

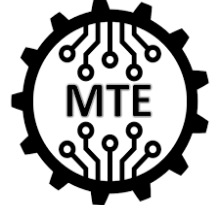


19th Chhattisgarh Young Scientist Congress

Jointly Organized by
National Institute of Technology Raipur
and
Chhattisgarh Council of Science & Technology
26th - 27th February, 2024



Mechanical, Mechatronics and Production Engineering



Call for Papers

CYCS 2024 will serve as a premier platform for the exchange of insights and discoveries in Mechanical, Mechatronics, and Production Engineering. This conference will provide a valuable forum for researchers and industry professionals to convene, fostering discussions on the latest advancements, innovations, and collaborative opportunities within these dynamic engineering domains.

AREAS OF RESEARCH

- Thermal Engineering-** Research delves into optimizing heat transfer and fluid mechanics. Thermal engineering seeks innovative solutions to enhance energy efficiency and advance sustainable technologies in diverse applications.
- Design Engineering** - Design Engineering research explores innovative solutions, pushing boundaries in autonomous systems, human-robot interaction, and smart technologies. Pioneering breakthroughs for a future of transformative and adaptive designs.
- Manufacturing Engineering-** Research efforts strive to uncover innovative solutions to enhance industrial processes, optimize efficiency, and advance sustainable manufacturing practices. By exploring cutting-edge technologies and methodologies, the aim to contribute to the evolution of manufacturing and shape a more resilient and resource-efficient future.
- Mechatronics Engineering-** Mechatronics Engineering explores the integration of mechanical, electronic, and computer engineering to design intelligent systems. This interdisciplinary field merges hardware and software for innovative and efficient solutions.
- Management-** In the dynamic landscape of management research, investigation of knowledge management, enterprise resource planning (ERP), and waste management stand as important focal points. Exploring these areas reveals strategies to harness organizational knowledge, optimize resource allocation through ERP, and develop sustainable waste management practices, staying at the forefront of effective management practices.

INCENTIVES TO AWARDEES

- A certificate with a cash prize of ₹ 21000.00.
- Single visit shall be provided for pursuing his/her research work in any National laboratory/Research Center/ Recognized University engaged in advanced research in India for two months duration.
- Awardees will be eligible for TA/DA during their stay in research establishment as per the norms of the council. He/she has to avail the facility within two years of receiving the award.

ELIGIBILITY CRITERIA

- ✓ Age on 28 February 2024, should be below 35 years for male and female candidates.
- ✓ Minimum research experience of two years after obtaining a post-graduate degree in the science subjects listed above or a bachelor's degree in the case of medical/ engineering/ technology subjects.
- ✓ An original research paper only with a single authorship will be acceptable.
- ✓ The research work should be carried out in the institutions located in the State of Chhattisgarh and not presented/ published elsewhere.
- ✓ Awardees of previously held Chhattisgarh Young Scientist Congress shall not be eligible for participation, for a period of three years, from the date of the last award.
- ✓ Research work must be original, plagiarism free and done by the submitting author only. Work only submitted through the following conference management system will be considered for further review.
- ✓ <https://cmt3.research.microsoft.com/CYSC2024>

REGISTRATION DETAILS

- Registration Link: <https://cysc2024.nitr.ac.in/>
- Registration Fees: ₹ 500.00 (Accepted in online mode only)
- The abstracts of accepted and presented papers will be published in the CYSC proceedings.

ADDRESS FOR CORRESPONDENCE

CYSC 2024 Conveners -

Dr. Dilip Singh Sisodia, Department of CSE, NIT Raipur
Dr. Rakesh Tripathi, Department of IT, NIT Raipur
Dr. (Mrs.) Joyce K Rai, CCOST, Raipur

Theme Coordinator -

Dr. Suraj Kumar Mukti,

Dr. Anuj Shukla, Department of Mechanical Engineering, NIT Raipur
(Contact number: +91 9302837666, +91 9136271032)

CYSC2024 Secretariat, Department of
Mechanical Engineering, National Institute of
Technology Raipur, G.E. Road, Raipur,
Chhattisgarh - 492010, Email Id: cysc2024@nitr.ac.in

IMPORTANT DATES

- Last date of abstract & full Paper Submission **31st January 2024**
- Date of confirmation **15th February 2024**

For More Details Visit: <https://cysc2024.nitr.ac.in/>
<https://cysc2024.nitr.ac.in/>





19th Chhattisgarh Young Scientist Congress

Jointly Organized by
National Institute of Technology Raipur
and
Chhattisgarh Council of Science & Technology
26th - 27th February, 2024



GUIDELINES FOR PREPARING ABSTRACT & FULL PAPER

Doctoral Fellows, National Associates and Faculty Members working in any recognized private, government or autonomous body located in Chhattisgarh State.

ABSTRACT

- Abstract must be of minimum 100 words and maximum 250 words of original research work is to be submitted.
- **Abstract must be in the following pattern:**
- Subject/discipline, under which it is to be included, should be written on top left corner.
- Title in capital and bold letters, font size 14.
- Name, institution, e-mail address font size 12.
- Page Size A4, Single Space, Font: Times New Roman.

FULL PAPER

- Title
- Name/Institutional Address/Email id
- Abstract
- Introduction
- Related works
- Experimental details, methods, materials etc.
- Observation and results
- Discussion
- Acknowledgement
- Reference according to the guidelines of Elsevier Publishers.
- The paper must indicate the discipline under which it is to be considered

REGISTRATION DETAILS

- Registration Link: <https://cysc2024.nitr.ac.in/>
- Registration Fees: Paper/Abstract submission is free in CYSC2024 but **after acceptance notification registration fees of ₹ 500/- (Five Hundred Only)** is required to be paid in online mode only.
- The abstracts of accepted and presented papers will be published in the CYSC proceedings.

ENCLOSURES TO BE ATTACHED

- Proof of Payment of registration Fee
- Proof of age (10th class marksheet/certificate)
Enclosed the following documents in the formats available at CYSC2024 website
- Biodata (one page only)
- Undertaking from participant
- Certificate from Supervisor & Head of the Department/Institute

Last date of abstract & full Paper Submission
Date of confirmation

31st January 2024

15th February 2024

INSTRUCTION FOR PAPER SUBMISSION

- ✓ <https://cmt3.research.microsoft.com/CYSC2024>
- ✓ Use your existing Microsoft CMT (above link) login credentials (User ID & Password), if you don't have then create login credentials using your valid email ID.
- ✓ After login click on "All Conferences" Button on homepage and search for CYSC2024
- ✓ Click "19th Chhattisgarh Young Scientist Congress"
- ✓ Click on the "Create New Submission" button to start submission and fill all the mandatory fields like title, abstract, keywords, author details, select only any one subject area of your research paper and upload fullpaper then click on the "Submit" Button.
- ✓ After successful submission you will receive email notification on your used registered email ID

STEPS FOR PAPER SUBMISSION PORTAL (CMT)

<https://cmt3.research.microsoft.com/CYSC2024>

The image shows a sequence of screenshots from the Microsoft CMT submission portal. It starts with the login page where users enter their email and password. The next screen shows a list of conferences, with '19th Chhattisgarh Young Scientist Congress' selected. The final screenshot shows the 'Author Console' where users can create a new submission, enter their paper ID, and upload their files.

ADDRESS FOR CORRESPONDENCE

CYSC2024 Secretariat, Department of Computer Science and Engineering, National Institute of Technology Raipur, G.E. Road, Raipur, Chhattisgarh - 492010

Email Id: cysc2024@nitr.ac.in

Website: <https://cysc2024.nitr.ac.in>

CYSC2024 Conveners

Dr. Dilip Singh Sisodia, Department of CSE, NIT Raipur

Dr. Rakesh Tripathi, Department of IT, NIT Raipur

Dr. (Mrs.) Joyce K. Rai, Chhattisgarh Council of Sci. & Tech.