

**Chief Patron:**

*Prof. Rajeev Sangal*  
Director, IIT(BHU), Varanasi

**Patrons:**

*Prof. P K Jain, Dean (R&D), IIT(BHU)*  
*Prof. G V S Sastry, Dean (AA), IIT(BHU)*

**Advisory Committee:**

*Prof. Ashok Deshpande, UoP, Pune*  
*Prof. N. R. Pal, ISI, Kolkata*  
*Prof. K. K. Shukla, IIT (BHU)*  
*Prof. Madan Gupta, UoS, Canada*  
*Prof. Valentina E Balas, AVU, Romania*  
*Prof. Elizabeth Chang, USW Australia*  
*Prof. Laszlo Koczy, SZE, Hungary*  
*Prof. Shamim Khan, CSU, USA*  
*Prof. Oskar TIT, Mexico*  
*Prof. T. Som, IIT (BHU), Varanasi*  
*Prof. Swapan Raha, VBU, Bolpur*

**Course Coordinator:**

*Prof. T. Som*

**Conveners:**

*Prof. R. Srivastava & Dr. S. Mukhopadhyay*

**Organizing Committee:**

*Prof. L P Singh, HOD*  
*Dr. S Das*  
*Dr. S K Upadhyay*  
*Dr. Rajeev*  
*Dr. A Gupta*  
*Dr. A Banerjee*  
*Dr. V K Singh*  
*Dr. V S Pandey*  
*Prof. P Ghosh, QIP Cell, IIT(BHU)*  
*Prof. B K Srivastava, Chairman, QIP Cell*

**About the city**

The holy city of Varanasi is known as the city of temples and oriental learning. It is a place of great historical and cultural importance. This religious capital of India is situated on the bank of the holy river Ganges and is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Varanasi is the premiere most place of oriental learning also. Simultaneously it is keeping pace with modern advanced knowledge. The city is reputed for silk fabrics, perfumes, artistic brass and copper wares and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world.

**Route to Varanasi**

The city of Varanasi is well connected by road, rail and air with all the important places of India. Regular flights are there from Varanasi to Delhi, Mumbai, Chennai, Bangalore, Khajuraho and Lucknow. The Indian Institute of Technology Banaras Hindu University campus is only 8 Km from Varanasi Cant and 20Km from Mughalsarai railway station and 35 Km from the airport.

**Accommodation**

Accommodation and local hospitality will be provided to the AICTE college teachers in the institute guest house free of charge and for others on partial charges.

## Short Term Course on Fuzzy Logic with Applications

**(STCFLA – 2017)**

**March 20-25, 2017**



**Organized by**

**Department of Mathematical Sciences  
Indian Institute of Technology  
(Banaras Hindu University)  
Varanasi – 221 005,  
India**

## Short Term Course on Fuzzy Logic with Applications

The Short Term Course on Fuzzy Logic with Applications is scheduled at Dept. of Mathematical Sciences, IIT (Banaras Hindu University), Varanasi during March 20-25, 2017 under the aegis of the QIP cell of Indian Institute of Technology (BHU). This course is aimed at providing an opportunity to young faculty of AICTE approved Engineering Colleges of India to the theoretical aspects and real life practical experience of world level scholars in the field of fuzzy sets and fuzzy logic.

### Objective

The objective of the short term course is to motivate and equip the participants with the basics as well as the recent state-of-art of fuzzy sets, fuzzy logic as well as to expose the young talents with the newer dimensions of the area with their practical approaches to tackle the real life problems in engineering, medical and social sciences & other related disciplines so that the participants can take up various challenges of the present day to day societal problems for their acceptable logical solutions.

### Tentative Speakers

**Prof. A Deshpande, Pune Univ.**  
**Prof. Nikhil R Pal, ISI, Kolkata**  
**Prof. S. Raha, Visva Bharati Univ, Bolpur**  
**Prof. Oscar Castillo, Mexico**  
**Prof. Elizabeth Chang, USW, Australia**  
**Prof. Valentina Balabas, AVU, Romania**  
**Prof. Kóczy T. László, SZE, Hungary**  
**Prof. Madan Gupta, UoS., Canada**  
**Prof. Shamim Khan, CSU, USA**

## About the Department

The Department of Mathematical Sciences, IIT (BHU), Varanasi, earlier known as Applied Mathematics has been functioning since 1968, caters to the needs of the undergraduate as well as post graduate students of the Institute and the five year integrated M. Tech course in Mathematics and Computing of the department. The Department has an encouraging record in research work and guidance with more than 190 Ph.D.s and over 1500 research publications in the journals of national and international repute.

### Contact details

**T Som/Mrs. R Srivastava/Mrs. S Mukhopadhyay**  
**CC/Convener (STCFLA-2017)**  
**Department of Mathematical Sciences**  
**Indian Institute of Technology**  
**(Banaras Hindu University)**  
**Varanasi-221005, India**  
**Cell: +919454053048/9451141269**  
**e-mail: ccstc.fla2017@gmail.com**

### Registration Fee

*Govt Dept.: 6000      Industry/sponsored : Rs.12000*

**Note :** The registration fee to be paid in the form of DD in favor of "The Registrar, IIT(BHU), Varanasi" through any bank and payable at Varanasi. This fee includes a kit containing the study material, souvenir, workshop lunch, tea & snacks. There is no registration fee for teachers of AICTE approved Engg. Colleges, however the selected participants will be required to deposit a seat advance of Rs.1000, which will be returned on successful course attending. Maximum outside participants 30.

**(Last date for submission of completed Registration form to the Course Coordinator, STCFLA : Jan 21, 2017)**

**Invitation to selected participants by Jan 30, 2017.**

## QIP SHORT TERM COURSE ON Fuzzy Logic with Applications March 20-25, 2017 Application Form

1. Name (block letter):
2. Designation & pay scale:
3. Organization:
4. Address for communication:  
Pin code: Ph. No.:  
Fax No. E-mail:
5. Highest Academic Qualification:
6. Specialization:
7. Experience (in years):  
(a) Teaching: (b) Industrial:
8. Amount of TA required as per entitlement mentioned in the brochure (only for AICTE approved college teachers):

Please register me for the course on Title of the STC to be held at IIT (BHU) Varanasi.

Place:

Date:                      Signature of the applicant

### SPONSORSHIP

Prof./Dr./Mr./Ms./Mrs./\_\_\_\_\_ is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the "Short Term Course on Fuzzy Logic with Applications" at IIT (BHU) Varanasi during date of STC, if selected.

Date:                      Signature of Sponsoring Authority  
Designation:                      Official Seal

### For applicants from Industries and Government Departments:

DD No.                      Amount:                      Date:  
Bank:

Signature of the Applicant