SERB-KARYASHALA

Hands-on Training and Workshop on

Computational Intelligence for Health Informatics and Wearable Device Data Analysis

24th – 30th July 2023
(Physical Mode)

Department of Computer Science and Engineering

National Institute of Technology Silchar, Assam

About the Institute

National Institute of Technology, Silchar is one of the 31 National Institutes of Technology of India and was established in1967 as a Regional Engineering College in Assam. In 2002, it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under the National Institutes of Technology Act, 2007. NIT Silchar is a fully residential campus situated on the banks of river Barak and on a sprawling campus spread over 625 acres of land surrounded by scenic tea gardens on the outskirts of Silchar.

NIT Silchar has secured 38th rank in Engineering and 76th rank under Overall Category in NIRF 2022.

NIT Silchar has been ranked internationallyin the rank band 601-800 in the prestigious Times Higher Education World University Ranking in 2023 and ranked 401-450 in the reputed QS ASIA University Rankings 2023. NIT Silchar is ranked at 5th in India and 200 in UI GreenMetric World Unversity Rankings 2020, out of 922 Universties from 84 Countries.

COMMITTEE

Chief Patron
Prof. Dilip Kumar Baidya
Director, NIT Silchar

Patron
Dr. Saroj Kumar Biswas
HOD, Dept. of CSE, NIT Silchar

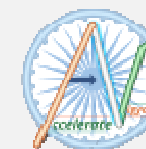### Coordinators
Dr. Badal Soni
Dept. of CSE, NIT Silchar

Dr. Naresh Babu Muppalaneni
Dept. of CSE, NIT Silchar

Organizing Committee
Faculty members of Dept. of CSE, NIT Silchar

Sponsored by

Resource Persons

- **Prof. Pradip K. Das**
  IIT Guwahati
- **Dr. Eric Zomawia**
  National Health Mission, Aizawl
- **Dr. Manish Bhatt**
  IIT Guwahati
- **Dr. Poonam Sharma**
  VNIT Nagpur
- **Dr. Gyanendra Verma**
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- **Dr. Aparajita Dutta**,
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- **Dr. Ramanujam E**
  NIT Silchar
- **Dr. Badal Soni**
  NIT Silchar
- **Dr. Naresh Babu Muppalaneni**
  NIT Silchar

About the Karyshala Scheme

KARYASHALA is an effort by the Science and Engineering Research Board (SERB), Government of India via Accelerate Vigyan to improve research productivity of promising PG and Ph.D. students from universities and colleges through high-end workshops on specific themes. This program aims to provide opportunities to acquire specialized research skills

Tentative Topics to be covered

- Computational Intelligence based solutions for Wearable Device applications
- Human Activity Recognition using Wearable Device Sensor Data
- Medical Image Processing and Analysis
- Computational intelligence-based solutions for the diagnosis of diseases
- Computational Analysis on Medical Images like Retinal image, neuro image, X-ray, CT- scan Images etc.,
- Machine Learning and Deep Learning for Bio-medical applications

Important Dates

Last date (Online Registration):08.06.2023

Confirmation by E-mail:10.06.2023

Event Dates:24.07.2023 to 30.07.2023

Eligibility

This program is open to Post-Graduate Students and doctoral Students

Registration

Registration fee: Nil
Online Registration Link:
https://forms.gle/LXDDoBHAN81roVa76

No.of seats: 25

TA/DA will be provided as per the norms

Contact Details

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REGISTRATION FORM

Name of the Participant: _____

Department:_____

Gender: _____

Pursuing Degree: MS/ M.Tech/ M.E / Ph.D.

Semester: _____

Organization: _____

Mobile No. _____

Email: _____

I agree to abide by the rules and the regulations governing the Workshop.

                                                        Signature of the Participant

Place:

Date:

Mr./Ms._____ is a student of our Institution and is permitted to attend the programme.

                                                Signature of the Head of Institution and Seal

Place:

Date: