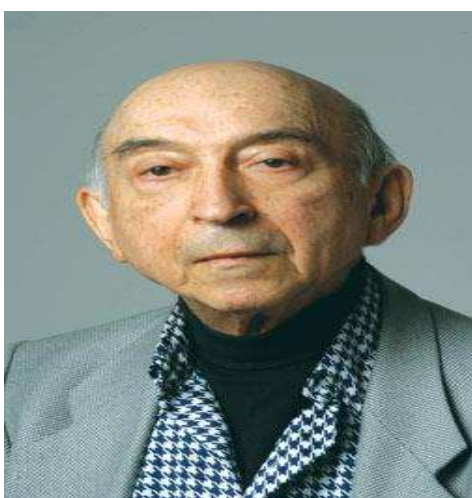




SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE

(Autonomous)

**(Accredited by NAAC with " Grade [3.27])
(Recognised 2(f) & 12(B) under UGC Act of 1956)
Katteri, Uthangarai, Krishnagiri Dt,
Tamil Nadu, India, 636902.**



A TWO DAY INTERNATIONAL CONFERENCE ON NEW TRENDS IN FUZZY LOGIC AND ITS APPLICATIONS

**(ICNTFLA– 2021)
29TH & 30TH JANUARY 2021**

**Organized
by**

Department of Mathematics, Sri Vidya Mandir Arts & Science College, Tamilnadu, India.

in collaboration with

Department of Mathematics, CHRIST deemed University, Bangalore, Karnataka, India.

About the college

The Visionary Philanthropists of Sri VidyaMandir Higher Educational Trust started Sri VidyaMandir Arts & Science College in Uthangarai in 2000 with the noble aim of uplifting the economically and educationally backward districts-Dharmapuri and Krishnagiri-into the number one educational destination in Tamil Nadu. The College is surrounded by the culturally rich pilgrimage centres, Hanumantheertham (2 km) and Theerthamalai (15 km), associated with the famous Epic, The Ramayana. The college is housed in a sprawling campus of more than 50 acres. The Queen of Mountains the Eastern Ghats has bestowed her bountiful nature and conducive climate round the year. The college is well-connected with the nearby cities and is located in the Salem – Vellore State Highways. Currently the college has the strength of more than 4300 students and 135 faculty Members. In 2013 our college is recognized 2(f) & 12(B) status by the UGC and as another feather to its crown, for the exceptional progress; in 2015 the college has been accredited by NAAC with 'A' Grade with CGPA 3.27 out of 4.

About our Department

The Department of Mathematics was established in the year 2004 with undergraduate B.Sc. degree in Mathematics with 26 students. The M.Sc. degree is being offered from the year 2007. From the year 2012 onwards, the department has emerged as a full-fledged research department offering M.Phil. Programmes and PhD programs from 2016. Since 2004 the department has produced more than 6000 centurms. Now in 2020, the department holds nearly 1000 students with 25 faculties. It provides a teaching learning process to develop the talent through competency building. The department has 11 Ph.D. holders. The department pulsatd seven days National Workshop on *Pure Analysis, Differential Equations and its Applications* in various affiliated colleges under Perilya University, Salem. It's a matter of pride that the department has achieved many successes in the path of education for the welfare of the students. The department students have clinched university ranks (67) including FOUR gold medals. Apart from the academic achievements the department is also taking sincere efforts to develop the multi-disciplinary knowledge of the students by conducting national/international level Conferences, Seminars, Workshops and Cultural programmes yearly with the help of the management. It strives to produce eminent professionals turned to the real time working environment. The department runs to meet out the competent academic environment with adequate labs and library resources to support students in their pursuit of excellence in every sector of life.

About the conference

The International Conference New Trance n Fuzzy Logic and Application (**ICNTFLA– 2021**) will be held in SRI VIDYA arts and Science college, katteri , Tamil Nadu, India during January 29-30, 2021. The conference looks for significant contributions to all major fields of fuzzy sets Mathematical Modelling and fuzzy soft sets. It is a prestigious event organized with a motivation to provide an excellent international platform for the leading academicians, research scholars, industrial participants and budding students around the world to share their research findings with the global experts. We hope that ICNTFLA-2021 outcome will lead to significant contributions to the knowledge base in these up-to-date scientific fields in scope.

Organizing committee

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Shri. V. CHANDRASEKARAN,

Founder, Sri Vidya Mandir Group of Educational Institutions, Uthangarai.

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Vice Principal, Sri Vidya Mandir Arts & Science College, Uthangarai.

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Assistant Professor, Department of Mathematics, Christ University, Bengaluru.

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Call for papers

The authors are requested to submit their original research papers through online submission in Scopus Journals by register themselves after notification. Relevant topics include but are not limited to:

- Fuzzy set theory
- Fuzzy soft sets theory
- Fuzzy Algebra

Registration: No Registration fees and E-Certificate will be provided to the active participants.

Registration is free click here: https://docs.google.com/forms/d/e/1FAIpQLScI7Y8InceEY3RKONQHJZYnGh37jxqokd-ZQAwD-NU3QbF6pw/viewform?usp=sf_link

Programme Schedule

DAY- I (29.01.2021)	
Time	Session
9.30 am	Inaugural Function
10.15 to 11	Dr. S. SATHISH KUMAR Topic: Recent research trends and technology
11.10 to 11.55	Dr. SANTANU ACHARJEE Topic: Statistical concepts of intuitionistic fuzzy soft theory via utility
12 to 12.45	DR. S. P. TIWARI Topic: Fuzzy relation: A notion unifying several fuzzy theories
2 to 2.45	Dr. G. MUHIUDDIN Topic : Fuzzy soft set theory applied to BCK/BCI-Algebra
3 to 3.45	DR. JOSEPH VARGHESE Topic: News developments in the fuzzy transportation problem
4 to 4.45	Dr. A.SOLAIRAJ Topic: Neutrosphic fuzzy technique in decision making problems
DAY- II (30.01.2021)	
10 to 10.45	Dr. KAVIKUMAR JACOB Topic: Introduction to neutrosphic sets and system
11 to 11.45	Dr. D. EZHILMARAN Topic: Research on rough set theory
12 to 12.45	Dr. N. ANITHA Topic: Fuzzy sets in applied science
1.45 to 2.30	Dr. A. FELIX Topic: Fuzzy multi criteria decision-making techniques and their applications
2.45 to 3.30	Dr. D. JAYA SHREE Topic: Fuzzy sets in applications
3.45 to 4.30	Dr. C. Ragavan Topic: Fuzzy set, types of fuzzy ideas and its applications
4.30	Valedictory

Invited speakers



Dr. G. MUHIUDDIN

Associate professor
Department of mathematics
University of Tabuk
Saudi Arabia.

Topic: Fuzzy soft set theory applied to BCK/BCI-Algebra



Dr. KAVIKUMAR JACOB

Professor of mathematics
Faculty of Applied Science and
Technology, Universiti Tun Hussein Onn
Malaysia.

Topic: Introduction to neutrosophic sets and system



Dr. S. SATHISH KUMAR

Associate professor
Asia pacific university of
Technology and innovation,
Kulalumpur, Malaysia.

Topic: Recent research trends and technology



DR. S. P. TIWARI

Associate professor
Department of mathematics
& Computing IIT (ISM)
Dhanbad, India.

Topic: Fuzzy relation: A notion unifying several fuzzy theories



Dr. SANTANU ACHARJEE

Assistants Professor Senior
Department of mathematic
Guwahati University
Assam, India

Topic: Statistical concepts of intuitionistic fuzzy soft theory via utility



Dr. A. SOLAIRAJ

Associat Professor
Department of mathematics
Jamal Mohamed College,
Tiruchrappalli, India.

Topic: Neutrosophic fuzzy technique in decision making problems



DR. JOSEPH VARGHESE

Associate Professor
Department of mathematics
Christ University,
Bengaluru, India.

Topic: News developments in the fuzzy transportation problem



Dr. D. EZHILMARAN

Assistants Professor Senior
Department of mathematics
School of Advanced Science
VIT University, Vellore, India.

Topic: Research on rough set theory



Dr. A. FELIX

Assistants Professor
School of Advanced Science
Department of mathematics
VIT University Chennai, India

Topic: Fuzzy multi criteria decision-making techniques and their applications



Dr. N. ANITHA

Assistants Professor
Department of mathematics
PG Extension Center
Dharmapuri. India.

Topic: Fuzzy sets in applied science



Dr. D. JAYA SHREE

Assistants Professor
Department of mathematics
Government Arts & Science
College, Hosur, India.

Topic: Fuzzy sets in applications



Dr. C. Ragavan

Assistants Professor
Department of mathematics
Sri vidya mandir arts and science college
Krishnagiri, India

Topic: Fuzzy set, types of fuzzy ideas and its applications