

## ORGANIZING COMMITTEE

### PATRONS

Prof. Sachchidanand Shukla, Vice Chancellor  
Pt. Ravishankar Shukla University, Raipur (C.G.)

Dr. S. Karmakar, Director General, CCOST  
Raipur (C.G.)

### CHAIRMAN

Prof. Kallol K. Ghosh  
Head, SoS in Chemistry, Pt. Ravishankar Shukla University

### CONVENERS

Prof. Manas Kanti Deb, Head, SoS in Environmental Science, Pt. Ravishankar Shukla University, Raipur (C.G.)

Dr. Joyce K. Rai, Scientist 'E', Chhattisgarh Council of Science and Technology Raipur (C.G.)

### ORGANIZING SECRETARIES

Prof. Shamsh Pervez  
Prof. D.P. Bisen  
Prof. Manish K. Rai  
Prof. K.K. Sahu  
Pt. Ravishankar Shukla University, Raipur (C.G.)

### JOINT SECRETARIES

Prof. Kamlesh K. Shrivastava, Dr. Manmohan L. Satnam  
Dr. Kamlesh K. Shukla, Dr. Vishal Jain  
Pt. Ravishankar Shukla University, Raipur (C.G.)

### TREASURER

Dr. Indrapal Karbhal, Pt. Ravishankar Shukla University  
Dr. Wasim Raja, CCOST, Raipur

### COORDINATORS PRSU

Prof. Vyas Dubey, Prof. Ninad Bodhankar, Prof. S.K. Jadhav, Prof. C.D. Agashe, Prof. A.K. Shrivastava, Prof. Swarnalata Saraf, Prof. Namita Brahme, Prof. Prabhavati Shukla, Prof. Aditi Poddar, Prof. Maya Verma, Prof. Kavita Thakur, Prof. B.S. Thakur, Prof. Preeti K. Suresh, Prof. Ashok Pradhan, Prof. Uma Gole, Prof. Sanjay Kumar

### COORDINATORS CCOST

Dr. B.K. Rai, Mr. P. Kawishwar, Mr. M.K. Beg, Dr. Tribhuvan Singh, Er. K. Srinivas Rao, Dr. A.K. Pathak, Dr. Amit Dubey, Dr. M. Chandravanshi, Shri A.K. Tripathi, Dr. Beena Sharma, Dr. Wasim Raja

### MEMBERS

Prof. R. Prasad, Prof. S.K. Prasad, Prof. K.R. Hari, Prof. Jitendra Premi, Prof. S.J. Daharwal, Prof. B.L. Sonekar, Prof. Nister Kujur, Prof. Amia Ekka, Prof. L.S. Gajpal, Prof. Anubha Singh Gour, Dr. Brijendra Pandey, Dr. Arvind Agrawal, Dr. G.K. Deshmukh, Dr. Amar Vyas, Dr. Bhanushree Gupta, Dr. Nitesh Kumar Mishra, Dr. Sunil Kumeti, Dr. Smita Sharma, Dr. Venudhar Routia, Dr. Govind Prasad Sahu, Dr. D.N. Khunte, Dr. Shobhana Ramteke, Ms. Annu Agrawal, Mr. Vikram Singh Thakur, Mr. Sudheer Bhoi, Mr. Lokesh Sahu, Mr. Domendra Dewangan

## ABOUT THE UNIVERSITY

Pt. Ravishankar Shukla University is Chhattisgarh's largest and oldest institution of higher education, founded in 1964, and is named after the first chief minister of erstwhile Madhya Pradesh. The University has the most sprawling campus in the western part of the capital of Chhattisgarh, Raipur. The campus of University is spread in over 207 acres of land. There are Twenty-Nine teaching departments in the University. Our total number of employees is 700, who provide the administrative support at different levels. Attracted by the opportunity to study and conduct advanced research with renowned professors and fellow scholars in one of the Chhattisgarh's most dynamic smart city, students also come from our different neighboring States. There are 5000 students enrolled for variety of courses offered by the departments, who are steered under the guidance of more than 100 faculty members. Jurisdiction of RSU covers entire central and southern part of Chhattisgarh. There are 180 educational institutions currently affiliated to the University. In the academic year 2021-22, about 1,50,000 students were enrolled, both for undergraduate and postgraduate courses. Our University plays a major role in the educational, cultural and economic life of the region.

## CHHATTISGARH COUNCIL OF SCIENCE AND TECHNOLOGY

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 "Chhattisgarh Young Scientist Congress" every year. The Congress aims to identify budding scientists and provide encouragement to their research plans and programs.

## ADDRESS FOR CORRESPONDENCE

Prof. Manas Kanti Deb, Convener  
Head, School of Studies in Environmental Science  
Pt. Ravishankar Shukla University, Raipur-492010 (C.G.)  
E-mail:-cgysc2023@gmail.com  
Mob. No.-94255-03750

<https://www.cgysc.in/>



## 18<sup>th</sup> CHHATTISGARH YOUNG SCIENTIST CONGRESS-2023

Chhattisgarh Council of Science & Technology  
And  
Pt. Ravishankar Shukla University (NAAC 'A' Grade & DST-PURSE funded University), Raipur, Chhattisgarh  
3-4 May, 2023



## JOINTLY ORGANISED BY



Chhattisgarh Council of Science & Technology



Pt. Ravishankar Shukla University, Raipur (C.G.)

## Venue:

For Inauguration & Valedictory Ceremony  
Pt. Deendayal Upadhyay Auditorium, GE Road, Raipur (C.G.)  
Time: 10:30 AM

## For Technical Sessions

Various Departments, Pt. Ravishankar Shukla University, Raipur (C.G.)

## INVITATION FOR CHHATTISGARH YOUNG SCIENTIST CONGRESS

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 28<sup>th</sup> 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 Pt. Ravishankar Shukla University, Raipur and Chhattisgarh Council of Science & Technology will be hosting the eighteenth CG Young Scientist Congress (18<sup>th</sup> CYSC) on 3-4 May, 2023 at 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.

### RESEARCH PAPERS ARE INVITED IN THE FOLLOWING DISCIPLINES

1. Agriculture Sciences
2. Agricultural Engineering/Technology
3. Biology (Botany, Zoology, Chemical Biology)
4. Biotechnology, Biochemistry, Bioinformatics and Biomedical Sciences
5. Chemical Sciences
6. Earth and Atmospheric Sciences (Geology, Geography, Meteorology, Oceanography etc.)
7. Chemical Engineering
8. Computer Sciences, Electronics, Information Technology, Instrumentation etc.
9. Civil and Architecture Engineering
10. Electrical Engg, Electronics and Telecommunication Engg
11. Mechanical, Mechatronics and Production Engineering
12. Environmental Sciences, Environmental Engg and Forestry
13. Home Science and Behavioral Sciences ( Psychology)
14. Life Sciences (Bioscience, Microbiology and Anthropology etc.)
15. Mathematical and Statistical Science, Vedic Mathematics
16. Medical and Pharmaceutical Sciences
17. Physics (Bio-Physics, Chemical-Physics and Geophysics, Astrophysics, Nuclear Physics etc.)
18. Veterinary Science, Animal Husbandry and Dairy Technology
19. Mining, Metallurgy and applied Geology

### ELIGIBILITY CRITERIA FOR PARTICIPATION

- Age on 28th February 2023, should be below 32 years for male and 35 years for female candidates.
- Research experience of two years after obtaining post-graduate degree in the science subjects listed above or bachelor's degree in case of medical/ engineering/technology subjects is the basic requirement.
- Original research paper with single authorship will be acceptable. The work should have been carried out in the State of Chhattisgarh and not presented/ published elsewhere is essential requirement.
- Awardees of previously held Chhattisgarh Young Scientist Congress shall not be eligible for participation, for a period of three years, from the date of last award.
- Kindly note that Plagiarism will be checked and summarily rejected, if found to contain plagiarised material.

### INCENTIVE TO AWARDEES

A certificate with a **cash prize of Rs. 21000.00**. Single visit shall be provided for pursuing his/her research work in any National laboratory/Research Centre/ 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.

### GUIDELINES FOR PREPARING ABSTRACT & PAPER

Research papers are invited from Young Research Fellows, Post Doctoral Fellows, National Associates and Faculty Members working in any recognized private, government or autonomous body.

### ABSTRACT

1. Abstract in two copies must be of minimum 100 words and maximum 250 words of original research work is to be submitted.
2. 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.
  - The entire abstract must be on A-4 size white sheet in space of 25 cm length and 16 cm width.
  - It must be typed in single space using MS-word in Times New Roman, Font Size 12.
  - Abstract sheet should not be folded.

Authors should also submit the **ABSTRACT AND FULL PAPER IN SOFT COPY** through Online website: [www.cgysc.in](http://www.cgysc.in) and also submit the all soft copies through e-mail to "[cgysc2023@gmail.com](mailto:cgysc2023@gmail.com)" otherwise it will not appear in the Abstract Book. The discipline in which paper is to be considered should be clearly marked on the envelope. The duration for oral presentation will be of 20 minutes followed by 5 minutes discussion.

### FULL PAPER

Five copies of full paper to be submitted to Prof. M.K. Deb, Head, SoS Environmental Science for evaluation, must be prepared in following sequence:

1. Title
2. Name/Institutional Address/Email id
3. Abstract
4. Introduction
5. Experimental details, methods, materials etc.
6. Observation and results
7. Discussion
8. Acknowledgement
9. Reference according to the guidelines of Elsevier Publishers.
10. The paper must indicate the discipline under which it is to be considered

### ENCLOSURES TO BE ATTACHED

- Biodata
- Proof of age
- Certificate from Head & Supervisor Undertaking,
- Soft copy of the abstract & full paper

### DEADLINES TO MEET

Program Date: 3<sup>rd</sup> May -4<sup>th</sup> May, 2023

Last date of abstract & full Paper Submission (Online & Hard Copy both are mandatory): Monday, the 24<sup>th</sup> April, 2023

Date of confirmation: Wednesday, the 26<sup>th</sup> March, 2023

Mandatory Spot Registration & Reporting: 3<sup>rd</sup> May, 2023

### REGISTRATION DETAILS

Registration Link: <https://cgysc.in/Register.aspx>

Registration Fees: Rs. 500=00

Scan the QR code for registration fees payment

## 18th Chhattisgarh Young Scientist Congress-2023

Chhattisgarh Council of Science & Technology and

Pt. Ravishankar Shukla University, Raipur – 492010

3<sup>rd</sup> May – 4<sup>th</sup> May, 2023

### REGISTRATION FORM

1. Name: ..... M/F
2. Postal Address: .....
3. Email ID .....Phone.....
4. Institutional Address:.....
5. Age:.....(please submit proof)
6. Current status JRF/SRF/PDF/RA/Faculty Member.....
7. Source of funds/fellowship:.....
8. Research experience: After post graduate degree for Science subject or Bachelor degree in the case of Medical/ Engineering .....(please submit proof)

### UNDERTAKING

I declare that

1. This research work has been done by me at .....
2. This paper be considered in the subject/ discipline of .....
3. I will be under 32(M)/35(F) years in age (on Feb. 28, 2023).....
4. That all the information submitted by me are correct

Date:

Signature of Participant

### CERTIFICATE

It is certified that the information furnished above have been verified and are correct to the best of my knowledge. The work has been carried out in Chhattisgarh State. He/she has been permitted to submit the paper at the 18<sup>th</sup> Chhattisgarh Young Scientists Congress 2023.

Supervisor  
(Signature & Date)  
Name & Address

Head of the Department  
(Signature & Date)  
Name & Address

