



# **ITEC / SCAAP/TCS Colombo Plan Course 2017 – 18**

## **Certificate Programme in Operations Management**

**March 05, 2018 to May 19, 2018**

**(Eleven Weeks Programme)**

**Course Directors: Prof Arvind Chaturvedi & Prof Siddharth Varma**

**International Management Institute, New Delhi**

## **Aims & Objectives of the Course**

### **Aims:**

This is a 11 Weeks program including coursework and a project for enabling executives with work experience to understand operations related concepts. This program provides knowledge of various aspects of operations function. The international participants will make it an enriching cross-cultural international experience sharing.

### **Objectives:**

- To provide working executives with knowledge of concepts in various aspects of Operations Management
- To equip the participants with analytical abilities for decision making
- To provide a platform for exchange of experiences to international participants to enhance the learning experience.

### **Course Contents / Syllabus**

The program is designed for delivery in 11 weeks including a project. The complete program will be worth 18 credits. Each credit corresponds to the equivalent of 10 hours of classroom contact. Out of 18 credits, 15 credits will be course work and 3 credits will be the project.

The academic course work will be spread over the 11 weeks as follows.

#### **Week 1, week 2 and week 3**

Probability ,Statistics and Operations Research

#### **Week 2, week 3 and week 4**

Operations Management

#### **Week 5, week 6, week 7**

Project Management

#### **Week 7, week 8 and week 9**

Supply Chain Management  
TQM and Six Sigma

#### **Week 10 and week 11**

Project (3 credits)

### **Mode of Evaluation of performance of the participants**

IMI follows a system of continuous assessment. The instructor can design appropriate method of evaluation as per the requirements of the course and method of instruction. Students' evaluation may comprise of preparation made for the class and participation, quizzes, presentation, term papers/project, home assignments, written test / examination and any other criterion that the instructor concerned may decide.

## Certificate:

IMI awards a Certificate to the participants after successful completion of the course. To be eligible for the certificate the participant has to successfully participate and complete all the individual tasks/tests/assignment and the project.

## **Eligibility Criteria for Participants**

### **Educational Qualifications**

Graduates (Preferably in engineering/ science)

### **Work Experience required, if any**

Post degree Three years experience in Project Planning, Administration / Related

### **Age Limit**

25-45 years

### **Target Group**

Executives / Officers in various departments in Government or private companies engaged in Manufacturing/ Services in the areas of Operations, Planning , Projects or Procurement

## **Course Directors:**

### **Prof. Arvind Chaturvedi**

He has been with IMI since June 2005 Formerly with Institute of Management Technology (IMT), Ghaziabad, Administrative Staff College of India (ASCI), Hyderabad and School of Communication & Management Studies (SCMS), Cochin.

Worked as an independent Consultant in Marketing & Advertising Research for several years. Conducted consulting assignments for World Health Organization (WHO), International Labour Organization (ILO) and UNICEF among others. Carried out Marketing Research studies for a large number of FMCG companies, Advertising agencies, and Government agencies/departments.

He has conducted research on the impact of Economic Reforms on Poverty in India and Consumption Expenditure Inequalities in Rural India. His current research interests include Comparison of Economic Reforms in India & China, Entrepreneurship and IPR. An acknowledged Hindi poet, with two published collections to his credit. Contributed more than 500 articles to Newspapers and magazines. Produced national features on All India Radio.

Member, International Advisory Board, CARMA (The Consortium for the Advancement of Research Methods and Analysis), University of North Dakota, USA.

Life member, Indian Political Economy Association, New Delhi.

Worked on several committees of Govt. of India. Former Member, National Literacy Mission Authority (Ministry of HRD, Govt. of India), and National Youth Council (Govt. of India).

## **Prof. Siddharth Varma**

Prof. Siddharth Varma is a professor at IMI. He is a Mechanical Engineer from the erstwhile University of Roorkee (now IIT, Roorkee) and M Tech from IIT, Delhi. He holds a Masters in Business Administration from Asian Institute of Technology, Bangkok and a Ph D from IIT, Delhi in the area of Supply Chain Management.

Prior to coming into academics, Prof Varma has had thirteen years of experience in the industry covering various functions including projects, procurement and logistics. He was Associate Professor (Operations Management) for more than four years at IMT, Ghaziabad and Professor (Operations Management) at IME, Sahibabad. He was Director (NCR Centre) of University of Petroleum & Energy Studies (UPES) and also held the position of Vice-President (Academic Administration) in the University. His areas of interest are Operations Management, Supply Chain Management and Technology Management. Prof. Varma has presented papers in conferences and published papers in national as well as international journals. Prof. Varma can be contacted at [svarma@imi.edu](mailto:svarma@imi.edu).

## **About IMI**

Nestled in Qutab Institutional Area, International Management Institute (IMI), New Delhi was established in 1981 in Collaboration with IMI Geneva (now IMD Lausanne). IMI is India's first corporate sponsored Business School with sponsorship from corporate houses like RPG Enterprises, Nestle, ITC, SAIL, Tata Chemicals, BOC and Williamson Magor etc. Over a period of time in the last 32 years the Institute has acquired a truly global status. The Institute received UNDP assistance for also various other international linkages with bodies like World Bank, UNDP, ILO, UNCTAD, Asian Productivity Organization etc. All our PGDM programmes are accredited by Association of MBAs (AMBA), UK as well as National Board of Accreditation (NBA), AICTE, Government of India. The National Institutional Ranking Framework, Deptt. Of Higher Education, Ministry of HRD, GOI in its recent rankings (April 2016) have ranked IMI New Delhi at No.7 in India Rankings 2016 and at No.1 as a Private Business School.

To provide a global prospective to the students, the Institute's flagship two year Post-Graduate Programme in Management has a student exchange programme with various European Schools such as ESC Rennes, France, MIP School of Management France, Graz University Austria, IESEG School of Management and IDRAC Lyon, France etc.

Besides this IMI is one of the empanelled Institute of the Ministry of External Affairs, GOI, for special Commonwealth Assistance Programme under which the Institute gets the executive MBA students from various Afro-Asian and Latin American countries for its 15 months Executive Post-Graduate Programme in Management. Today IMI enjoys the place of esteem among the leading management Institutes and the patronage of reputed business organization in the country. The aim, approach and activities of IMI are guided by all its stakeholders - students, alumni, corporate patrons and society in general.