



19th Chhattisgarh Young Scientist Congress

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



ABOUT CYSC

Chhattisgarh Young Scientist Congress (CYSC) was launched by Chhattisgarh Council of Science & Technology (CCOST), Raipur to promote the young talents of the state. Young Scientist Congress is organized every year to mark the discovery of "Raman Effect" by Indian Physicist Sir Chandrasekhar Venkata Raman on 28th February. The Main focus of the Young Scientist Congress is to provide a right platform for the upcoming enthusiastic young researchers and to promote them to excel in their fields.

We are pleased to inform you that National Institute of Technology Raipur and Chhattisgarh Council of Science & Technology will be hosting the Nineteenth CG Young Scientist Congress (19th CYSC) on 26th - 27th Feb, 2024 at National Institute of Technology Raipur. To promote young researchers from each disciplines, it has been made a custom to felicitate one young researcher from each discipline based on the relevance of their research work and presentation in the Congress. More details about CYSC are at: <http://www.cysc2024.nitr.ac.in>

ABOUT CGCOST

The Chhattisgarh Council of Science and Technology, a nodal agency of Department of Science and Technology, Government of India in Chhattisgarh, was instituted in 2001 with a view to optimize sustainable development of the State through Science and Technology. Some of the major objectives of the council are, to identify the areas where Science and Technology input is required for progress of the state, to ensure better utilization of the resources of the state and to promote and popularize science for modernization of the state. The council has launched a program of promoting the young talent of the state by sponsoring to organize "Young Scientist Congress" every year. The Congress aims to identify budding scientists and provide encouragement to their research plans and programs. More details about CGCOST are at: <http://www.cgcost.nic.in>

ABOUT NIT RAIPUR

National Institute of Technology Raipur (An Autonomous institute of National Importance) fully funded by the Govt. of India. NIT Raipur is located in Raipur, the Capital City of Chhattisgarh State and spread over an area of approx. 100 acres. The institute is 5 km from Raipur railway station and 14 km from airport on NH-6, the Great Eastern Road. NIT Raipur has proven to be "avant-grade" in the field of science and technology over the past few decades in this region. NIT Raipur is ranked 70th in engineering category in India by the NIRF, and it is the highest ranked engineering college in Chhattisgarh.

Presently NIT Raipur offers 12 undergraduate, 14 Postgraduate (including M.Sc., M.C.A and M.Tech. in Applied Geology) and 18 Ph.D. programs. The institute offers facilities for research and also undertakes R & D activities, provides testing, consultancy and other extension services including continuing education to the industry through the Industry Institute Interaction cell and the placement of the student through the Department of Training & Placement. The students have brought laurels to the institute and are very well placed in Government organization, Public and Private Sectors, Multinational Companies, Universities, research organizations in India and abroad. More details about NIT Raipur are at: <http://www.nitr.ac.in>

INCENTIVES TO AWARDEE

- 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.

Inviting Research Papers for

Chhattisgarh Young Scientist Award 2024 in the following Areas

- Agricultural Sciences
- Agricultural Engineering/Technology
- Biology (Botany, Zoology, Chemical Biology)
- Biotechnology, Biochemistry, Bioinformatics and Biomedical Sciences
- Chemical Sciences
- Earth and Atmospheric Sciences (Geology, Geography, Meteorology, Oceanography etc.)
- Chemical Engineering
- Computer Sciences, Electronics, Information Technology, Instrumentation etc.
- Civil and Architecture Engineering
- Electrical Engineering, Electronics and Telecommunication Engineering
- Mechanical, Mechatronics and Production Engineering
- Environmental Sciences, Engineering and Forestry
- Home Science and Behavioral Sciences (Psychology)
- Life Sciences (Bioscience, Microbiology and Anthropology etc.)
- Mathematical and Statistical Science, Vedic Mathematic
- Medical and Pharmaceutical Sciences
- Physics (Bio-Physics, Chemical-Physics and Geophysics, Astrophysics, Nuclear Physics etc.)
- Veterinary Science, Animal Husbandry and Dairy Technology
- Mining, Metallurgy and Applied Geology.
- Indigenous Science and Technology of Chhattisgarh

ELIGIBILITY CRITERIA FOR PARTICIPATION

- ✓ Age on 28 February 2024, should be 35 years or below for male and female participants.
- ✓ 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>



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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 should be of your original research work and minimum 300 words and maximum 500 words.
- Abstract should be in the following pattern:**
- The name of the Subject/Discipline, followed by sub category of subject/discipline (if any) under which it is to be included, should be written on top left corner.
- Title of the abstract in capital and bold letters, font size 14.
- Name, affiliating institution, e-mail address font size 12.
- The contents of abstract should be on A-4 size paper.
- It should be typed in single space using MS-word in Times New Roman, Font Size 12.

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 No.
- Proof of age (10th class marksheet/certificate)

Also upload the documents in formats available at CYSC2024 website.

- Biodata (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

Last date of abstract & full Paper Submission	14 th January 2024
Date of confirmation	17 th 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 full paper 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 four screenshots from the Microsoft CMT submission portal:

- Microsoft CMT Login:** A form with fields for Email and Password, and a Log In button. Below the form are links for "Forgot your password?", "New to CMT?", and "Register".
- Conference List:** A table showing conference details. The table has columns for Name, Start Date, Location, and External URL. The entry for "19th Chhattisgarh Young Scientist Congress" is highlighted.
- Author Console:** A page with a "Create new submission" button and a "Paper ID" field.
- Create New Submission:** A form with fields for Title and Abstract, and a "Submit" button.

ADDRESS FOR CORRESPONDENCE

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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.