

# **EDUCATIONAL TECHNOLOGY AND ICT**

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**Week-11**

**Lecture-54**

## **Module-54: Artificial Intelligence in Education (Part-I)**

Hello dear learners, welcome to the SWAYAM-NPTEL course on Educational Technology and ICT. I am your course coordinator, Dr. Sarita Anand, from the Department of Education, Vinaya Bhavana, Visva-Bharati, Santiniketan, West Bengal, India. Today, we will talk about Module 54 on artificial intelligence in education, Part 1. I have divided this topic into two parts because we cannot complete it in just one lecture. This is Lecture 54, and before going into the topic, we will review the concepts covered.

Earlier, we completed the Learning Management System. The key features of the LMS, general functions of the LMS, principles of the LMS, types of LMS, and we also visited my Google Classroom. I generated one Google Classroom for you all, and I hope you have joined. I will check how many of you have joined.

Now, we will talk about artificial intelligence, the concept of artificial intelligence. You can see that the picture is also generated with the help of AI, and a reference is given on Meta AI, stating that it was generated through Meta. So, whenever we generate something, we can give it a name; otherwise, Meta provides its watermarking. Whenever we generate, they provide their watermark. So, what are the basics of artificial intelligence?

Artificial intelligence-you all are using it, you all know that it is a set of technologies that enable computers to perform a variety of advanced functions, including the ability to see, understand and translate spoken and written languages, analyze data, make recommendations, and perform many more tasks. AI is the backbone of innovation in modern computing, unlocking value for individuals and businesses. For example, Optical Character Recognition (OCR) uses AI to extract text and data from images and documents,

converting the content into business-ready structured data and unlocking variables in the given data.

So, these Artificial Intelligences are actually machine made and based on the computer analytics. So, we will see the concept of AI, basic concepts of AI like Artificial Intelligence is a field of science concerned with the building computers and the machines that can reason, learn and act in such a way that would normally require human intelligence or that Involved data whole scale exceeds what human can analyze. If you are using the AI, you can understand that how they can reason well and they can perform.

On an operational level for business use, AI is a set of technologies that are based primarily on the machine learning and deep learning used for data analytics predictions and forecasting, object recognitions, natural languages processing and recommendation and intelligent data retrieval and many more. So, AI is a broad field that has many different disciplines including computer science, data analytics and statistics, hardware, software engineering, linguistics, neuroscience and even philosophy, psychology and education.

We the people from education always connect each and every concept with the education and here also we are today we talk about the artificial intelligence in education. We are not the technical person; we are not the people from IIT that's why our focus is how artificial intelligence can be utilized for education purpose. So, artificial intelligence is revolutionizing the various industries and education is no exception.

We all know and AI in education evolves the use of machine learning, natural language processing, NLP, data analytics and automation to enhance the teaching, learning and administration. These days we are preparing the PPTs in a quick minute. So, that is the role of artificial intelligence by offering personalized learning experiences, intelligent tutoring system and automated assessments, AI has the potential to bridge the learning gaps and improve the accessibility and enhance the efficiency in educational setting. So, what is the concept of AI in education? Basic AI we all know, but AI in education in

It refers to the use of smart technologies that can analyze the student performance, predict learning needs, and automate the administrative tasks and AI-powered tools can provide these facilities like it provides the adaptive learning experiences, automate the grading and assessment, offer virtual and tutors chatbots, and enhance the learning analytics and insights and also support the special education because this is the need of the day for the every kind of learners.

Now, we will go for the different renowned definitions of the AI in education because our focus is on AI in education. So, according to Luckin et.al. (2016) they have given the definition of AI in education. It refers to the use of machine learning, algorithm, data analytics and automation to support and enhance the teaching and learning experiences. It enables personalized learning pathways, intelligent tutoring and data driven decision making to improve the student outcome. Selwyn (2019) also described the AI that AI in education refers to the application of computational intelligence to analyze the learning patterns, automate the content delivery and optimize the educational experiences for both students and educators. Here the definition of Selwyn, I like the last few words that

it is for the optimizing educational experiences for both students and educators and this is the actual goal of the AI in education. Woolf in 2020 defined that artificial intelligence in education is evolved the development of systems that stimulate the human intelligence to automate administrative tasks, providing adaptive learning experiences and support teachers in delivering more effective instruction. So, this artificial intelligence is giving help to the teachers or the trainers to improve their teaching. UNESCO also has defined the AI in education (2021) and says that the range of digital tools and algorithm designed to enhance the educational processes by providing intelligent recommendations, automatic assessments and enabling personalized and inclusive learning experiences. They are talking about the automation of the learning and assessment.

Holmes et al. (2022) Also defined artificial intelligence in education as the integration of smart technologies into teaching. Also, I agree with this definition that smart technologies are used in the teaching and learning environment to facilitate automated tutoring, predictive analytics, and enhance accessibility for diverse learners. I have mentioned these definitions to explain the term AI in education because before talking about the different apps and websites related to teaching and learning, we should understand what we want to say or know about AI in education. Now, the applications of AI in education are transforming the education we all know.

There are different types of applications of AI in education. The first one is the intelligent tutoring system. AI-powered tutors provide real-time feedback and personalized learning pathways. For example, Kearney's learning cognitive tutor adapts to the student's problem-solving skills. I have shared this information in a previous lecture and also mentioned the screenshot of this tutor and other platforms are also providing the learning tutors like if you go to DIKSHA, they will also provide an assistant or tutor for the given content. Personalized learning is another application of AI in education. It analyzes student

performance to adjust lesson difficulty and learning resources. For example, if you use DreamBox or Knewton for personalized math and science learning, they adapt to student responses and accordingly provide not only the content but also the assessment questions.

The third one is automated assessment and feedback. AI automates the grading of multiple-choice tests, essays, and assignments. For example, Gradescope uses AI for automated grading in higher education. I know many of the apps, maybe you are not aware of them or not using them, so I request you all, whatever names I mention here, to at least open and explore what kind of apps these are. It is not possible that whatever I mention, I have to train you about these things because technology is such that if you explore the applications, software, or websites, you will be able to learn them. You just have to explore them.

Now, the next one is chatbots and virtual assistants. These days, even in daily life, we see that on shopping websites, you will find virtual assistants. In education, chatbots assist students by answering questions, scheduling lessons, and guiding research. For example, IBM Watson Tutor helps students with subject-specific learning. The next one is learning analytics and early intervention.

AI detects the at-risk students and suggests personalized interventions. For example, Coursera's AI analytics tracks the student's progress and engagement, and it tells you if you are lagging behind, to keep watching the video, give the assignment, submit the assignment this is how AI works. The next one is special education and accessibility. AI provides speech recognition, text-to-speech, and visual assistance for disabled students.

For example, Microsoft Immersive Reader helps students with dyslexia, not only the dyslexia but Text to speech is also now this is worldwide every good website, educational websites are having text to speech version. The special students, the partially VI, visually impaired students can be benefited with this kind of speech recognition or text to speech facilities available with the help of AI. Then next one is AI in Administrative Tasks. These days AI assist to student's enrollment, attendance tracking and data management.

For example, AI powered admission chatbots handle the student's entries their queries efficiently. Now the example of AI tools for teaching in the classroom. I have prepared few list of the names for that you can use for the education purpose, teaching and learning purpose AI power tools are being utilized for the teaching assessment and engaging the students and this is the list i had started with the giving the link but found that if every time i will provide the link you will not search it so i left it for you that sometime you will handle it like Google classroom or Moodle.

Moodle is having AI plugin and when I have started the Google classroom, you have seen that there was AI chatbot and it started talking, but I had closed. If you will watch it carefully in your previous lecture. Then the Canvas LMS, the Canvas is also providing the AI assistant for the adaptive learning and grading system. I have just given the Canvas because Moodle and Google classroom is very prominently being utilized by the teacher fraternity. Then the ITS, your intelligent tutoring system.

Kearney's name, Math IA, already I had mentioned. I have given the link. And Squirrel AI. Squirrel AI is also for the adaptive learning. and it is providing the help to the student for the instruction and it is for the school students also and i have requesting you all to please go through the website and also there are the AI for the content creation and lesson planning like Canva for education this is an AI powered designed suggestions for teaching material they are providing for the lesson plan variety of facility providing the Canva if you are using Canva you will be able to prepare anything related with your teaching learning process then comes the Quizlet, Quizlet is for the quizzes and the flash card at Edmodo I have mentioned the name maybe some names are Overlapping, the AI-powered classroom collaboration and content sharing platform, Edmodo, we take it as LMS also. Curipod, AI assistant, relational activity planning for the teachers. The fourth category is AI chatbots and virtual assistants.

There are so many virtual assistants, but I am talking about the virtual assistant for the educational purposes ChatGPT open AI is helping you all a lot I know you all are using and IBM Watson Tutor I have mentioned already and Socratic by Google, this Socratic is being utilized for the solving the homework and the different educational problems and quizzes the Socratic was utilized as a assessment program then comes the Fifth one AI for automated grading and assessment system. If you are interested for automated grading and assessment system with the help of AI, there is Gradescope, ZipGrade and Turnitin. Turnitin is not only providing the plagiarism checker but it also checks the grammar. The sixth one is AI for language learning and writing assistance.

The most prominent name for the grammar and writing assistant is Duolingo and Grammarly and this is AI power language learning and Grammarly is not only for the language but also grammar and writing assistant and QuillBot is these days utilized by the most of the researchers. They are using the paraphrasing and summarization with the help of QuillBot. Those are the researchers who are using or not using, they can use and they can try that how QuillBot is working. Then the AI for the student's engagement and gamification.

There are many apps, but time and again I am taking the name of Kahoot! also the Nearpod and Classcraft, they are preparing the interactive quizzes and lessons, virtual field trips and gamified classroom management are possible with the help of these apps. Then comes the AI for special education or accessibility. I have mentioned the Microsoft Immersive Reader. Speechify is very famous these days. Our students are also using.

This is text to speech for auditory learning and Otter.ai. Otter.ai is also giving the transcription tool for the students with hearing impairment and tactic is also there i have maybe somewhere I have mentioned then the AI for classroom management and behavior analysis, if you are a teacher you are interested to go for the watching about the classroom management and student monitoring then GoGuardian is there, then LanSchool and ClassDojo is there for the behavior tracking and classroom management and classroom monitoring system Then comes the AI for STEM. and coding education you can use the Scratch these days I have seen that this Scratch is becoming the part of school education and computer books of class 4 and 5 I have seen in my kids' books that Scratch is being used with the AI extension and the many informations are given QR codes and students can utilize with the help of mobile and tablet.

Then Tynker is also available for coding platform and AI4K12, this is for the school education and a school curriculum and school level students can be benefited. So, now we will talk about the advantages of AI in education. I have bifurcated in three parts for the teachers, students and the institutions. Initially, I will talk about the teachers or the educators because with the help of AI, it is benefiting the teachers to save the time because lots of time we spend for the content creation and it helps for the automation and it provides the insights into the student performance also whenever we are giving the assignments to the students, how they are performing how they have done we can see with the help of AI also and if they are using the AI generated content for their assignment, we are very much able to trace it out then the students having the bigger advantage that they are getting the self-paced learning and improved engagement with the interactive content.

These days whenever teachers are giving assignment many of the students are blindly copy pasting the content created by the AI but I will suggest whenever you are using the AI, you can use it, but you have to have the knowledge of prompt engineering and of prompting, how to give the prompt and if you are having the knowledge about that content, you have to verify it and accordingly you have to modify for your own use because these generated content are not all are the plagiarism free. So, on the screen if you are watching this graph or design to explain the advantages of AI in education, that is also or similar type of graphs

or the images which I am using that is generated with the help of AI called Napkin AI. if you are a teacher or the learner you can use it in a positive way for the content creation also i am using it like whenever i have to generate the graph or the image or any table etc., then i definitely i am using with the help of AI. So, the institutions are also having the advantages of using AI, it benefits to evolve the cost reduction and data-driven decision making for curriculum improvement, students performance, how they are attending the classes, this kind of information is taken care by the AI used apps.

Now, the several benefits are there, I have already mentioned with the help of that previous image. So, I will not go through that. Now, the challenges of AI in education. this image is also i think this is a pretty interesting this is looking like a rocket and this is the rocket of challenge actually and you can find that there are challenges there are four type of basic challenges that high implementation cost if you are using the AI and proper AI then resource allocation and financial investment are required proper app is required and ethical and data privacy issues are there, if you are collecting using the AI definitely they are collecting the confidential information from the students from the teachers and there may be security risks, so this is the challenge for the institutions. Also, then come the biases in AI algorithms. This bias may be coming from the different datasets available to the AI. It impacts opportunities, and buyer recommendations may lead teachers, administrators, or students in the wrong direction and the fourth one is the lack of human interaction. This is the biggest challenge of AI in education because the creativity gap exists. Students are now becoming dependent. Higher-order thinking levels are decreasing.

They are not trying to understand that. They have to learn how to utilize AI for their benefit, and because of machine learning, the emotional intelligence deficit exists. Daily users of AI are feeling that challenge. Then comes the practical session on this topic: the use of artificial intelligence in education. I will take you to two or three websites to learn how to manage AI and use AI in education.

I have mentioned here the PPT that is available on SlideShare about Google Gemini. You can go through it, and when I talk about generative AI, I will show you how to use Gemini. But right now, I will focus on Canva and Quizzes, maybe some PPT-generation AI tools also. So, first, I will start with Canva, and then I will go for the assessment tab, which is Quizzes. So, I will try to open it up.

Okay, dear learners, this is the page of Canva and I have signed in with my personal ID to show you that how it works. So, this is the main page of Canva. If you are a learner or the

teacher you will find that there is provision of many activities like if you are interested to use the youtube thumbnail, youtube banner, if you want to create the doc file, if you want to create the whiteboard presentation or even PPT presentation, social media related content, video presentation, printable, this list is enormous. So, I will start with the thumbnails.

Suppose if you are preparing the YouTube video, then definitely you will be needed with the thumbnail and if you want to prepare the thumbnail I think I have some previous upload or designs to show you uploads yes you can see for my youtube channel also I'm using the Canva and my daughter is also having her youtube channel she dances, so we are utilizing this Canva for the preparing the thumbnail, now we will go for the different features like design if you want to select for the thumbnail any one which one is the free you can select and you can overwrite on it, like if any thumbnail you have selected I will take the simpler one so there is the option to write it the ready-made thumbnail is there design is there and just you have to select the design and you have to write it suppose I am preparing it for you then I am writing SWAYAM right and rest of the information which is not required I will delete it.

So, yes. So, if I will go through this ok. Now, it will be deleted, why not deleting So, we will check it. So, if you are having the habit of using it, you can move aside and you can handle.

Okay, that was another space. That's why this was not deleting and now I have deleted. And if this is not in size, now you have changed it. So, similarly, what information you want to keep there, you can do that and you can edit it, you can write it, you can delete it, you can copy it. These options are there and this is the best place where you can put your images like you have seen in previous design of mine that the I upload the pictures of mine or my daughter's picture and paste it here.

There is the option for the designing like you can design with the text you can draw also and this is the drawing lines and you can draw you can use the color and you can design here like you can insert the box you can color it you can fill it whatever designing you wanted you can like this, if you want to handmade designs you can do it or otherwise you can remove it so I will remove it then comes the uploads you can just simply you go to the upload and you can upload the picture and you can add it suppose i have uploaded this picture and just enter and you will find that I have inserted myself here.

So, these designs are ready made and you can do according to your need now again we will go for the your, home page, now you can see that there are large number of templates here you can see that this is the design of my youtube channel I have used earlier and this is the simpler way just I have kept my name and my photo for recognition to my students now if you want to design for the other things so you can go for the option here you can see that this list is large I have just shown you one sample, like you can see this the popular is about the resume and the poster then comes the common layout sizes what kind of size you want, you want a poster, worksheet, card, certificate and you can go through it to design this and ready-made templates are there for every task you will find there is ready-made template and you can design by your own interest by hand or by using the word typing.

So, what I think; I should as a teacher I should go for the presentation. Here is the presentation you can see they are ready made. Presentation templates for the 16 by 9, this is the common template we use for our PowerPoint presentation. This is the size and if you are instructed for the mobile presentation or some other size presentation, then you can choose here. This is the normal size, I will go for the normal presentation templates and you can see.

These are the option you just have to check that what is your preference what kind of design you want so i will also go for the simpler design to demonstrate you like I will use thesis difference okay if the 10 sides are there; I can choose that Okay, this is the design and now if you want to write you can give the title, you can buy your name and these are the already designed and you can only you have to insert your content and I will show you some other websites or the apps where you can generate readymade presentation like if you want to edit this template you can edit it from here you want to delete it you can delete you want to change the color or design then you can change it but I will prefer not to change because I clicked very bright color.

So this is, if you want to change the position or animation effect you want then you can go for the animation effect like we do in the your Microsoft PowerPoint so the here is also option and time setting you can do and you can go for the presentation also like if you will click you will go for the presentation so I am not going to present because I have to demonstrate you other apps also so i will suggest you that please you go through this facility and whiteboard.

Now I will show you the whiteboard this is the very good facility for our education purpose like there is design strategic plan diagram workflow and just you have to choose the design

and you go for that like there are many designs are available like mind maps are available and you can use those mind map according to your need, we need not to draw it they are already available we can edit it, we can group it, ungroup it and accordingly we can use it.

Now I will show you, only I will show you that is required for your use now printables you can see that when we are going to organize the seminar banner poster, one second I will show you that these days we are preparing the banners and posters and invitation letters with the help of Canva if you are going through the Canva you need not to go for any other site definitely everything is not free here they ask for the money also but i always use the free version So, poster, portrait, resume, invitation, etc.

Let see the invitation. If you are preparing some seminar or workshop, they are showing the birthday and other party things. So, I will go for the printable for the academics. So, I will go for the resume. Okay, we can see the resumes.

Resumes are also very important for us. you can see there are the format of resume if you are asking, calling like this is not the free version that is why this will not provide you the use if you want to use this format you have to upgrade your plan. So, I am not going to upgrade my plan you have to see where is this not pro version is there that will be used easily. So, this is not the pro version we can use it freely. So, if you want to add the information like I want to use my name, so I will write my name, okay.

So, like this we can create our own designs, our posters. So, the simple task is that you have to explore it. If you are not going to explore you are not going to try it you will not learn. So, those who are using it very good and those who are not using I will suggest that please you go through those facilities available here in Canva.

For today, I will only stop this presentation nothing else is there for the academic purpose and you will find out like doc creation go through it i admit you can write it here also you can design it there is the option similar option of doc when you are writing and if you want to design with the help of the templates then you will see that these you know free templates are there so those facilities which are free you can use it and now, we will go for another AI based app and this is providing the AI enabled facility Canva, when you are preparing the presentation. This technology, whenever I see the term technology, I just jump on that what is that. So, this was the only one design, ok.

For now, this is ok. Now, we will go for another app that is Quizizz. Quizizz, I had opened, again, I will open. Quizizz is the app for the assessment purpose and if we are talking about the AI based.

So, definitely we should use some demonstration also that is why I am using the simplest version that that is quizizz. It will take few seconds to open and you can see that the quizizz.com is providing not only to develop the quizzes but also it is providing the solve the enter code and get a code. So, if you want to share with your students, you can share the quiz code and student will be able to solve it and you can announce them that tomorrow at 10am I will open the window of quiz and you all have to ready with your mobile and definitely, they will. You will open it for 10 minutes 20 minutes and they will solve the query and you will close the interface and the submission will be seen to your place, so these are the assessment lesson interactive video and passage section I will see that if I have anything to show you in my library, earlier I have used this but right now I am not using, I am using some other app. So, like I had prepared 3,4 question RC MOOCs, Ramanujan College MOOCs I had used. There are questions you can borrow or you can share also. There is the option like you can see here, share with the teacher, share with the team. If I want to share this quiz with my student, I can share it.

Like I can give the email or invite the collaborator or just clicking on the create, we can share it and if you want to give your students to play, there is the button live quiz. If I am demonstrating in the class, I will go live and student will give the answer and assign homework for the home and if you want to see the preview, you can go for the preview. This is a preview of earlier made question so I want to just tell you about the how it works so RCMOOCs I had prepared long back when I had done some FDP the preview as a student and timer is there means and all so join the game now and it will show you that, okay, go...

So there is question I deliberately I will only give the wrong question answer, so it will show you the prompts, this is considered as one of the most popular among the multimedia application, multimedia industrial entertainment education and okay! right over, there comes the, it is a field of application where multimedia is being used as an unconventional way of teaching, okay any answer I can give entertainment no education okay! then where is the meme? they not shown which field of multimedia application is following belongs video game entertainment I hope, okay they are showing the marks and this is the things they always show this kind of memes, it is type of multimedia where information is presented, taught the audience by a imagining a real life flows into digital environment

equivalent educational games in navigation anything we have here give okay wrong then they will show the meme my math teacher then what is this, this is one time I will wrong flash drive okay flash drive is wrong answer the tomato I took So this kind of meme they show and this is I should give the wrong answer; so they will show the meme.

If you will give the right answer, they do not show the meme. That's why I give the wrong answer and this is the asking that you want to attempt the any question you have wrong. Okay. So, you attempt a question you got wrong.

Choose wisely. They are giving the option also. So, I will choose the third one what was that okay games and simulation okay all done so this kind of the gamification is there uh how was your experience using Quizizz good nice actually awesome okay so this this kind of game you can play with your students Now we will go for the Quizizz. How to prepare the quiz?

I just demonstrated that how to prepare the quiz. Now this is the task for you that how to create. This is the beautiful function of the Quizizz like you want to create the assessment, you want to prepare the lesson plan, interactive video, you want to write the passage or flash card. Many facilities are there. I will go for the assessment.

Now, it is asking that want to generate with AI? and create from the Scratch or import worksheet questions. We are having the option that we can import it from the Scratch which already available or they are having made in their database or we can generate with the AI, I will try to generate with the AI.

There is the option that how you will want to generate, create from the scratch with AI and this three options are there upload from device we whatever rough questions that we have prepared we can upload it here or we are keeping on the drive, we can take it from the drive or if we want to text prompts then we can go for the text prompts also and if you want to import the worksheets so we can import the worksheet also from the Google Form, the spreadsheets and the paste questions and the create from the scratch this create from the scratch is many are the available like full and blank multiple choice so I will go for the selection made by the teachers. I will write education, okay and it will show you the option if the label questions are there, yes there are available questions like you can see there are available questions ready-made questions, if those questions are suitable for you, for your students you can take it out and if not, then you are free to prepare a new ICT in education for first-grade professional development.

I do not know what they have asked, but we can take ICT in education professional, university professional development someone has made. If you want to take these questions, you can borrow them. So, what are the questions which are the thermal prime mover? Okay, if that is not good for me or appropriate for me, I will leave it. Then again, I will search for questions that are suitable for me, and we can use them. If you want to add some questions, just add them, and what will happen? See, that will be added to your question paper. I will add two or three questions, then I will show you. Add questions.

I am randomly adding them. I am not reading; it will waste time. So, we can add to the available database. So, if we have the questions in our mind and they match our needs, like here. And three questions I have borrowed from there. If you have a Google Form, some questions are there. If you have a spreadsheet, you can add it here. If you have your question paper in another language, you can translate it here and add it. If you want to add an explanation for any answer, then definitely you can add the explanation, like in other questions we have. Fine. So, there are options.

There are many options for you, and if you want to add them, you can. Otherwise, save the changes, or you can discard them. You can also prepare a new question. I have not written anything, but I have just added ready-made questions. If you want to add similar questions, click on this again, and it will open similar questions matching your needs. If you find them suitable for your purpose, you can add them; otherwise, you can change them. Save changes. Then, you can see the preview. When you play with this, it will show something similar to what I had earlier. Now, we will move ahead with other types of questions, like you can prepare to draw, you can use open-ended questions. You can use them. Different types of questions are there. Matching questions are there. Multiple. I had chosen multiple choice. That was good. That's why that was coming.

Fill in the blank. Any type of question you want to choose, you can select it. So, this is all for the Quizizz right now. Now, we will go for another section of our presentation that was about the interactive PPTs. I have given the lots of links regarding the interactive PPTs and if you are interested I will show you the interactive PPT otherwise there is another last week we have the section for the content creation for the classroom teaching learning process there I will show you the PPT making ready-made PPT making also or templates slides also but for the interactive PPT I have highlighted the slides go.com and the Prezi here you will see that the how prezis are working like I will click on the prezi I hope it will open.

I will just show you that how it functions because if I only tell you the name then definitely you will not be able to understand that how it works so just two minutes demonstration I want to show you can create your presentation with the help of your prezi this is a interactive ppt preparation website with the help of AI and before that I will show you the okay first I will prepare for preparing you need not to log in just you write the any topic so, I will write a topic about the carrier development with ICT, ok! Then we will see that how it is working create with AI just you have to add more detail describe the presentation and let me prepare draft ok describe your presentation.

So, it is asking for the details about whom you are preparing for, what level you are preparing, and some information you have to provide about your presentation. So, if we want to skip it, we will skip. Okay, it is asking for signing in, so we will sign in with the Google account. I have already signed in, so there will be no problem. If you are not signed in or registered, you can go through the registration process. Definitely, this is preparing very interactive, ready-made PPTs. One drawback is that you will not be able to download it. They provide a created link, and you just share it with your students or the participants who are attending your class. So, while we are talking to each other, Prezi is working with its AI and preparing the presentation for you all.

So, I will see how they are presenting. Okay, they are creating—if you look at the right side, you will see that they are preparing the slides. If you want to edit it because you have expertise in your area, you can edit in this section. You can select the font style, and you can select the template. They will provide you the option to go to the editor. Otherwise, if you are not interested and do not want to edit it, go to the first frame. So, these are the first frames. You can see 'Introduction to Career Development with ICT.' It has prepared 'Definition of Career Development,' 'Importance of ICT Growth.' We have done nothing, not even provided the required information and it prepared the interactive PPT.

'Essential Skills for ICT Careers,' 'Technical Skills,' then 'Soft Skills,' then 'Continuous Learning and Adaptability.' Definitely, this is not plagiarism-free. They have used pictures from their database, and whenever you use it, just mention that this is a Prezi AI-generated PPT and you are using it for your teaching-learning process. Simple. We should just give the attribution, and the problem will be solved. So, 'Resume and Portfolio,' 'Networking Strategies' how nice the presentation they have prepared. So, that is why I always recommend to my students that if you want to prepare interactive PPTs, then go for Prezi AI. Now, go to the editor.

If you want to edit any slide, you can edit it, if you want to add different frames for your content you can add it otherwise if you are ok then go for present, you can present it from here or if you want to share it will generate the link, export to PDF, it will provide you the PDF format, you can export in PDF format, share broad link and collaborate. Like Google, this is also providing the collaboration option, you can add the email id of the person to whom you want to collaborate and that will be done. then if you want to styling color changing and all then definitely you can do that if you want to public it you can go for it will be taking time I will go back

Otherwise, more interactive PPTs I had prepared with this one of the Madan Mahan Malaviya Mission Program was there, yes. If you want to go it for the public, you will see that it is asking for money, ok. So, it will not allow you to go for public, but definitely it is providing you to present the link. So, start presenting by clicking the F5, you can record your video with this.

If you are using the screen recorder, just play it and your video will be coming out and screen will be recorded. And then I will try to show you the previously made presentation, if they will show you back to dashboard ok. I will ok, show you prepared PPT because it is generating the very beautiful PPT. Earlier in just on 4th March 2025, I had prepared one PPT with the for MMTC participants of Banaras Kashi Vidya Peeth and it had generated beautiful PPT on the solar system.

This topic was told by the participant and you can see and amazed by the Prezi made presentation for the any topic. So, it is uploading and I just want to show you. My goal is to show you this kind of PPTs to motivate you all regarding the AI uses for positive way, not the like plagiarism and all. So, if you will see that how the presentation was made by the Prezi AI, can see method of observation, concept of time and different credentials are there, different calendars are there, ancient India, Surya importance, moon, Chandra, Tidev and this is only our credit is that we have given the prompt, we have given the title, we have just inform that what we want and it has created a beautiful interactive ppt and you can see that if as a teacher I want to prepare this kind of ppt animated ppt I will not be able to prepare this kind of ppt so I will suggest you all that you please try it to make it by your own and I will leave the slidesgo because lecture will be so lengthy. So, slidesgo. I will go in the next week.

Now, we will conclude that AI is education is transforming. You have seen already the learning experiences offering personalized learning and automation and advanced analytics

while AI is enhancing the efficiency and accessibility challenges like ethical concern, cost and bias must be addressed. AI should be viewed as a supportive tool for educators rather than a replacement for human teachers. They cannot replace the human teachers. AI powered tools are making classrooms more interactive, personalized and efficient from intelligent tutoring systems to automated assessment tools and PPT generation which you have seen.

AI is reforming how educators teach and how students learn. Teachers can integrate these tools into their classrooms to enhance engagement. Efficiency and accessibility in education are improved. Whenever I talk about teaching AI, I always tell my students to give commands to AI, not your brain. Always apply your brain when using AI. A few references I have mentioned here are for your further studies.

Thank you, and keep learning.