



IEEE Power & Energy Society NITC Student Branch Chapter

in association with

Electrical Engineering Association, NITC

and

Industrial Power Group, NITC

cordially invites you

for celebrating the

53rd ENGINEER'S DAY

THEME: ENGINEERS FOR A
SELF-RELIANT INDIA

15th September, 2020

10:00 AM - 11:00 AM - **Invited Guest Talk by
Padma Shri. Dr. Nagarajan Vedachalam**

03:30 PM - 05:00 PM - **"Commitment
of Engineers to the Society"- Prof. Sajith V.
Associate Professor & Head, School of
Material Science and Engineering, NITC**



**Bharat Ratna Sir Mokshagundam
Visvesvaraya**

1860 - 1962

Speaker of the Day:



Padma Shri Dr. Nagarajan Vedachalam

Former Director, Liquid Propulsion
Systems Centre, Indian Space Research
Organisation(ISRO), Government of India

Recipient of:

- 'Padma Shri' for his outstanding contributions to science and Engineering by the President of India on the 54th Republic Day.
- Dr.Biren Roy Trust National Award in 1990.
- Astronautical Society of India Award in 1996.
- Institution of Electronics & Telecommunication Engineers Award in 1997.

About the speaker

Shri Nagarajan Vedachalam is an Indian space scientist, K. R. Ramanathan Distinguished Professor of the Department of Space and Distinguished Scientist Emeritus of Indian Space Research Organization. He is an 1964 engineering graduate from the University of Madras. Before joining the Indian Space Research Organisation in 1969, he worked for four years in Defence Research & Development Laboratory, Hyderabad, specializing in the development of an Anti-Tank Missile Gyroscope.

He joined ISRO in July 1969 as Scientist/Engineer at Space Science & Technology Centre, Thumba Trivandrum. In a career spanning over 34 years in Indian Space Research Organisation (ISRO), Shri.Vedachalam had held several important positions like Group Director, Navigation Guidance Control Group, Programme Director, Inertial Systems Laboratory and Director, ISRO Inertial Systems Unit at Thiruvananthapuram.

Shri. Vedachalam was responsible for the development of the most critical indigenous Inertial Measurement Unit for SLV-3, Stabilized Platform Inertial Navigation System for ASLV Strap Down' Inertial Navigation System for PSLV and GSLV Launch Vehicles of ISRO, Spacecraft Mechanisms like Momentum and Reaction Wheels and Inertial.

About this Day

September 15 is celebrated every year in the country since 1967 as "Engineers' Day" to commemorate the birthday of the legendary engineer Sir Mokshagundam Visvesvaraya. Sir Visvesvaraya, an eminent Indian engineer and statesman was born in a remote village of Karnataka, the State that is incidentally now the Hi-tech State of the country. Due to his outstanding contribution to the society, Government of India conferred "Bharat Ratna" on this legend in the year 1955. He was also called the precursor of economic planning in India. He went on to become India's most prolific civil engineer, dam builder, economist, statesman, and can be counted among the last century's foremost nation-builders.

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