



**HOPE Foundation's  
Finolex Academy of Management & Technology,  
Ratnagiri  
Electronics and Telecommunication Engineering  
Department**

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**ISTE Approved One Week Online FDP  
on  
Reimagining Teaching Excellence: AI Competencies & Industry 5.0 Skills  
for Modern Educators  
Jointly organised by the Departments of Electronics & Telecommunication  
Engineering and Information Technology, FAMT, Ratnagiri**

**Dates: 16 February to 21 February 2026**

**Introduction:**

The ISTE Approved One Week Online FDP entitled “**Reimagining Teaching Excellence: AI Competencies & Industry 5.0 Skills for Modern Educators**” was jointly organized by the Department of Electronics & Telecommunication Engineering and the Department of Information Technology from 16 February 2026 to 21 February 2026 at Finolex Academy of Management & Technology, Ratnagiri.

The FDP was organized as an attempt to bring academicians and educators under one roof to master modern educational skills. It was conducted over a span of one week and was divided into targeted learning sessions. The following were some of the important objectives of the FDP.

- ❖ To enhance understanding of AI and Industry 5.0 concepts, and their integration into modern education to promote human-centric innovation, intelligent automation, and future-ready pedagogy.
- ❖ To develop competency in implementing AI-driven tools and emerging technologies for smarter teaching–learning systems, outcome-based assessments, aligned with industry practices.

The Faculty Development Programme received an overwhelming response, with a total of 146 participants - comprising faculty participants from degree/diploma engineering, biotechnology, commerce and management streams - registering from various esteemed academic institutions across 14 different states in India. This diverse geographic and multidisciplinary representation greatly enriched the peer learning experience and discussions throughout the week.

**Inaugural Session:**

The FDP was chaired by patron Dr. Kaushal Prasad (Principal, FAMT Ratnagiri) in the presence of Keynote speaker Dr. Surendra Singh Rathod (Director, Walchand College of Engineering, Sangli), Dr. Mrs. S. V. Chougule (HoD E&TC and Convener), Dr. V. A. Bharadi (HoD IT and Convener), Prof. S. D. Mainkar (FDP Coordinator), Prof. V. D. Chavan (FDP Coordinator). 100+ faculty participants were also present during the inauguration of FDP. As per the Indian tradition, the FDP was inaugurated with Saraswati Vandana and virtual lamp lighting. **Prof. Sujay D. Mainkar (FDP Coordinator)** welcomed all. He briefly introduced the theme of the FDP scheduled on the day of commencement of the Global India-AI Impact Summit, outlined one week program and requested all participants to enrich their learning by effective participation in this FDP.

During the FDP's inaugural session, the speeches collectively addressed the transformative landscape of modern education and the evolving role of the teacher. **Dr. Sharada Chougule, (FDP convener)**, underscored the transition of educators into "learning architects" and mentors who must guide students through the integration of AI and Industry 5.0 skills while maintaining ethical standards. **Dr. Vinayak Bharadi (FDP convener)** complemented this vision by highlighting the disruptive potential of AI tools, urging faculty to remain competitive and impactful to ensure their continued relevance in an AI-driven race. Providing a visionary institutional perspective, **Dr. Kaushal Prasad (Principal, FAMT, Ratnagiri)** emphasized that while AI facilitates personalized and adaptive learning, it can never replace the human element of mentorship. He noted that the FDP was timely for redefining faculty roles, moving beyond traditional "generalized teaching" to more customized student engagement, ultimately helping educators navigate the shift from information providers to holistic mentors.

The Faculty Development Program (FDP) focused on the paradigm shift necessitated by NEP 2020, with keynote speaker **Dr. Surendra Singh Rathod (Director, Walchand College of Engineering, Sangli)** urging educators to move beyond rote "banking methods" toward student-centric, experiential learning that fosters a "joy of learning" for building **Atmanirbhar Bharat**. Throughout the sessions, experts like **Dr. Rahul J. Pandya (IIT Dharwad)** and **Dr. M. N. Jivani (Saurashtra University, Rajkot)** emphasized evolving into "learning architects" by integrating blended learning models and AI tools while highlighting the importance of prompt engineering and ethical AI usage. This transformation into "techno-pedagogues" was further detailed by **Dr. A. Vimal Jerald (St. Joseph's College, Tiruchirappalli)**, who demonstrated various AI-powered assessment tools to customize evaluation for digital natives. Transitioning into the role of "competency engineers," **Dr. Ritesh Bhat (Sri City International University)** addressing OBE transformation, centred his discussions on mastering **Outcome-Based Education (OBE)** by aligning curriculum with the **Washington Accord** Knowledge profiles and using **Generative AI** for measurable mapping. Finally, **Dr. Rahul Bawane (Pimpri Chinchwad College of Engineering and Research, Pune)** provided a comprehensive guide to **e-patent submission** on the IP India portal, ensuring that modern educators can protect and globalize their technological innovations in the **Industry 5.0** era.

**FEW GLIMPSES OF INAUGURAL FUNCTION OF FDP ON 16<sup>th</sup> February, 2026:**



**Auspicious Beginnings with Saraswati Vandana and Virtual Lamp Lighting Ceremony**



**Inaugural Speech by Dr. Mrs. S. V. Chougule (HoD E&TC and Convener)**

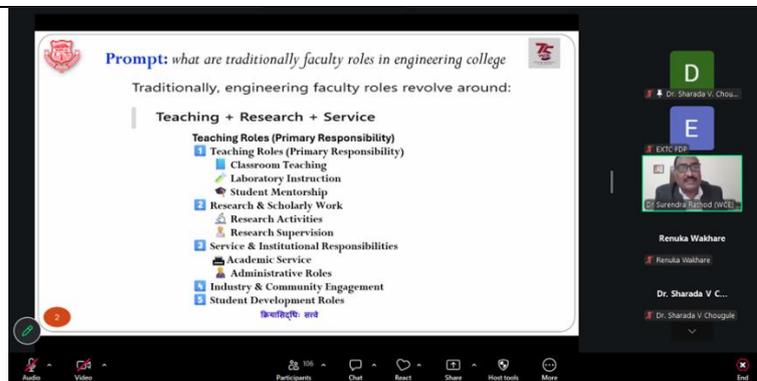


**Inaugural speech by Dr. V. A. Bharadi (HoD IT and Convener)**

**GLIMPSES OF FDP SESSIONS BY EMINENT EXPERTS:**

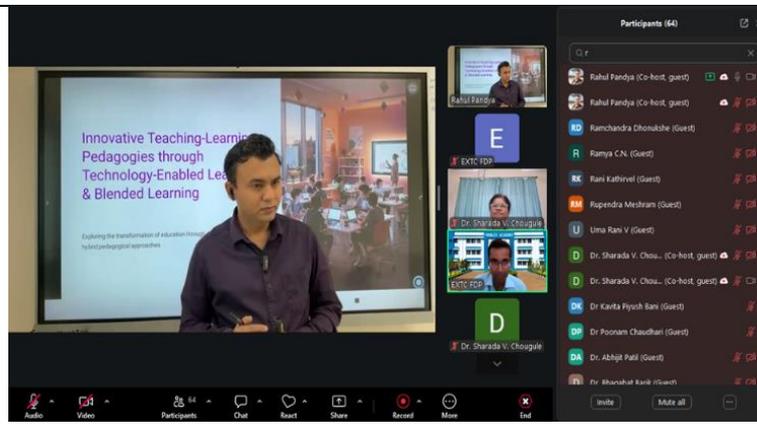
**Dr. Surendra Singh Rathod,** Director, Walchand College of Engineering, Sangli

**Topic:** Redefining Faculty Roles in NEP 2020: Building Educators for Atmanirbhar Bharat



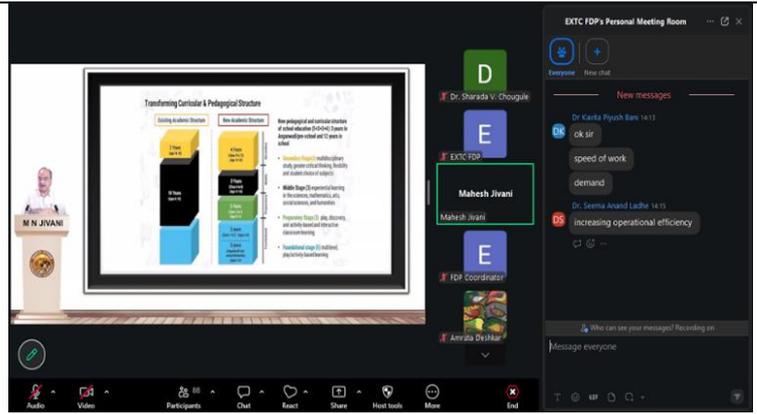
**Dr. Rahul Pandya,** Assistant Professor, Electrical, Electronics and Communication Engineering Dept., IIT Dharwad, Karnataka

**Topic:** Innovative Teaching-Learning Pedagogies through Technology-Enabled Learning (TEL) & Blended Learning

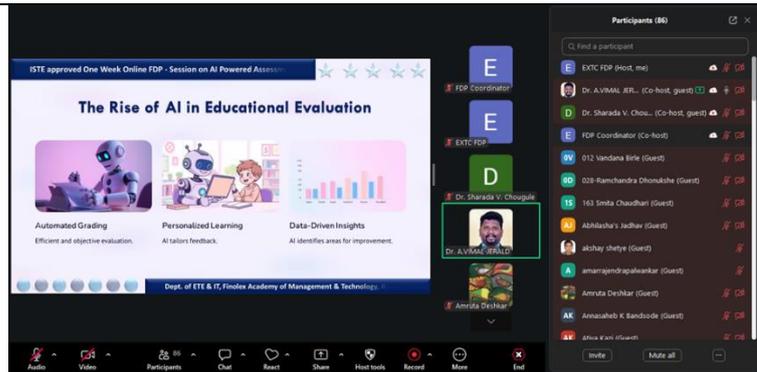


**Dr. M N Jivani**, HOD C Professor, Electronics Dept., Saurashtra University, Rajkot, Gujrat

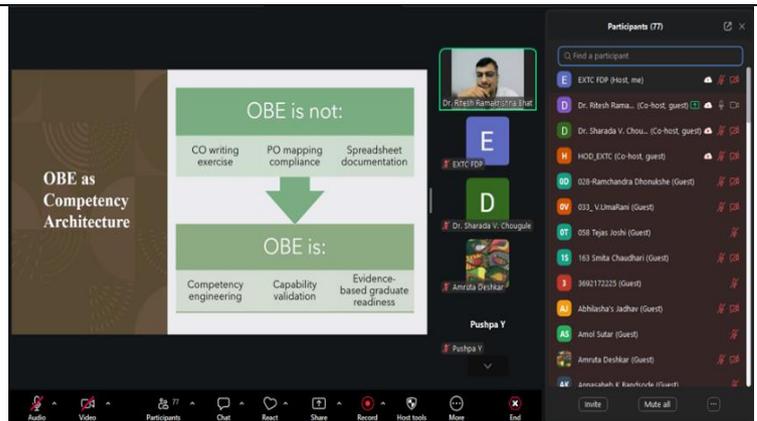
**Topic:** Future-Ready Classrooms: Preparing for an AI-integrated Education System



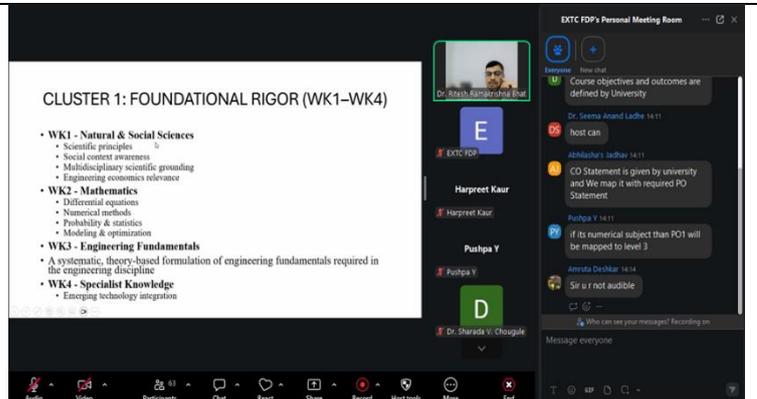
**Dr. A. Vimal Jerald**, Assistant Professor, Dept. of Computer Science, St. Joseph's College, Tiruchirappalli, Tamil Nadu  
**Topic:** AI-Powered Assessment Design



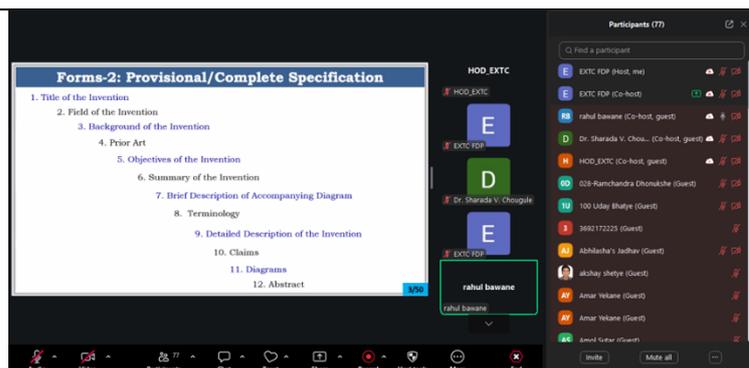
**Dr. Ritesh Bhat**, Deputy Dean, School of Advanced Manufacturing at Sricity International University, Tirupati, Andhra Pradesh  
**Topic:** Mastering OBE for Employability Enhancement



**Dr. Ritesh Bhat**, Deputy Dean, School of Advanced Manufacturing at Sricity International University, Tirupati, Andhra Pradesh  
**Topic:** Transformation of OBE Practices with WK-PO Integration and Generative AI



**Dr. Rahul K. Bawane,**  
Assistant Professor, Pimpri  
Chinchwad College of  
Engineering & Research,  
Pune, Maharashtra.  
**Topic: e-Patent Submission**

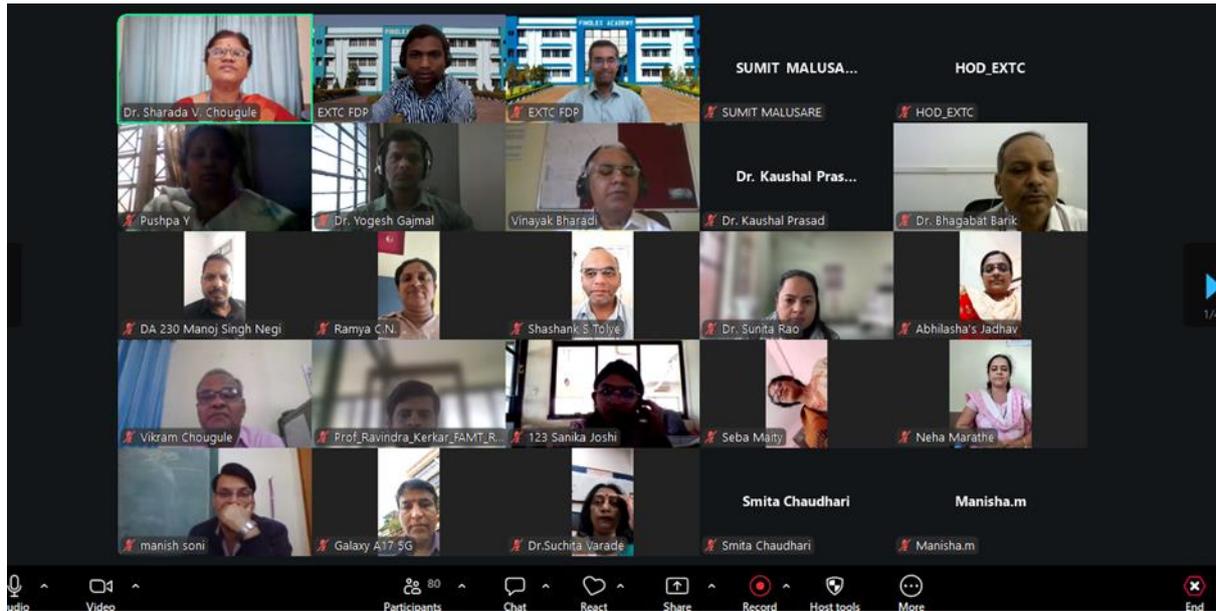


At the end of the FDP, an online test was conducted based on the content covered during the one-week FDP.

### **Valedictory Session:**

The FDP was concluded with a valedictory session on 21<sup>st</sup> February, 2026. In the valedictory session few participants expressed their views regarding FDP. **Dr. Kaushal Prasad (Principal, FAMT Ratnagiri and patron of FDP)** shared his views. He appreciated the aptly chosen theme of FDP and congratulated the organizing team for planning and conducting such an event. Subsequently, **Dr. V. A. Bharadi (FDP Convener)** also shared his concluding remarks. The valedictory speech focusing on the highlights of the one-week FDP was delivered by **Dr. Mrs. S. V. Chougule (FDP Convener)**. She congratulated the FDP coordinators for meticulous planning, efficient coordination, and the successful execution of the entire FDP.

Finally, the Vote of thanks was delivered by **Prof. Vinayak D. Chavan (FDP Coordinator)**. He expressed his gratitude towards management (Hope Foundation) for financial support and **Dr. Kaushal Prasad (Principal, FAMT Ratnagiri)** for motivation, mentoring and continuous support throughout the event. He highlighted the immense assistance by various other contributors for the smooth conduction of FDP and conveyed thanks to all of them. Lastly, he gave wholehearted thanks to all participating candidates from various states across India for making the FDP successful.



**Group screenshot of participants along with organizing team**