



Presidential Address

by

Dr. L.V. Muralikrishna Reddy

Respected Dignitaries on the dais and Friends off the dais, the word '**Technology**' got impetus and vision for India as a superpower when the usage of fire by means of igniting young intellectual brains of India with great visionary thinking of **late Bharat Ratna Dr. A P J Abdul Kalam** who as a first citizen had driven the technology vision. We all engineers and technologists own a great deal to him. Unfortunately, he is not here with us today, but all our ignited minds remember him and we dedicate this Indian Technology Congress to him.

It is a great pleasure and an honour to stand before you at this third edition of the Indian Technology Congress.

I congratulate and thank the Organizers and its Professional Bodies and Supporters.

I am overwhelmed by the participation of a large number of enthusiastic technocrats, engineers and students delegates and a galaxy of expert Speakers. I am grateful to them for sharing their rich expertise and knowledge.

India's growing middle class population demands new products, systems, solutions and services at affordable price points. This requires innovation fuelled by technological and engineering excellence.

The Government of India announced several programmes for the inclusive economic growth and improvement of the life to its citizens. Many opportunities have opened up for engineers in the recently launched National Initiatives of Make- in-India, Digital India, World-class Infrastructure through Smart Cities, Swachh Bharat, Clean Energy, Clean Ganga Project, Skills India amongst others. These National Missions present substantial opportunity for Indian technocrats and engineers to contribute to the accelerated national development.



The World Economic Forum's Global Competitiveness Index notes that India is in the top tier with respect to availability of engineers and scientists. While the world recognizes and honors individual contributions of Indian engineers to the development of the economy and inclusive growth, "Indian Engineering" has not got the recognition it deserves. The need of the hour is to transform the way Indian achievements are looked at. I believe the Indian Technology Congress is the right platform to address this, and it will be our endeavor to transform the way Indian technology achievements are looked at, and help it get the recognition it deserves.

As President, IEI, the largest engineering professional body, I assure support to all the stake holders of technology development in the country. For some of the IEI initiatives, you may take opportunity to partner and engage with the enthusiastic representatives present here.

IEI should effectively use its Grant-in-Aid R&D outreach programmes to promote engineering & Technology to effectively engage with the Public Sector Enterprises to strengthen the Research & Development by adopting and leveraging an interdisciplinary approach.

Globalization has demonstrated that jobs can be moved from one country to another, and has emphasized the need to build competencies relevant to the changing scenarios. For this, I propose that we extract the maximum benefit from technology outcomes.

Innovation is the precursor to competitiveness and growth. It is also believed that the nation's ranking in innovation is linked to the investments in Research and Development. It is essential to build an alignment of engineering with R&D as per the international requirements. I propose to strengthen technology community through ITC for recognition and status as a major player in the promotion of R&D in the country:

Engineering research requires integration and synthesis of concepts across related disciplines, and collaboration between academia, industry and national research laboratories. To ensure that the industry participates contributes to the R&D efforts, IEI and other professional association should establish focused initiative Labs in different sectors at different places.



IEI has initiated steps to protect intellectual property and to pursue commercialization of research results through IEI's Intellectual Property and Patent Cells. I am pleased to notice their initial successes at NDRF through tech congress initiatives.

I feel that ITC should utilize and integrate the deep domain expertise available in various engineering disciplines. In addition, we should encourage the entrepreneurial zeal of students and early-stage technology innovation, design and research spinoffs from collaborative R&D programs to incubate new technologies in the ever-expanding MSME sector, which is the backbone of India's GDP growth.

I recommend that ITC should initiate a **“Research Conclave”** to inspire, motivate, and give thrust to engineering education and R&D. In addition, we need to bring together eminent practitioners of R&D, young engineers, and students in an informal atmosphere to encourage meaningful dialogue. These conclaves would also recognize the talent and research initiatives of individual organizations through **Awards and Rewards**.

To make this Indian Technology Congress unique, two Seminars at National level have been initiated, one is an **“Road and Rail Safety”** and another on **“Bio-engineering and Bio-medical Devices”**. Both the topics are going to generate lot of thought-provoking ideas for better quality of life.

On this occasion, I extend my heartiest congratulations to the ITC team for carrying out such wonderful task of organising the third Indian Technology Congress and I once again thank you for this opportunity of sharing my views.

I also wish that this Congress will pave the way for fruitful deliberations and deliver outcomes that will nurture future additions of ITC in order to promote collaborative networking with prospective stake holders.

Thank you,

(L.V. MURALIKRISHNA REDDY)

Chairman – National Advisory Committee
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