



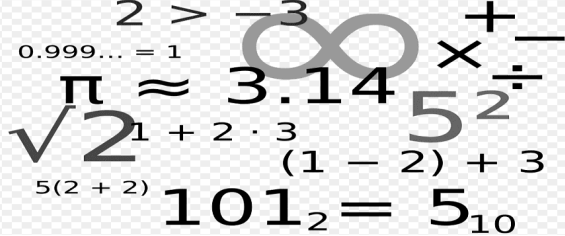
19<sup>th</sup> Chhattisgarh Young Scientist Congress  
Jointly Organized by  
National Institute of Technology Raipur  
and  
Chhattisgarh Council of Science & Technology  
26<sup>th</sup> - 27<sup>th</sup> February, 2024



Mathematical and Statistical Sciences, Vedic Mathematics



Call for Paper



CYCS 2024 will offer an outstanding platform for the exchange of knowledge and findings in different fields of Mathematics. It will serve as a venue for researchers and practitioners from both academia and industry to convene and discuss cutting-edge developments in these fields.

AREAS OF RESEARCH

Topics of the conference, but are not limited to, are the following:

- Differential Equations, Partial Differential Equations, Stochastic Differential Equations, Mathematical Ecology, Mathematical Biology, Mathematical Epidemiology and Mathematical Modeling
- Fluid Dynamics, Computational Fluid Dynamics, Heat Transfer and Thermodynamics
- Real Analysis, Complex Analysis, Functional Analysis, Operator theory, Topology and Number theory
- Algebra, Linear Algebra, Cryptography, Networks and Graph Theory
- Financial and Industrial Mathematics
- Fuzzy Sets and Logic, Rough Set Theory, Optimization and Control
- High Performance Computing, Quantum entanglement, Theory of Computation and Parallel Computing
- Operations Research, Probability and Statistics, Biostatistics
- Vedic Mathematics
- Integral Transforms, Wavelets, Disease Dynamics and Nonlinear Dynamics
- Mathematical and Computational Physiology
- Mathematics for Machine learning applications.

INCENTIVES TO AWARDEE

- A certificate with a cash prize of ₹ 21,000.00/-.
- 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 28 February 2024, should be 35 years or below for male and female.
- ✓ 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>

IMPORTANT DATES

Last date of abstract & full Paper Submission 31<sup>st</sup> January 2024

Date of confirmation 15<sup>th</sup> February 2024

For more details visit :- <https://cysc2024.nitr.ac.in/>

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, Chhattisgarh Council of Sc. & Tech.

Theme Coordinators:

Dr. Debasisha Mishra, Department of Mathematics  
Dr. L. Bhaskar, Department of Mathematics  
CYSC2024 Secretary, Department of Mathematics,  
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For More Details Visit <https://cysc2024.nitr.ac.in/>



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## GUIDELINES FOR PREPARING ABSTRACT & FULL PAPER

Research papers are invited from Research Fellows, Post 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

- 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.
  - After acceptance participants are required to register online at <https://cysc2024.nitr.ac.in/index.php/registration> for presentation and upload the signed copy of following documents.
  - Proof of payment of registration Fee containing transaction ID/UTR number
  - Proof of age (10<sup>th</sup> class mark sheet/certificate)
  - Also upload the documents in the formats available at CYSC2024 website
  - Bio data (one page only)
  - Undertaking from participant
  - Certificate from Supervisor & Head of the Department/Institute
- The abstracts of accepted and presented papers will be published in the CYSC proceedings.

## IMPORTANT DATES

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## 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 "19<sup>th</sup> 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 full paper then click on the "Submit" Button.
- ✓ After successful submission you will receive email

## STEPS FOR PAPER SUBMISSION PORTAL (CMT)

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

The image shows a sequence of three screenshots from the Microsoft CMT submission portal. The first screenshot is the login page with fields for Email and Password, and a Log In button. The second screenshot shows the 'Conference List' with a table containing the following data:

Name	Start Date	Location	External URL
19th Chhattisgarh Young Scientist Congress	2/26/2024	Raipur, India	<a href="https://cysc2024.nitr.ac.in/">https://cysc2024.nitr.ac.in/</a>

The third screenshot shows the 'Author Console' with a 'Create new submission' button and a 'Paper ID' field.

## 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](mailto:cysc2024@nitr.ac.in)

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

## CYSC2024 Conveners

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