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Organizing Chairman

Dr. M. S. Gaikwad, Principal, SIT, Lonavala

Advisory Committee

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Mr. V. V. Deotare, HOD, E & TC Dept., SIT, Lonavala

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Mr. P.R. Dike

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Mrs. P.A. Pathade

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Mr. S.A. Bhad

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Mr. P. C. Latane

Mr. M. S. Raut

Mrs. P. S. Mhetre

Mr. A. P. Nagime

Ms. N. B. Shitole

Mr. N. S. Nalawade

Ms. S. R. Kharabe

Ms. P. Niranjane

Registration Fee Particulars:

Research Scholars/PG Students : ₹ 1000/-

Industry Delegates : ₹ 1500/-

Send your filled registration form for confirmation through email (sitetc.fuzzy@gmail.com). The registration fees can be paid in cash/DD/ Pay order drawn on in favor of "Principal, Sinhgad Institute of Technology, Lonavala. Payable at Lonavala or you can pay at the time of registration.

Note: Registrations are limited to 30 participants only and will be considered on first come first bases.

Who should attend?

Scientists, Faculty, Doctoral candidates, and the students from Master of Engineering and any other branch students from various disciplines including medical sciences

Accommodation:

External participants will be provided lodging and boarding in college campus at normal rates (₹ 200/per day) provided that they should intimate the coordinators about it or must be mentioned in registration form.



REGISTRATION FORM

One Week Faculty Development Program

On

“Foundation of Fuzzy Set and Fuzzy Logic with Applications” (October 4 – 8, 2016)

Name:

Designation:

Department:

Institute/ organization:

Correspondence Address:

Mobile No. :

Email ID:

Accommodation needed: Yes/No

DD No. : Amount:

Date:

Bank name:

Signature of
Participant

Signature & seal
Head of the Institution

Address for Correspondence
Dept. of Electronics & Telecommunication Engg.
Sinhgad Institute of Technology Lonavala,
Pune. 410 401, MS, India.
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E-mail: sitetc.fuzzy@gmail.com

About STES

Sinhgad Technical Education Society (STES) was set up in August 1993, under the able and dynamic leadership of Hon. Prof. M.N. Navale with an objective of providing quality education in the field of Engineering, Dentistry, Management, Computer, Pharmacy, Architecture, Hotel Management and the basic school education from kinder garden onwards. There are 100+ institutes under the aegis of STES offering full-fledged School Education, Diploma, Graduation, Post Graduation courses and Ph.D. programs in various branches of Engineering, Science and Management at nine educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning. (www.sinhgad.edu)

About SIT

Sinhgad Institute of Technology (SIT), Lonavala since its establishment in 2004 is involved in practicing teaching-learning methodologies of excellence to deliver quality engineering education for students all over India. The institute is housed in beautiful surroundings, fully residential campus of 200 acres on Pune-Mumbai expressway at Lonavala. Academic discipline with space for individual innovations, emphasis on life skill development of students, 'willing to work' team of faculty members and initiative for Industry interface, have been the silent activity of the college.

How to reach SIT



About the Program:

The real world is complex; and the complexity in these systems generally arises from uncertainty in the form of imprecision/vagueness/ fuzziness/ambiguity. The role played in Newtonian Mechanics by the calculus which involves non-uncertainty, is replaced in Statistical Mechanics by Probability Theory "a theory whose very purpose is to capture uncertainty of certain type (random variable)". Fuzzy set theory (FST) - deals with random variable and linguistic variables. These theories PT and FST are common in some but different in many ways. Fuzzy set, fuzzy logic via Computing with words has played and will continue to play a pivotal role in dealing with several disciplines in science and technology.

Program themes:

Provide in depth understanding of fuzzy sets and fuzzy logic via computing with words and DST. The key point is to demonstrate the utility of these relatively new mathematical paradigms in decision making under risk and uncertainty with case studies and examples.

Course Outline

- Introduction of Fuzzy sets and Fuzzy logic
- Fuzzy Arithmetic
- Classical and Fuzzy Relational Calculus
- Classical logic and Fuzzy logic
- Fuzzy Classification /Clustering and Fuzzy Pattern recognition
- Decision Making in Fuzzy Environment
- Decision Theory and Dempster Shafer Theory

About Resource Person:

1) **Dr. Ashok Deshpande** completed Ph. D (Engineering and Technology), M.E. (Civil with Specialization in environment engineering), University of Roorkee (presently IITR) India and Graduate in Civil Engineering. He is the first Indian engineer who is so deeply involved in fuzzy logic with applications to variety of systems. He has over 4 decades of R&D experience and has over 130 publications in the Journals of international repute/conferences.

Affiliations

Founding Chair: Berkeley Initiative in Soft Computing (BISC)-Special Interest Group(SIG)-Environment Management Systems (EMS), University of California, Berkeley, California USA
Guest Faculty: University of California, Berkeley (UCB) California.

Guest Scientist: Lawrence Berkeley National Laboratory, Berkeley California USA

Visiting Professor: Indian Institute of Technology (IITB) Mumbai INDIA

Adjunct Professor: NIT Silchar Assam; College of Engineering, Pune India and Vishwamitra Research Institute (VRI) Chicago

Visiting Professor: University of New South Wales, Canberra Australia and University of British Columbia Canada

Former Adjunct Professor in Bioinformatics: University of Pune
Former Deputy Director: National Environmental Engineering Research Institute (NEERI) India

Former WHO Adviser, World Bank Project Director, Common Wealth Science Council Scientist and DANIDA Project Director

2) **Dr. V. S. Bandal** completed Ph. D. (IIT Bombay) in 2006. M.E. (Electrical) (Power Systems), Govt. College of Engg. Karad, India-April 1995. B. E. (Electrical), Govt. College of Engineering, Karad with first rank in Shivaji University, Kolhapur, July 1989 (Recipient of University Gold Medal)

Sponsored by



ISTE, New Delhi

One Week Faculty Development Program

On

Foundation of Fuzzy Set and Fuzzy Logic with Applications

[October 4 -8, 2016]

Organized by



Sinhgad Institutes

Department of Electronics and Telecommunication Engineering

Sinhgad Institute of Technology,
Lonavala - 410 401

Important Dates:

Date of application	: On before Sept. 30, 2016
Confirmation date	: Oct. 1, 2016
Date of Program	: Oct. 4- 8, 2016