

3rd July, 2003. Subsequently, NITD has been given the status of a University by the UGC Act. The institute was declared an Institute of National Importance by the Government of India on August 15, 2007.

#### About the Department

Department of Mathematics started functioning from the year 1960, when the institute was established as R.E. College DGP. Mathematics, being the most basic of sciences and the backbone of all engineering disciplines, the Department started to shape the young engineers, since the inception of the Institute. After the transformation from R.E. College to National Institute of Technology Durgapur, the Department has undergone many changes. At present, with nine faculty members the Department is running two PG Courses – M.Sc. in “Mathematics” & M. Tech. in “Operations Research”. Apart from teaching, faculty members are actively engaged in research. Presently, there are approximately 58 full time and part time research scholars.

#### Important Dates

- November 20, 2017: Submission of extended abstract of maximum size of three pages
- November 25, 2017: Notification of acceptance
- November 28, 2017: Last date of registration

#### Registration Fees

Faculty Member from Academic Institute: Rs. 1,500/-  
Students and Research Scholars: Rs. 700/-  
Persons from Industries: Rs. 3000/-

#### Speakers

Prof. Dijesh Dutta Majumder  
ISI Kolkata  
Prof. Ajoy Kumar Ray  
Director, IEST Shibpur  
Prof. Anupam Basu  
IIT Kharagpur  
Prof. Manoranjan Maiti  
Vidyasagar University  
Prof. Syamal Kumar Samanta  
Visva-Bharati University  
Prof. Mohua Banerjee  
IIT Kanpur

#### REGISTRATION FORM

TEQIP-III Sponsored National Seminar on 'Fuzzy Set Theory and Applications'  
November 30 – December 2, 2017

Dept. of Mathematics, NIT Durgapur, West Bengal, India

Name (in Block letters) :

Designation & Affiliation :

Male/Female :

Mailing Address :

Mobile No :

Email ID :

Registration Fees :

In Words : Rs

Demand Draft No. :

Date :

(DD should be drawn in favour of FSTA 2017, NIT Durgapur, payable at Durgapur.)

Vegetarian / Non-vegetarian :

Presenting a Paper : Yes / No

If presenting a Paper, mention the Paper title :

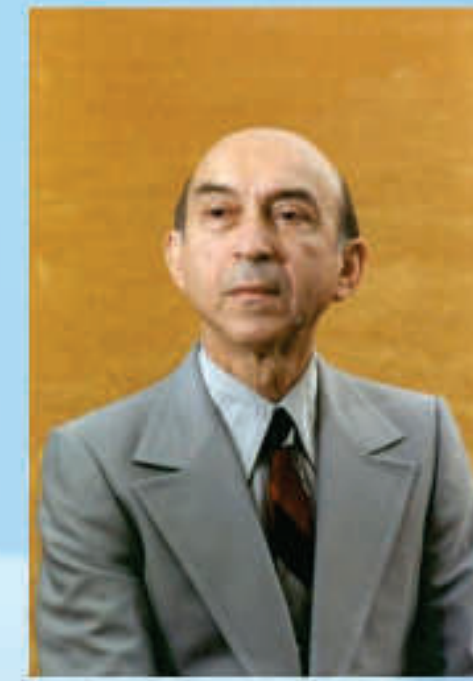
Accommodation required : Yes / No

Signature of the Applicant

Date :

Place :

## Indian Homage to Professor Lotfi A. Zadeh



TEQIP-III Sponsored  
National Seminar  
on  
'Fuzzy Set Theory and  
Applications'

FSTA 2017

30<sup>th</sup> November – 2<sup>nd</sup> December 2017



Organized by:  
Department of Mathematics,  
NIT Durgapur



Venue:  
NIT Durgapur, West Bengal,  
India

#### Organizing Committee

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Jadavpur University

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Dr. Satya Bagchi, NIT Durgapur  
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Dr. Pinaki Majumder  
Maharajahdiraj Uday Chand  
Women's College, Burdwan  
Dr. Susmita Bhattacharya (Halder),  
Tripura University, Agartala  
Dr. Uttam Kumar Bera, NIT  
Agartala

##### Contact Persons

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#### Theme

The aim of this seminar is to bring together researchers (both theoreticians and practitioners) all around the country working on the following topics and related areas. Thus, scientists, engineers, students, and professionals will discuss, exchange ideas, develop collaborations between industry and academia, and spread the most recent advancements in the field. The seminar is intended to be of highly interactive and intensive in nature and will be useful to the budding researchers, faculties, students and industry persons, working in related disciplines. The area of this seminar covers wide spectra of theories and applications. The topics for the seminar include, but not necessarily restricted to the following areas:

#### Theory

- Fuzzy sets
- Fuzzy topology
- Fuzzy logic and systems
- Fuzzy control systems
- Fuzzy dynamical systems
- Fuzzy hybrid systems
- Z-Advanced Numbers
- Fuzzy optimization
- Fuzzy decision making

#### Applications

- Soft and linguistic computations
- Data mining and knowledge discovery
- Computations with words
- Pattern recognition and Image processing
- Financial management
- Industrial management
- Education system
- Infrastructural Development
- Medical Science & Biotechnology
- Agricultural Science
- Supply-Chain, Logistic & Transportation Management
- Financial & Banking Management
- Risk & Safety Management
- Rural Development & Water Resource
- Environmental System

#### Participation in the Seminar

We cordially invite you to be a part of Professor **Lotfi A. Zadeh Memorial Seminar on “Fuzzy Set Theory and its Applications”** to be held in National Institute of Technology Durgapur from 30<sup>th</sup> November to 2<sup>nd</sup> December 2017. We have lost one of the most eminent scientists of the last decades 'Creator of Fuzzy Sets' **Prof. Lotfi A. Zadeh** on 6<sup>th</sup> September 2017.

**Prof. Zadeh** had many great ideas and initiated many important research directions. The best way to remember him is to continue working on implementing his ideas. Any new application, any new improvement, will be a benefiting tribute to **Lotfi Zadeh's** legacy. This seminar is dedicated to his memory.

We have planned a “3-day seminar” which will consist of memorial lectures, keynote address, invited talks and paper presentations.

Faculty Members, Industry Persons, Researchers and Students of related disciplines are encouraged to participate in this seminar. The participants are requested to complete the **registration** procedure as soon as possible (but not later than November 28, 2017).

Interested Participants can also send their paper for presentation in the Seminar through e-mail by mentioning, Seminar Name followed by the word “PAPER”.

E-mail: [fsta2017.nitd@gmail.com](mailto:fsta2017.nitd@gmail.com)

#### About the Institute

National Institute of Technology Durgapur (NITD) is a leading technical institute offering undergraduate, postgraduate and doctoral programmes in various disciplines of engineering, technology, science, social science and management. NITD was established as the Regional Engineering College (REC) in 1960 as a joint venture of the Government of India and the Government of West Bengal. REC Durgapur was converted to the NIT Durgapur under the full administrative and financial control of the Ministry of Human Resource Development, Government of India with a Deemed University status on