



सत्यमेव जयते



Two-days Workshop
On
**Concepts and Applications of Computational Intelligence Techniques
(CACIT-2023)**

Date: February 10-11, 2023

ORGANIZED BY



Department of Mathematics
Indira Gandhi National Tribal University (IGNTU)
Amarkantak - 484887, Madhya Pradesh, India

UNDER



Scientific Social Responsibility (SSR) Scheme – SERB (India)

PATRON

Prof. Shri Prakash Mani Tripathi
Hon'ble Vice-Chancellor
IGNTU, Amarkantak, Madhya Pradesh, India

ORGANIZERS

Prof. Tanmay Kumar Ghorai, Dean Faculty of Science, IGNTU
Prof. Vishnu Narayan Mishra, Head Department of Mathematics, IGNTU
Dr. Sanjeev Bakshi, Assistant Professor, Department of Statistics, IGNTU

CONVENER

Dr. Raghav Prasad Parouha
Principal Investigator DST-SERB project
Assistant Professor, Department of Mathematics, IGNTU
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THEME/SCOPE

Computational Intelligence (CI) is a group of computational models and tools that encompass elements of learning, adaptation and/or heuristic optimization. It is used to help study problems that are difficult to solve using conventional methods. Neural networks, evolutionary computation and fuzzy systems are the three main pillars of computational intelligence. More recently, emerging areas such as swarm intelligence, artificial immune systems, support vector machines, rough sets, chaotic systems, and others, have been added to the range of computational intelligence techniques.

Under this back drop, two days Workshop is envisaged under SERB Scientific Social Responsibility (SSR) Policy so as to acquaint researchers/faculty members of the institutes/universities/colleges to further update their respective clientele. This workshop intends to organize talks from eminent experts from multi-disciplinary research areas working in different organizations worldwide. The participants will be exposed to a large variety of advancements that have taken place in the area of Computational Intelligence. Both lectures and hands on practical shall be arranged on the topic.

OBJECTIVES

- ☞ To develop strong foundation for research in engineering/science fields
- ☞ Understanding the concept of Computational Intelligence (CI) Techniques
- ☞ Practical information on design and implementation of CI based schemes/ system
- ☞ Applications of CI in different fields of Engineering
- ☞ Hands on experience during laboratory sessions

SPEAKERS	: Eminent academicians/researchers from reputed national/international institutes/universities/industry.
ELIGIBILITY	: Researchers/Faculty members of Universities/Colleges/Institutes and staff members are eligible to apply for the workshop.
SEATS	: Twenty five (25) only (As per the direction of SERB-DST)
REGISTRATION FEES	: No registration fee
TA/DA	: No TA/DA will be provided to the selected participants
FOOD & ACCOMMODATION	: Refreshments and lunch will be provided for the participants during the programme. Accommodation will provided based on availability for only participants outside form IGNTU.
HOW TO APPLY	: The interested participants should apply on the prescribed Registration format, which should be mailed to workshop convener rparouha@igntu.ac.in on or before January 30, 2023 .
SELECTION	: 'First come first serve' basis. The selection of participants will be confirmed through email/phone.
CERTIFICATE	: Certificate will be issued to all participated candidates
IMPORTANT DATES	: Last date of receipt of application: 30.01.2023 Notification about selection (By email/phone): 01.02.2023
CONVENER CONTACT DETAILS	: Dr. Raghav Prasad Parouha Principal Investigator DST-SERB project Assistant Professor, Department of Mathematics, Indira Gandhi National Tribal University, Amarkantak (M.P.) Email: rparouha@igntu.ac.in Cont. No.: +91-9407071577 https://scholar.google.co.in/citations?user=talhHfQAAAAJ&hl=en



Registration Form
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SUPPORTED BY



Scientific Social Responsibility (SSR) Scheme
– SERB (India)

Applicant's Details

Name: _____

Designation: _____

Department: _____

Institute: _____

Highest Degree with specialization/ Branch: _____

Address for Correspondence: _____

Phone: _____ Mobile: _____ Email: _____

Signature of Applicant with Date: _____

Declaration

I,, agree to abide by the rules and regulations governing the workshop (CACIT-2023), and the information provided herewith is true to the best of my knowledge.

Place:

Date:

Signature

- Note:**
- ✓ The scanned copy of completed registration form can be sent by e-mail to the workshop convener e-mail id: rparouha@igntu.ac.in on or before **January 30, 2023**.
 - ✓ COVID19 appropriate measures of the Government of Madhya Pradesh will be strictly followed during the programme.