dept. of CSE, GIMT, Guwahati
8. Bankim Baruah, Expert in RS & GIS
9. Dr. Pranjit Sarma, Mangaldai College
10. Dr Rubul Hazarika, B Barooah College



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

# National Workshop on Remote Sensing and GIS

24<sup>th</sup> -29<sup>th</sup> October, 2016

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



## Convener

Dr. SANJIB KR. KALITA

## Co-ordinator

DWIPEN LASKAR

## Venue

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

E-mail: [sanjib959@gauhati.ac.in](mailto:sanjib959@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 of Science and Technology, an Institute for Distance and Open Learning (IDOL) 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>)
- ❖ Selection will be done on *First Come First Serve* basis (Limited seats)
- ❖ Registration fee is Rs. 2500 for faculty members and Rs. 1500 for students and have to be paid in the form of Demand Draft, drawn **in favour of Registrar, Gauhati University payable at SBI, GU.**
- ❖ *Registration form* can be submitted either by Post or by E-mail only.
- ❖ *Scanned Copy* of Registration form will also be 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.	19/10/2016
Publication of Shorted List of participants in GU website/Departmental Notice board.	21/10/2016
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	22/10/2016
<b>Email Address:</b> <a href="mailto:laskardwipen@gauhati.ac.in">laskardwipen@gauhati.ac.in</a>	
<b>Postal Address:</b> HOD, Department. of Computer Science Gopinath Bordoloi Nagar, Jalukbari, Guwahati-781014	

## WHO SHOULD ATTEND

Faculty members, Doctoral candidates, P.G. students in Comp. Sc/Electronics/Geography/Physics/Environmental Science and relevant areas

## OBJECTIVE

The objective of the workshop is to give an exposure to the participants to the emerging trends and technologies in remote sensing. They will get an opportunity to share their thoughts and extend their knowledge with the domain experts in various fields of remote sensing, coming from various renowned institutes.

## RESOURCE PERSONS

Resource persons from FSI, Central Universities, NRSC, NESAC, Colleges and the host Institution will handle the sessions.

## HIGHLIGHTING TOPICS

- ❖ Principles of Remote Sensing
- ❖ Satellite Platforms and Sensors
- ❖ Properties of Common Earth Surface
- ❖ Satellite Image Interpretation
- ❖ Multi Spectral Image analysis
- ❖ Hyper Spectral Image analysis
- ❖ Remote Sensing & GIS applications
- ❖ Remote Sensing Image analysis using Matlab
- ❖ Digital Image Processing – basic understanding
- ❖ Microwave Remote Sensing
- ❖ Dimensionality Reduction on MS/HS images

## CONTACT PERSONS

**Mr. Dwipen Laskar**, Dept. of CS, GU.  
Mob: +919401877191, [laskardwipen@gmail.com](mailto:laskardwipen@gmail.com)

## REGISTRATION FORM

# National Workshop on Remote Sensing and GIS

24<sup>th</sup> -29<sup>th</sup> October, 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