

**ISTE Approved 6 Days National level  
online Short Term Training Program on  
“Effective AI Tools for Enhancing  
Teaching, Learning, and Research”**

**Event Coordinator(s)**

**Prof. Smita Pawar**  
**Prof. Madhura Shirodkar**

**Time, Date & Place:**

18<sup>th</sup> November 2024 to 23<sup>rd</sup> November  
2024

**9:00 AM to 4:00 PM**

**Online Platform: Zoom Meeting.**

**No of participants: 130**

From 18<sup>th</sup> November 2024 to 23<sup>rd</sup> November 2024, Xavier Institute of Engineering hosted a 6-day course titled "Effective AI Tools for Enhancing Teaching, Learning, and Research". Organised by the Department of Electronics and Telecommunication Engineering (EXTC), in collaboration with XIE IIC Media cell and Innovation cell, the course aimed to equip educators and researchers with practical insights and skills to leverage artificial intelligence (AI) technologies in academic contexts.

**Day 1:**

The course commenced at 9:30 am with an inauguration ceremony hosted by Prof. Smita Pawar and Prof. Madhura Shirodkar where our esteemed Director Fr. Dr. John Rose S. J. gave an inspirational speech followed by the enlightening speech of our esteemed Principal Dr. Y.D Venkatesh. Further a keynote was address by Dr. Shilpa Joshi, Director of Academics, Universal AI University. Dr. Joshi discussed the transformative potential of AI in education and research, highlighting its role in revolutionizing teaching methodologies and enhancing scholarly pursuits.

Following the inauguration and keynote, the morning sessions were dedicated to exploring the fundamentals of Generative AI at 11:30 AM. The session was led by Mr. Aaron Johns where participants gained a comprehensive introduction to Generative AI technologies, understanding its principles and applications in various fields. The discussion expanded to explore how Generative AI can be effectively integrated into classroom environments to enhance learning outcomes and stimulate creativity among students.

After a brief break, Dr. Priyanka Chawla led a session on AI Tools in Education and Research at 2:00 PM. Dr. Chawla elaborated on cutting-edge AI tools designed specifically for educational and research purposes. The speaker introduced various AI tools like Scibber.com, Trinka, Sapling ai, Litmaps, Connected Papers, etc. Practical examples and case studies were shared to illustrate how these tools can streamline data analysis, optimize learning experiences, and facilitate innovative research methodologies.

## **Day 2:**

On day 2, the event commenced at 9:00 AM with a session on Innovative AI Tools for Research, led by Dr. Ramchandra Mangrulkar. The session began with an emphasis on the importance of publishing papers in reputable journals. Participants were introduced to the concept of ORCID ID, a unique identifier for researchers, and learned about effectively utilizing Scopus to access research papers and journals. The session also covered database management tools such as Semantic Scholar and Mendeley. Overleaf, an online collaborative LaTeX editor, was demonstrated for its capability to facilitate seamless collaboration among researchers in drafting and editing research papers. The session concluded with a vote of thanks by Prof. Smita Pawar followed by a short break.

Dr. Mendus Jacob led the next session, which focused on Questionpaper.ai, an innovative tool in education. Questionpaper.ai was demonstrated for its capability to generating question papers with answer keys as well as generation of syllabi. Later in the session the speaker illustrated different types of prompts. The speaker also introduced questioning chats on ChatGPT, which allows ChatGPT to ask questions while the user has to answer. These kinds of chats are useful for a student for practice as well as for a teacher for generating questions.

Following a brief break, the course continued with an in-depth exploration of Teaching Tools for Generative AI with Mr. Aron Johns as the resource. Before introducing these advanced tools, Mr. Johns underscored the ethical considerations and responsible usage of AI, ensuring participants understood the importance of ethical practices in their applications. The session introduced attendees to a range of lesser-known Generative AI tools like Jan, Rytr, Upscal, and UVRS, sparking curiosity and enriching participant's understanding in this rapidly evolving field.

## **Day 3:**

The event began at 9:00 AM with a session led by Fr. Fabien Barreto, who provided an insightful presentation on diabetic retinopathy. Diabetic retinopathy is a diabetes complication that affects the eyes, caused by damage to the blood vessels of the light-sensitive tissue at the back of the eye (retina).

Over time, it can lead to blindness if not properly managed. Fr. Barreto concluded his session at 11:15 am, after which Prof. Smita Pawar delivered a vote of thanks.

The second session commenced at 11:50 am with Prof. Lalita Moharkar discussing SciSpace. SciSpace is an innovative platform that helps researchers and academics discover, read, and collaborate on scientific literature more effectively. Prof. Moharkar logged into her account and provided a detailed demonstration of the platform's features and functionalities. This session wrapped up at 12:50 pm with a vote of thanks from Prof. Tejal Deshpande.

The third session started at 2 pm with Prof. Aaron Johns focusing on "Ethical Concerns of Deep AI: Deepfakes, Harmful Content, Job Displacement, and More." This session delved into the various ethical issues surrounding the development and deployment of advanced AI technologies. It covered the creation of deepfakes, the spread of harmful content, and the potential for significant job displacement as AI systems become more capable and widely adopted.

## **Day 4:**

A comprehensive workshop on AI tools was conducted; spanning four sessions. The event began at 9:30 AM with a session led by Prof. Joshua Michael, who provided an insightful presentation on AI tools for generating images and videos. He highlighted tools like DALL-E, DeepArt, Runway ML, and NVIDIA GauGAN, which are revolutionizing graphic design, marketing, and entertainment by enabling the creation of high-quality visual content with minimal effort. Joshua Michael concluded his session at 11:00 AM, after which Prof. Smita Pawar delivered a vote of thanks.

The second session commenced at 11:30 AM with Prof. Suhas Lawand discussing QuillBot, an AI-powered writing assistant. QuillBot offers features such as paraphrasing, summarizing, grammar checking, and synonym suggestions, significantly enhancing writing efficiency and quality. Prof. Lawand logged into his account and provided a detailed demonstration of QuillBot's features and functionalities. This session wrapped up at 12:15 PM with a vote of thanks from Prof. Smita Pawar.

The third session started at 12:15 PM with Prof. Nitin Ahire focusing on AI tools for creating PowerPoint presentations, specifically Gamma Tool and SCISPACE. These tools streamline the process of generating professional and visually appealing slides, with Gamma offering diverse design templates and SCISPACE catering to scientific presentations. This session concluded at 1:00 PM, followed by a vote of thanks from Prof. Smita Pawar.

The final session commenced at 2:00 PM with Prof. Janice Fernandes discussing tools for summarizing academic papers, such as SciNote and Paper Digest. She also engaged the participants in a broader discussion on the ethical implications and challenges of AI tool adoption. The debate emphasized balancing AI efficiency with human creativity and responsible use. Janice Fernandes wrapped up her session at 3:30 PM with a vote of thanks.

### **Day 5:**

Day 5 commenced at 9:00 AM with a session on the Reference Management Tool Zotero, guided by Dr. Prashasti Kanilkar. The session focused on highlighting Zotero's capabilities in organizing and citing sources seamlessly. Dr. Kanilkar first discussed the advantages of using Zotero, emphasizing its role in academic research. During the demonstration, participants learned about installing and using Zotero. Dr. Kanilkar showcased four key activities to help attendees better understand the tool. These included automatic bibliography generation, PDF annotation features, and collaborative research group management functionalities. Overall, the session aimed to enhance efficiency and accuracy in academic research practices through the effective use of Zotero.

Following a small break, the second session started at 10:45 AM where participants explored Advanced AI Tools: Redefining Teaching and Learning in Higher Education with Dr. Meenakshi Garg. The speaker elaborated on various AI tools tailored for higher education, including tools like Bard and Gemini for information gathering, and Grammarly and Quillbot for text editing. These demonstrations deepened participants' understanding of how AI technologies can significantly augment educational practices.

The Third session commenced at noon, led by Dr. Prathibha Sudhakaran, who delved into the realm of AI tools in research. Dr. Sudhakaran introduced a variety of AI tools that enhance the three crucial phases of research: discovering and accessing research papers, managing references, and facilitating note-taking.

The Fourth session was on Knowledge Management using LLM (Large Language Models) by Prof. Joshua Michael which started at 2:00 PM. Participants explored the capabilities of LLMs in knowledge management, information retrieval, and content generation. Practical demonstrations highlighted how LLMs can be integrated into academic workflows to automate document analysis, summarize research findings, and facilitate data-driven decision-making processes. At the end of the session the participants were able to implement basic Knowledge Management System.

The Fifth session was a session on Innovative Teaching Techniques on AI Tools by Prof. Tejal Deshpande and Prof. Pankaj Jain. They underscored the importance of embracing technological advancements to optimize teaching methodologies and foster personalized learning experiences. Prof. Jain introduced a website called brightclass.com and teacheasy.ai as examples of AI in education which held capabilities like personalization and question generation. The day concluded with a vote of thanks by Prof. Smita Pawar and Prof. Madhura Shirodkar.

### **Day 6:**

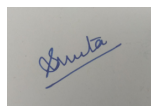
The final day commenced at 9:00 AM with a hands-on workshop on Report Writing using LaTeX by Dr. Vidya Sarode as the resource person. Participants learned the fundamentals of LaTeX, a typesetting system renowned for its use in creating academic and technical documents. The speaker introduced various Latex tools like Overleaf, ShareLatex, TeXstudio, Authorea, etc. But due its advantage over others in terms of security TeXstudio was chosen for further demonstration. The session covered essential LaTeX commands, document structuring techniques, bibliography management, and template customization, equipping participants with the skills to produce professional-quality reports and research papers.

Recognizing the significance of mental well-being, the course included a session on Yoga and Meditation for Stress Management immediately following the morning session. Dr. Ekta led this session, focusing on the 6 Shuddhikriyas which are breathing and relaxation techniques aimed at enhancing mental well-being and productivity in academic and professional environments. The session underscored the importance of holistic wellness in sustaining peak performance throughout scholarly pursuits.

The last session was delivered by Mr. Yogesh Pawar on Efficient Use of Pivot Table in MS Excel. The session started with basic Microsoft Excel formulae and inclined to advanced data analysis and visualization techniques using Pivot Tables within Microsoft Excel. The session focused on summarizing, analysing, and interpreting large datasets effectively, empowering participants to derive actionable insights and make informed decisions in their research and academic endeavours.

The day concluded with a valedictory session in presence of our esteemed Principal Dr. Y.D Venkatesh and Director Fr. Dr. John Rose S. J. During this session, Prof. Smita Pawar as course organizer extended her gratitude to participants and speakers for their invaluable contributions and steadfast support throughout the course. Participants, in turn, expressed their satisfaction with the course content and its design. Following this, an online Quiz and Feedback session was conducted, allowing participants to evaluate their learning outcomes and provide constructive feedback on the course content and delivery. Certificates of completion were then awarded, recognizing participants' dedication to advancing their knowledge and skills in AI-enhanced teaching, learning, and research.

Participants in the six-day course on AI tools and applications in education and research gained comprehensive insights into cutting-edge technologies such as Generative AI, advanced AI tools for research, and ethical considerations in AI deployment. They learned practical skills in utilizing tools like Zotero, QuillBot, and LaTeX for enhancing academic productivity and research efficiency. The course emphasized the transformative potential of AI in revolutionizing teaching methodologies, fostering collaborative research environments, and promoting ethical practices in AI applications. Overall, participants were equipped with tools and knowledge to integrate AI effectively into educational and research contexts, aiming to optimize learning outcomes and scholarly pursuits.

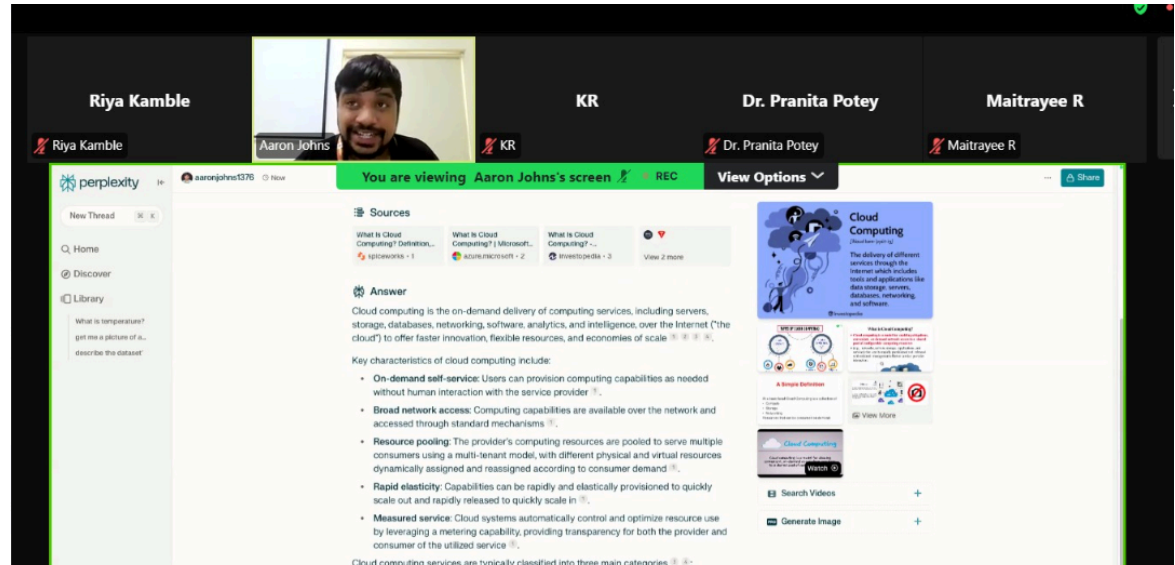
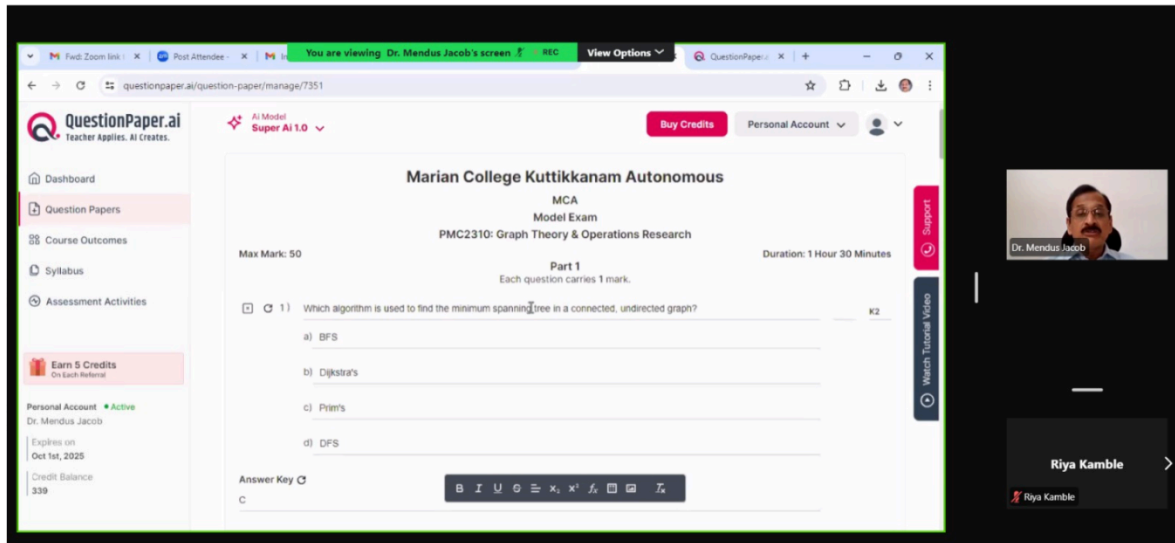
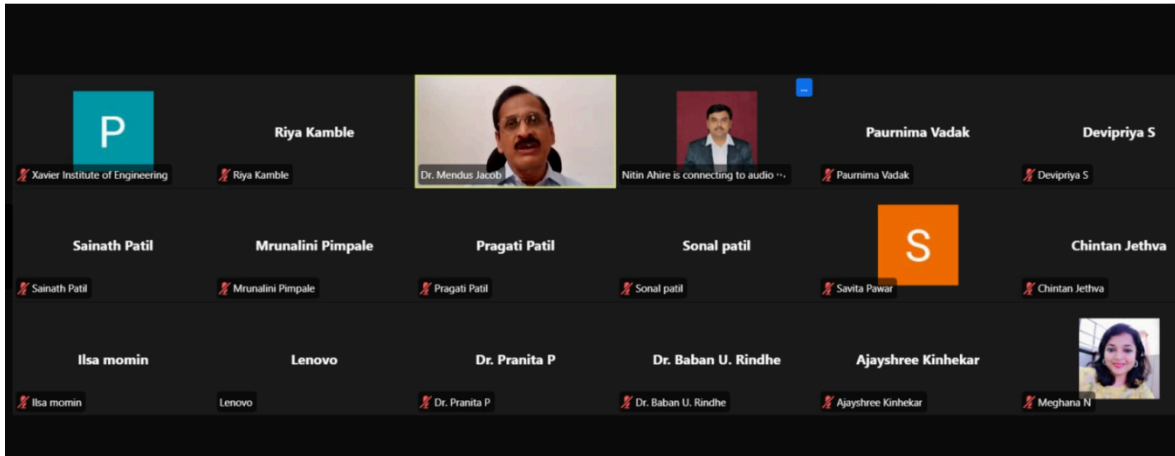


Prof. Smita Pawar  
STTP Coordinator

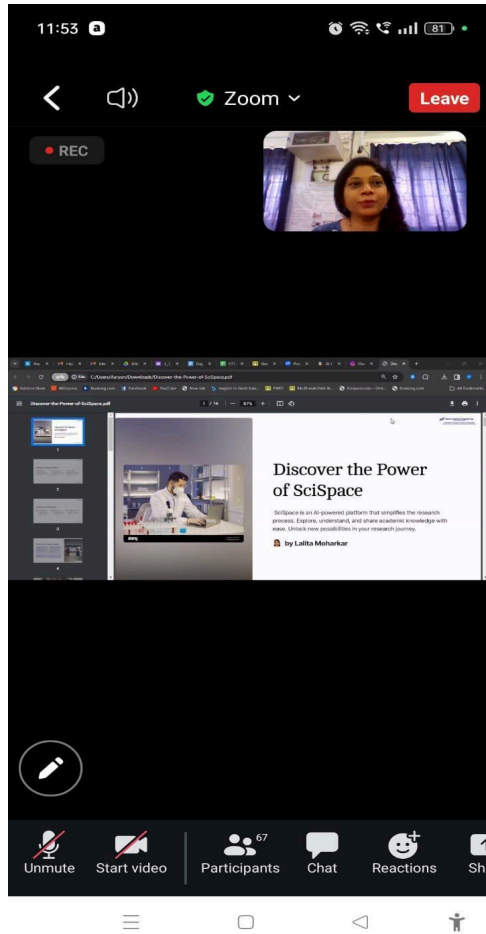
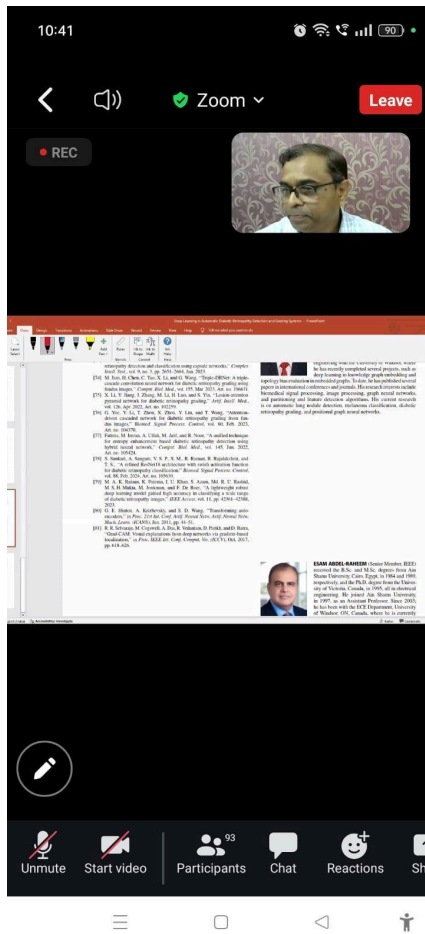


Prof. Madhura Shirodkar  
STTP Coordinator

# Glimpse of the Event:







2. DDPM Paper

- Forward diffusion process gradually adds noise to input
- Reverse process learns to generate data by denoising [3].

The diagram illustrates the DDPM process. It shows a sequence of states  $x_T, \dots, x_t, x_{t-1}, \dots, x_0$ . The forward process is labeled  $p_\theta(x_{t-1}|x_t)$  and the reverse process is labeled  $q(x_t|x_{t-1})$ . Handwritten notes include "noise" and "denoise" with arrows indicating the direction of the processes. A small image of a person's face is shown at the end of the sequence.

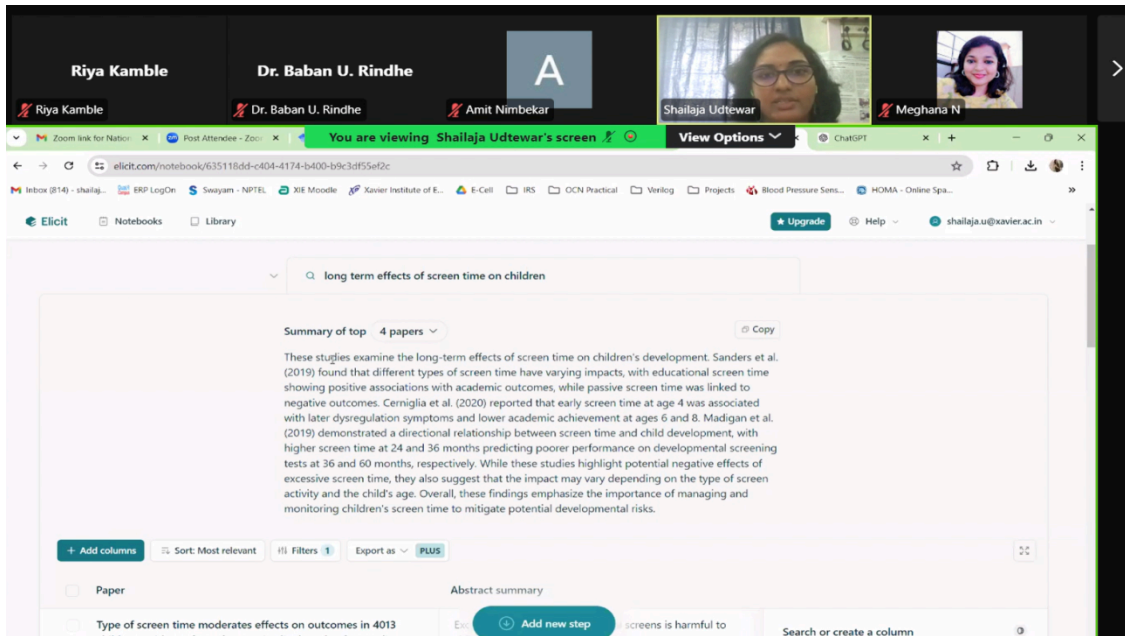
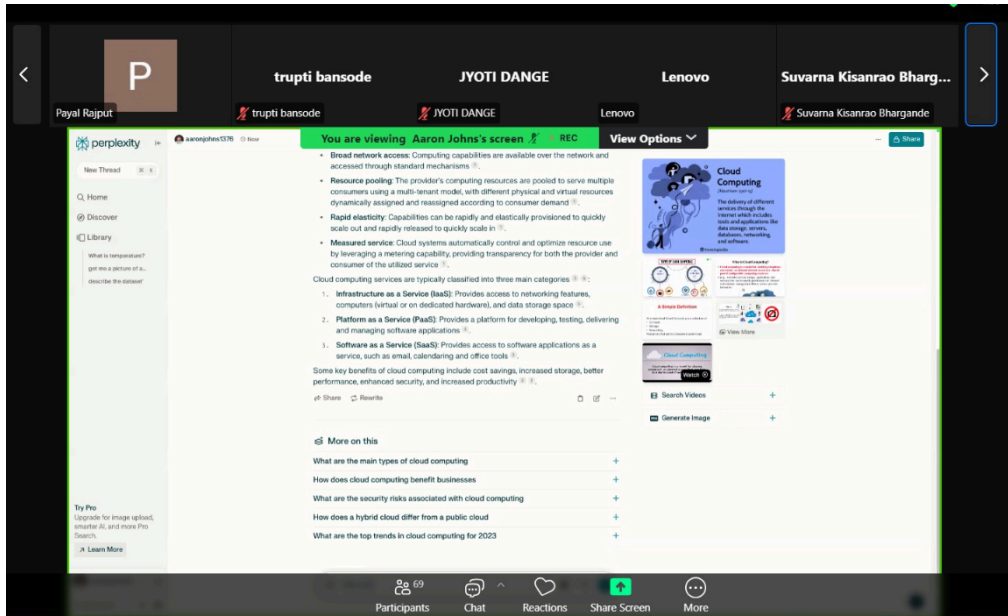
Riya Kamble, Dr. Shilpa Sewak, Sayali Mane, Dr. Kirti Agashe

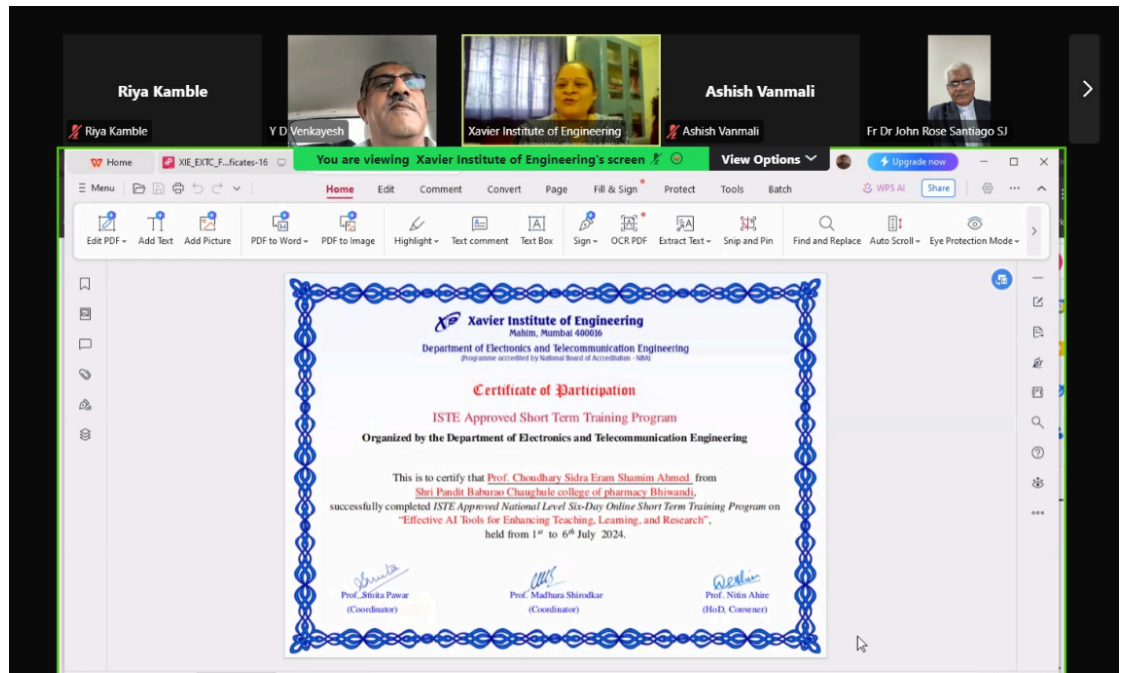
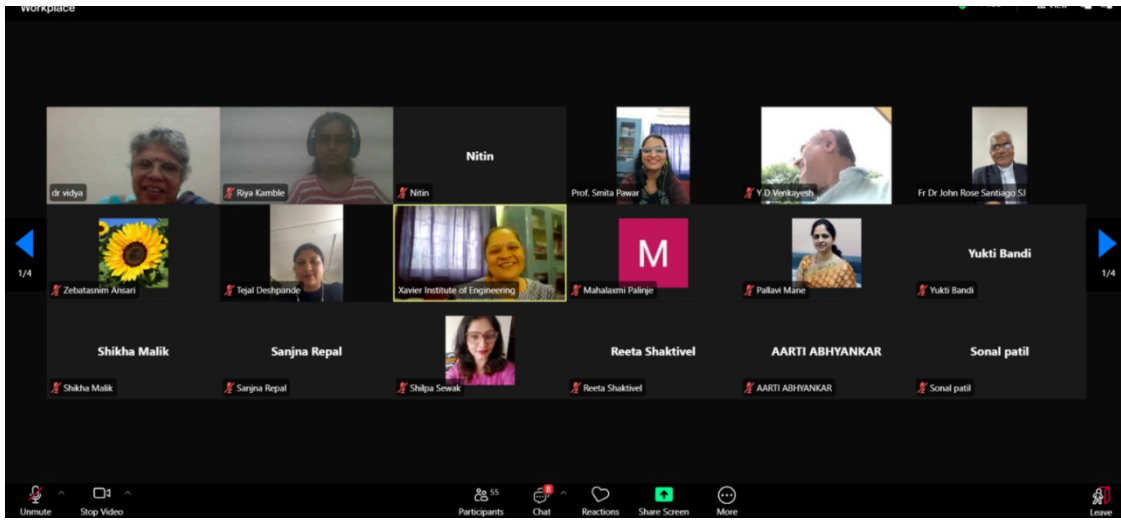
You are viewing Janice Fernandez's screen

## ASSIGNMENT 1 – Experimenting with ChatGPT

1. Log into ChatGPT using this link [www.chatgpt.com](http://www.chatgpt.com)
2. Put these questions successively in ChatGPT and see the results.
  - List the soft skills required by university teachers today.
  - List the skills with regard to critical thinking required by university teachers today.
  - List the ethical decision-making skills with regard to critical thinking required by university teachers today.
3. Now try these queries and see the results
  - List 2 decision making skills required by university teachers in the 21<sup>st</sup> century giving an example of each relevant to the Indian scenario.
  - List 2 instances of university teachers having used their decision-making skills in a critical way in the last 5 years in India.
  - List an instance of a university teacher in Mumbai using their decision-making skills in a critical way in 2019 / 2022/1920 etc.



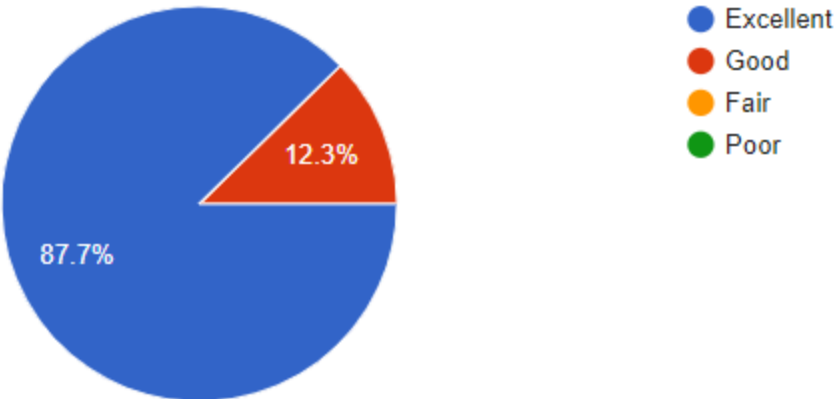




**Overall Feedback:**

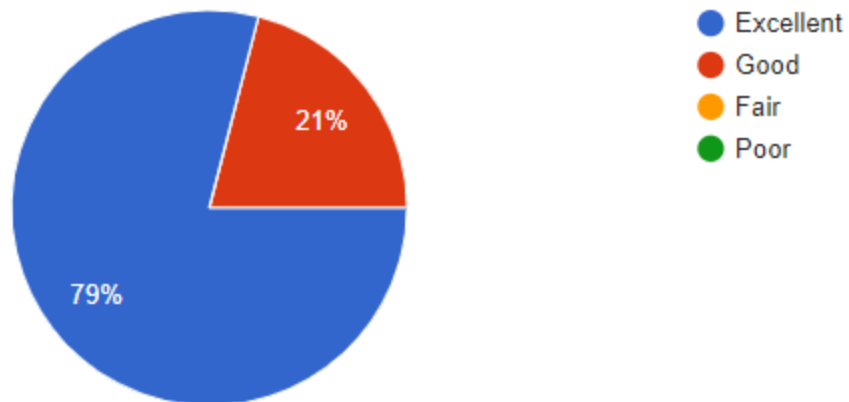
Were the topics covered in the STTP relevant to your professional needs or academic interests?

81 responses



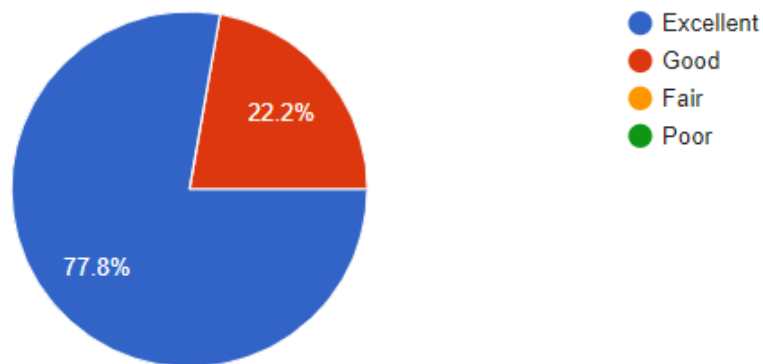
## How would you rate the quality of the content presented during the sessions?

81 responses



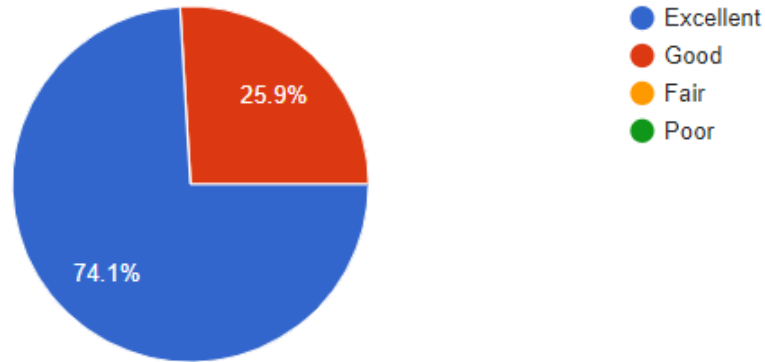
## How effective were the resource persons in delivering the content and engaging participants?

81 responses



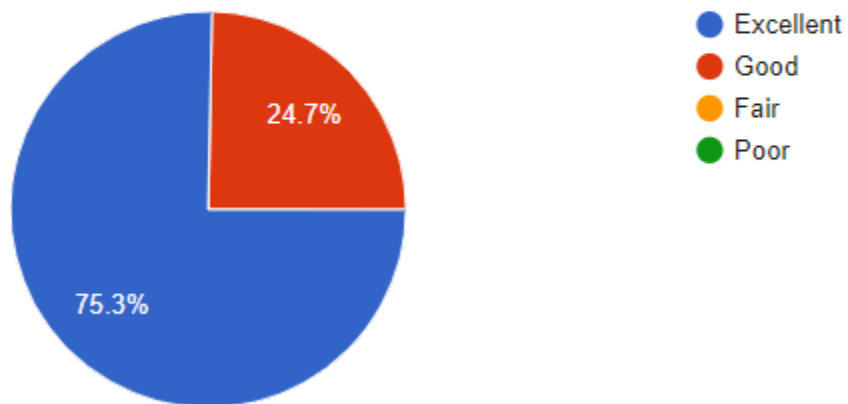
Were the sessions well-organized in terms of schedule and materials?

81 responses



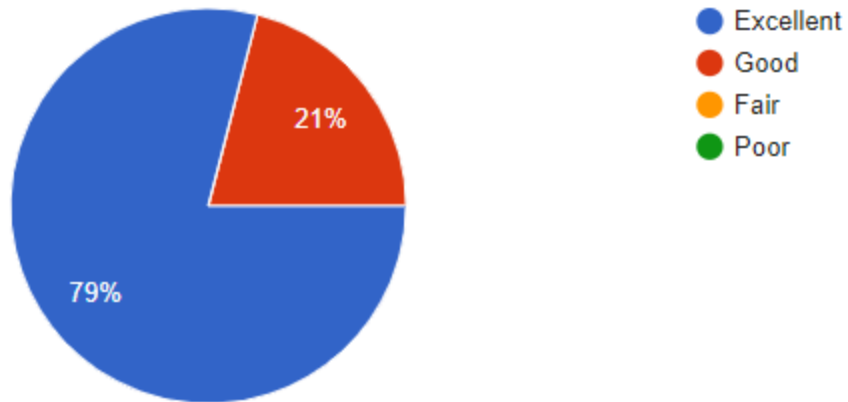
Did the STTP include enough interactive components such as discussions, case studies, or practical exercises?

81 responses



## Rate overall feedback of this STTP.

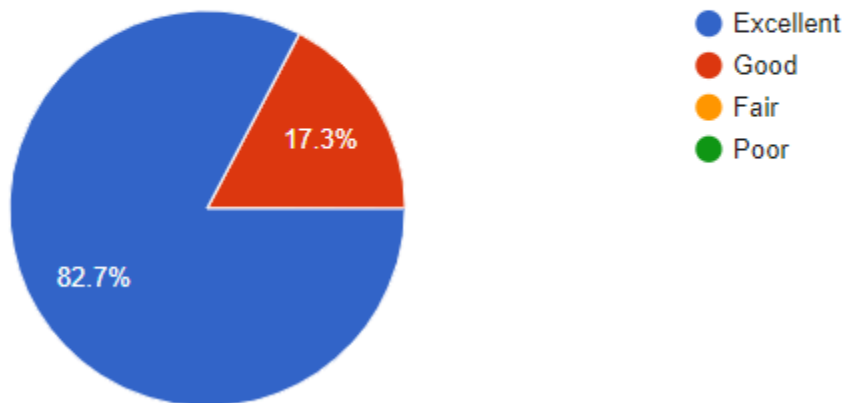
81 responses



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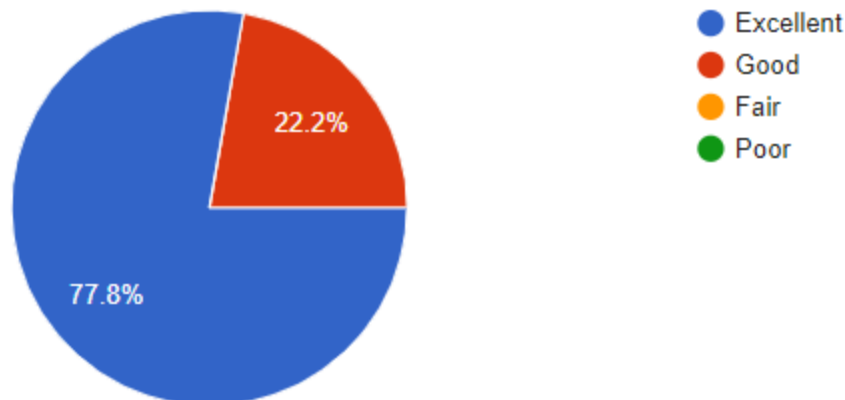
## Did the STTP coordinators fulfill their roles effectively? Give rating.

81 responses



## How well was the STTP planned and executed from a coordinator's perspective?

81 responses



Timestamp	Email Address	Name of Participant	What specific knowledge or skills did you gain from participating in this STTP?	What kind of STTPs would you like to attend in future?	Overall experience and comments if any.
7/6/2024 14:51:53	lalita.m@xavier.ac.in	Lalita Moharkar	How to use AI tool for teaching learning	Research based	Excellent well planned
7/6/2024 14:52:03	sandipzade@atharvacoe.ac.in	Sandip Zade	Gamma ai	Based on AI tool	Nicely organized
7/6/2024 14:52:06	jasminemysticak@stjosephs.ac.in	JASMINE MYSTICA K	Several AI Tools user experience	Recent Technology	Good
7/6/2024 14:52:06	aschaurasia28@gmail.com	Anupama Chaurasia	Numerous tools used for teaching learning and Research purpose	Based on techinh learning or any trending technology	Wonderful session
7/6/2024 14:52:15	vaishali.shirsath@vcet.edu.in	Vaishali Anil Shirsath	AI tools for teaching	Tools for teaching learning	Good topics for FDP
7/6/2024 14:53:16	surwasemadhu@gmail.com	Ms-Madhuri Dadaso Surwase	All the tools are very useful for research purpose, gamma.ai,medley,music eraser such amazing tool,it's very helpful	Yes	Such nice sttp,very well team coordination,amezing sessions,hats off
7/6/2024 14:53:29	leena.p@xavier.ac.in	Leena Patil	AI tools in teaching process	Same	Great
7/6/2024 14:53:56	madhuri.gaikwad@aiktc.ac.in	DR. Madhuri Gaikwad	Various AI tools	This kind of multidisciplinary STTP which can be	Very nice content selection. Feeling worth to attend

				attended by any disciplinary and useful for academics	
7/6/2024 14:55:02	nitin.a@xavier.ac.in	Nitin Ahire	AI tools	Yes	Very good
7/6/2024 14:55:33	kirti.rathi@rait.ac.in	KIRTI RATHI	Application of AI in teaching and research	Specifically dedicated to research and Latex	It was wonderful experience to learn so many things under one platform .
7/6/2024 14:55:35	naganna.chetty@nitte.edu.in	Dr. Naganna Chetty	Using AI tools appropriately	Similar	It's very good
7/6/2024 14:55:50	shilpasewak@gmail.com	Dr Shilpa Sewak	I came to know about so many new AI tools which I can use for teaching as well as research paper writing. I was already using some of the tools like zotero, quillbot and canva but there were so many more to learn like Gamma, question paper.ai, connected papers, research rabbit, elicit, Gemini. My biggest gain was that I was introduced to LaTeX. I wanted to try it earlier but it seemed complicated. Now I am keen on trying it again. Thank you for enriching me with knowledge.	Similar kinds. More hand on experience. A detailed workshop on LaTeX and Mendely.	Excellent job done by the coordinators. There was no slot left empty. We had continuous sessions following assignments.
7/6/2024 14:56:15	payal.av@somaiya.edu	Dr Payal Varangaonkar	AI tools for ppt, research	Data science	Very Informative
7/6/2024 14:57:15	mrunalingle@gmail.com	Mrunalini Pimpale	Avidnote	Yes	Excellent
7/6/2024 14:57:38	prajaktapawar@atharvacoe.ac.in	Prajakta Mandar Vichare	..	..	..
7/6/2024 14:58:07	sainath.patil@vcet.edu.in	Sainath Tukaram Patil	Gamma tool	AIML	Excellent
7/6/2024 14:58:35	zeba.a@xavier.ac.in	Ansari Zebatasnim	Learned about using different AI tools.	Similar to above	Excellent
7/6/2024 15:00:00	shailaja.u@xavier.ac.in	Shailaja Udtewar	Various tools for research	Digital forensics	Good
7/6/2024 15:00:09	gskumbhar2@gmail.com	KUMBHAR GAJANAN SHANKAR	AI in teaching & research	Like this sttp	Excellent
7/6/2024	bharati.gondhalekar@vcet.edu.in	Bharati	Gamma ai	Regarding	Good



15:00:26		Gondhalekar		latest technologies	
7/6/2024 15:01:15	chintan.jethva@ves.ac.in	Chintan Jethva	Knowledge about many AI tools which are required now a days.	online and same kind of	Very good
7/6/2024 15:01:58	devika.roy@kccemsr.edu.in	Roy Devika Rani	Ai tools for teaching learning quilt bot gamma pixeltry	Innovative teaching learning methodology	Very good
7/6/2024 15:03:32	srpawar@mitaoe.ac.in	Pawar Savita Ramchandra	AI tools for Research, teaching	Research and AI ML	Thank you for organizing very nice and informative sessions.
7/6/2024 15:06:16	josephmartin74@gmail.com	Martin leo manickam J	AI tools like sci space	Ai applications	Good
7/6/2024 15:06:59	yogitanarule@gmail.com	Yogita Sachin Narule	Really nice tools	Machine learning tools	All Nice sessions in STTP
7/6/2024 15:07:39	ashish.vanmali@vcet.edu.in	Ashish Vanmali	Using AI in teaching learning	New Technologies	Very well managed STTP
7/6/2024 15:07:49	madhavi.waghmare@vcet.edu.in	Dr. Madhavi Waghmare	All AI tools knowledge gain	AI related , How to build AI application	Good
7/6/2024 15:08:46	snehal.mhatre@vcet.edu.in	Ms. Mhatre Snehal Rajendra	How to make pts using the AI tools	More extension on how we can inculcate data	NA
7/6/2024 15:10:17	anagha.patil@vcet.edu.in	Mrs. Anagha Jayesh Patil	This STTP gave insights of various AI tools which can be used for presentations, research and education.	Yes	Excellent sessions
7/6/2024 15:11:42	archana.ekbote@vcet.edu.in	Dr. Archana Ekbote	Various AI tools related to PPTs, Research paper writing, teaching learning tools, etc	Yes I would like to do AI related course	Very good
7/6/2024 15:12:55	ajinkya.valanjoo@ves.ac.in	Ajinkya Anandgopal Valanjoo	Ability to integrate AI tools into various applications	Gen AI	Good
7/6/2024 15:14:19	suvi.bhargande@gmail.com	Bhargande Suvarna Kisanrao	All AI tools for research	Informative	No comments
7/6/2024 15:18:11	tejal.d@xavier.ac.in	Tejal Deshpande	AI tools like Avidnote, elicit, mendeley	More STTPS ON AI tools n algorithms	Very useful sessions for budding researchers
7/6/2024 15:23:12	ushachavali@gmail.com	Usha Divakarla	Various ai tools	Latex	Good
7/6/2024 15:24:39	pranita.potey@ltce.in	Dr pranita potey	AI Tools	Similar	Good

7/6/2024 15:29:45	rohini.jadhav@slrtce.in	Rohini Rathod	Different AI tools	Like this only	All sessions were good
7/6/2024 15:29:47	pranotinage@atharvacoe.ac.in	Pranoti Nage	most effective AI tools can be used during research and teaching	Machine learning	Excellent and informative STTP
7/6/2024 15:32:55	dr.manjulagururajh@gmail.com	Dr. MANJULA GURURAJ RAO	How to use AI tools in research and teaching	Deep Learning and LLM	Over all good,
7/6/2024 15:39:29	vstapkir@mitaoe.ac.in	Vinaya S Tapkir	Effective learning tools	Research	Very good
7/6/2024 15:39:51	tdhake@somaiya.edu	Tilottama Dhake	How to use AI Tools , what are AI tools available to make teaching learning process more interactive and interesting	Similar kind of with more practical sessions	It was well organised and executed seamlessly sttp. Our learning interest is high all the time from first day to last day and from morning to evening. Special Thanks to organising team and extc department Thank you for such a wonderful training program
7/6/2024 15:41:37	meena.u@xavier.ac.in	Meena Ugale	How to use -AI Tools for Enhancing Teaching, Learning, and Research	-	Excellent organisation of STTP
7/6/2024 15:41:45	sarita.ambadekar@somaiya.edu	Dr.Sarita Ambadekar	AI Tools	Deep Learning	Good
7/6/2024 15:42:06	ms.alkat.spbc@gmail.com	Alka Tyagi	Gemini	Drug design	Good
7/6/2024 15:46:50	ajayshree.kinhekar@gmail.com	Mrs. Ajayshree N. Kinhekar	Application of AI in Research work, curriculum design, in whole yeachin learning process	Same but indistry oriented	Excellent program
7/6/2024 15:47:25	cbhole@somaiya.edu	Prof.Chitra Bhole	AI tools	Yes	Very Goid
7/6/2024 15:48:21	msilsa.spbc@gmail.com	Momin Ilsa Mushtaque Ahmed	AI is fabulous	Other involving technology	Good
7/6/2024 15:49:24	archanadeshmukh2002@gmail.com	Archana Chaudhari	Knowledge about the new AI tools for research	AI in healthcare	Very well organised
7/6/2024 15:55:33	charushilapawar@atharvacoe.ac.in	Charushila Pawar	Teaching with AI	New learning with AI	It was wonderful and helpful session
7/6/2024 15:58:51	anitasjadhav@gmail.com	Anita Sameer Jadhav	Lot many AI tools !	Anything related to	Excellent

				teaching -learning, research, bio-medical signal porcessing	
7/6/2024 16:03:25	ksagashe@vpmthane.org	Dr.Kirti Agashe	Many AI tools	yes	Very good and satisfying experience
7/6/2024 16:04:22	oniza786786@gmail.com	ONIZA RIDWAN SHAIKH	AI concept	AI tools	Very good
7/6/2024 16:08:03	sonalextc24@gmail.com	Sonal Patil	Use of AI tools in preparing Report	Use of AI tools in Research work	Very informative session
7/6/2024 16:12:14	frfabiansj@xavier.ac.in	Fabian Barreto	Learned new AI Tools	Quantum AI, Automating Tasks with AI Technologies	Excellent
7/6/2024 16:18:58	jyotigurav@atharvacoe.ac.in	Jyoti Jeetendra Gurav	We learn the AI tools. Sttp was very effective	AI related and application of AI	The sttp is excellent. All sessions were very informative
7/6/2024 16:29:19	madhura.zagade@famt.ac.in	Madhura Kaustubh Zagade	Paper writing tools	Cloud computing applications	Very practical oriented sessions
7/6/2024 16:40:20	viharss@gmail.com	SHINDE VIHAR SHIVAJI	<a href="https://gamma.ai">gamma.ai</a>	Latex	Good
7/6/2024 16:50:04	sanjiv.b@xaviertech.ac.in	BORKAR SANJIV RAMDAS	Writing Research paper by AI	LaText	No
7/6/2024 16:53:18	shobhit.khandare@ves.ac.in	Dr. Shobhit K. Khandare	Different AI tools	Machine learning with AI application	Excellent
7/6/2024 17:42:01	savita.bhosale@rait.ac.in	Dr. Savita R. Bhosale	Various tools explored which are useful for research & teaching	Data Science	Very well organized & conducted STTP. Topics covered was extremely important & informative.
7/6/2024 17:42:50	saptarshi.j.j.1091@gmail.com	July Tarade	Research paper writing skills	Related to AI, ML, generative AI	All the sessions were informative
7/6/2024 17:52:40	dhanashreepannase@atharvacoe.ac.in	Dhanashree Pannase	Gain knowledge of all the new AItools	Yes it is very good infomative	Very good and timing is perfect in the morning and afternoon.
7/6/2024 18:50:36	manepallavi248@gmail.com	Pallavi Anand Mane	RESEARCH TOOLS	On research	No
7/6/2024	charmichaniyara@atharvacoe.ac.in	Charmi	AI tools	NA	NA

20:39:38		Chaniyara			
7/6/2024 20:47:38	rajeshwarim@bit-bangalore.edu.in	Dr M Rajeswari	Various AI tools	Scopus Publications	Very good
7/6/2024 20:49:46	kajalandhale12@gmail.com	Kajal Andhale	All points	Research	The all sessions are good
7/6/2024 20:52:56	amitnimbekar0@gmail.com	Amit Nimbekar	Related to co po mapping	Same as AI	It was fantastic session
7/6/2024 21:15:25	202103028.riyakpp@student.xavier.ac.in	Riya Kamble (Allyn Girls)	Different AI tools which previously I was unaware of.	Course focusing on data analysis, predictive modeling, and machine learning algorithms to extract insights from data for real-world applications.	Very nice. It was indeed a great opportunity to learn from experienced speakers who shared their expertise in AI tools.
7/6/2024 21:17:04	himanshi.jiwatramani@ves.ac.in	Himanshi Jiwatramani	We learn to used various AI tools used in research and for teaching	More on how to write research paper	It was good
7/6/2024 22:27:47	jyotidange@atharvacoe.ac.in	Dr.Jyoti Dange	AI tools	AI tools	Excellent
7/6/2024 22:36:19	kusum.kardam@ves.ac.in	Kusum Kardam	we have gained knowledge about AI tools and Purpose of chatgtp	relating to AI and reseach based	All session was very nice and helps in gained knowledge
7/6/2024 23:13:10	202101014.ericardd@student.xavier.ac.in	Erica D'Cruz (Allyn Girls)	AI tools in education	.	-
7/6/2024 23:15:23	202204048.priyankarpm@student.xavier.ac.in	Priyanka Reddy (ALLYN GIRL)	What all was thaught	Something more interesting	Session was amazing
7/6/2024 23:17:08	imgadhikar@gmail.com	Mrs. GADHIKAR LAKSHMI	AI Tools	Pedagogy	Excellent
7/7/2024 7:59:31	ruchichauhan@atharvacoe.ac.in	Ruchi Chauhan	Use for different AI tools	AI on domain specific	Very nice learning experience
7/7/2024 20:03:57	202103037.shrutipmj@student.xavier.ac.in	Shruti Parade	AI tools	-	Overall course was good.
7/7/2024 21:57:40	ulhaskumargokhale@atharvacoe.ac.in	Dr Ulhaskumar Gokhale	AI tools , Report Writing in LaTeX, AI Ethics	Responsible AI, AI accelerators	Excellent
7/7/2024 23:50:56	huzaifa.spbc96@gmail.com	Huzaifa Ansari	Learned immense knowledge of paper writing and teaching plans by using AI.	Artificial Intelligence related to project work.	No such comments. STTPs was amazing.
7/8/2024 8:56:00	madhumitha.r14@gmail.com	MADHUMITHA R	AI Tools	Basic ML and DL	Good informative
7/8/2024	vgaikwad1906@gmail.com	Varsha Ratan	How to handle online	Report, poster	NA

9:46:28		Gaikwad	platforms for knowledge	and flyer making in more efficient way	
7/8/2024 12:38:40	shilpa.d@xavier.ac.in	Ms. Shilpa Dingankar	Different AI tools for teachers	extended concepts	Good
7/9/2024 14:10:07	balavenkatbe@gmail.com	Dr.B.Venkatesan	How to use AI tools efficiently for teaching	ML	Good







**XAVIER INSTITUTE OF ENGINEERING**  
**DEPARTMENT OF EXTC**  
 IN COLLABORATION WITH XIE TIC MEDIA CELL AND  
 INNOVATION CELL

ISTE APPROVED  
 SHORT TERM TRAINING PROGRAM  
 ON

# EFFECTIVE AI TOOLS

**FOR ENHANCING TEACHING,  
 LEARNING, AND RESEARCH**

**TOPICS TO BE COVERED:**

- ✦ Introduction to AI tools for education
- ✦ Implementing AI tools for personalized learning
- ✦ Enhancing research with AI technologies
- ✦ Ethical considerations in AI tools for education
- ✦ Paper writing using AI tools
- ✦ Innovative teaching techniques

