

Registration Details

Registration fees:

Faculty: INR 300/-

Research Scholar: INR 200/-

Industry Person: INR 500/-

Last Date of Registration: 23-01-2025

Participants should pay online
by Phone pay to

Dr. Malabika Adak (8793435532)



How to Apply

Participants should register on the following link.

<https://forms.gle/A6HDx56KKzBYhEYv5>

The registration link will be open till **23rd January 2025.**

<https://chat.whatsapp.com/K8bGxXkFS7OBGPmOjykp6K>

Important Dates:

Date of FDP: 27th January to 3rd February 2025

Last Date of Registration: 23rd January 2025.



Patron

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NYSS, Nagpur

Shri. Raviji Meghe, Secretary, NYSS

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Prof. P.P. Murthy, Dean School of Mathematics,
GGU Central University, Bilaspur

Conveners

Dr. Monali G. Dhote (9823027200)

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Asst. Prof., Department of Applied Mathematics
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Coordinator:

Prof D. P. Bawane (9423673952)
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Yeshwantrao Chavan College of Engineering (YCCE)

Accredited 'A++' Grade by NAAC

(An Autonomous Institution affiliated to Rashtrasant Tukadoji
Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur- 441110

Department of Applied Mathematics and Humanities



In Association with Nagpur University Mathematics Teacher's Association (NUMTA)

Organizes

International Faculty Development Program on Data Science and Optimization Techniques

27th January to 3rd February 2025
(7 days)

Under the Aegis of
IQAC, YCCE Nagpur
& ISTE Chapter

About Institute

Yeshwantrao Chavan College of Engineering (YCCE) was established in the year 1984 by Nagar Yuvak Shikshan Sansatha, Nagpur. It is an autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. For over 40 years, it has successfully nurtured young engineering professionals. YCCE is the First private Engineering College to acquire "Autonomous Status" in central India. The institute is awarded with "A++" Grade by National Assessment and Accreditation Council (NAAC) with the highest score 3.6/4. YCCE has the vision to become the most preferred institution providing innovative, research, and value-based, professional education for the society at large and by the Academic Advisory Board consisting of eminent academicians from the prestigious technical institutes in India and abroad.

About Department

The Department is dedicated to delivering high-quality education in Mathematics and Humanities to undergraduate engineering students. Our courses are designed to foster a profound appreciation for mathematics while equipping students with the skills to address complex challenges. The curriculum features five elective courses and four foreign languages, offering a diverse and enriching academic experience. Our faculty members possess outstanding academic credentials and are widely respected for their contributions, with numerous research articles published in reputed journals. The Humanities faculty focuses on nurturing essential skills in students, such as presentation, reading, listening, interpersonal communication, and teamwork, ensuring well-rounded personal and professional development.

About NUMTA

NUMTA, the Nagpur University Mathematics Teachers' Association (Regd.), has been promoting mathematics among students since 26 years through diverse events such as quizzes, seminars, the Mangalgi Lecture Series, guest lectures, model and chart exhibitions, the Festival of Numbers, and conferences, workshop on Vedic Mathematics etc.

About FDP

Objective:

Enhance knowledge and skills in data science and optimization for educators and researchers.

Topics

This FDP will cover the following topics:

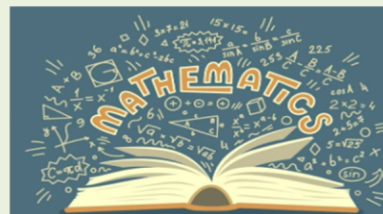
- Sparsity-driven optimization: Theory and Applications
- Queueing Theory and Applications
- Set-valued Optimization: Theory and Applications
- Numerical Optimization and Multi-objective Optimization:
- Optimization and analysis of Air Traffic
- Mathematics in Data Science

Resource Persons

- Dr. Subramanya Sastry Challa, Professor, IIT Hyderabad.
- Dr. Kuntal Som, Assistant Professor, IIT Madras.
- Dr. Md. Abu Talhamainuddin Ansary, Assistant Professor, IIT Jodhpur.
- Dr. Sujit Kumar Samanta, Associate Professor, NIT, Raipur.
- Dr. Rakesh Nandi, Singapore University of Technology and Design, Singapore.
- Dr. Meera Dhabu, Associate Professor, VNIT, Nagpur.
- Dr. Kavita Singh, Professor, YCCE Nagpur

Participants

Faculties, Research Scholars & Industry Persons from various branches (Science, Engineering, Architecture, Management).



Organizing Committee

Dr. A. J. Meshram (9766462758)

Prof. A. H. Siddiqui (9209085497)

Dr. (Mrs.) A.A. Aserkar (9970400690)

Dr. Nitin J. Wange (7841991165)

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Prof. M. N. Dandale (7057163662)

Prof. Mrs. Nanda Thakare (9890508884)



Celebrating 40 years of Excellence



7-Days International Faculty Development Program (FDP) on “Data Science and Optimization Techniques”

scheduled by Department of Applied Mathematics and Humanities, Yeshwantrao Chavan College of Engineering (YCCE), Nagpur in association with Nagpur University Mathematics Teachers (NUMTA) designed to enhance the knowledge and skills of faculty members in these rapidly evolving fields.



Program Highlights:

- Duration: 7 Days
- Mode: Online (Virtual Platform)
- Dates: 27 Jan – 3 Feb 2025
- Timing: 3.00 pm – 5.00 pm
- Target Audience: Faculty members, Researchers, Industry person and Staff in Academic Institutions



Resource Persons:

- Dr. Subramanya Sastry Challa, Professor, IIT Hyderabad.
- Dr. Kuntal Som, Assistant Professor, IIT Madras.
- Dr. Md. Abu Talhamainuddin Ansary, Assistant Professor, IIT Jodhpur.
- Dr. Sujit Kumar Samanta, Associate Professor, NIT, Raipur.
- Dr. Rakesh Nandi, Singapore University of Technology and Design, Singapore.
- Dr. Meera Dhabu, Associate Professor, VNIT, Nagpur.
- Dr. Kavita Singh, Professor, YCCE Nagpur



Program Focus:

- Artificial Intelligence in Mathematics
- Optimization and Analysis of Air Traffic
- Sparsity-driven optimization: Theory and Application
- Set-Valued Optimization: Theory and Applications
- Queueing Theory: Theory and Application
- Numerical Optimization and Multi-objective Optimization: Theory and Applications.



Key Benefits:

- Access to expert sessions from renowned national and international speakers.

- Exposure to cutting-edge techniques in Data Science and Optimization.
- Networking opportunities with faculty and researchers from global institutions.
- Certification upon successful completion of the program.



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