



DEPARTMENT OF MATHEMATICS
INDIRA GANDHI NATIONAL TRIBAL UNIVERSITY (IGNTU)
AMARKANTAK (M.P.), INDIA



two days' international webinar
on
MODERN NATURE INSPIRED OPTIMIZATION TECHNIQUES (MNIOT-2021)
January 24-25, 2021



Patron

Prof. Shri Prakash Mani Tripathi

Hon'ble Vice-Chancellor, Indira Gandhi National Tribal University, Amarkantak (M.P.)



Chief Guest

Prof. Kusum Deep

Indian Institute of Technology Roorkee



Special Guest

Prof. Bhumi Nath Tripathi

Dean, Faculty of Science, IGNTU



Guest of Honour

Prof. Awadhesh Kr. Shukla

Dean, Faculty of Earth Science, IGNTU



Program Director

Dr. Vishnu Narayan Mishra

Head, Department of Mathematics, IGNTU

Invited Speakers



Prof. Atulya Nagar

Pro Vice-Chancellor (Research)
Liverpool Hope University
London, UK



Prof. Rammohan Mallipeddi

Department of Artificial Intelligence &
School of Electronics Engineering
Kyungpook National University Daegu, South Korea



Prof. Mohammad Shorif Uddin

Department of Com. Science & Engineering
Jahangirnagar University
Dhaka, Bangladesh



Prof. Snehashish Chakraverty

Department of Mathematics
National Institute of Technology
Rourkela, India



Prof. Geetanjali Panda

Department of Mathematics
Indian Institute of Technology
Kharagpur, India



Prof. Jagdish Chand Bansal

Department of Mathematics
South Asian University
New Delhi, India



Prof. Kedar Nath Das

Department of Mathematics
National Institute of Technology
Silchar, India



Prof. Aparajita Ojha

Computer Science and Engineering
PDPM IIITDM
Jabalpur, India

Registration link: <https://forms.gle/byZjs9NbEwUnQrVv6>

Registration Fee (non-refundable):

Rs. 100/- For PG/UG Students

Rs. 200/- For PhD Students

Rs. 300/- Professionals, Teaching Faculties / other Interested Persons

Rs. 500/- for International Professionals, Teaching Faculties/Other Interested Persons.

E- Certificate will be sent by January 28, 2021 on your respective provided Emails

Last Date of
registration:
20th Jan. 2021

Bank Account Details:

Beneficiary Name: **MNIOT2021**

Account Number: **6752101001154**

IFSC Code: **CNRB0006752**

Account Type: **Saving**, Bank Name: **Canara Bank**, Branch: **Amarkantak**

The numbers of participants are limited to 250; the participants will be selected based on first come- first serve basis.

Registration fee can be deposited online and proof should be send with your registered name and address on email id: rparouha@igntu.ac.in

Programme Schedule

Day 1 (24.01.2021)

11:00 to 13:30	Inauguration and Keynote address Chief Guest & Keynote Speaker: Prof. Kusum Deep (IIT Roorkee, India)	An overview on Nature Inspired (Artificial Intelligence) Techniques
13:30 to 15:00	Technical Session-I Invited Speaker: Prof. Rammohan Mallipeddi (Kyungpook National University, Daegu, South Korea)	Differential evolution algorithm with applications
15:00 to 16:30	Technical Session-II Invited Speaker: Prof. Snehashish Chakraverty (NIT Rourkela, India)	Artificial Neural Network
16:30 to 18:00	Technical Session-III Invited Speaker: Prof. Mohammad Shorif Uddin (Jahangirnagar University Dhaka, Bangladesh)	Applications of AI Against COVID-19 Pandemic

Day 2 (25.01.2021)

8:30 to 10:00	Technical Session-IV Invited Speaker: Prof. Kedar Nath Das (NIT Silchar Assam, India)	Advanced Evolutionary Optimization Technique for solving Sudoku Puzzle
10:30 to 11:30	Technical Session-V Invited Speaker: Prof. Geetanjali Panda (IIT Kharagpur, India)	Approximation Techniques for Vector Optimization Problem
11:30 to 13:00	Technical Session-VI Invited Speaker: Prof. Aparajita Ojha (PDPM IITDM Jabalpur, India)	Minimum spanning tree based clustering algorithm
13:00 to 14:30	Technical Session-VII Invited Speaker: Prof. Jagdish Chand Bansal (South Asian University, New Delhi, India)	Ant Colony Optimization/Particle Swarm Optimization
14:30 to 15:30	Valedictory Chief Guest & Invited Speaker: Prof. Atulya Nagar (Liverpool Hope University, UK)	Concluding remarks on Nature Inspired optimization techniques Evaluation & feedback

Executive Committee

Prof. Awadhesh Kr. Shukla
(Dean, Faculty of Earth Science & Computronics)
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(Professor & Head, Statistics)
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(Assistant Professor, Computer Science)
Mr. Arvind Gautam
(System Analyst)

Convener

Dr. Raghav Prasad Parouha

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