

ABOUT THE INSTITUTE

The College was started in the year 1997 to promote education and research in the field of engineering and Technology. The College offers 12 UG programs, nine PG programs, and seven departments have been approved for research by Anna University. The TUV NORD has awarded the ISO the College: 9001:2008 certifications in 2011, for maintaining high academic standards. The National Board of Accreditation, New Delhi, has accredited eight departments of our college. The college attained its autonomous status in 2017 by UGC. A Centre of Excellence for MEMS & Micro fluidics (CEMM) functioning at REC has the laboratory facilities such as National MEMS Design Centre, Electronics Wet lab

ABOUT THE DEPARTMENT

The Department of Aeronautical Engineering at REC is making great effort in imparting knowledge and skill to meet the expectations of aircraft industry.. The department of Aeronautical Engineering started Functioning since 2005.NBA has accredited the department

The department has well-equipped laboratory facilities and faculty to prepare the students to meet future requirements in the field of aviation. Currently, the faculty members and students of the department are involved with research projects funded for 9.35 lacs by UGC in the areas of high-speed jets and aero-acoustics.

ABOUT AeSI

The Aeronautical Society of India (AeSI) was founded on November 17,1948 inaugurated by Jawaharlal Nehru, Prime Minister of India. The objective is to promote the advancement and dissemination of knowledge of Aeronautical Technologies.

The Society has grown into a major Professional body in the field of Aeronautics, Aviation & Aerospace. The Society has 17 branches at all the important centers of aviation in the country

PROGRAM OBJECTIVE

Recent studies reveals that 80% of leading executives within the aerospace and defense industries expect that every part of their workforce will be directly affected by Artificial Intelligence (AI) based decisions by 2021. This seminar will promote the knowledge about the immense impact of AI technologies will have on the aerospace industry in the near future. From smart maintenance to training and more. This workshop will lead to a wide spectrum of Academicians /Students and Researchers in knowledge sharing and discussions.

TOPICS COVERED& SESSION

1. Recent trends of **AI** in Aerospace sectors
2. Ways of **AI** could transform the aerospace industry
- 3.**AI** on Robotics
4. Live demo on Control of UAV using **AI** by **Barola Technologies**

RESOURCE PERSONS

1. Mr. D. Uma Maheswar
Executive Chief Consulting Engineer
John F Welch Technology Centre
GE Aviation

2. Mr. Antony George
Chief Architect
(Enterprise Intelligent Automations & Artificial Intelligence)
Tata Consultancy Services

3. Dr. Satheesh Kumar
Professor, Dept. of Mechanical Engg.
SSN College of Engg. Chennai

4. Mr.Suresh Barola & his team
Barola Technologies



RAJALAKSHMI
ENGINEERING COLLEGE

One-day National Level Technical Seminar

on

**AI in Aerospace –
Innovations & Challenges**



7th September 2019

In association with

Aeronautical Society of India



Organized by

**Department of Aeronautical Engineering
Rajalakshmi Engineering College**

(An Autonomous Institution-
Affiliated to Anna University, Chennai)

Thandalam, Chennai – 602 105

Ph: 044-37181111



Registration Form

AI in Aerospace – Innovations & Challenges

7th September 2019

1. Name:
2. Designation:
3. Qualification:
(Degree, Specialization)
4. Age & Gender:
5. Experience:
6. Institution:
7. Mobile:
8. E-mail:

Place:

Date:

Signature of the applicant

ADVISORY COMMITTEE:

Dr. (Mrs.) Thangam Meganathan,
Chairperson, REC
Mr. Abhay Shankar Meganathan, M.S.,
Vice Chairman, REC
Dr. C. R. Muthukrishnan, Advisor, REC
Dr. S. N. Murugesan, Principal, REC
Dr. Yogesh Kumar Sinha, Prof. & Head, Aero, REC
Dr. N. Muthusamy, Prof., Aero, REC

ORGANIZING COMMITTEE:

Mr. Surendra Bogadi (Asst. Prof.) (SG), Aero, REC
Mr. R. Balaji (Asst. Prof.) (SS), Aero, REC
Mr. Ezhilmaran G (Asst. Prof.) (SS), Aero, REC
Mr. Dinesh Kumar P K (Asst. Prof.), Aero, REC
Mr. Shebaz Ahmed J P (Asst. Prof.), Aero, REC
Ms. Jayashree T R (Asst. Prof.), Aero, REC
Mr. Rahul B (Asst. Prof.), Aero, REC
Mr. Chiranjeevi S (Asst. Prof.), Aero, REC
Ms. Dharani J (Asst. Prof.), Aero, REC

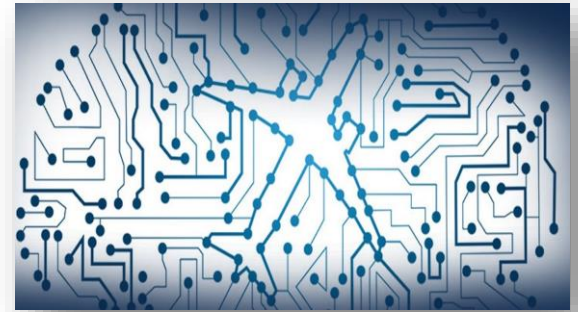
REGISTRATION FEE

PG/UG Students (Member of AeSI) – Rs. 100/-
PG/UG Students (Non-Member of AeSI) – Rs. 200/-
Faculty/Research Scholars – Rs. 500/-
Professionals from Industries/R&D – Rs. 1000/-

You can send the scanned copy of duly filled in Registration forms to the coordinator through e-mail hod.aero@rajalakshmi.edu.in or fill in the **google form link**

https://docs.google.com/forms/d/e/1FAIpQLSdbR0KrE8CEw28gduW5AEZWZwflnonq_0ul4dpTBH2HThOagA/viewform?usp=pp_url on or before **5.09.2019**

The number of participants is limited.
The selection will be on first cum first serve basis.
No TA/DA will be provided.



AI in Aerospace – Innovations & Challenges



COMMUNICATION DETAILS

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Department of Aeronautical Engineering



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