

**REGISTRATION FORM**  
**UGC SPONSORED NATIONAL SEMINAR**  
**ON**  
**“FUZZY LOGIC AND ITS APPLICATION”**  
**(29<sup>th</sup> and 30<sup>th</sup> January, 2010)**  
**(Last date of Registration: January 20,2010)**



1. Name:.....
2. University/College/Institution:.....
3. Designation:.....
4. Field of Interest:.....
5. Experiences: a)Teaching.....  
b) Research.....
6. Address for Correspondence:.....  
.....  
Telephone no. and e.mail:.....
8. Accommodation required: Yes/No.....
9. Details of registration fee:  
(no. date and bank of D.D.):.....

Place: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of the participant

[N.B. Photocopy of registration form may be used]

**ADDRESS FOR COMMUNICATION**

All correspondence should be addressed to

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Principal & President

Workshop Organizing Committee

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Convener

Workshop Organizing Committee

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**U.G.C. SPONSORED**

**NATIONAL WORKSHOP**

*on*

**FUZZY LOGIC AND ITS APPLICATION**

**29-30 JANUARY, 2010**

*Organised by*

**LAKHIMPUR GIRLS' COLLEGE**

**NORTH LAKHIMPUR**

**IN COLLABORATION WITH**

**ASSAM ACADEMY OF**

**MATHEMATICS,**

**GUWAHATI**

**VENUE:**

**LAKHIMPUR GIRLS' COLLEGE**

**NORTH LAKHIMPUR, ASSAM**

[www.lgcollege.org](http://www.lgcollege.org)

Email:lgcollege72@rediffmail.com

## Invitation

Dear Sir/Madam

Lakhimpur Girls' College is organizing a UGC sponsored national level workshop on "Fuzzy Logic and its Application" in collaboration with Assam Academy of Mathematics, Guwahati on the 29<sup>th</sup> and 30<sup>th</sup> of January, 2010. The organizers cordially invite all interested persons to take active part in the workshop that is expected to herald a new chapter in the learning and teaching of mathematics.

Please make sure that this opportunity is not missed and the efforts of the organizers do not go in vain.

Yours faithfully

Dr. M. Pandit	Mr. U.C. Puzari	Dr. B.K. Saikia
Principal & President	Working President	Convener

### LAKHIMPUR GIRLS' COLLEGE:

Lakhimpur Girls' College has carved a niche as a leading institution of higher education for women in the north bank of the river Brahmaputra in upper Assam. The College is making strenuous efforts to create a congenial atmosphere by imparting modern education in the light of the changing trends of knowledge and social development. Since the days of inception the College has been constantly trying to achieve all round development of the student and teaching community through various teaching and research programmes and thereby ensuring the continuity and advancement of the society.

### WHAT IS FUZZY LOGIC AND WHY A WORKSHOP ON FUZZY LOGIC?

Fuzzy Set Theory, proposed by Prof. L. A. Zadeh, University of California at Berkeley in 1965, is a generalization of classical or crisp sets. Fuzzy set theory deals with concepts and techniques capable of expressing human thought processes that in many ways are imprecise and ambiguous by the standards of classical mathematics and makes it possible to describe vague notions. This theory reflects itself as a multi-dimensional field of enquiry, drawing in and contributing to a wide spectrum of areas ranging from para-mathematical to human perceptions and judgment. Research on Fuzzy Logic has been growing steadily since its inception along with research on a broad variety

of applications of this comparatively new concept into different areas of study.

At the dawn of the new millennium, use of fuzzy logic can be expected in the different fields to know the probable output logically. The main purpose of the workshop is to draw the attention of the fuzzy logic community as well as other communities to interact among themselves. It is hoped that this workshop will provide a unique opportunity for the academicians, researchers and corporate communities of the multi dimension fields to address new challenges, share solutions and discuss research directions for the coming future.

### LIST OF RESOURCE PERSONS:

1. Prof. G.C. Hazarika (Dibrugarh University)
2. Prof. P.K. Das (NERIST)
3. Prof. N.R. Das (Gauhati University)
4. Dr. H. Saikia (Gauhati University)
5. Dr. D. Hazarika (Tezpur University)
6. Dr. T. Ali (Dibrugarh University)
7. Dr. S. Borkotokey (Dibrugarh University)

### WHO CAN PARTICIPATE ?

1. Teachers of H.S. Schools, Colleges, Universities and any other Institutes in Mathematics and Physics.
2. Scientists and Research Scholars in the fields of Mathematics and Physics.
3. M. Sc and B.Sc. Major Students of Mathematics.

### HOW TO REACH NORTH LAKHIMPUR ?

Regular bus services (Night and Day services) are available from all corners of Assam.

Rail services are available from Guwahati, Rangia and Rangapara. Air connectivity is available only from Guwahati and Kolkata.

### REGISTRATION:

Advance postal and e-mail registration is possible. Registration fee of Rs. 200/ (Rs.100/ for student participants) can be paid through D.D. in favour of Principal, Lakhimpur Girls' College, payable at U.B.I. North Lakhimpur. Registration forms unaccompanied by D.D. will be entertained conditionally subject to cash payment at the time of actual registration .

### ACCOMMODATION

A few selected outstation participants will be provided free accommodation for two nights.