

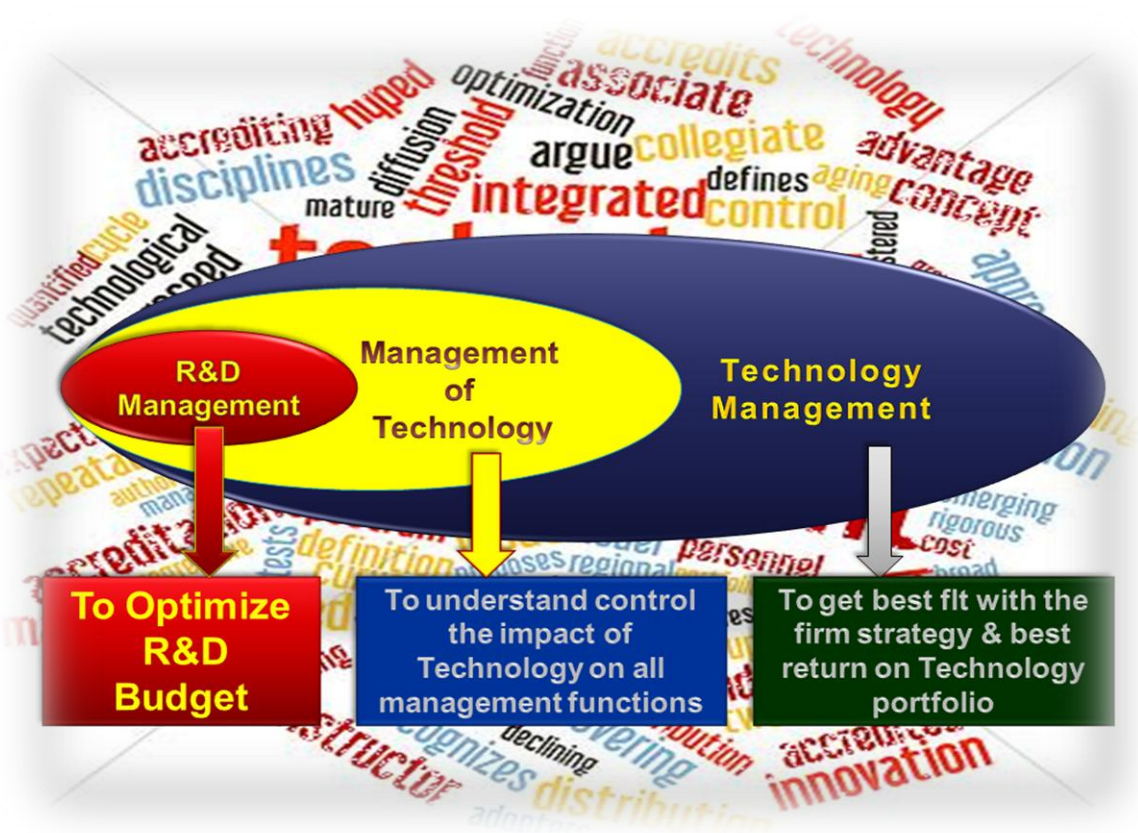


**Engineering Staff College of India**  
Autonomous Organ of The Institution of Engineers (India)  
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032.TS, India



**Management and Technology Division**

**PROFESSIONAL DEVELOPMENT PROGRAMME**  
**Technology Management**  
12-16 March 2018



## INTRODUCTION:

Rapid economic growth and unprecedented rate of technological development have transformed the entire world into a global village. However, this has also led to cut-throat competitions in almost all spheres of life. The effect has become much more pronounced in the present day's production and services sector.

Development, acquisition, retention and maintenance of cutting edge technologies pose challenges that need to be managed efficiently and effectively. Technology Management is a set of management disciplines that allow organizations to manage their technological fundamentals & create competitive advantage. Typical concepts used in technology management are technology strategy, technology forecasting, technology roadmap, technology project portfolio.

Technology Management programs typically include instructions in development, production and operations management, project management, computer applications, quality control, safety and health issues, statistics, general management principles, and the like.

## OBJECTIVES:

The programme aims at sensitizing the participants on issues and challenges related to the area, with a view that the global and specific knowledge shared will help manage the technology effectively towards application in products and projects in an organization.




## COURSE COVERAGE:

- Introduction to Technology and Technology Management
- Core concept of Technology Management
- Life cycle of Technology
- Avenues of technology application
- Concept of technology readiness level vis-à-vis new technology application in a running programme
- Technology scouting
- Innovation and innovation management
- Strategic consideration for technology induction
- Technology acquisition, acceptance and transfer processes
- Legal support to technology management
- Alignment of business and technology in an organisation
- Change and change management
- Impact of disruptive technologies on industry
- Managing technology on sustainable basis
- Challenges in technology management

## METHODOLOGY:

Methodology of the Programme includes class room Sessions with Lecture/discussion with audio visual aid, benchmarked practices if any, video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive demanding active participation from all the members. Case Method of Instructions will be the main method of knowledge facilitation. Technical Field to demonstrate the **Innovative approach to technology and some of the representative technologies developed by a research lab** and Social visits are integral part of the training methodology

## COURSE ADVISORS & RESOURCE PERSON:

 <p>Dr G Padmanabhan, Director ARCI</p>	 <p>Dr Sanjay Bharadwaj Scientist "E" and Team Leader, (CTATIC) (ARCI) Hyderabad</p>	 <p>Dr. Surendra Kumar OS &amp; Former Director ARDE, DRDO, Pune</p>
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## FACULTY:

The faculty consists of experts from industry, research establishments and academia besides that from ESCI.

## TARGET PARTICIPANTS:

Engineering Executives, Scientists from various Defence Labs, Engineering managers, supervisors working in production, R&D units, process planning, designs, maintenance and Quality Control / Quality Assurance in manufacturing and process industries like heavy equipment fabrication sectors, automobile, Defence, aeronautical, electronics, power sectors (Thermal, Nuclear, Gas) Refineries & Oil Companies will gain from course. Persons in medical products & precision instruments, petrochemicals, fertilizers, ordnance areas, public & private sectors enterprises will also be benefited by the Programme.

## BENEFIT TO THE PARTICIPANTS.

The participants will be able to share experience with and learn from large numbers of experts and participants from various organizations in addition to listening to eminent faculties, on different approaches in managing Technologies to meet various visions & missions.

## PROGRAMME VENUE, DATES & TIMINGS

**Venue: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachibowli, Hyderabad. 500032. TS, India.**

### Dates

12-16 March 2018

### TIMINGS

On the first day Registration will commence at 0900 h. On all other days the programme timings will be from 0945-1715 h with breaks in between for tea and lunch.

### COURSE DIRECTOR



**Gp Capt (Retd) BS Phillora BE (ETC), AE (L), MMS (DS), M Phil, FIE**

Dean of Studies ESCI &

Sr. Faculty, Management & Technology Division, ESCI

### COURSE FEE

₹ **25, 000/- (Residential Fee)** per participant. Fee includes, course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

### DISCOUNTS:

- ❖ **Non-Residential Fee** : 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount**: Additional 10% discount for three or more participants, if sponsored by the same organization.

**(All discounts are applicable only if fee is received at ESCI before the commencement of the programme.)**

Goods and Service Tax @ 18% is to be paid extra over and above the training fee. PAN Card No AAATT3439Q; GST No. 36AAATT3439Q1ZV. (Under commercial training or coaching services)

Programme fee is to be paid in favour of "THE IE (I) – ENGINEERING STAFF COLLEGE OF INDIA" in the form of demand draft payable at Hyderabad / at par cheques payable at any Bank Branches.

Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI - SB A/c No.0432104000039631 with The IDBI Bank Ltd., Gachibowli Branch, Plot No. 2-53/2, JNIBF, IIIT Junction, Gachibowli, Hyderabad-500032 by RTG's/ NIFT / IFSC Code No: IBKL0000432. ESCI PAN No. is AAATT3439Q. While using EFT/ Draft method of payment, kindly forward a covering letter giving details on the names of the participants, Title and the programme schedule so that proper accounting can be done.

### REGISTRATION:

Online registration shall be available on ESCI website. ([URL:www.escihyd.Org](http://www.escihyd.Org))

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

#### Head, Management & Technology Division

Engineering Staff College of India

Old Bombay Road, Gachibowli, Hyderabad 500 032, TS, India

**Phone** : Direct 040 6630 4111 & 6630 4112 &, 6630 4105

**Fax** : 040-23000336 & 04066304103

**Email**: [mt@escihyd.org](mailto:mt@escihyd.org),

#### For Registration Please Contact:

Mr. LV Rao

Programme Manager,

Land line 040 66304112

Mob: 0 99491 45865

### CERTIFICATION

**A certificate of participation will be awarded to each participant on conclusion of the programme.**

### GENERAL INSTRUCTIONS:

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well-developed Information Centre and Internet facilities are available to the participants.