

## ABOUT THE UNIVERSITY

Anna University was established on 4<sup>th</sup> September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. Anna University is an affiliating type of University bringing together all the Engineering Colleges in the State of Tamil Nadu under one umbrella to ensure uniform quality in engineering education. In addition to the above, Anna University incorporates 4 University Department Campuses (CEG/MIT/ACT/SAP Campuses), 13 Constituent Colleges, 3 Regional Campuses at Tirunelveli, Madurai and Coimbatore and 593 Affiliated Colleges. Anna University offers 29 UG and 90 PG Programmes in various disciplines in the University Departments and 41 UG and 57 PG programmes in the Affiliated Institutions.

## ABOUT THE DEPARTMENT

The Department of Industrial Engineering (DoIE) of College of Engineering Guindy, Anna University, Chennai, has been successfully delivering quality education since 1978. DoIE offers Under-Graduate programme in Industrial Engineering, Post-Graduate programmes in Industrial Engineering and Quality Engineering and Management. DoIE also offers M.S. and Ph.D. programmes in Industrial Engineering and allied areas.

## REGISTRATION FORM

### Faculty Empowerment Programme (FEP) on Recent Trends in Operations Management using Artificial Intelligence

6<sup>th</sup> Feb 2023 to 11<sup>th</sup> Feb 2023

Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Department : \_\_\_\_\_  
College : \_\_\_\_\_  
Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile : \_\_\_\_\_  
Email : \_\_\_\_\_  
UG Degree : \_\_\_\_\_  
PG Degree : \_\_\_\_\_  
The college : \_\_\_\_\_  
is Affiliated  
to Anna  
University  
(Yes / No)  
Participant : \_\_\_\_\_  
Signature : \_\_\_\_\_

It is certified that the staff member belongs to our Institution that is affiliated to Anna University, Chennai. He/ She is permitted to attend the programme.

**Signature of Principal with Seal**

Station :  
Date :

## Six Day

### Faculty Empowerment Programme (FEP) on Recent Trends in Operations Management using Artificial Intelligence

(Physical Mode)

6<sup>th</sup> Feb 2023 to 11<sup>th</sup> Feb 2023

### Coordinators

Dr. M. Rajmohan  
Dr. K. Padmanabhan Panchu



### Sponsored by

Centre for Faculty &  
Professional Development  
Anna University  
Chennai - 25

### Organised by

Department of Industrial Engineering  
College of Engineering Guindy  
Anna University  
Chennai - 25

## ABOUT THE FEP

Operations management is an important portfolio for every business as it is at the heart of wealth creation. Operations managers are responsible for the production of goods & services in an efficient manner to help the business to grow. Operations Managers handles issues related to deciding size of the manufacturing plant, forecasting the demand, capacity planning, production planning and scheduling, inventory management and supply chain management. Lot of tools are available to aid the decision making in the niche areas of operations management. As the world is moving to digital era, the availability of data becomes enormous and it is difficult for operations managers to take quick and optimal decisions. Plenty of Artificial Intelligence (AI) and machine learning techniques are available that comes handy for operation managers to use it effectively for decision making.

## OBJECTIVE OF THE FEP

This FEP focuses on educating the participants about the recent trends in the usage of AI techniques in the ambit of Operations decision making.

## CONTENTS

Major topics to be covered are Operations and Supply Chain Analytics in VUCA World, Industry 4.0, IIoT, Predictive Analytics, Part Tracking, System Dynamics, Process Excellence, Strategic Management, Production Planning, Scheduling and Case Studies.

## RESOURCE PERSONS

All sessions will be conducted with the support of faculty members from IIT / Central / State-funded Institutions / Eminent persons from the established institutions, Industry & International Universities.

## TARGET GROUP

Faculty Members working in the University Departments, Constituent colleges, Regional Campuses, Government Colleges & all Engineering Colleges Affiliated to Anna University are eligible to attend this FEP.

## REGISTRATION FEE

There is no Registration Fee and no TA-DA will be given.

## ACCOMMODATION

Accommodation will be provided upon request on chargeable basis

## REGISTRATION

- All the interested participants are requested to fill the registration form and obtain the signature of the Principal.
- Upload the scanned copy of the registration form in the google link (<https://forms.gle/JUAaUug2mKiXs5s26>)
- Maximum number of participants is limited to 50.

***All Selected participants are requested to bring their laptop for Hands-on-Training***

## ORGANISING COMMITTEE

CHIEF PATRON	: <b>Dr. R. Velraj</b> Vice Chancellor Anna University
PATRON	: <b>Dr. G. Ravikumar</b> Registrar Anna University  <b>Dr. L. Suganthi</b> Dean, CEG Anna University
CHAIR	: <b>Dr. P. Vanaja Ranjan</b> Director, CFPD  <b>Dr. V. Adaikkalam</b> Addl Director, CFPD
CO-CHAIR	: <b>Dr. T. Paul Robert</b> Professor & Head Dept. of Industrial Engg.
CO-ORDINATORS	: <b>Dr. M. Rajmohan</b> Professor, DoIE Ph: 9444436272 rajmohan@annauniv.edu  <b>Dr. K. Padmanabhan Panchu</b> Asst. Professor, DoIE Ph: 8939934561 panchu81@annauniv.edu
ORGANISING DEPARTMENT	: <b>Department of Industrial Engineering</b>

## IMPORTANT DATES

Submission of Application	:03 <sup>rd</sup> Feb 2023
Intimation of Selection	:04 <sup>th</sup> Feb 2023