



## Introduction

The role and contribution of engineers in economic development is well-known. In almost all sectors of economy- industry, mining, energy, water, roads, railways, ports, airports, buildings, agriculture, IT, etc., engineers provide the backbone for economic development. They formulate and implement projects, undertake operation and maintenance, generate the desired output and take care of quality, safety and environmental aspects. For all these functions, engineers make use of technologies. Technology is perhaps the greatest agent of change in the modern world. While never without risk, technological breakthroughs promise innovative solutions to the most pressing challenges of our time. Technology is changing at an ever accelerating pace and there is need to not only keep abreast with latest technologies, but also develop innovative technologies which may reduce costs, save natural resources, enhance the value of the products and processes, protect environment and help improve quality of life.

It is in this context that the National Conference will focus on emerging technologies. These emerging technologies embrace all sectors of economy. Some examples of the emerging technologies are: Drone Technology, Erection of Aquifer Storage and Retrieval Innovation System, Blockchain Technology, Robotics and Artificial Intelligence, etc. Many of these technologies are at present not a part of the curricula of the engineering education in most institutions. Accordingly, special executive development programmes need to be organized to familiarize the engineers with these technologies.

## Objective

The main objective of the Conference is to identify some of the emerging technologies and discuss their importance, relevance and application in organizations and systems so as to help improve efficiency, productivity, quality, safety, environment etc., and to bring together different stakeholders including technologists, policy makers, manufacturers, users, educational/ research institutions, funding agencies etc., to prepare a road map for appropriate technology development for meeting the challenges faced by the Indian economy.

## Proposed Topics for discussion

The 3 technical sessions' time would be divided into the various listed emerging technologies dealing with different aspects of preparing engineers for role in industry, such as identification of specific challenges, skills to be developed to remove deficiencies and mismatch, reform of engineering education for orienting it to needs of the industry, with an aim to generate employment. The papers may be from industry stalwarts, practitioners, academicians & research scholars, government officials and members of the professional associations of engineers and technologists.

## Tentative Programme

0900-0930	Registration
0930-1030	Opening Session
1030-1100	Coffee/Tea
1100-1300	Technical Session I
1300-1400	Lunch
1400-1530	Technical Session II
1530-1600	Coffee/Tea
1600-1700	Technical Session III

## Venue

Auditorium, Civil Services Officers Institute (CSOI), Vinay Marg, Chanakyapuri, New Delhi- 110021.

## Participants

The Conference would be beneficial to engineers and technologists working at different levels in industry, central and state public sector enterprises, private sector companies, government and defence organizations, power, transport and other utilities, research and development organizations, consultancy organizations, and academia.

## Participation Fee\* (per delegate)

Rs.5000/-	Companies/Government - 20% discount for 2 or more delegates from same organization
Rs.3000/-	Academic/ training institutions.
Rs.1000/-	Students

\* The GST @ 18% will be additional.

## Registration

Nominations may please be sent giving full particulars (Name, Organization, Designation, Address, Phone No, Mobile No, Fax No, E-mail address, etc.) along with the participation fee as applicable by DD/Cheque made payable to the Engineering Council of India, New Delhi, latest by November 10, 2018 to the following address:

### Deepak Singhal

Sr. Administrative Officer

Engineering Council of India

1304 (13th Floor), Hemkunt Chambers, 89, Nehru Place, New Delhi-110019

Phone: 011-41783281, 41783282, 2628 3281, Tele -Fax: 011-26283282

E-mail : eci@ecindia.org, singhaldeci@yahoo.com, dir@ecindia.org,

Website : www.ecindia.org



Engineering Council of India

# 16th National Conference on Use of Emerging Technologies by Engineers for Economic Development

November 26, 2018

Venue : Auditorium, Civil Services Officers Institute Vinay Marg, Chanakyapuri, New Delhi-110021

## REGISTRATION FORM

I/We would like to participate in the Programme

Name of Organisation .....

Address .....

Tel. No. .... Fax No..... E-mail : .....

S.No.	Name of Participants	Designation
1.	.....	.....
2.	.....	.....
3.	.....	.....
4.	.....	.....

The Registration Fee paid by Cheque / DD No. .... dated ..... amount .....

bank name ..... in favour of Engineering Council of India, New Delhi

The NEFT details for on-line payment are:

- Name : Engineering Council on Inda
- Bank : HDFC Bank Ltd.,Nehru Place Branch, New Delhi
- IFSC code : HDFC 000 1374
- Bank branch code : 1374
- S/B A/ c no. : 1220 10 000 197 56

Please Complete the Registration Form in capital letters (preferable type written), and send it on the following address.

You are requested to send the form to :

**Deepak Singhal**  
**Sr. Administrative Officer**  
**Engineering Council of India**  
**1304 (13th Floor), Hemkunt Chambers, 89, Nehru Place, New Delhi-110019**  
**Phone : +91-11- 41783281, 41783282, 26283281, Tele-Fax : +91-11-26283282**  
**E-mail : eci@ecindia.org, singhaldeci@yahoo.com, dir@ecindia.org**  
**Website : www.ecindia.org**