

## Advisory Committee

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### Patrons

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Dr. M. S. Murali, Principal, ACSCE  
Dr. S. Selvanandan, Vice Principal, ACSCE

### Convenor

Dr. G. Ramanan, HOD, Aeronautical Engineering, ACSCE

### Institution Advisory Committee

Dr. P. Theerthamalai, Professor & Dean, ACSCE and  
Former Director-DRDL, Hyderabad  
Dr. A K Sarkar, Professor, ACSCE & Former Technology  
Director-DRDL, Hyderabad  
Prof. P Soma, Professor, ACSCE & Former Deputy  
Director-ISTRAC, ISRO, Bangalore

### Organizing Committee

Dr. Inamul Hasan, Associate Professor, AE, ACSCE  
Dr. Anand A, Associate Professor, AE, ACSCE  
Prof. Dhanya Prakash R. Babu, Asst. Professor, AE, ACSCE  
Prof. Radha Krishnan P, Asst. Professor, AE, ACSCE  
Prof. Albert Allen D Mello, Asst. Professor, AE, ACSCE  
Prof. Satish Hiremath, Asst. Professor, AE, ACSCE  
Prof. Ganesh R, Asst. Professor, AE, ACSCE

### National Advisory Committee

Shri. Ashwin Chandar O R, Scientist-FS, Technology  
Director, ASL, Hyderabad  
Dr. Rohith I J, Hindustan University Chennai  
Dr. Suresh, Professor, Anna University, Tamilnadu  
Shri. T K Sundaramurthy, Former Mission Director,  
ISRO, Bangalore  
Dr. Diyu Samuel, Professor and Head, Rajadhani Institute  
of Engineering & Technology, Kerala  
Dr G Balu, Scientist (retd), DRDL, Hyderabad  
Dr. Anil Kumar, Professor and Head, Noorul Islam  
University, Tamilnadu  
Shri. G Vishwanathan, Former Director, ISRO, Bangalore  
Prof. Chaman Lal Ojha, Former Project Director, VSSC,  
Trivandrum  
Shri. R. Arunachalam, Scientist (retd), URSC, Bangalore  
Dr. Ajith Raj, Professor, Malla Reddy College of  
Engineering and Technology, Hyderabad  
Shri. Tamilarasu, CEO, Aerotics Technologies, Bangalore  
Dr. Bino Prince Raja, Professor and Head, Global  
Academy of Technology, Bangalore  
Dr. Guruprasad, Scientist (retd), ISRO, Bangalore

## 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 students 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. The Department aim at 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

The Convenor,  
RICAT2K23,  
Department of Aeronautical Engineering,  
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### CONTACT NUMBERS

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# ACS COLLEGE OF ENGINEERING

#207, Kambipura, Mysore Road, Bengaluru-74



## NATIONAL CONFERENCE on RECENT INNOVATIONS AND CHALLENGES IN AVIATION TECHNOLOGY - 2023 RICAT-2K23 09<sup>th</sup> MAY 2023



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 (RICAT2K23) is focused primarily on Aeronautical Engineering research and development, but encompasses perspectives from many Engineering disciplines. RICAT2K23 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 RICAT2K23, one can experience stimulating innovation from basic discovery to translational application of new approaches. This conference will provide with broad based salient perspectives and knowledge-sharing on technical advances within Aeronautical and Aerospace Engineering.

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



**SMARTFLY ADVENT - FLIGHT SIMULATOR**

## Dates and Deadlines

Dead Line for Abstract: 10<sup>th</sup> April 2023  
Acceptance of Abstract: 20<sup>th</sup> April 2023  
Dead Line for Full Length Camera Ready Format: 1<sup>st</sup> May 2023  
Early Bird Registration: 5<sup>th</sup> May 2023  
Conference date: 09<sup>th</sup> May 2023

## 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 [ricat2k23@gmail.com](mailto:ricat2k23@gmail.com)

## Registration Link

<https://tinyurl.com/RICAT-23-AERO-Reg>

## Registration Fee

| Indian Delegates<br>(Maximum 4 Authors)                          | Registration<br>Fee<br>(Per Paper) |
|--|------------------------------------|
| UG Students  | Rs. 400                            |
| PG Students /Research<br>Scholars/Faculty/<br>Industry delegates | Rs. 500                            |

The delegate's registration fee covers the cost of Softcopy of Conference proceedings, Refreshments and hard copy of the certificate. Registration fee is payable at following bank account or by NEFT/IMPS.

## For money transfer:

A/C Name : ACS COLLEGE OF ENGINEERING

A/C No: 263701000138

BANK NAME: ICICI Bank

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IFSC CODE: ICIC0002637