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PATRON

Dr. Dattatrey V. Jadhav

Joint Director, Technical Education, Regional Office, Pune.

Dr. Avinash S. Pant

Principal, Government College of Engineering & Research, Avasari (Kh).

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Dr. Dilip R. Pangavhane

Professor and Head, Department of Automobile Engineering

COURSE COORDINATOR

Dr. Machhindra J. Pable

Associate Professor, Automobile Engineering

COURSE CO-COORDINATOR

Mr. Rashtrapal B. Teltumade

Assistant Professor, Automobile Engineering

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Dr. U. S. Kakade

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One Week

AICTE-ISTE Orientation/Refresher Program

on

“Scope of IOT and its applications in Automotive and Agricultural Industry”

22 February to 27 February 2021



Approved & Sponsored by

All India Council for Technical Education (AICTE), New Delhi.



Indian Society for Technical Education (ISTE), New Delhi



In association with GCOEARA-ISTE Chapter

ORGANIZED BY



Department of Automobile Engineering

**Government College of Engineering and Research, Avasari (Khurd),
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About AICTE

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level Apex Advisory Body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner.

Objectives are :

- Promotion of Quality in Technical Education.
- Planning and Coordinated Development of Technical Education System.
- Regulations and Maintenance of Norms and Standards.

About ISTE:

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 124024 Life Members, 5 lakh Student members, 2734 Institutional Members, 1369 Faculty Chapters, 1479 Student Chapters at institutional level and 17 Sections at State level.

The major objective of the ISTE is to provide quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organisations.

ABOUT THE COLLEGE:

Government College of Engineering and Research, Avasari (Khurd), is established in August 2009 by Government of Maharashtra, approved by All India Council for Technical Education, New Delhi and affiliated to Savitribai Phule Pune University, Pune. Institute imparts technical education in Automobile, Computer, Civil, Electronics & Tele-communications, Instrumentation & Control and Mechanical Engineering disciplines. College campus is located in hilly area of a very picturesque location at a distance of 65 km from Pune off Pune-Nashik Highway and 03 km from Manchar. The historical places like Shivneri fort, Ozar, Lenyadri and Bhimashankar are located within 65KM.

ABOUT THE DEPARTMENT:

The department of Automobile Engineering was started in academic year 2009-2010. Department is having young and well qualified teaching faculties and well established laboratories. Students participate in national level competitions like BAJA, Tractor Design Competition, Go Karting etc. "Team Radiance Racing" Secured 7th All India Rank in BAJA Virtual Round of BAJA-2018 and "Team Karshyan" secured 3rd rank in Tractor Design Competition -2018 organized by SAE India.

OBJECTIVE OF COURSE:

- Basics, Vision and scope of the Internet of Things
- Internet of Things main components and Role of IOT in common use.
- Presents Scenario of Automotive and Agricultural Industry at National and International level.
- The challenges faced by Automotive and Agricultural Industry in computer era.
- To identify research opportunities of IOT in Automotive and Agricultural Industry.
- To develop the skilled human resource having knowledge of IOT for the societal development.
- To identify the possibilities of IOT for the regular application in common use.
- To analyze threats, risks and challenges within context of application of IOT.
- Achieving the sustainability by using the IOT

RELEVANCE OF COURSE:

The IOT enables applications ranging from the micro to the critical problems. Technology developments related to the IOT offer entrepreneurs, service sector huge opportunities to leverage these capabilities to redefine industries and services that we know today and to innovate and offer new services and solutions to existing problems. The purpose of Automotive and agricultural security awareness is to develop essential competencies, new techniques and methods that are so essential in facing possible security issues.

EXPECTED OUTCOME:

The participants will be benefited by:

- Learn the basics of IOT.
- Learn the new area of Automotive and Agricultural sector.
- Able to identify the opportunities in the Automotive and Agricultural sector.
- Able to implement IOT application for the use of local and common users.
- Enable with new technology for the benefits of society.

CHIEF PATRON



Prof. Anil D. Sahastrabudhe
Chairman, AICTE,, New Delhi.
Chief Guest of Program.

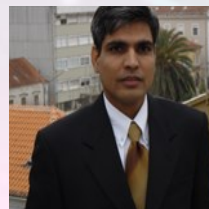


Dr. Pratapsinh K. Desai
President ISTE, New Delhi.
President of Program.



Dr. Abhay Wagh
Director of Technical
Education, Mumbai.

RESOURCE EXPERTS



Dr. Parag Kulkarni
CEO and Chief Scien-
tist, iKnowlation Re-
search Labs, Pune.



Mr. Debesh Rath
Sr. General Manager
Tech. Carraro India Ltd,
Ranjangaon, Pune.



Mr. Nilesh Hajare
Asst. General Man-
ager, Carraro India
Ltd, Ranjangaon,
Pune.



Mr. Udayan A. Joshi
General Manager,
John Deere India Pvt
Ltd .

PATRON



Dr. Dattatrey V. Jadhav
Joint Director, Technical Education,
Regional Office, Pune.



Dr. Avinash S. Pant
Principal, GCOEAR Awasari
Chairman of Program..



Dr. Parle Dattatraya
Technology Expert,
Simulation Center Pu-



Mr. Vijay B. Hake
Social Worker &
attached with Art of



Mr. Rakesh Pandey
Industry PfD Leader,
Siemens Ltd. Benga-



Mr. Chetan Kamble
Siemens Ltd. Mumbai

RESOURCE EXPERTS



Dr. kamal Vora
Sr. Dy. Director & Head,
ARAI Academy, Pune
Guest of honor.



Mr. Sankhe Vikrant
Marketing & Strategy
Head, Siemens Ltd.
Mumbai.



Dr. Ratnadeep Deshmukh
Professor & Former Head,
Department of CSIT,
Dr. BAMU Aurangabad.



Dr. T. B. Bastewad
Professor, Rahuri
Krushii



Mr. Ramesh Kadaganchi
Founder, Cybrlytics
Technology, Pune.



Mr. Sanjay Nibandhe
Sr. Dy. Director,
ARAI, Pune.
Chief Guest, Valedictory

REGISTRATION LINK:

Registration for the program shall be completed through online registration process. The link for online registration for the course is-

<https://forms.gle/xDT8LRWUCy5VRRQF6>

There is no registration charges for the programme.

IMPORTANT DATES:

Last date for online registration : 17 February 2021

Confirmation of Participants for course through Email : 19 February 2021

ELIGIBILITY:

Faculties from all AICTE approved Engineering & Polytechnic Institute having ISTE membership. Faculties who want to register must have ISTE Membership before registration. Full attendance in the course , feedback /Test is mandatory for certification as per guideline of AICTE– ISTE Refresher Program

CONTACT PERSONS :



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Professor, Head of Department ,
Automobile Engineering,. (Convener & Chief Coordinator)



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Associate Professor,
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Assistant Professor,
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Registration Form for AICTE-ISTE Orientation/Refresher Program

Topic : Scope of IOT and its applications in Automotive and Agricultural Industry

Date : 22 February to 27 February 2021

Contact : 9987552677/9637656791

Email :- gcoearaswayamchal2021@gmail.com

Email address : _____

Name: _____

ISTE Membership Number: _____

Designation: _____

Department: _____

Organisation/Institute: _____

Address : _____

Mobile No.: _____

Why would you like to join this course?: _____

Date: _____

Registration Link: <https://forms.gle/xDT8LRWUCy5VRRQF6>

Last date of registration: 17 February 2021

Note: ISTE membership is mandatory