

VISION

- ▶ To produce universally competent dynamic engineers who will be instrumental for the development of the society.

MISSION

- ▶ To foster a new generation of outstanding technical persons who will be catalysts for change & march towards excellence in the fields of engineering, which will help ultimately to society.
- ▶ To enhance career opportunities for students through exposure to industry with new technologies, methodologies & appropriate skill.

ABOUT VVPIET

VVPIET is one of the well-known engineering institute for its academic excellence in technical education, which is run by Vidya Vikas Pratishthan, Solapur. Society entered in the field of technical education in 2007 by starting V.V.P. Polytechnic at Solapur, NBA Accredited & certified as ISO 9001:2015 institute.

In 2009, society started degree engineering college, namely V.V.P.I.E.T., in Solapur. The institute is accredited by 'NAAC', ISO 9001:2015 certified & included in 2(f), 12(B) by UGC, New Delhi, which is approved by (AICTE), New Delhi, recognized by DTE, Maharashtra and affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere & Solapur University, Solapur.

It offers five undergraduate B.Tech. programmes namely Computer Science & Engg., Electrical Engg., Electronics & Telecommunication Engg., Mechanical Engg. and Civil Engg. and two post graduate programmes viz. M.Tech. [CSE] & M.Tech. [Design Engg.] The institute is well developed with well furnished modern building with picturesque and pollution free environment.



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Vice -Principal, VVPIET, Solapur.

CO-ORDINATOR

Prof. Avinash A. Patil
HOD, Civil Engg. Dept.

ORGANIZING COMMITTEE

Prof. R. S. Sajjan, HOD, CSE Dept.

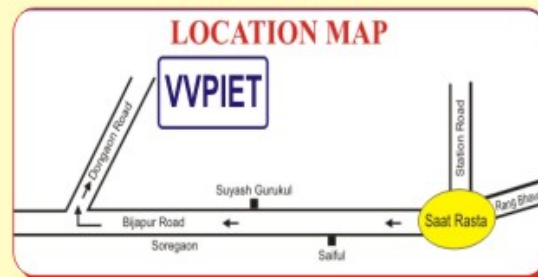
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LOCATION MAP



A One Day

FACULTY DEVELOPMENT PROGRAM

on

**"Special Topics in
Industry Applications"**

(03rd February 2020)

Sponsored by

TEQIP, DBATU, Lonere

Organized by

NAAC Accredited & ISO 9001:2015 Certified

**Vidya Vikas Pratishthan's
V. V. P. INSTITUTE OF ENGINEERING
& TECHNOLOGY, SOLAPUR**

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Solapur-413 008

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ABOUT FDP

Industry 4.0 is the subset of the fourth industrial revolution that concerns industry. The fourth industrial revolution encompasses areas which are not normally classified as an industry, such as smart cities, for instance. Although the terms "industry 4.0" and "fourth industrial revolution" are often used interchangeably, "industry 4.0" factories have machines which are augmented with wireless connectivity and sensors, connected to a system that can visualise the entire production line and make decisions on its own.

In essence, industry 4.0 is the trend towards automation and data exchange in manufacturing technologies and processes which include cyber-physical systems (CPS), the internet of things (IoT), industrial internet of things (IIOT), cloud computing, cognitive computing and artificial intelligence.

Industry 4.0 fosters what has been called a "smart factory". Within modular structured smart factories, cyber-physical systems monitor physical processes, create a virtual copy of the physical world and make decentralized decisions. Over the Internet of Things, cyber-physical systems communicate and cooperate with each other and with humans in real-time both internally and across organizational services offered and used by participants of the value chain.

The determining factor is the pace of change. The correlation of the speed of technological development and, as a result, socio-economic and infrastructural transformations with human life allow us to state a qualitative leap in the speed of development, which marks a transition to a new time era.

CONCEPT

- ▶ Smart Manufacturing.
- ▶ Smart Factory.
- ▶ Lights out (Manufacturing) also known as dark factories.
- ▶ Industrial Internet of things also called Internet of things for Manufacturing.

TOPIC

- ▶ Industry 4.0 & Data Analytics in Process and Manufacturing Industries.
- ▶ Cryptography & Applications.
- ▶ Technology Trends & Business Drivers.

RESOURCE PERSONS

- ▶ Dr. Ajay V. Deshmukh
- ▶ Prof. S. A. Katre
- ▶ Mr. Satish Ranade

Note:

- ▶ This Course is intended for faculty members from all Engineering Disciplines.

**Free Registration
For All Participants**
For more details :
Contact : 99603 22717



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REGISTRATION FORM

Full Name: _____

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Department: _____

Institute: _____

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Mobile No.: _____

Email ID: _____

Academic Qualification: _____

Date: _____ Place: _____

Signature: _____