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About the Institution

ACS College of Engineering, an institution of academic excellence was established in the year 2009 with a cherished desire to serve the cause of humanity through education. This college is affiliated to Visvesvaraya Technological University, Belagavi and has been approved by the All India Council of Technical Education, New Delhi. The College offers technical education in a range of engineering disciplines including new age ones such as Aeronautical Engineering and Bio-Medical Engineering. ACSCE equips its students not only with the technical knowledge to enable them to meet the challenges of global standards but also integrates value education, environmental awareness and communication skills into its curriculum to mould the students as responsible citizens. The college is located in a beautiful lush green landscape, free from polluted environment and excellent atmosphere and ambience ideally suited for growth of the soul & mind. It is located behind RRMCH on the Bengaluru-Mysore Highway 15 Km from the Bengaluru City Railway Station and 2km from kengeri Railway Station. The Institute has a strong anti ragging committee which is very proactive in looking after the whole college 24X7 including hostels.

About the Department

The Aeronautical Engineering was established in the year of 2010 with an intake of 60 and increased to an intake of 120 in the year of 2019-20. The Department is accredited with NBA, affiliated under VTU with AICTE recognition to meet the scope of burgeoning needs of Aerospace industry. Importance is given to full-fledged laboratories, Research activities & experienced Faculties with industrial exposure as well. Leading application of Science and Technology in Aeronautical and Aerospace engineering for global utility to produce and train responsible, competent, creative and innovative professionals in the field of aeronautical and aerospace engineering through world class academic and application programs.

Contact Address

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ACS COLLEGE OF ENGINEERING

#207, Kambipura, Mysore Road, Bengaluru-74



3rd NATIONAL CONFERENCE on

RECENT INNOVATIONS AND CHALLENGES IN AVIATION TECHNOLOGY - 2025

RICAT 2025

27th NOVEMBER 2025



Organized by

DEPARTMENT OF AERONAUTICAL ENGINEERING



<https://www.acsce.edu.in/department/aeronautical-engineering/>

Call for Papers

Papers are invited from industrial persons, academicians, Research scholars, PG, and UG students from every institution in the following area. Selected Papers will be endorsed for UGC approved /Google Scholar Indexed journals.

- ❖ Aerodynamics
- ❖ Aircraft structures
- ❖ Composite materials
- ❖ Combustion Technology
- ❖ Aircraft Design
- ❖ Airport Management
- ❖ Structural Analysis
- ❖ Helicopter Engineering
- ❖ Aircraft Controls
- ❖ Unmanned Aerial Vehicles
- ❖ Aeroacoustics
- ❖ Air-breathing Propulsion
- ❖ Astrodynamics
- ❖ Autonomous Flight
- ❖ Computational Fluid Dynamics
- ❖ Flight Testing
- ❖ Avionics
- ❖ Rotorcraft Engineering
- ❖ Space Propulsion and Plasmas
- ❖ Structural Dynamics and Adaptive Structures
- ❖ Vehicle Dynamics and Control
- ❖ Experimental Fluid Dynamics
- ❖ Smart Materials

About the Conference

National conference on Recent Innovations and Challenges in Aviation Technology (RICAT 2025) is focused primarily on Aeronautical engineering research and development, but encompasses perspectives from many engineering disciplines. RICAT 2025 is the place for you to present your technical research and expertise, while also learning from and connecting with many of your peer researchers on a national level. At RICAT 2025, the experience stimulating innovation from basic discovery to translational application of new approaches. This conference will provide with more broad, salient perspectives and knowledge-sharing on technical advances within Aeronautical engineering, than RICAT 2025.

After completion of registration process, kindly join in our WhatsApp group for further communications



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Dates and Deadlines

Dead Line for Abstract: 7th Nov 2025

Acceptance of Abstract: 14th Nov 2025

Dead Line for Full Length Camera Ready

Format: 21st November 2025

Early Bird Registration: 25th November 2025

Conference date: 27th November 2025

Submission and author guidelines

The authors are requested to submit the full-length research papers on the mentioned topics are invited in soft copy of maximum number of pages per paper should not exceed 12 with portrait page orientation in A4 size. Soft copy of the paper should be sent to ricat2k25@gmail.com

Registration Link

<https://forms.gle/yio8DgJbQsT8C7bs6>



Registration Fee

Indian Delegates	Registration Fee (Per Paper)
UG Students	Rs. 400
PG Students /Research Scholars/Faculty/ Industry delegates	Rs. 500

The delegate's registration fee covers the cost of Soft copy of Conference proceedings, Refreshments and hard copy of the certificate. Registration fee is payable at following bank account or by UPI Money transfer.

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