

## SPONSORSHIP CERTIFICATE

Dr/Mr/Mrs/Ms. \_\_\_\_\_

\_\_\_\_\_ is an employee of our institute and is hereby sponsored to participate in the Faculty Development Program on Automation In Manufacturing (AIM-2015) organized by Mechanical, Production and Industrial Engineering Department, DTU, Delhi.

Place:

Date:

Signature of  
Head of Institution (with seal)

## Mail the Registration form to:

### Dr. Ranganath. M. Singari

Course Coordinator, AIM-2015

Deptt. of Mechanical, Production & Industrial Engineering  
Delhi Technological University,  
Shahbad Daulatpur, Delhi-110042.

Email : ranganathdce@gmail.com

Fax : #91-11-27871023

Mobile: 09654528868

## Organising Committee

Prof. Vikas Rastogi

Prof. Rita Wattal

Dr. A.K. Madan

Dr. Rajesh Kumar Singh

Dr. R. S. Walia

Dr. Qasim Murtaza

Dr. Ramesh Srivastava

Mr. Sudhir. G. Warkar

Mr. Nand Kumar

Mr. K. Srinivas

Mr. N. Yuvraj

Dr. Pravin Kumar

Mr. M. S. Niranjan

Mr. Girish Kumar

Mr. Saurabh Agrawal

Ms. Susheela Rani

Ms. Navriti Gupta

Mr. Ajay Solanki

Mr. Rakesh Kumar

Mr. Mohit Tyagi

Mr. S.M. Pandey

## Resource Persons

Experts from IIT, NIT and other reputed institution, leading industrial and R&D organization, will be invited to deliver expert lectures.

Expected experts are :

- |     |                   |               |
|-----|-------------------|---------------|
| 1.  | Dr. S.K. Garg     | DTU           |
| 2.  | Dr. D.S. Nagesh   | DTU           |
| 3.  | Dr. S. Maheshwari | NSIT          |
| 4.  | Dr. Dinesh Kumar  | IIT Roorkee   |
| 5.  | Dr. I.D. Singh    | IIT Roorkee   |
| 6.  | Dr. A. K. Dwivedi | IIT Roorkee   |
| 7.  | Dr, P. M. Pandey  | IIT D         |
| 8.  | Dr. R.K. Pandey   | IIT D         |
| 9.  | Dr. P.V.M. Rao    | IIT D         |
| 10. | Dr. P.V. Rao      | IIT D         |
| 11. | Dr. S. Arvindan   | IIT D         |
| 12. | Dr. Vinod Yadav   | NIT Allahabad |
| 13. | Dr. B. N. Singh   | IIT Kharagpur |
| 14. | Dr. Ravi Shankar  | IIT D         |
| 15. | Dr. Susheel       | IIT D         |
| 16. | Dr. P.K. Jain     | IIIT Jabalpur |
| 17. | Dr. M. Kulkarni   | NIT Surathkal |

## Registration Fee, Accommodation and Travel

Registration Fee for participant from Industry is Rs. 5000. Accommodation for pre-registered delegates can be arranged in campus (guest house or hostel) on request and on availability. The delegates will have to bear the expenses. As per TEQIP-II guidelines, TA/DA of the participant will not be permitted. However, official lunch/tea will be served during the course.

For further details visit institute Website. [www.dce.edu](http://www.dce.edu). Brochure can be downloaded by the link provided.

## Faculty Development Programme on Automation in Manufacturing (AIM-2015)

May 04-15, 2015

Sponsored By

### Technical Education Quality Improvement Program-II

Chief Patron

Prof. Pradeep Kumar, Vice Chancellor, DTU

Patron

Prof. R.S.Mishra, Head, Mechanical, Production &  
Industrial and Automobile Engineering

Principal Coordinator

Prof. Vipin

Course Coordinator

Dr. Ranganath. M. Singari

Co-Coordinators

Dr. Ramesh Chandra Singh,

Dr. Rajiv Chaudhary



Organized by

Deptt. of Mechanical, Production & Industrial Engg.

**Delhi Technological University**

(Formerly Delhi College of Engineering)

Bawana Road, Delhi-110042, Website: [www.dce.edu](http://www.dce.edu)

## Introduction

The faculty development program is planned to impart two week training program for the academician, scientist and research scholars of engineering Institution/ University/ R&D Centres. This program has been designed to provide the knowledge and working experience on Automation in manufacturing area. This program also aims to showcase some of the state of the art manufacturing facilities available of the institute.

## About DTU, Delhi

Delhi Technological University (DTU) was established in 1941 as Delhi Polytechnic, and was under the control of Government of India. Later called Delhi College of Engineering (DCE), the college was under the Delhi Administration and affiliated to the University of Delhi since 1952. In July 2009 DCE was upgraded to a state university and renamed as Delhi Technological University. It offers academic program in Bachelor of Technology (B.Tech), Master of Technology (M.Tech), Doctor of Philosophy (Ph.D.) and Master of Business Administration (M.B.A.). It also offers programs in B.Tech. (Evening) for in service Diploma holders employed in Delhi.

## About Mechanical, Production & Industrial Engg.

The Department of Mechanical Engineering is one of the oldest academic departments of this prestigious institution since 1952. This department plays an important role by producing Graduates and Post Graduates of high quality, retaining its edge in campus placements in industries of high repute and in international competitions on the strength of its innovative product development. Department is equipped with advanced research facilities and flourishing under the guidance of the eminent faculty.

## Course Contents

1. Automation Industries
2. Industrial control systems
3. Numerical Control , CNC, Programming and applications
4. Industrial Robotics , Programming and applications
5. Material handling and storage systems in Automation Industries
6. Group Technology and cellular manufacturing
7. Flexible manufacturing systems
8. Automated assembly systems
9. Inspection principles and practices
10. CAD as supporting system to Automation
11. Process planning and concurrent Engineering
12. Rapid prototyping
13. Lean production and Agile manufacturing
14. CIM environment and Importance
15. Maintenance and Safety measures in Automation Industries

## Participation

The programme is open to the faculty of AICTE/UGC approved Engineering Institutions / Universities / R&D Labs and persons from industries working in the area of Mechanical, Production, Industrial, Automobile, Electronics, and Electrical Engineering.

Application form in the prescribed format should reach the Coordinator on or before 17<sup>th</sup> April 2015. The list of Selected Candidates will be uploaded on the website of DTU on 20<sup>th</sup> April, 2015. The candidate who fail to confirm there participation latest by 22<sup>nd</sup> April, 2015 that seat may be offered to candidate in waiting list.

## Important Dates

Last date of submission of application forms	17 April, 2015
First List of Selected Participants	20 April, 2015
Confirmation by the candidates	22 April, 2015
Second list of selected participants (if required)	24 April, 2015

## APPLICATION FORM

### TEQIP-II Sponsored Faculty Development Programme on **Automation In Manufacturing** (AIM-2015) May 04-15, 2015

1. Name of participant: \_\_\_\_\_
2. Date of Birth: \_\_\_\_\_
3. Designation: \_\_\_\_\_
4. Institution: \_\_\_\_\_
5. Whether the institution has AICTE/UGC approval  
Yes/No
6. Address for Correspondence: \_\_\_\_\_  
Phone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Mobile: \_\_\_\_\_
7. Educational Qualifications: \_\_\_\_\_
8. Experience (in years): \_\_\_\_\_  
Teaching \_\_\_\_\_  
Industry \_\_\_\_\_  
Research \_\_\_\_\_
9. Accommodation Required      Yes/No

## Declaration

The information provided is true to the best of my knowledge. If, selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:  
Date:

Signature

**Faculty Development Programme on “Automation In Manufacturing” (AIM-2015)  
May 04-15, 2015**



From

**Dr. Ranganath. M. Singari**

**Course Coordinator, AIM-2015**

**Deptt. of Production & Industrial Engineering**

**Delhi Technological University**

**(Formerly Delhi College of Engineering)**

**Shahabad Daulatpur, Bawana Road, Delhi- 110042**

**Ph. No. : 011-27871023**

**E-mail : ranganathdce@gmail.com**



**Faculty Development Programme**  
**on**  
**“Automation In Manufacturing”**  
**(AIM-2015)**  
**May 04-15, 2015**

From  
**Dr. Ranganath. M. Singari**  
**Course Coordinator, AIM-2015**  
**Deptt. of Production & Industrial Engineering**  
**Delhi Technological University**  
(Formerly Delhi College of Engineering)  
Shahabad Daulatpur, Bawana Road, Delhi- 110042  
**Ph. No.:** 011-27871023  
**E-mail :** ranganathdce@gmail.com