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Important Dates

Registration Closes: 30th November 2022
Participation confirmation: 1st December 2022

ABOUT VNIT NAGPUR

Visvesvaraya National Institute of Technology (VNIT), Nagpur, is one of the 31 National Institutes of Technology (NITs) in the country. It is an Institute of National Importance, named after Bharat Ratna Sir M. Visvesvaraya. With the green campus spread over 225 acres & 15 departments in Engineering, Science & Humanities, and Architecture, the institute offers 9 UG programs, 21 PG programs and Ph. D. in Engineering & Technology. The institute is aimed at producing quality human resource of world class standard by developing a sustainable technical education system to meet the changing technological needs.

ABOUT VRJ SIEMENS CENTER OF EXCELLENCE, VNIT, NAGPUR

V. R. Jamdar Siemens CoE for Industry 4.0 & Digitalization was established in 2020 at VNIT, Nagpur. It operates with a primary focus of creating a robust technical education eco-system through its experience in industrial products and services. There are 11 state-of-the art laboratories for Product Design and Validation, Advanced Manufacturing, Test and Optimization, Automation, Process Instrumentation, Mechatronics, CNC, Robotics, Reverse Engineering, Internet of Things, and Smart Factory, which provide opportunity for promising innovations. This multi-faceted unique center offers Skill Development Courses, Internships, Research & Development Assistance and Industrial Consultancy Services across various sectors.

One-Week Short Term Training Program on

Industry 4.0: Strategic & Technological Perspectives for Indian Capital Good Industries

Sponsored by

Ministry of Heavy Industries, GoI

Organized by

Visvesvaraya National Institute of Technology, Nagpur

In collaboration with

V. R. Jamdar Siemens Center of Excellence for Industry 4.0 & Digitalization

From 8th to 12th December 2022
Online (WebEx platform)

सत्यमेव जयते

भारी उद्योग मंत्रालय
MINISTRY OF
HEAVY INDUSTRIES

ABOUT THE PROGRAM

The program is being organized with the financial support from the Ministry of Heavy Industries GoI, under the scheme for spreading awareness and training on Industry 4.0 in line with Samarth Udyog Initiatives. The training program is targeted at imparting the fundamental knowledge of the two dimensions of 'Industry 4.0', viz. technological and strategic. The participants will understand the importance of digital transformation and identify the newer skill requirements to meet the challenge of global competitiveness. The program is believed to develop data driven, technology oriented mind-set among the participants. After attending this program, the participating industry would be in a better position to initiate Industry 4.0 based projects in most effective and efficient way.

COURSE CONTENTS

This 5-day online course consists of 15 theory sessions and 5 laboratory/ hand-on sessions packed with the fundamental understanding, involved disruptive technologies, and assessment framework for Industry 4.0.

The brief contents are as follow:

- Technologies and design principles of Industry 4.0
- PLM & IIoT basics
- AI/ML and AR/VR applications
- Robotics, PLC and TIA
- Data analytics applications
- Strategic perspective, government initiatives and readiness assessment
- Lab sessions on: IIoT, Smart factory, Robotics, Data acquisition & analysis, and Simulation strategies

EXPERT SPEAKERS

The expert speakers will be from academia and industry.

A few prominent speakers are as follow:

- Dr. Raja Sreedharan, University of Bradford, UK
- Dr. Dattatray Parle, Advanced Manufacturing Research Centre, Sheffield, UK
- Dr. Arish P., Senior Associate, Quantum Computing Technology, PwC, Bengaluru
- Dr. Sanjiv Narula, Hero MotoCorp, Gurgaon
- Mr. Rohit Pimpley, Senior Technical Product Manager, Siemens R&D, Pune
- Mr. Suyog Joshi, Co-founder and Chief Product Officer, Neewee, Bengaluru
- Mr. Sachin Kamble, Solution Architect, Nagpur
- Dr. S. S. Chiddarwar, Professor, VNIT, Nagpur
- Dr. R. B. Keskar, Associate Professor, VNIT, Nagpur
- Dr. Dhananjay A. Jolhe, Associate Professor, VNIT, Nagpur
- Dr. Arghya Mitra, Assistant Professor, VNIT, Nagpur

ELIGIBILITY CRITERIA FOR THE PARTICIPANTS

1. The program is primarily meant for employees of the industries belonging to capital good sector.

   The participant with engineering background and minimum 3 years of experience are encouraged to attend the program.
2. Faculty/Research Scholars/PG students of any engineering discipline from Engineering Colleges/ Technical Institutes and working in related areas may be allowed if seats are vacant.

REGISTRATION GUIDELINES & OTHER INFORMATION

1. There is no registration fee for this program.
2. The candidates willing to participate need to fill in the Google form link of which is given below.
3. The last date of registration is 30th November 2022.
4. The shortlisted candidates will be informed by email. The detailed schedule of the program and WebEx link for joining the sessions will be emailed to the shortlisted candidates.
5. Certificates will be issued to the participants after successful completion of the program.

LINK FOR REGISTRATION FORM :

https://forms.gle/kqmAqRaKQnPuuAePA

Scan QR code for the registration link