

A Report On



A One week Faculty Development Program (FDP)

on

'Artificial Intelligence for All'

1st December 2025 to 5th December 2025



Organized by Sarvajanik University In Association with

Sarvajanik College of Engineering and Technology (SCET)

Coordinators: Dr. Vivaksha Jariwala Dr. Dhruti Sharma

About the FDP:

The Five-Day Faculty Development Programme (FDP) on "AI for All" aimed to provide educators, researchers, and professionals with an in-depth understanding of Artificial Intelligence and its practical applications in academics, industry, and society. The event successfully concluded on 5th December 2025, featuring nine expert-led sessions, hands-on workshops, and a valedictory ceremony. The program received an overwhelming response with more than 80 registrations, reflecting the growing interest in AI-enabled academic and professional practices. The sessions covered core AI concepts, machine learning algorithms, prompt engineering, AI-supported teaching, learning, assessment, and research activities, along with discussions on ethical and social implications. Participants also gained practical experience through hands-on activities with AI tools and a dedicated Power BI workshop, equipping them with valuable analytical and AI-integration skills.

Title	Artificial Intelligence for All		
Date	1st December to 5th December 2025		
Time	1:30 pm to 4:30 pm		
Venue	IT Lab-5, SCET		
Organized by	Sarvajanik University in association with Sarvajanik College of Engineering and Technology		
	Prof. Palak Desai, Assistant Professor, SCET		
Organizing	Prof.(Dr.) Vibha Patel, Assistant Professor, SCET		
Committee	Ms. Heena Desai, Lab Assistant, SCET		
	Ms. Khushbu Naik, Lab Assistant, SCET		
	Prof.(Dr.) Keyur Rana, SCET		
	Prof.(Dr.) Mita Parikh, SCET		
	Prof.(Dr.) Nirali Nanavati, SCET		
	Prof.(Dr.) Yesha Mehta, SRKI		
	Prof.(Dr.) Vibha Patel, SCET		
Resource	Prof. Tushar Gohil, SCET		
Persons	Prof. Mukesh Patel, SCET		
	Prof. Dhatri Pandya, SCET		
	Prof. Palak Desai, SCET		

	Artificial Intelligence: Concepts, History & Applications
Topics covered	Machine Learning: Algorithms and Applications
	Prompt Engineering
	When Games Learn to Think: AI in Game Play
	AI in Teaching, Learning, and Assessment
	AI for Research and Publication Support
	Ethical and Social Implications of AI
	Hands-on with AI Tools
	Hands on Workshop (Data Analytic Tool: Power BI)
Total	41
Participants	11

FDP Brochure:

REGISTRATION FEES There is no fees for Sarvajanik University (SU) Faculty members & Research scholars Shri, Ashish Vakil, President, Sarvajaník University SARVAJANIK Dr. Kiran Pandya, Provost, Sarvajanik University For Faculty members & Research Scholars from outside SU: Rs. 500/-UNIVERSITY CONVENER Dr. Hiren Patel, Principal, SCET REGISTRATION LINK INCLUSIVE | INTEGRATED | INNOVATIVE EXECUTIVE SUPPORT https://forms.gle/Xd3Bn9bTuwQTgHka9 creating an enlightened society... Mr. Ashish Desai, Registrar, Sarvajanik University Sarvajanik University COORDINATORS Dr. Vivaksha Jariwala, Professor, Department of Information Technology, SCET, Surat In Association with Sarvajanik College of Engineering and Dr. Dhruti Sharma, Associate Professor Department of Information Technology, SCET, Surat REGISTRATION FORM Technology (SCET), Surat Name: (In Block Letters): ORGANIZING COMMITTEE Prof. Palak Desai, Assistant Professor, Department of Information Technology, SCET, Designation: Surat Dr. Vibha Patel, Assistant Professor, Department of Information Technology, SCET, Institutional Address: One Week Faculty Development Program 3) Ms. Heena Desai, Lab Assistant, Department of On Highest Qualification: Information Technology, SCET, Surat 4) Ms. Khushbu Naik, Lab Assistant, Department of Information Technology, SCET, Surat Area of Specialization: Research Interests: 'Artificial Intelligence FDP CONTENTS Artificial Intelligence(AI) - Concepts, History for All' Mobile No. _____ Email: _ & Applications Machine Learning - Basics and Applications Date: Signature of Applicant Prompt Engineering - Basics and Applications Al in Game Playing Al in Teaching, Learning, and Assessment Date: 1st to 5th December 2025 The candidate Mr./Mrs./Dr./Prof. is hereby officially permitted by the institute to attend the FDP titled "Artificial Intelligence for All" during the period 1st to 5th December 2025. Al for Research and Publication Support Ethical and Social Implications of AI Sarvajanik University TIFAC-CORE Building, Dr. R. K. Desai Marg, Athwalines, Surat-395001, Gujarat, India. Emerging Trends in Al Hands-on with various Al tools Hands-on with Data Analytics tool Website: https://sarvajanikuniversity.ac.in/ SIGNATURE OF DIRECTOR / PRINCIPAL with SEAL Email: info@sarvajanikuniversity.ac.in

ABOUT SARVAJANIK UNIVERSITY

The Sarvajanik Education Society has established Sarvajanik University was established by The Sarvajanik Education Society on 1st June, 2021, under the Gujarat Private Universities Act No. 8 of 2009 and Amendment Gujarat Private Universities Act No. 15 of 2021.

'Integrated, Inclusive & Innovative' are the core values on which the Sarvajanik University believes to walk forward. To guide, educate, mento the youth of the nation, under one umbrella is the key objective of the University. Under its aegis there are eight constituent institutes imparting education in domains of Arts, Business, Commerce, Architecture and Design, Engineering, Law, Management, Science and Humanities.

Core human values have been integrated in the Interdisciplinary understanding of theories and practicalities of life skills so that the students can contribute holistically to the development of the nation. The university also believes in collaborative exchange of knowledge and expertise with other educational institutions locally as well as globally.

Values that encourage civic participation, ethical professional practices and happy community living are integral part of the university's curriculum.

ABOUT SCET

SCET established in the year 1995, is one of the oldest self-financed institutes in the state of Gujarat. Being an integral part of the biggest Philanthropic Society of the Country, SCET has a strong base of values and commitments to create a progressive civilization. It is located in the heart of the city and presently enrolls more than 3000 students in various disciplines of Engineering, and MCA. All the courses offered by the institute are approved by

SCET believes in continuously upgrading and SCET believes in continuously upgrading and updating its resources not only in terms of infrastructure but also the human resources. Besides the strong value base and the legacy of the Sarvajanik Education Society, SCET is blessed to have a team of qualified, experienced, dedicated and energetic professionals to fulfil its vision of creating a metal-policy and advanced society by delivering a sustainable and advanced society by delivering quality and value based education and research

At SCET several courses are accredited which validate our good practices, teaching methodology, holistic development of students, faculty strength,infrastructure, placements etc.

ABOUT THE PROGRAM

This FDP offers an in-depth exploration of Artificial Intelligence (AI), from foundational concepts to emerging applications. Participants will gain a comprehensive understanding of AI, including its core concepts and real-world applications. The program covers essential Machine Learning algorithms and their practical uses.

Handson, sessions with AI tools will provide

Hands-on sessions with Al tools will provide practical exposure, enabling participants to integrate Al into teaching, learning, and assessment effectively. Additionally, the FDP will highlight how Al can support research and publication activities, Fostering productivity and innovation in academic environments. A dedicated module on Prompt Engineering will equip participants with the skills to effectively communicate with AI language models, enabling them to generate precise outputs, enhance content creation, and support academic tasks through well-crafted prompts.

The program also addresses critical aspects of emphasizing building trust, empathy, and effective interaction between humans and intelligent systems. Ethical and social implications of AI will be discussed to ensure responsible use in professional and societal contexts. Participants will explore emerging trends like Gen-Al and creative Al applications, to stay ahead in this rapidly evolving

OBJECTIVES OF FDP

- To provide a comprehensive understanding of Artificial Intelligence, its concepts, history, and real-world applications.

- real-world applications.

 To introduce Machine Learning algorithms and demonstrate their practical applications, including Al in game development and education.

 To offer hands-on experience with Al tools, prompt engineering, and explore their use in research, teaching, and publication support.

 To discuss ethical, social, and human-Al collaboration aspects, while highlighting emerging trends such as Generative AI, automation, and creative applications.

SPEAKERS

- Dr. Keyur Rana, Professor, Computer Engineering Department, SCET.
 Dr. Mita Parikh, Professor, Information Technology Department, SCET.
 Dr. Nirali Nanavati, Associate Professor, Rana, Professor, Computer

- Computer Engineering Department, SCET.

 Dr. Vesha Mehta, Assistant Professor, Shree Ramkrishna Institute of Computer Education and Applied Sciences (SRKI).

- and Applied Sciences (SRKI).

 Dr. Dhatri Pandya, Assistant Professor, Computer Engineering Department, SCET.

 Dr. Vibha Patel, Assistant Professor, Information Technology Department, SCET.

 Prof. Tushar Gohil, Assistant Professor, Information Technology Department, SCET.

 Prof. Mukesh Patel, Assistant Professor, Information Technology Department, SCET.

 Prof. Palak Desai, Assistant Professor, Information Technology Department, SCET.

ELIGIBILITY

The program is interdisciplinary in nature and is open to faculty members from diverse disciplines across various colleges, encouraging participation from educators with different academic

Last date for Registration: 27th Nov, 2025 List of Eligible Candidates: 28th Nov, 2025

(E-mail will be sent to eligible candidates)

ADDRESS FOR COMMUNICATION

Dr. Vivaksha Jariwala, Coordinator Department of Information Technology, Sarvajanik College of Engineering and Technology, E-mail: yivaksha jariwala@sarvajanikuniversity ac.in Mobile: 9898382008

Dr. Dhruti Sharma, Coordinator Department of Information Technology, Sarvajanik College of Engineering and Technology, E-mail: dhruti.sharma@sarvajanikuniversity.ac.in Mobile: 9925010162

FDP Schedule:



Sarvajanik University Sarvajanik College of Engineering & Technology Schedule of Faculty Development Program on "Artificial Intelligence for All"



Start Date: 1st December 2025

End Date: 5th December 2025

Day 1 (1/12/2025)	Day 2 (2/12/2025)	Day 3 (3/12/2025)	Day 4 (4/12/2025)	Day 5 (5/12/2025)
Session 1 1:30 PM to 2:45 PM Topic: Artificial Intelligence: Concepts, History &	Session 3 1:30 PM to 2:45 PM Topic: Prompt Engineering Expert Name:	Session 5 1:30 PM to 2:45 PM Topic: Al in Teaching, Learning, and Assessment	Session 7 1:30 PM to 2:45 PM Topic: Ethical and Social Implications of AI	Session 9 1:30 PM to 2:45 PM Topic: Hands-on with Data Analytic Tool
Applications Expert Name: Prof.(Dr.) Keyur Rana Professor, SCET	Prof. Palak Desai Assistant Professor, SCET.	Expert Name: Prof. Mukesh Patel Assistant Professor, SCET.	Expert Name: Prof. Dhatri Pandya Assistant Professor, SCET	Expert Name: Prof. Tushar Gohil Assistant Professor, SCET
Session 2 3:00 PM to 4:15 PM Topic: Machine Learning: Algorithms and Applications	Session 4 3:00 PM to 4:15 PM Topic: When Games Learn to Think: Al in Game Play Expert Name:	Session 6 3:00 PM to 4:15 PM Topic: AI for Research and Publication Support Expert Name:	Session 8 3:00 PM to 4:15 PM Topic: Hands-on with Al Tools (No Coding Required) Expert Name:	3:00 PM to 4:15 PM Valedictory : Quiz, Feedback
Expert Name: Prof.(Dr.) Mita Parikh Professor, SCET	Prof.(Dr.) Nirali Nanavati Associate Professor, SCET	Prof.(Dr.) Vibha Patel Assistant Professor, SCET	Prof.(Dr.) Yesha Mehta Assistant Professor, SRKI	

Details of each session:

Session 1: Artificial Intelligence - Concepts, History & Applications

Speaker: Prof. (Dr.) Keyur Rana

This session provided a comprehensive introduction to the foundational concepts of Artificial Intelligence. The speaker highlighted the evolution of AI, from early rule-based systems to contemporary learning-driven approaches. Expert had discussed Brain Computer Interface and various use cases of Deep Learning. Participants gained clarity on AI's usage and future possibilities.





Session 2: Machine Learning – Algorithms and Applications Speaker: Prof. (Dr.) Mita Parikh

The session focused on the core principles of Machine Learning, covering supervised and unsupervised algorithms. Expert had also discussed various algorithms such as Decision Tree, Bayesian Learning, Artificial Neural Networks and Genetic Learning. Participants also learned about how one can develop AI systems using Machine Learning concepts.





Session 3: Prompt Engineering

Speaker: Prof. Palak Desai

The session introduced the fundamentals of Generative AI and explained how prompt engineering enhances model performance. Expert discussed core principles, effective prompting techniques, and widely used frameworks for structured prompt design. Key challenges such as AI hallucinations were highlighted along with strategies to minimize them, including the use of Retrieval-Augmented Generation (RAG). The session also emphasized the importance of data safety and protection while working with AI systems.





Session 4: When Games Learn to Think - AI in Game Play

Speaker: Prof. (Dr.) Nirali Nanavati

The session explored how AI techniques power modern gameplay, from non-player character behavior to complex decision-making systems. The speaker explained algorithms. Expert had also discussed about gamify concept in modern Gaming and used in E-commerce sites. Participants learned how AI enhances immersion, adaptability, and challenge in digital games. Case studies from well-known games illustrated the transformative role of AI in entertainment.





Session 5: AI in Teaching, Learning, and Assessment

Speaker: Prof. Mukesh Patel

The session introduced the role of AI in modern education and outlined its foundational concepts. Prof. Mukesh Patel explained how AI has evolved to support personalized learning, intelligent tutoring, and improved teaching practices. He highlighted applications in assessment such as automated grading, feedback generation, and learner analytics. Ethical concerns, implementation frameworks, and evidence of AI's impact were briefly discussed. The session concluded with a hands-on demonstration using NotebookLM for academic tasks.





Session 6: AI for Research and Publication Support

Speaker: Prof.(Dr.) Vibha Patel

The session on "AI for Research and Publication Support" provided participants with practical insights into leveraging AI-driven tools to enhance the research workflow. The expert demonstrated how AI can streamline literature surveys by quickly identifying relevant sources and synthesizing key insights. Techniques such as snowballing and citation chaining were explained with the help of advanced research tools, enabling participants to trace influential works, explore related studies, and build comprehensive reference networks. The session highlighted how AI can significantly improve efficiency, accuracy, and depth in academic research.





Session 7: Ethical and Social Implications of AI, Prof. Dhatri Pandya

Speaker: Prof. Dhatri Pandya

The session highlighted how AI has become pervasive across industries and traced its rapid evolution over the years. Expert discussed key ethical concerns such as bias, transparency, privacy, and accountability in AI systems. The social implications of large-scale AI adoption were examined, including its impact on employment, decision-making, and societal behavior. A collaborative group activity helped participants reflect on real-life scenarios, followed by key takeaways and an interactive Q&A session.





Session 8: Hands-on with AI Tools Speaker: Prof. (Dr.) Yesha Mehta

The session offered a practical demonstration of popular AI tools used for content generation, data processing, and automation. The speaker guided participants through real-time workflows to solve academic and administrative tasks using AI. The hands-on approach helped attendees gain confidence in using AI tools independently. The session encouraged experimentation and innovation in day-to-day work.





Session 9: Hands-on Workshop with Data Analytics

Speaker: Prof. Tushar Gohil

This final session provided a practical workshop on using Power BI for data analytics and visualization. Participants learned how to import datasets, build dashboards, and derive insights using interactive charts. The session emphasized data storytelling and decision-making through analytics. The hands-on experience enabled participants to understand real-world applications of BI tools.





Quiz Session:

The Faculty Development Program (FDP) concluded with an interactive **quiz session** aimed at reinforcing the key concepts and knowledge covered throughout the five-day program. The quiz included questions spanning all the major topics discussed during the sessions, encouraging participants to recall, apply, and integrate their learning. It provided an engaging platform for participants to test their understanding in a fun and competitive environment. Active participants who demonstrated keen interest and accurate responses were acknowledged and appreciated, fostering a sense of accomplishment and motivating continued learning beyond the FDP.





Valedictory Session:

The Faculty Development Program (FDP) concluded with a formal valedictory function, marking the successful completion of the five-day program. During the session, participants expressed their appreciation for the collaborative efforts of Sarvajanik University and SCET in organizing and conducting the FDP, highlighting the smooth coordination, quality of content, and the opportunity to enhance their knowledge and skills.

A vote of thanks was delivered by Prof. (Dr.) Vivaksha Jariwala, acknowledging the contributions of resource persons, organizers, and participants, and appreciating the collective effort that made the program successful.

The program concluded on a highly positive note, motivating participants to adopt AI-driven practices in their professional and academic work, ensuring that the knowledge gained during the FDP translates into meaningful action in their respective fields.

Participant's Details:

Sr. No.	Name	Institute Name	
1	Dr. Hemangi Hitesh Desai	Shree Ramkrishna Institute of Computer Education & Applied Sciences	
2	Dr. Jayesh Desai		
3	Dr. Ushma K. Desai	B.R.C.M. College of Business Administration	
4	Dr. Mrunal Joshi		
5	Prof. Persi Rusi Engineer		
6	Prof.Bhavna Vimawala		
7	Prof. Palke Patel		
8	Prof. Sanaeya H Variava		
9	Prof. Vahhbiz Engineer		
10	Prof. Shivani Jignesh Thakkar	Institute of Design Planning and Technology	
11	Prof. Chintan Shah	(IDPT-SCET)	
12	Dr. Jasmine Kaur		
13	Prof. Rajarshi Smart		
14	Prof. Beena Sheth		
15	Prof. Vishal K Mashruwala		
16	Prof. Krushnapriya Smart		

17	Dr. Hemlata Agarwal		
18	Dr. Ravi D. Vaidya		
19	Dr Parinaz Bharucha	S. R. Luthra Institute of Management	
20	Dr. Hiren Kamleshbhai Patel		
21	Yesha Joshi		
22	Drashti Shah		
23	Manav Chhatwani	Sarvajanik College of Commerce and Computer Applications	
24	Dr. Bina Ajaykumar Shah		
25	Prof. Apurva Bharat Mandalaywala	Sarvajanik College of Engineering & Technology	
26	Dr. Hitesh S. Desai		
27	Prof. Jayana Rana	,	
28	Dr. Piyush Thakorbhai Patel		
29	Dr. Tasnim Kundan Patel		
30	Dr. Kosha Vishvas Zaveri		
31	Dr. Bhadresh Anilkumar Dalal	Sarvajanik College of Law	
32	Ms. Nehaben Jayantibhai Patel		
33	Dr. Vaishali Koshti		
34	Parth Nirav Shroff	Sarvajanik University	
35	Bunha Hemangi Kanubhai		
36	Nimisha S. Agrawal		
37	Dr. Sanjay Parekh	Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat	
38	Prof. Jayesh Arvindlal Pushtiwala		
39	Dr. Neha D. Sheth	BRCM College of Business Administration	
40	Prof. Kuldeepsinh Jadeja	Institute of Design Planning and Technology (IDPT-SCET)	
41	Dr. RanjanJ. Sabhaya	S. R. Luthra Institute of Management	

Quiz Insights:



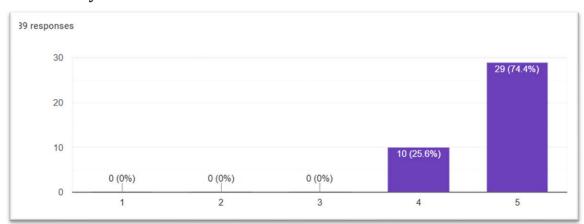
Feedback:

Questions are on the scale of 1 to 5 Scale:

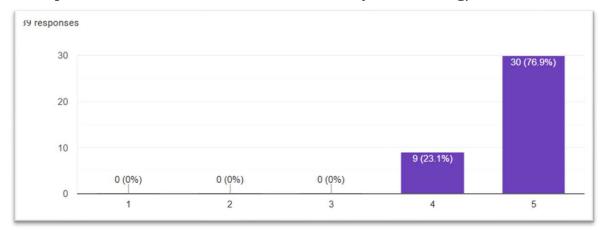
1 = Poor,

5 = Excellent

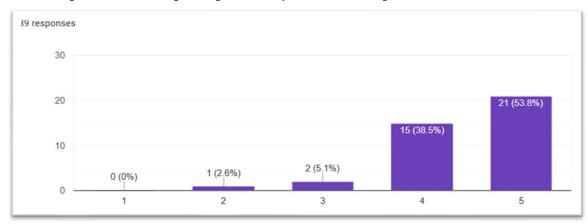
1. How would you rate the overall content of the FDP?



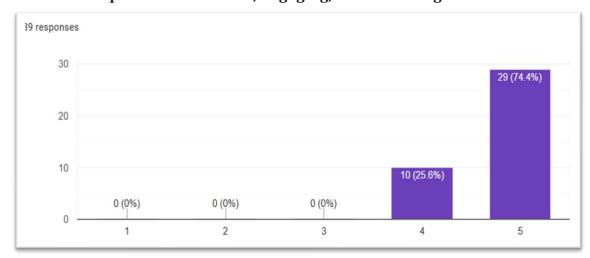
2. The topics covered were relevant and useful to your teaching/research.



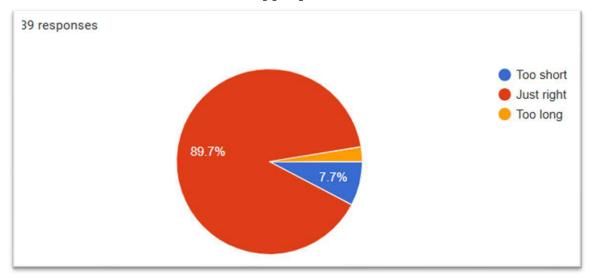
3. The FDP provided adequate practical/hands-on experience.



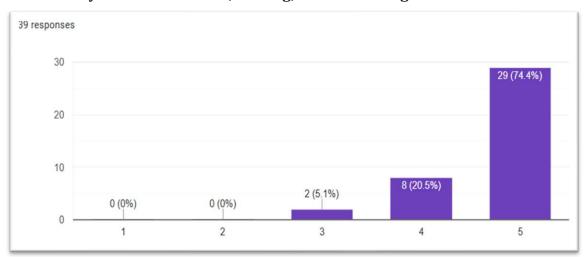
4. The resource persons were clear, engaging, and knowledgeable.



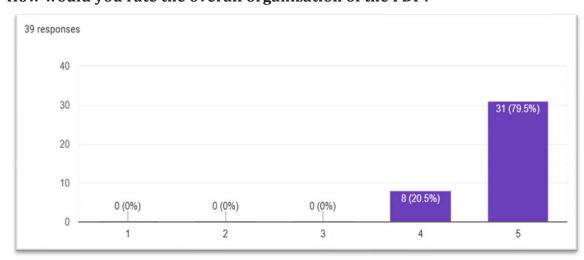
5. Was the duration of each session appropriate?



6. How would you rate the venue, seating, and lab arrangements?



7. How would you rate the overall organization of the FDP?



8. Feedback/ Suggestions for future FDPs:

- ✓ It was perfect
- ✓ Keep doing such sessions
- ✓ Best Wishes!
- ✓ Very insightful
- ✓ Awaited for more. Thank you so much SCET Coordinators. It will be very useful for me.
- ✓ We can now proceed to the next level, where each FDP can focus on one domain or area application. And they can be more hands-on.
- ✓ It was wonderful. Looking for more workshops like this.
- ✓ Very Good Arrangement!
- ✓ Duration is Too short for hands on sessions.
- ✓ Very Useful in daily life, very informative
- ✓ Thank for all support. Keep it up.
- ✓ EXCELLENT, VERY WELL DONE. ONLY LIMITATION WA LES TIME FOR HANDS ON BASED ON DIFFICLUTY OF HANDS ON , AS WE WERE DOING IT FOR 1ST TIME. SPECIALLY IN POWER BI
- ✓ Very Good Experience
- ✓ The FDP was well curated and insightful Request for more hands-on practical sessions.
- ✓ It was great experience, however more hands on time and lesser theory would have added more value.
- ✓ We need more such FDP in detail
- ✓ Thank you so much for this informative FDP. Also request to continue with intermediate and advanced level of the FDP.
- ✓ A little more Hands-on is preferable.
- ✓ On some AI based specialized tools exclusively used in research.
- ✓ Good, upgraded my understanding about different AI APP/WEB
- ✓ It was really appreciating event organised by our institute. i hope and looking forward for more insightful and emerging FDPs in future. Thank you for the FDP.
- ✓ Hands-on exercise needs improvement. Overall it is a good learning experience
- ✓ We need more information related to AI if possible arrange more informative session for us.
- ✓ "It as fun attending the 5day FDP workshop, learnt good :)
- ✓ Continue with more of such interactive, engaging and hand-on FDP sessions. "
- ✓ Overall experience was really good as understanding AI and its application learnt very methodically as i was only aware about very few aspects but this FDP provided insightful information. now can be more need to put in practice. it was wonderful experience. All faculties were very appropriate for each topic.
- ✓ The FDP was Resourceful, Technical and Comprehensive. Heartiest Congratulations to both the Co-ordinators Dr. Vivaksha Jariwala Ma'am, Dr. Dhruti Sharma Ma'am, all the Knowledgeable Resource Persons delivering lectures & Event Managers Prof.

Palak Desai Ma'am & Prof. Vibha Patel Ma'am. The FDP was indeed a Gala Success. Thanks for making me eligible as a Participant out of many applications received.

Press Note:



Glimpse of the FDP:











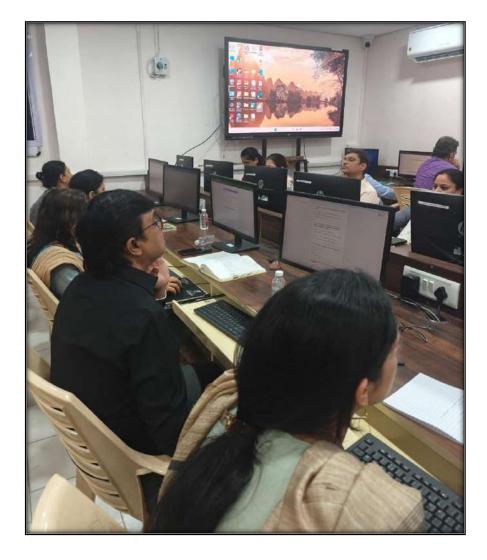












Conclusion:

The five-day FDP provided a comprehensive and insightful journey through the evolving landscape of Artificial Intelligence, covering its fundamental concepts, historical evolution, and wide-ranging applications. Participants gained practical exposure to machine learning algorithms, prompt engineering, AI-driven gameplay, and the growing role of AI in teaching, learning, and research. The sessions on ethics and societal implications reinforced the responsibility that comes with technological advancement, while hands-on activities with AI tools and Power BI strengthened participants' analytical and technical skills. Overall, the program successfully enriched participants with both conceptual understanding and practical competencies, empowering them to integrate AI meaningfully into their professional domains.

Acknowledgement:

We express our sincere gratitude to Dr. Kiran Pandya, Provost, Sarvajanik University, for giving us the opportunity to organize this meaningful and impactful Faculty Development Program. His encouragement has been vital in making this event possible.

Our heartfelt thanks go to Dr. Hiren Patel for his constant support, trust, and the freedom he provided throughout the planning and execution of this program. His motivation has been truly inspiring.

We also acknowledge the Sarvajanik Education Society for their continuous support and for fostering an environment that promotes academic growth and innovation.

We are deeply grateful to all the esteemed speakers for sharing their valuable time, expertise, and insights across the five days. Their contributions enriched the program and broadened our understanding of Artificial Intelligence.

We also appreciate the dedicated support of Heenaben and Khushbuben during the lab sessions, and thank Trishantbhai, Mineshbhai, and Dipakbhai for managing the refreshments.

Finally, we extend our warmest thanks to all the participants. Their involvement, curiosity, and enthusiasm added true meaning to this FDP and were central to its success.

We once again convey our gratitude to everyone for their support, with best wishes for continued learning and growth in the field of Artificial Intelligence.

Report compiled by:
Prof. Palak Desai
Dr. Vibha Patel