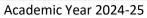


JSPM's RAJARSHI SHAHU COLLEGE OF ENGINEERING TATHAWADE, PUNE-33 (An Autonomous Institute Affiliated to Savitribai Phule Pune University,Pune)



Department of Information Technology

Online FDP on "Advancements in AI with IOT for Sustainability"

Duration: 16/12/2024 to 20/12/2024

Timings: 2:00 pm to 5:00 pm

Title: Faculty Development Program on **Advancements in AI with IOT for Sustainability Venue:** Online JSPM RSCOe Zoom Platform

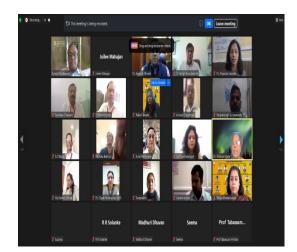
Organized By: Department of Information Technology

Total Participants 45

Approved By: ISTE

The Faculty Development Program (FDP) was organized to enhance the teaching capabilities, research skills, and overall professional growth of the faculty members. The primary goal was to provide opportunities for faculty to engage with contemporary developments in education, research, technology, and pedagogy on emerging technologies such as AI and IOT This program was specifically designed to assist faculty in refining their practical knowledge.





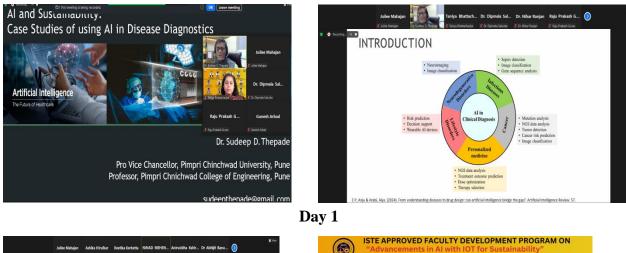
The Faculty Development Program spanned one week, and included a variety of sessions such as, presentations, and hands on sessions on recent technologies of AI.

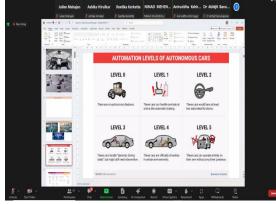
The different topics covered are as follows

- Case studies of AI based disease identification in medical diagnostics
- Startup using AI and IoT
- Sensors and Deep Learning approaches for autonomous vehicles
- Applications of AI and Computer Vision in Automotive industry
- Smart sustainable development perspective using AIoT
- AI for Healthcare
- AI for Healthcare



- AI & IoT in Precision Agriculture
- Hands on session









The program featured a mix of expert speakers, including experienced academics, researchers, and eminent personalities from Industry. The program employed a combination of theoretical lectures, interactive workshops, case studies, and group discussions to create an engaging learning environment. Faculty members were encouraged to actively participate and share their experiences. Several hands-on sessions were organized, where participants were allowed to use tools and techniques discussed in real-time scenarios.





Feedback from the participants was collected through surveys at the end of the program. Key findings from the feedback include:

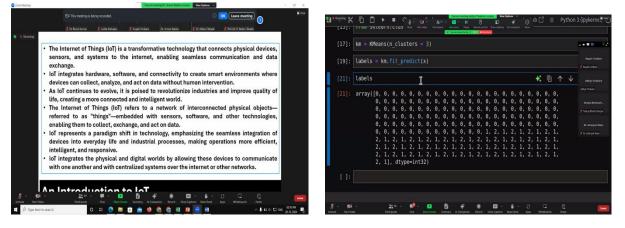
- **Content Quality:** 95% of the participants rated the content of the sessions as highly relevant and valuable.
- **Speaker Effectiveness:** 90% of the participants found the speakers knowledgeable and effective in delivering the sessions.
- **Engagement Level:** 85% of participants stated that the interactive nature of the program enhanced their learning experience.
- **Suggestions for Improvement:** Some participants suggested including more practical sessions and real-world case studies for a deeper understanding of the topics.

The Faculty Development Program was highly successful in achieving its objectives. It provided valuable insights into modern teaching practices, research strategies, and personal development for faculty. The program not only equipped faculty with the necessary tools and knowledge to improve their teaching effectiveness but also fostered an environment of collaborative learning and professional growth.









Day 5

The feedback indicates a high level of satisfaction, and participants have expressed a strong desire for similar programs in the future. This initiative has contributed to fostering a more dynamic, engaging, and productive academic environment at information technology department.



Al. Ronforn.

FDP Coordinator

HOD IT