

**INTERNATIONAL CONFERENCE
ON
UNMANNED AERIAL VEHICLE
TECHNOLOGY AND THEIR
APPLICATIONS (ICUAV)-2025
July 3 – 5, 2025**

REGISTRATION FORM

Link:

<https://docs.google.com/forms/d/e/1FAIpQLScRefS18WZO1FbdU7pOP4V-pLWULvUISj-hiKeFz9V3yv6Jig/viewform?usp=sharing>

Online Payment must be made to:

Account Name: **National Institute of Technology,
Raipur**

Account No.: **38027633250**

IFSC Code: **SBIN0002852**

Bank Branch Code: **02852**

Swift Code: **SBININBB646**

MICR Code of Bank: **492002004**

Do registrations with Paper ID after acceptance and confirm participation by 01-05-2025. If any clarifications needed may contact @ 6 - 7 PM IST on +91 7780137593

Address for Correspondence

Secretary

Dr. A. D. Prasad, CE, NIT Raipur

Dr. N.V. Swamy Naidu, ME, NIT Raipur

E-mail:- icuav2025@nitrr.ac.in

For updated regularly visit

Conference website: <http://icuav2025.nitrr.ac.in>

Patron

Dr. N.V. Ramana Rao, Director, NIT Raipur

Chairperson

Dr. S.L. Sinha ME (HoD), NIT Raipur

Co-Chairs

Dr. Shirish V. Deo, CE (HoD), NIT Raipur
Dr. L V Narasimha Prasad, IARE, Hyderabad

Secretary

Dr. A. D. Prasad, CE, NIT Raipur
Dr. N.V. Swamy Naidu, ME, NIT Raipur
Dr. Y.D. Dwivedi, AE, IARE, Hyderabad
Mr. Ratnesh M, IDYM Foundation, Raipur

Organizing Committee Members

Dr. B D Y Sunil, IARE, Hyderabad
Dr. R. Suresh. Kumar, NIT Raipur
Dr. Ajay Vikram Ahirwar, NIT Raipur
Mr. Shiv Singh B, IDYM Foundation

Advisory Committee Members

Dr. S. Sanyal, NIT Raipur
Dr. Samir Bajpai, NIT Raipur
Dr. Shohel Amin, Coventry University United Kingdom
Professor, Firoz Alam, RMIT University, Australia
Dr. Kamal Jain, IIT Roorkee
Dr. K.V. Jayakumar, IIT Dharwad
Dr. Anuj Jain, Professor, MNIT Allahabad
Dr. Hafeza Akther, MoE Bangladesh
Dr. Raja Singh, DRDL, Hyderabad
Dr. P K Garg, IIT Roorkee
Dr. S. K. Katiyar, MANIT Bhopal
Dr. M. K. Verma, NIT Raipur
Dr. Ramakar Jha, NIT Rourkela
Dr. G.D. Ramtekkar, NIT Raipur
Dr. Damodar Reddy Edla, NIT Goa
Dr. Saeed Badeli, Groupe Conseil SCT inc. Canada
Dr. R K Tripathi, NIT Raipur
Dr. U.K. Dewangan, NIT Raipur
Dr. Simone Raschia, STS Mobile Srl Italy
Dr. Raaj Ramsankaran, IIT Bombay
Dr. A. K. Desai, IIT Kharagpur
Dr. M. Janga Reddy, IIT Bombay
Mr. H. Venkateswara Raju, AECOM Qatar
Dr. G. Appa Rao, Canada.
Dr. S. P. Singh, NIT Jalandhar
Dr. Julian David, UMass USA
Mr. Sasa Mitrovic, FOI Croatia
Dr. B. Mukand Singh, AIT Thailand
Dr. S. Mohana Sundaram, AIT Thailand
Dr. Saeid Eslamian, IUT Iran
Dr. M. C. Maniquiz-Redillas, DISU Manila

**INTERNATIONAL CONFERENCE
ON
UNMANNED AERIAL VEHICLE
TECHNOLOGY AND THEIR
APPLICATIONS (ICUAV)-2025**

July 3 – 5, 2025



Organized by



**Department of Civil Engineering
and
Department of Mechanical Engineering
National Institute of Technology
Raipur
&
Institute of Aeronautical
Engineering, Hyderabad
&
IDYM foundation, Raipur**

About the Institute:

National Institute of Technology Raipur is situated in the capital of state of Chhattisgarh, India. It has proven to be 'avant-grade' in the field of science and technology over past few decades in this region with the sweet memories of foundation ceremony by the first Hon'ble President of India, **Dr. Rajendra Prasad**, on 14th September 1956. The institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our first Hon'ble Prime Minister of India, **Pt. Jawahar Lal Nehru** on 14th March 1963. From 1st December 2005, the institute is enjoying the status of the National Institute of Technology (An Institute of National Importance). It is well connected with Mumbai, Delhi, Hyderabad, Kolkata, Bhopal, Ahmadabad, Bangalore, Chennai and Chandigarh by regular flights and is on the main Howrah-Mumbai railway route. The institute is on NH-6, the Great Eastern Road 5 km from the Raipur railway station and 18 km from Raipur airport.

About the Departments:

Civil engineering is the backbone for all type of developments. Civil Engineering involves the application of scientific principles and knowledge of mathematics, theory of mechanics and application of computers to the planning, analysis, design and construction for all type of infrastructures.

The Mechanical department started in the year 1958 and department offers undergraduate program (B. Tech.) in Mechanical Engineering and Postgraduate program (M. Tech.) in Thermal, Design, Industrial Engineering and Management. Department also offers Ph.D. program in all relevant discipline of Mechanical Engineering including Thermal, Design, Production, and Industrial Engineering and Management.

Venue:

National Institute of Technology Raipur
G.E. Road, Raipur- 492010, India
Telephone Number +91-771-2254200
Fax: +91-771-2254600

Conference Objectives:

The aim of "ICUAV-2025" is to showcase state-of-art methodologies and technologies in unmanned aerial vehicle. It focuses new ideas and development to propagate latest innovations and practices. It provides an opportunity to network, collaborate and exchange ideas among the renowned speakers, researchers, faculties and students in Aerospace, Aviation, Architecture, Applied Geology, Civil & Environmental Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Telecom. Engineering, Information Technology, Mechanical Engineering, Mining Engineering, Metallurgy Engineering etc.

Theme/Scope:

- Bioinspired aerial platforms
- Hybrid platforms
- UAVs/MAVs System Design
- Vibration and Control on UAV's
- Advanced Manufacturing Technologies for UAVs
- Advancements in Material and Metallurgical Processes for UAVs
- Modelling, Analysis, Simulation, Testing Optimisation of UAV System
- Soft Computing, Artificial Intelligence, Machine Learning, Deep Learning, Image Processing, Cloud Computing of UAV derived products.
- IoT for UAV's
- UAV applications in Aerospace Engineering, Aviation Engineering, Architecture, Applied Geology, Civil & Environmental Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Telecom. Engineering, Information Technology, Mechanical Engineering, Mining Engineering, etc.

Call for Papers:

Prospective authors from academicians, industry, researchers from scientific establishments and educational institutes are invited to submit their full-length original, previously unpublished manuscript (not exceeding 8 pages including figures, tables, graphs and references) in Springer Journal format (.docx). All papers will go through peer review process along with plagiarism (<15%) check. Selected papers will be published in a scopus journal or in a book with an ISBN after presentation. For details please visit conference website: <http://icuav2025.nitr.ac.in>

Important Dates:

Submission of Full Paper	March 1, 2025
Notification of Acceptance	April 1, 2025
Conference Dates	3 - 5 July 2025

Registration Fee (GST included) Details:

Participants	Amount
Research Scholars/Students	₹ 4000
Academicians	₹ 5000
Industry Delegates	₹ 6000
International Participants	\$ 250

Note: The registration fee includes conference certificate, proceedings, and publication in book series.

Other Information:

- ❖ Send the filled in Registration form to the conference email id along with DD details.
- ❖ Fee is non-refundable.
- ❖ Intimation will be sent to the corresponding author by email as per the schedule.
- ❖ Certificates will be issued to the participants after attending and presenting their work.