



**International Conference on Rough Set Theory and
Mathematical Applications**

ICRSMA – 2021

Virtual Mode

January 08-09, 2021

Conveners

Dr. B. Praba

Dr. P. Venugopal

Coordinators

Dr. N. Padmapriya

Dr. S. Sophia

Organized By

Department of Mathematics
Sri Sivasubramaniya Nadar College of Engineering (SSNCE)
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Rajiv Gandhi Salai (OMR)
Kalavakkam - 603 110
Tamil Nadu, India
<http://icrsma2021.com>

Resource Persons

- **Prof. Tianrui Li**
Southwest Jiaotong University
Chengdu, China.
- **Prof. Andrzej Skowron**
Systems Research Institute
Polish Academy of Sciences
Warsaw &
UKSW Center of Digital Science and Technology
Warsaw, Poland
- **Prof. Lech Polkowski**
University of Warmia and Mazury in Olsztyn
Olsztyn, Poland.
- **Padma Shri Sankar K. Pal**
Distinguished Scientist and former Director
Indian Statistical Institute
Kolkata, India.
- **Prof. Manish Joshi**
School of Computer Sciences
Kavayitri Bahinabai Chaudhari North Maharashtra University
Jalgaon, India.
- **Dr. K. Sridhar Patnaik**
Associate Professor
Department of Computer Science and Engineering
Birla Institute of Technology, Mesra
Ranchi, India.

Objective

Data extraction and data analytics become increasingly important in recent days. This plays a vital role in information sciences. Many mathematical concepts are used to capture the uncertainties in complex systems. Rough Set theory is a mathematical tool that deals with imperfect and incomplete information. Rough Set Theory is applied in various branches of Science and Engineering including networking, image processing, artificial intelligence, machine learning, social sciences, etc. The main objective of this conference is to provide a platform to discuss and share the mathematical concepts on Rough Set Theory and its applications. Also, this virtual platform will connect globally the researchers working on Rough Set Theory and its related fields.

Registration

Kindly fill the Google form using the following link
<https://forms.gle/5Fdm48YcaffJuJ3y9>

Registration Fees

For Indians 500 (INR)

For Foreign delegates 50 (USD)

The registration fee is to be remitted by way of Online Transfer.

The details are given below:

Name of the Account Holder: Sophia J

Account Number: 1250155000022807

Accounts Type: Savings Account

Bank: Karur Vysya Bank

Branch: Chennai Teynampet

IFSC Code: KVBL0001250

Important Dates

Last date for Paper Submission : **15.10.2020**

Intimation of Acceptance : **15.11.2020**

Last date of Registration : **30.11.2020**

Communication Address

Dr. B. Praba

Professor

Department of Mathematics

SSN College of Engineering

Kalavakkam - 603110

Chennai, Tamil Nadu.

Email: icrsma21@ssn.edu.in

Call for Papers

The conference seeks original contributions in the areas of Rough set theory and its applications or related fields. The topics for the conference include but not limited to:

- Rough Set Theory
- Fuzzy set Theory
- Soft set Theory
- Algebra
- Graph Theory
- Data Analytics
- Data Mining
- Social Sciences
- Neutrosophic Sets
- Image Processing
- Automata Theory

Publication

All the abstracts of the presented papers will be appearing in a book of abstracts with ISBN. The full text of the presented papers will be referred to Scopus indexed journals.

Chief Patron

Dr. Shiv Nadar

Founder Chairman of HCL Technologies Limited

Patron

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President, SSN Institutions

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Dr. Mohua Banerjee

Department of Mathematics & Statistics, IIT Kanpur, India

About the Department

The Department of Mathematics has 17 faculty members with a Ph. D degree, working on diverse areas such as Rough Set Theory, Algebra, Graph Theory, Fuzzy Set Theory, Image Processing, Queuing Theory etc. The Department organizes various workshops, FDPs and conferences periodically sponsored by SSN Trust and funding agencies. The Department is a recognized Research Centre under Anna University, Chennai. Many students are pursuing their Ph. D program under the guidance of our faculty.

SSN Institutions

Sri Sivasubramaniya Nadar College of Engineering (SSNCE), was founded in 1996 by Dr. Shiv Nadar, Founder Chairman of HCL Technologies. SSNCE is a highly-ranked and a very reputed educational institution in Tamil Nadu, India. It stands out as a premier centre for higher learning with a mission of pursuing excellence in education and research. The institution, with their diverse and dynamic community of students, offer a distinctive combination of some of the finest graduate, undergraduate and research programs with accomplished faculty, world-class facilities and a residential campus set on a sprawling 250 acres. SSNCE is accredited by the National Assessment and Accreditation Council with A+ grade. The Institution offers 8 B.E./B. Tech. degree programs and 11 M.E./M.Tech degree programs in addition to MBA program. The Institution is ISO 9001:2008 certified and has been accredited by NBA for 5 years.

Organizing Committee

Faculty members from the Department of Mathematics, SSNCE

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Dr. I. Jayakaran Amalraj

Dr. R. Sujatha

Dr. R. Sundareswaran

Dr. M. Shanmugapriya

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