



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES



**NAFEMS**



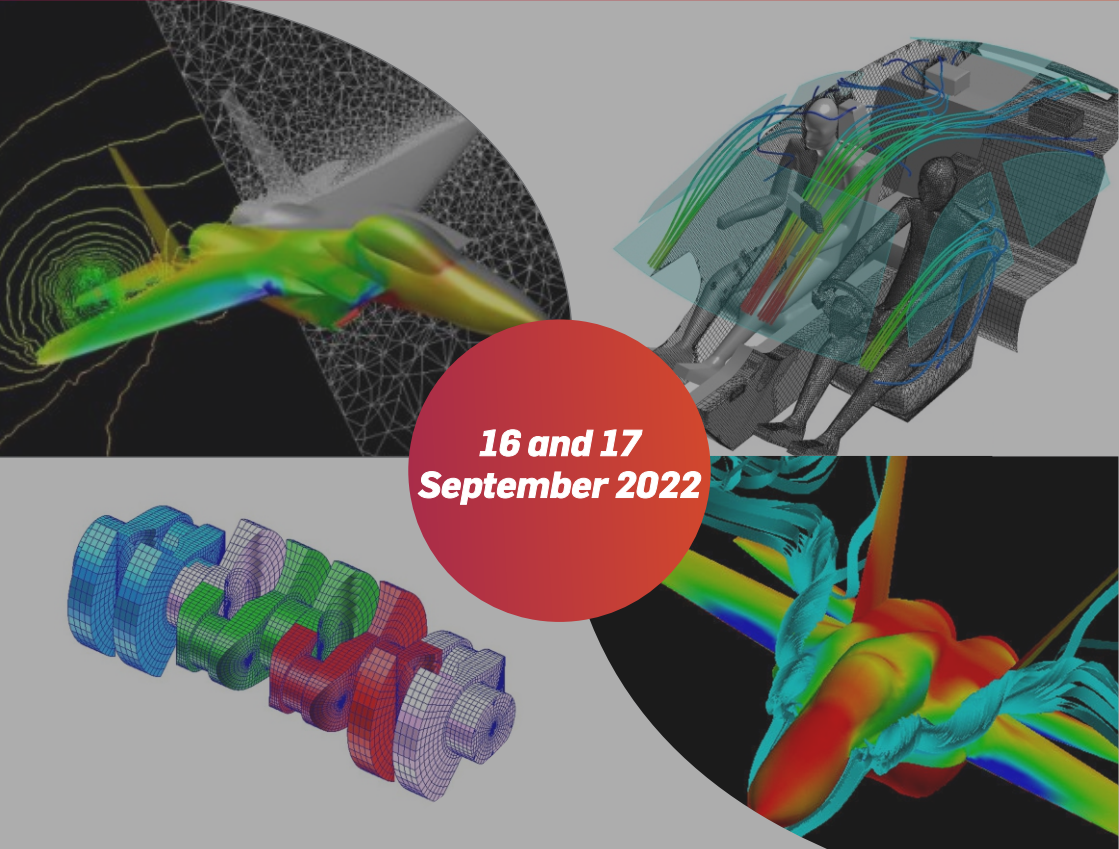
**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)



# **SYMPOSIUM**

**ON**

## **Engineering Analysis for Product Development - Industry 4.0 Era**



**16 and 17  
September 2022**

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

# ABOUT RUAS

Ramaiah University of Applied Sciences (RUAS), a state Private University aims to focus its programs on student centric higher education.

Students can expect to experience an integrated approach to academic, research, training, real life problem solving and entrepreneurship.

The University, at present, offers undergraduate, postgraduate and doctoral programs in Engineering and Technology, Art and Design, Management and Commerce, Hospitality Management and Catering Technology, Pharmacy, Dental Sciences, Mathematical and Physical Sciences, Life and Allied Health Sciences and Medical and Nursing Sciences.

# ABOUT NAFEMS

The International Association for the Engineering Modelling, Analysis and Simulation Community.

NAFEMS, established in 1983, are a not-for-profit organisation focusing on the practical application of numerical engineering simulation techniques such as the Finite Element Method for Structural Analysis, Computational Fluid Dynamics (CFD) & Multibody Simulation.

As the only independent organisation dedicated to the engineering analysis & simulation community, NAFEMS are proud to provide you with the 2022 Regional Conference Series in America, DACH, Eastern Europe, France, Iberia, Nordic & the UK. NAFEMS' events are widely held to encompass the broadest and most accurate view of the community available.

# COMMITTEES

## Advisory Committee:

Chief Patron: **Dr. M. R. Jayaram**, Chancellor, Ramaiah University of Applied Sciences

Patron: **Mr. M. R. Sreenivasa Murthy**, Chief Executive, Gokula Education Foundation (Medical)

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**Prof. Anindya Sen**, Pro- Vice Chancellor (Social Sciences), RUAS

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**Dr. Mahendra Babu N. C.**, HoD, ME

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**Dr. Shashank Vadlamani**, Assistant Professor, AAE

**Mr. B. U. Balappa**, Assistant Professor, ME

**Mr. Goutham N**, Assistant Professor, FD, FAD

**Mr. Manish Haveri**, Assistant Professor, CE

**Mr. B. Sathyannarayana**, Head Admin, RTC

## TOPICS

- Shaping the future of Aircraft Certification through Advanced Modelling and Simulation
  - Advanced Internal Flow simulations at Airbus for efficient Aero-Thermal Engineering
  - Digital Transformation in Product Development in the era of Industry 4.0
  - Integrated Approach involving Numerical, Topology Optimisation and Additive Manufacturing for Weight Reduction of Structural Components
  - Innovation through Engineering Simulation: The Real-World Perspective
  - Asset Management in the Digital Age: Enriching Expertise with “Smart” Solutions
  - Product Development through Engineering Analysis: A Perspective from Industry and Academic
- etc.,

## EXPERT SPEAKERS FROM

**AIRBUS**

**GTRE**

**GENERAL ELECTRIC (GE)**

**LARSEN & TOUBRO (L&T)**

**COLLINS AEROSPACE**

**HYDAC**

**DHIO RESEARCH LAB**

**WIPRO**

etc.,

## Registration Fees:

1. Student participants : Rs. 1000
2. Faculty participants : Rs. 1500
3. Industry participants : Rs. 2000

## Account Details:

Transfer Details: Through RTGS or NEFT  
Account Name: M. S. Ramaiah University of Applied Sciences  
Account Type: Savings Account  
Account Number: 914010033410657  
IFSC: UTIB0000559  
Bank & Branch: Axis Bank, Rajajinagar, Bengaluru  
GST No: 29AADAM2496AIZN

## Scan to Register:



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## Venue Details:

**Date** : 16 and 17 September 2022 (09:30 A. M. – 04:30 P. M.)

**Venue** : Ramaiah Technology Campus, Ramaiah University of Applied Sciences,  
Peenya, Bengaluru -560058

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