



# KALINGA UNIVERSITY



**NAAC**  
**GRADE B+**  
Accredited University



Ranked in  
Top 101-150  
Universities

## Faculty of Science

Organises

# International Conference on FUTURE ASPECTS OF SCIENCE & TECHNOLOGY (ICFAST 2024)



February 27<sup>th</sup>-28<sup>th</sup>, 2024



Kalinga University

*"Innovations in science and technology  
to create a better world together"*

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# OUR UNIVERSITY

Kalinga University, Naya Raipur, is a NAAC accredited University with Grade B+, and the only Private University in Chhattisgarh ranked in the top 101-150 Universities in NIRF Ranking 2023 and has emerged as a centre of excellence of higher education in Central India. Strategically located in the Smart City of New Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education.

**Infrastructure** - Kalinga offers World Class Infrastructure and student facilities with a student-centric approach. The highest attention is paid to the hands-on learning approach, and students are encouraged to come up with innovative ideas for projects and practicals. The University has more than 90 laboratories and workshops, all well-equipped with the latest state-of-the-art apparatus and tools. Special emphasis is given to the development of communication skills through the language lab. More than 1000 computers are available for the use of the students.

**Establishment** - Established in 2013, this University has been able to win the confidence of over 8000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Cameroon, Gambia, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Namibia, Nepal, Nigeria, Papua New Guinea, South Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe, etc. have chosen this University for their education and career.

**Schools of Excellence** - Currently, the University is serving the student community by offering various UG and PG programs, namely Engineering, Law, Pharmacy, Arts & Humanities, Science, Commerce & Management, Biotechnology, Information Technology, Library Science, Fashion Design & Interior Design, User Experience, Yoga, Film Making and Journalism & Mass Communication.

## ABOUT THE FACULTY OF SCIENCE

The faculty of science is well known for its excellence in teaching and research. The faculty members are engaged in state-of-the-art research as well as guiding the Ph.D. and M. Sc. Students. The faculty has made great strides by revising and updating its syllabus time and again. A thoroughly updated and revised syllabus has been implemented every year. The faculty has taken many initiatives for students to have exposure to writing the projects and also develop communication skills. Advanced-level optional courses are also offered here. The faculty has distinguished itself as a centre for innovation and a pioneer in a wide range of areas in sciences.

# ABOUT THE CONFERENCE

The Future Aspects of Science and Technology conference is an gathering of researchers, scientists, technologists, and experts from various fields. The conference serves as a platform to discuss and explore emerging trends, innovations, and future possibilities in the realm of science and technology. It aims at bringing together leading professionals and enthusiasts who are passionate about pushing the boundaries of human knowledge and breakthrough studies through scientific advancements. The conference focuses on Biotechnology, Bioinformatics, Microbiology, Biochemistry Botany, Zoology, Chemistry and Forensic Science. The Future Aspects of Science & Technology conference will encompass keynote speeches, panel discussions, and interactive workshops for networking, exchanging ideas, and collaboration. Attendees can witness on science and technology through technology showcases and exhibitions, fostering advanced studies collaboration, innovation, and knowledge-sharing to create a better, the advancement of future.



# THRUST AREAS

- ✓ Biotechnology and Bioprocessing
- ✓ Agricultural Biotechnology
- ✓ Biotechnology and Healthcare innovation
- ✓ Cutting edge technologies in -omics
- ✓ Nano and Green chemistry
- ✓ Environmental Chemistry
- ✓ Polymer Chemistry
- ✓ Structural biology and drug discovery
- ✓ Environmental Microbiology
- ✓ Advancements in Digital Forensics and Cybercrime Investigations
- ✓ Future Trends and Emerging Technologies in Forensic Science
- ✓ Plant animal interaction
- ✓ Plant pathology and plant-microbe interaction
- ✓ Ethnobotany
- ✓ Environmental Pollution
- ✓ Forest and Soil Ecology
- ✓ Biodiversity and Conservation
- ✓ Current Trends in Animal Science

# CALL FOR ABSTRACTS

The authors are required to submit an abstract original, unpublished paper not exceeding 200 words without figures and tables. The abstract should include:

- ✓ Title MS Word in Times New Roman (Size 14 Points) in single spacing.
- ✓ Authors name MS Word in Times New Roman (Size 12 Points).
- ✓ Affiliation : MS Word in Times New Roman (Size 12 Points).
- ✓ Abstract MS Word in Times New Roman (Size 12 Points) in single spacing.
- ✓ Structured abstract template is present in <https://docs.google.com/document/d/1-v9uYRerzK2LTGTKy6oo21BnvGdZT2dmT5ZmHfCbOW8/edit> .

The abstract should briefly include the purpose of the study, methods, results, and conclusions. At the bottom of the page, please indicate the category (thrust area). Submission of abstract can be made online through the official website [www.kalingauniversity.ac.in](http://www.kalingauniversity.ac.in) or by e-mail to [scienceconference@kalingauniversity.ac.in](mailto:scienceconference@kalingauniversity.ac.in).

## POSTER PRESENTATION

- ✓ On evaluation, the abstracts may be selected either for Oral or Poster presentation.
- ✓ The Organizers will confer Best Oral and Best Poster Awards based on the quality of presentations as would be adjudicated by the Panel of Experts.

**The Poster size should be 48 “ X 60” inches**

## REGISTRATION FEE PAYMENT

Registration fee should be paid either in cash or in Electronic Transfer to:

### **BANK ACCOUNT DETAILS:**

IFSC Code No. : ICIC0003907

SWIFT CODE : ICICINBBCTS

A/c No. : 390701000010

Bank Name : ICICI Bank

Account Name : Kalinga University

### **SCAN TO PAY**



## **REGISTRATION FEE:**

Delegate of Industry : **INR 2500.00**

Faculty/Scientist : **INR 1500.00**

Research Scholar/Ph.D Pursuing : **INR 1000.00**

UG / PG Students : **INR 800.00**

Student at Kalinga University : **INR 500.00**

### **Note:**

- ✓ Accommodation Facility is available on a chargeable basis: INR 600/- per day inclusive of Food (Air Cooled Room, 3 Meals per day & Other Amenities).
- ✓ Transport Facility available from common pickup point (Free, while special pickup and drop facility may be provided on chargeable basis).

## **HOW TO REACH**

### **Railways**

Raipur Junction railway station is situated on the Howrah-Nagpur-Mumbai line of the Indian Railways (via Bhusawal, Nagpur, Gondia, Bilaspur, Rourkela, Kharagpur) and is connected with most major cities.

### **Airport**

Swami Vivekananda Airport is the primary airport serving the state of Chhattisgarh. The airport is located 15 km south of Raipur near Atal Nagar.

## **Important Dates**

Early bird registration & abstract submission :

**January 15, 2024**

Late registration & Last date of abstract submission :

**January 30, 2024**

(Late fee admissible for late registration)

Full-length paper submission : **February 10, 2024**

**\* Publication charges admissible according to Journal**

## CHIEF PATRONS

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Kalinga University, Naya Raipur

**Dr. Ajay Harit**  
Associate Professor  
Department of Zoology  
Kalinga University, Naya Raipur

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Assistant Professor,  
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Kalinga University

**Ms. Sarvaree Bano**  
Assistant Professor,  
Chemistry  
Kalinga University

# CHIEF GUEST

## 1. Dr. Bhaskar Narayan

Director, Vishvigyan Bhawan  
31, Mahatma Gandhi Marg, Lucknow

# INTERNATIONAL SPEAKERS

## 1. Dr. Arshad Salman Kasam Jani

Professor, Department of Microbiology  
Sawa University, Samwah, Iraq

## 2. Dr. Bharati Pandi

Director of Molecular Research,  
Amguard Environment Technologies, USA

# NATIONAL SPEAKERS

## 1. Dr. P. Rajaguru

Professor and Head, Department of Life Science  
Central University of Tamil Nadu, Neelakudi, Thiruvavur

## 2. Dr. B. Ravichandran

Scientist-E & OICROHC(S), Bengaluru

## 3. Dr. V. Dhananjayan

Scientist-E & OIC-ROHC(S), Bengaluru

## 4. Dr. Ashok Pandey

Distinguished Scientist, CSIR- IITR, Lucknow

## 5. Dr. Mukund G Bodhankar

Senior Scientist APT Research Foundation Pune

## 6. Dr. Renu Bhatt

Professor, Department of Biotechnology  
Guru Ghasidas University, Bilaspur



## **7. Dr. Manas Kanti Deb**

Professor and Head, SoS in Environmental Science,  
Director (NCNR), Coordinator (DST-PURSE)  
Pt. Ravishankar Shukla University, Raipur

## **8. Prof. Tarun Kumar Thakur**

Professor, Department of Environment  
Indira Gandhi National Tribal University, Raipur

## **9. Dr. B.S. Balaji**

Professor in Chemistry, Department of Biotechnology, JNU, Delhi

## **10. Dr. Dwarakanath**

Distinguished Scientist & Professor  
Ex Member Secretary,  
Pondicherry Pollution Control Board, Tamil Nadu

## **11. Dr. Kalaiselvi**

Distinguished Professor & Scientist  
PSG CAS, Tamil Nadu

## **12. Dr. S. Muralidharan**

Director (Retd), Salim Ali Center for Ornithology and Natural History  
MOEF & CC, Govt of India, Coimbatore, Tamil Nadu

## **13. Dr. M. Palanivel**

Distinguished Professor and Research Consultant  
Green Link Analytical & Research Laboratories, Tamil Nadu

# ORGANISING COMMITTEE MEMBERS

## Dr. Indrani Sarkar

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## Dr. Faiz Bux

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Kalinga University

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## Ms. Bidisha Roy

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College Nawapara

# International Conference on Future Aspects of Science & Technology (ICFAST 2024)

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**February 27<sup>th</sup> – 28<sup>th</sup>, 2024**

## **REGISTRATION FORM**

*(Please Complete in Block Capitals)*

Name (Prof. / Dr. / Mr. / Ms.) \_\_\_\_\_

Job Title: \_\_\_\_\_

Organisation with Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Birth: \_\_\_\_\_

Gender: Male / Female / Others

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Title of the Paper: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Preferred Method of Presentation: [  ] Oral [  ] Poster

Accommodation Required: Yes / No

Duration of Accommodation: \_\_\_\_\_

Transaction ID: \_\_\_\_\_

Signature with Date: \_\_\_\_\_

**NOTE: Registration fee should be paid in Kalinga University Bank Account.**



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Get in Touch:



[www.kalingauniversity.ac.in](http://www.kalingauniversity.ac.in)



Village Kotni, Near Mantralaya,  
Atal Nagar-Nava Raipur,  
Chhattisgarh 492101