



**Dr. G. SATHEESH REDDY**  
Member, National Security Advisory Board  
President, Aeronautical Society of India, New Delhi  
Former Scientific Advisor to Raksha Mantri.

Dr. G. Satheesh Reddy, a renowned defence and aerospace scientist, acclaimed for his significant contributions to Defence R&D and technology leadership spanning several decades. He joined Defence Research and Development Laboratory (DRDL) in the year 1986 and subsequently at Research Centre Imarat (RCI), the brain child of Dr. Kalam, after its formation. He started his journey as a young navigation engineer and later as Technology Director developing many inertial sensors and diversified hybrid navigation systems making India self-reliant in navigation technologies. Dr Reddy spearheaded the development of advanced avionics as Director, Research Centre Imarat (RCI) and headed Dr APJ Abdul Kalam Missile Complex as Director General, Missiles and Strategic Systems.

During his illustrious career, he held many prestigious appointments in Government of India as the Secretary Department of Defence R&D, Chairman, Defence Research and Development Organisation (DRDO), Director General, Aeronautical Development Agency (ADA) & the Scientific Adviser to Raksha Mantri (SA to RM). He is presently the President of Aeronautical Society of India, a leading professional body in the field of aeronautics, aviation and aerospace, founded in 1948 in India. His phenomenal contributions made India self-reliant in many critical areas and enhanced defence exports substantially. Dr Reddy is the chief architect of country's first Anti-Satellite missile test (ASAT) "Mission Shakti", elevating India to the elite club of four nations. A visionary, Dr Reddy was instrumental in formulation of many progressive policies, strategies & initiatives for strengthening defence R&D eco-system in India. He played a vital role in combating COVID-19 pandemic. Under his leadership, DRDO developed more than 75 product

In recognition of his path-breaking contributions to Defence R&D, he has received numerous International, National and DRDO awards. He is the first Indian in over 100 years to be conferred with the prestigious Honorary Fellowship and Silver Medal by the Royal Aeronautical Society London, an internationally renowned Scientific Society founded in 1866. He has been conferred with over 25 Honorary degrees of Doctorate from reputed institutes.



# Invitation



**DEPARTMENT OF MECHANICAL ENGINEERING**  
UNIVERSITY COLLEGE OF ENGINEERING (A)  
OSMANIA UNIVERSITY, HYDERABAD, TELANGANA STATE

You are cordially invited to attend  
**12<sup>th</sup> ENDOWMENT LECTURE OF PROF. ABID ALI**

By  
**Dr. G. SATHEESH REDDY**  
Member, National Security Advisory Board  
President, Aeronautical Society of India  
Former Secretary, Dept. of Defence R&D and  
Chairman DRDO &  
former Scientific Adviser to Raksha Mantri

Had kindly consented to deliver the  
Endowment Lecture on

## ADVANCED TECHNOLOGIES AND CHANGING WARFARE

**Venue:**  
e – Class Room  
(Main Building)  
University College of Engineering (A)  
Osmania University, Hyderabad

**Date & Time:**  
9<sup>th</sup> January, 2026, at 5 p.m.

**Prof. Abid Ali Endowment Committee**

**RSVP**  
Ph: 8331040964, 9866584298

## PROGRAMME

- 5.15 pm : High Tea
- 5.30 pm : Inviting the dignitaries on to the Dias  
**Prof. M. Chandra Sekhar Reddy**  
Professor  
Department of Mechanical Engineering  
University College of Engineering (A)  
Osmania University
- 5.35 pm : Welcome Address  
**Prof. B. Hadya**  
Head, Department of Mechanical Engineering  
University College of Engineering (A)  
Osmania University
- 5.45 pm : Address by  
**Prof. P. Chandra Sekhar**  
Principal, University College of Engineering (A)  
Osmania University
- 6.00 pm : Presidential Address  
**Sr. Prof. Kumar Molugaram**  
Hon'ble Vice-Chancellor  
Osmania University
- 6.15 pm : Endowment Lecture  
**Dr. G. Satheesh Reddy**  
Member, National Security Advisory Board  
President, Aeronautical Society of India, New Delhi  
Former Scientific Advisor to Raksha Mantri
- 7.15 pm : Presentation of Mementoes
- 7.20 pm : Vote of Thanks  
**Prof. L. Siva Rama Krishna**  
Chairman, Board of Studies (A)  
Department of Mechanical Engineering  
University College of Engineering (A)  
Osmania University

**Prof. Abid Ali Endowment Committee**

## Prof. ABID ALI (Jan 2, 1916 • March 11, 1996)



Professor Abid Ali, son of Dr. Zahid Ali and Sara Begum was born in Hyderabad, India. After schooling in Aliya and Nizam College in Hyderabad, he obtained B.Sc. (Hons) with distinction from Madras University in 1935. He received B.Sc. (Hans) Degree in Engineering from the University College, London in 1937. He then obtained a Diploma in Administration for Engineers from Manchester Municipal College of Technology in 1939. He worked for the Metropolitan Vickers Manufacturing Co. in England for two years.

He joined Osmania University as Reader in Mechanical Engineering in 1941. He became Professor and Head of the Department and later Principal of the University College of Engineering, Dean, Faculty of Engineering during 1960 to 1970. He was a member of the University Syndicate from 1965 to 1973 and in-charge Vice Chancellor of Osmania University from time to time. He was member of CSIR Staff Selection Committee, UPSC and Institution of Engineers (India). He also had the distinction of serving on the panel of Engineering Technology Board for promotion of Urdu, Ministry of Education and Social Welfare, Government of India. He was elected member of the Institution of Engineers, India, and the Institute of Mechanical Engineers, London, Professor Abid Ali retired after serving Osmania University for 34 years, in recognition of which the President of India bestowed upon him a special citation at its Diamond Jubilee Celebrations in 1979. After retirement from Osmania University, he accepted the Challenge of establishing MuffakhamJah College of Engineering as its first Principal, a position beheld for 4 years during which he was able to guide the institution through its most difficult period.

Professor Abid Ali was a legend of his time and leaves behind a multitude of enduring legacies. These include teaching and inspiring thousands of students who themselves have attained excellence, a fact he considered as the best tribute and reward for his efforts. He established awards in the memory of Dr. Zahid Ali and Dr. Arastu Yar Jung for higher learning in Arabic studies and Medicine at two prestigious Universities in India. He also donated a large collection of unique ancestral manuscripts and books to the library of the institute of Islamic Studies, London, England.

He is admired for his simplicity and compassion for the poor and underprivileged. An idealistic man, he was steadfast in his resolve. Prof. Abid Ali is survived by his beloved wife, Bliquis Begum, five children and nine grandchildren.