

ABOUT INSTITUTE

The MES group after establishing its name in the field of education with the experience of around 30 years, ventured into the field of Engineering education with the establishment of PCE in the year 1999 in Panvel. Subsequently, after successfully running PCE for more than a decade, MES set up the Pillai HOC College of Engineering and Technology (PHCET) at Rasayani. PHCET offers both undergraduate (Bachelor of Engineering) and postgraduate (Master in Engineering) programs.

Institute Accredited with an 'A' grade by NAAC in First Cycle from 28th March, 2019

Two of our UG Programs viz. Computer Engineering and Mechanical Engineering have been recredited by the NBA for three years i.e. up to 30th June, 2023

Mechanical Engineering Department:

The Department came into existence in the year 2009. Department has a team of qualified and experienced faculty members having specialization in various areas. At present, the department is conducting a UG program (Mechanical Engineering), PG programs (Mechanical Engineering, Machine Design) Mechanical Department has NBA recredited since 2020. For more details, please visit: <https://phcet.ac.in/>

Patrons

Dr. K.M. Vasudevan Pillai, Chairman & CEO, MES

Dr.(Mrs) Daphne Pillai, Secretary, MES

Advisory Committee

Dr. Priam Pillai, COO, MES

Dr. Franav Pillai, DCEO, MES

Dr. Lata Menon, DCEO, Pillai HOC Educational Campus, Rasayani

Dr. T. Mathew Principal, PHCET Rasayani

Prof. (Ms) M. Pillai, Head, Innovation, Research Centre, PHCET Rasayani

Local Organizing Committee

Dr. G.V.Patil, Professor & HOD of Mechanical Engineering

Dr.R.C.Prasad, Professor of Mechanical Engineering

Dr. M.D. Nadar, Professor of Mechanical Engineering

Mr. S.N.Kadam, Asst Professor of Mechanical Engg

Mr.T.R.B.Sanjaykumar, Asst Professor of Mechanical Engg

Mr. Suhas Uthale, Asst Professor of Mechanical Engg

Mr. Atul Jade, Asst Professor of Mechanical Engg

Mr. Manoj Jadhav, Asst Professor of Mechanical Engg

Mr.Swapnil Nawale, Asst Professor of Mechanical Engg

Mr. Hemant Patil, Asst Professor of Mechanical Engg

Mr.Pravin Dhalke, Asst Professor of Mechanical Engg

Mr.Rahul Warghane, Asst Professor of Mechanical Engg

Mr.Shashi Bhusan, Asst Professor of Mechanical Engg

Mr.Jagdish Parate, Asst Professor of HSS

Ms. Ashwini.Kadam, Asst Professor of Mechanical Engg

Ms. Sayali. Kulkarni, Asst Professor of Mechanical Engg

Mr.Anish.S, Asst Professor of Mechanical Engg

Mr. Datta Wakse, Asst Professor of Mechanical Engg

Mr. Aditya Shinde, Asst Professor of Mechanical Engg

Mr.Sunilsing Rajput, Asst Professor of Mechanical Engg

Address for Correspondence :

Dr. M.D.Nadar (Event Coordinator)

Professor

Department of Mechanical Engineering,

Pillai HOC College of Engineering Technology ,Rasayani

Mobile: 8652240002/8652232039

Email id: mdnadar@mes.ac.in

AICTE Training and Learning (ATAL) Academy



On

“Challenges and opportunities of industry 4.0 techniques scope in manufacturing industries and manufacturing systems.”

August 24-28,2021

Organized by



**Department of Mechanical Engineering
Pillai HOC College of Engineering and
Technology,
Rasayani, Raigad District
Maharashtra-410207**

Invitation

The Innovation, Incubation and Entrepreneurship Cell of Mahatma Education Society's Pillai HOC College of Engineering and Technology, Rasayani is inviting you to attend the online Faculty Development Program that is being organized in association with **ATAL Academy Faculty Development Program FDP** on “**Challenges and opportunities of industry 4.0 techniques scope in manufacturing industries and manufacturing systems**” between **24th August-28th August, 2021**

About the Faculty Development Program

Industry 4.0 is a phenomenally rising trend in data and information feeding systems automatically and manufacturing technologies, dedicated for a higher integration of activities and divergence, which is also called as a “Smart manufacturing industry”

The FDP is aimed to explore and bring awareness with promising outcomes towards the innovative teaching and learning, research, and teaching practices and to impart in higher education. Hence forth lead to the collaboration, coordination, interpretation, transparency, trace abilities professional growth and leadership abilities in one and all of the executive systems.

FDP Objectives :

1. To create awareness about Industry 4.0 among the academia and to build the next generation academic institutions teaching and learning practices.
2. To empower the academic Diaspora for developing academic curriculum in accordance with Industry 4.0.
3. To initiate and to promote innovative frame works at academic institutions.
4. To explore industry 4.0 framework components and to correlate with traditional manufacturing systems.
5. To enable the research scholars, faculty members and industry for state- of- the- art collaborative research.
6. To update faculty members knowledge of trending industry 4.0 techniques.

Content of the FDP:

- Industrial Engineering Traditional systems and industry 4.0 systems in manufacturing industry and manufacturing systems challenges and opportunities.
- Big data and Data processing in manufacturing systems.
- Cloud computing role in industry 4.0 manufacturing systems.
- Infrastructure required for Manufacturing systems industry 4.0.
- Block chain technology model introduction and application of manufacturing procurement systems.
- Cloud computing role in industry 4.0 manufacturing systems.

Experts:

The resource persons for the program shall include faculty members of the host institute, NITIE, IIT's, Industry experienced and skilled experts from reputed organizations/industries dealing with the resources related to the online classroom.

Eligibility of participants:

The faculty members of the AICTE approved institutions, research scholars, PG scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry, etc.) and staff of host institutions are eligible to attend the program.

Registration procedure:

Participants interested to attend this program need to make compulsory online registration on the below- mentioned link:

<https://atalacademy.aicte-india.org/signup>

Shortlisted candidates will get informed about the registration status through their ATAL profile. Candidate will also receive a confirmation email. It is requested to visit the site regularly for an update. Online test will be conducted on the last day. Candidate will be eligible for the E-certificate, only if the attendance is minimum 80 % in the entire session and minimum score is 60% in the test . Digital certificate will be issued to all the successful candidate by the ATAL Academy.