

Faculty Development Programme (FDP)
Introduction to AI for Educators
December 27, 2022-January 12, 2023

First FDP was organized on Introduction of AI for Educators, from December 27, 2022-January 12, 2023. Forty-Seven participants got registered for the program from Chandigarh, Himachal Pradesh, Punjab, and Maharashtra. All the participants were teachers from different disciplines such as Physiotherapy, Education, Special Education, Economics, English, Commerce, Management, Engineering, and Sociology.

Virtual Inaugural Session was held on Dec.27, 2022 at 4.30 pm .Dignitaries who attended the Inaugural Session were Dr Pankaj Mittal, Secretary General, Association of Indian Universities (AIU), Dr. Amarendra Pani, Joint Director and Head, Research Division, AIU, Mr. Ashish Khosla, Head of Yogananda School of AI and Computer Science and Chief innovation officer, Shoolini University, Dr. Ashoo Khosla, Chief Learning Officer, Shoolini University and Resource Persons for various sessions, Deans and Senior faculty of Shoolini University and Forty seven participants from various institutions.

Dr Ashoo Khosla highlighted the importance of lifelong learning and optimum use of technology in education. She started with the quote of Albert Einstein, " Intellectual growth should commence at birth and cease only at death" In this program our main focus will be on technology and use of technology to improve the efficiency of educators and administrators.

Dr. Pankaj Mittal appreciated the efforts done by Shoolini University to use technology in various aspects of functioning of university. To make optimum use of technology in Teaching Learning, Research, Collaborations, Continuous and Comprehensive Assessment and Evaluation, as emphasized in NEP 20, our educators should be trained to use technology. AIU has taken the initiative to assist in this area by giving Academic and Administrative Development Centers to ten Universities and each center will organize ten courses for faculty, administrators, and librarians in various areas. Dr. Mittal made it clear that prime motive of these courses is learning and not certifications.

Dr. Amarendra Pani also emphasized the need of technology in Education and this can be possible only by giving training to teachers for the use of technology. Mr. Ashish Khosla apprised the audience regarding the various topics to be covered in this course by emphasizing the fast-changing world due to technology. We have to improve teaching learning process by effectively using the power of AI in Education. Educators will be exposed to twenty different tools and use of these tools in the project. This will help all of you to be the Ambassadors of these tools in your institutions.

This was very informative and interactive session. Mr. Ashish khosla emphasized the importance of this session, by saying that it will lay the foundation of the course. Everyone needs to know about AI.

Overview of this session was

- Understanding what is AI?
- Open your mind to spot ideas for applying AI problems in and around you.
- Help you understand the impact of AI on the world around us.
- Understand the myths around us.

Concept of General purpose –AI and Special purpose AI were explained. Topic was explained with the help of examples and videos. Chat.openai.com was introduced with the help of examples. Since the participants were mainly from non-engineering background, concepts were introduced with the help of examples and videos in a very simplified way. Dr. Pankaj Vaidya discussed under following heads

- Dictate your document in word with AI
- Bring out your best writer with Microsoft AI based Editor
- AI based Video Record for presentation with power Point

Dr. Amar raj Singh has created e-content for online courses, so he shared his experience of content creation and emphasized for learning you should try on lots of things. The limit of software is as good as your limit to be creative. While discussing AI tools for Video Creation, Dr. Amar Raj Singh has discussed Hardware and Software required for Video Creation. He has discussed various steps in Video Production Process such as Idea, Script, Story Board, shooting the video, Animation, Voice Over/ Music Effects, Final editing, and delivery. He also demonstrated how to create a video from content.

Dr. Gaurav Gupta discussed open source as well as paid versions of AI tools for research. Research tools in different categories like the writing tools, resource tools, the summarization tools were discussed and hands-on practice on Endnote, Research Rabbit, paper digest and Quillbot were very nicely demonstrated with the help of examples. Jasper, Trinka, Hemingway Editor Writing Software for researchers were introduced. Paraphrasing Software such as Quillbot, Word tune, Spin bot, and Grammarly were discussed.

Organization tools such as Scrivener, Authorea and Reedsy were also discussed. Research lab is a Review Literature Tool which was demonstrated Dr. Amar Raj Singh has demonstrated the use of Quillbot which is used for Grammar checking and paraphrasing.

In this session inhouse developed platform Siqandar AI was introduced to the participants and access was given to the participants for practice. Mr. Ashish Khosla explained the importance of effective communication in our lives and also use of AI in training effective communication. He explained 3 V's Theory by Albert Mehrabian on which Siqandar is based. Ms Swati Solomon explained the use and benefits of Siqandar AI-A fundamental Shift in Training and Coaching. She demonstrated how to use this app and interpretation of score card by accessing through participant account. Mr. Devender Thakur demonstrated by accessing through Admin account. Free access to this app for one class of ten students to practice, was also given to all participants. Mr. Shailesh Lamba who was already using this app recommended to use this tool to all participants as he found it very useful tool in improving communication. Dr. Charanjit Singh who is teaching communication in School of Journalism also recommended to use this tool in School of Journalism. Dr. Devesh Kumar who have used this tool in Management School apprised the participants that this tool is very valid to assign scores in communication skills.

Mr. Sachin Sharma took a very interesting and informative Session on Generative Art which is about the future of technology in Education, can be used by every educator and make the teaching

learning Process interesting and engaging. Mr. Sachin Sharma has demonstrated to create many images by using different apps. He discussed the topic under following heads:

- What is Generative Art?
- How generative Art is created?
- What is NFT? Use of NFT in Education.
- Use of open-source tools to create generative art, such as DALL.E, Tom. app, Deep dream generator.com

All these sessions were interactive. Questions –Answer technique was used. All the topics were explained with the help of examples. How to use the tools- was explained in every session.

Dr. Ashoo Khosla gave an assignment to the participants to see how much they have learned.