



Department of Mathematics

**CH. CHARAN SINGH UNIVERSITY**

Meerut, Uttar Pradesh

is organizing a one week  
**National Workshop**

on

**Fuzzy Logic, Optimization and Soft Computing in  
Context of Artificial Intelligence**

**12 February, 2022 – 18 February, 2022**



**Science and Engineering Research  
Board**

**DST, Government of India**

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## Convener

**Prof. Mukesh Kumar Sharma**  
Dept. of Mathematics  
Chaudhary Charan Singh  
University, Meerut  
drmukeshsharma@gmail.com

## Local Advisory Committee

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CCSU, Meerut

## ABOUT CCS UNIVERSITY



*Ch. Charan Singh University (CCSU) was established in 1965, under U.P. Universities Act 1965, as Meerut University to cater to the needs of higher education in western Uttar Pradesh. It was later renamed as Chaudhary Charan Singh University in the name of former Prime Minister of India, Ch. Charan Singh. Since its inception, the vision of the CCSU has been to be an institute to produce such professionals who have global competence, vision, and skills as are necessary to meet the challenges of emerging global knowledge economy, by the power of innovation, creativity and efficient learning ability. It is committed to promote and protect dignity, equality, social justice and human rights for all sections of the society.*

*It was the first University in the country to introduce M. Phil. programme. In the University campus there are several regular and self-financed graduate, post-graduate and Ph.D. programs in the faculty of Science, Arts, Law, Commerce and Business Administration, and Agriculture. The University has a separate engineering college named Sir Chhotu Ram Institute of Engineering and Technology (SRIET) which offers courses like B. Tech. in different branches of engineering, BBA, MBA, MBA (Hospital Management), Integrated MBA (Hospital Management) and MCA.*

*It has a vast and beautiful, 222-acre campus in a pollution-free environment, having vast playgrounds and experimental fields, botanical gardens, gymnasium, indoor stadium, well equipped automated library, hostels for both girls and boys, spacious auditoriums, guest house, community centre and health centre. Life-size statues of the late Prime Minister Ch. Charan Singh and Swami Vivekanand on proud and beauty of the campus. The teaching departments are housed in spacious buildings and have well-equipped laboratories and other facilities.*

## ABOUT SERB

*Science and Engineering Research Board is a statutory body under the Department of Science and Technology, Government of India, established by an Act of the Parliament of India in 2009 (SERB ACT,2008). The Board is chaired by the Secretary to the Government of India in the Department of Science and Technology and shall have other senior government officials and eminent scientists as members.*



## ABOUT THE MATHEMATICS DEPARTMENTS

*From the day of its inception in 1969, Mathematics Department of Chaudhary Charan Singh University has been an important force in the academics and a key part of University's educational mission. The Department was established with a motive to help deepen students' insights into the subject and produce vibrant and dynamic community of perfect scholars. Till date it is continuing with its aim by producing able graduates and researchers in different fields of pure and applied mathematics like Operations Research, Reliability Theory, Fuzzy Sets and Systems, Topology, Approximation Theory, Fluid Dynamics, Cryptography etc. The department has made its own mark in the field of Mathematics Education. It has a well-equipped laboratory for working in Mathematics Education having several innovative educational games, charts, models and filmstrips. In addition, Department also runs a six-month certificate and one year diploma course in Vedic Mathematics. Notably there is an MoU between Shiksha Sanskriti Utthan Nayas and Chaudhary Charan Singh University, Meerut.*

## ABOUT THE CITY

*Historical evidences predict that the city Meerut may have derived its name from 'Mayarashtra', the capital of the kingdom of Mayasura, Mandodari's father and Ravana's father-in-law. Meerut is the city that bears testimony to the great rebellion of 1857, the first war of independence. It is an ancient city located 56 km north-east of New Delhi. Meerut also has one of the biggest army garrisons / cantonments in this part of the country. It is famous for its scissors, sports goods and Gazak. Meerut is also the sports capital of India. Meerut is the capital of Pandavas in Mahabharata known as Hastinapur. The city boasts of some very important historical as well as cultural heritage sites like Meerut are Augharnath temple, Shaheed Smarak, Gandhi Bagh, Suraj kund, Shri Shantinath Digamber Jain Temple, Vidura Ka Tila, Draupadi Ki Rasoi, St John's church, Barnawa, Dogra temple, Pura Mahadev Temple. Situated very close to New Delhi, the major tourist attraction in Delhi includes the Humayun's Tomb, India Gate, Raj Ghat, the majestic Red Fort, the historical Lotus Temple and Shanti Vana. The temperature during February ranges approximately 18 degrees Celsius to 25 degrees Celsius.*





# REGISTRATION DETAILS

## Link for Registration

[https://docs.google.com/forms/d/e/1FAIpQLSeiJqRf1DAAdLONdRikKUZiICbjkiCWUzLyah2HV7XZXz0Ww/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeiJqRf1DAAdLONdRikKUZiICbjkiCWUzLyah2HV7XZXz0Ww/viewform?usp=sf_link)

## Deadline for Registration

February 08, 2022  
Registration fee: 1000 Rupees

## Important Dates

Workshop Date: 12-18 February, 2022  
Last Date for Registration: 08<sup>th</sup> February 2022

## Mode of Payment

Online, or Demand Draft in favour of “Convener CONIAPS XXIV”

Bank Name: Indian Bank, CCS University, Meerut  
A/C Name: Main SB Account, CCS University, Meerut  
A/C no: 20195822291  
IFSC Code: IDIB000M690

**Note:** Participant may send the payment receipt on email id  
drmukeshsharma@gmail.com

## Local Hospitality

Boarding and lodging will be provided to the outstation participant in the university guest house as per the availability of seats.

Number of Participants: 30

**This workshop will be conducted in hybrid mode**