



# AICTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages

## Pillai HOC College of Engineering and Technology

Pillai HOCL educational campus, Khalapur, HOC Colony Rd, Taluka, Rasayani,  
Maharashtra 410207



### 3 Day Faculty Development Workshop On

“Recent Trends and digital techniques in Manufacturing Systems” (उत्पादन प्रणालीमधील डिजिटल तंत्रज्ञान आणि प्रगती)

Emerging Field: Manufacturing & Industry 4.0

*In Marathi Language*

Schedule Date: 9/9/2025 to 11/9/2025

Venue: Conclave 2, PHCET, Rasayani 3<sup>rd</sup> Floor Engineering Building

### Workshop Schedule

| Day & Date           |                           | Morning Session  |  |                             | Afternoon session   |  |                    |
|----------------------|---------------------------|--|--|-----------------------------|---|--|--------------------|
| Time                 | 09.45 AM to 10.15 AM      | 10.15 to 11.45AM   | 11.45 AM to 1.15 PM  |                             | 2.00 to 3.30 PM   | 3.30 to 4.30 PM  | 4.30 PM to 4.45 PM |
| 9/9/25<br>Tuesday    | Registration & Break Fast | <b>Session I: Key Note Address</b><br><b>Dr. Ashok Khade</b><br>Managing Director, DAS Offshore Engineering Pvt Limited<br><b>Topic:</b> Challenges in Productivity improvement techniques used in Industry operations | <b>Session II</b><br><b>Dr. Maruti Pawar</b><br>Chairman & Managing Director<br>Amptronics Techno Pvt. Ltd.<br><b>Topic:</b> Trends and Challenges in Steel Manufacturing Industry | Lunch Break<br>1.15 to 2.00 | <b>Session III &amp; IV</b><br><b>Mr. Pandurang Bhangale</b><br>Joint General Manager (Technical)<br>Airport Authority of India, Ministry of civil Aviation<br><b>Topic:</b> A journey from conventional manufacturing technique to Digital Era |  | High Tea           |
| 10/9/25<br>Wednesday | Break Fast                | <b>Session V</b><br><b>Dr. Pirsab Rasulsab Attar</b><br><b>Topic:</b> Advances In Grinding of Super alloys And the Industry 4.0 Scenario   | <b>Session VI</b><br><b>Dr. Vaibhav Narwane</b><br><b>Topic:</b> Digital Twin for Predictive Maintenance   |                             | <b>Session VII</b><br><b>Dr. Swati Narwane</b><br><b>Topic:</b> Machine Learning for Predictive Maintenance   | <b>Session VIII</b><br><b>Lab Session:</b><br><b>Dr. Swati Narwane</b><br><b>Topic:</b> Hands on Machine Learning for Predictive Maintenance | High Tea           |
| 11/9/25<br>Thursday  | Break Fast                | <b>Session IX</b><br><b>Dr. Tambuskar D. P.</b><br><b>Topic:</b> A digital supply chain twin for managing the disruption risks and resilience in the era of Industry 4.0.  | <b>Session X</b><br><b>Dr. Barve S B.</b><br><b>Topic:</b> Advancement In The Development Of Fiber Metal Laminates (FMLS)  |                             | <b>Session XI</b><br><b>Dr. C. M. Coudhari</b><br><b>Topic:</b> Role of Rapid Prototyping Techniques in Product Development   | <b>Valedictory &amp; Certificate Distribution</b>  | High Tea           |