

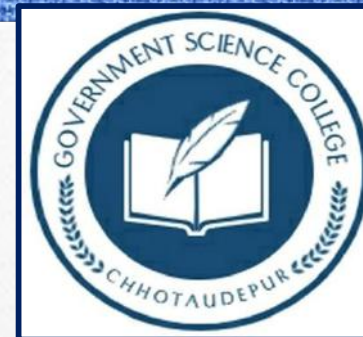


Research Culture Society

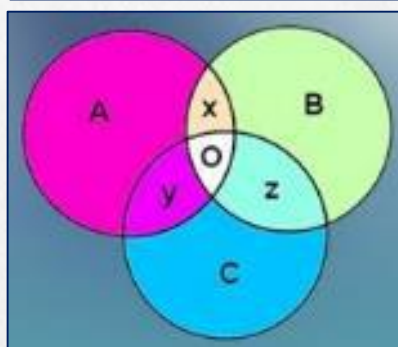
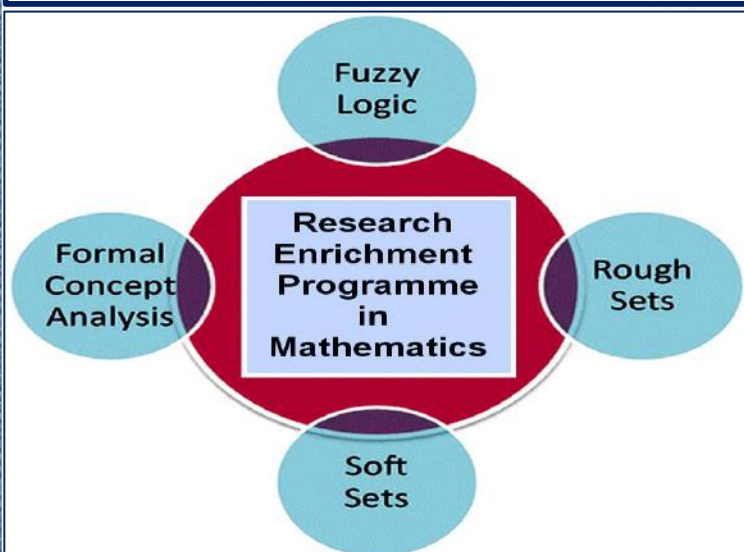
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Government Science College, Chhota Udepur,

Affiliated to Shri Govind Guru University, Godhra, India
(Government University)



Government Registered International level
Scientific Research Organization
www.researchculturesociety.org



International Level
one week (5 days) online
Research Enrichment Programme
on “Mathematical Research in
Fuzzy Sets, Rough Sets and
Soft Sets”

Date & Timing:
27th to 31st July, 2020
6:00 PM to 7:30 PM

Who should attend?

- Teaching Faculty Members, Ph.D Research Scholars, Masters Students in Mathematics, Engineering Maths, Computer Science)
- Anyone whose research interest involves in Mathematics and Sets.
- e-certificate will be provided to active and successful participants.

Objectives:

- ❖ This course enables the participants to elucidate the concepts of Fuzzy Sets, Rough sets and Soft Sets. Identify the predominant role of these emerging concepts in various fields.

What you will learn? (Outcomes) :

An Overview, Properties & Applications of all 3 sets, Fuzzy Clustering, Set Approximations, Reduct and Core Attributes, Dependency of Attributes, Rough Sets in Granulate Computing, Data Reduction (Without Algorithm), Operations on Soft Sets, Rough set in KDD, Attributes Selection RSH, Comparative study of Fuzzy, Rough, Soft set & more.

Registration Fee : \$ 11 USD / Rs. 500 INR

(Includes the resource materials relevant to the topic along with the e-certificate)

Mode of payment : Bank Account details will be given to participants through email.

Payment Options:- NEFT / RTGS / UPI , GPay, Paytm, PhonePe, or any Bank payment app.

Online Payment Link: <http://researchculturesociety.org/payment/>

Learning platform: Zoom / Google Meet



or **Paytm** +91 9033767725

Submit the registration and payment details on or before 26th July, 2020 through email.

Resource Person:

Dr. M. Gilbert R.

Professor , Ph.D in Mathematics.

Organizing Committee:

Dr. C. M. Patel,

Director, Research Culture Society.

Nishant M. Parmar

I/C Principal, Government Science College, Chhota Udepur, Gujarat, India.

Cont. us : + 91 9033767725 (call & whatsapp)

Registration Form link & Email:

<https://forms.gle/dnPKVnAWjC7CeHDZA>

Email : RCSPEVENTS@gmail.com

More details available on: www.researchculturesociety.org

Topics to be covered :

Day – 1: Session I: Classical Set - An Overview, Fuzzy Set – Introduction , Representation of Fuzzy , Types of Membership Functions, Standard operations in Fuzzy Set, Properties of Fuzzy Sets

Day – 2: Session II: Fuzziness and inaccuracy of Fuzzy Sets, Applications of fuzzy Sets, Fuzzy Clustering

Day – 3: Session III: Information Table, Indiscernibility Relation, Set Approximations, Rough Set, Reduct and Core Attributes.

Day – 4: Session IV: Dependency of Attributes, Rough set in KDD , Attributes Selection RSH, Rough Sets in Granulate Computing, Data Reduction (Without any Algorithm)

Day – 5: Session V: Soft Set – Introduction, Operations on Soft Sets, Applications of Soft Sets, Types of Soft sets, Comparative study of Fuzzy, Rough and Soft set.

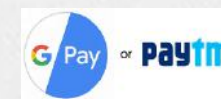
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NEFT / RTGS, GPay, Paytm, BHIM, Phone Pay, any Bank payment App.



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(For International Participants) Paypal Payment OR Pay using International Debit / Credit card.

Online Payment Link: <http://researchculturesociety.org/payment/>

In Paypal option - Just type : \$ 11 USD in - Other Amount – box then proceed further OR Pay from ready option.

Learning platform: Zoom / Google Meet / MS Team – Virtual Meeting.
(Meeting link will be shared through email and whatsapp group created for this programme)

Registration Form Link: <https://forms.gle/dnPKVnAWjC7CeHDZA>

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**The Director,
Research Culture Society. (www.researchculturesociety.org)**