

Training of Trainers
Professor Santosh Rangnekar
Department of Management Studies
Indian Institute of Technology Roorkee
Lec16
Digital Pedagogy in training

Today, we will discuss about the use of digital pedagogy in training. Nowadays it is become a very buzz bird and very popular and useful that is the trainer he gives the training with the help of the technology. I have already talked about the in earlier my module, the role of technology in training but this is a specific related to the classroom management training and how to make the use of the lecture through the help of technology and, so we first have to understand what is the digital technology?

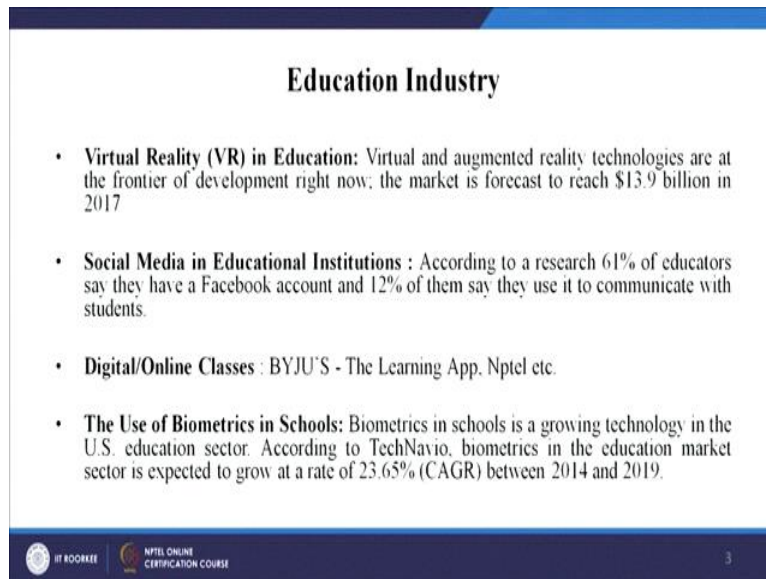
Now, in the digital technology, it is started with the best to processes, where the digitized information is recorded in the binary code of the combinations of the digits 0 and 1, and also called the bits.

(Refer Slide Time: 1:20)



So, this is basically we are talking about the digital technology, how does it help? This enabled immense amounts of the information to be compressed on the small storage as we are talking about, we are using this program also it is just an example of the digital pedagogy, it making easier to access naturally, for you, it is any time and you can access to this particular content, you can preserve also, now you can download and then you can make the share an enormous information on the basis of this particular digital lessons, which in the sort of the lectures.

(Refer Slide Time: 1:58)



Education Industry

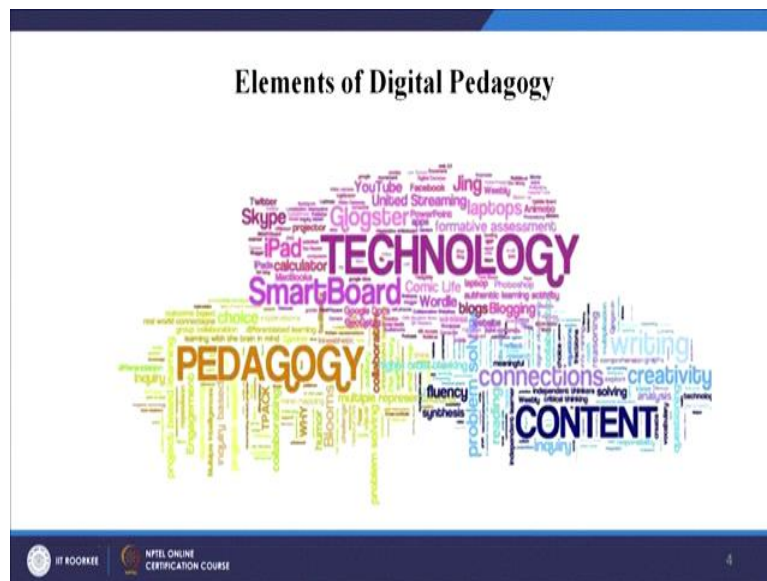
- **Virtual Reality (VR) in Education:** Virtual and augmented reality technologies are at the frontier of development right now; the market is forecast to reach \$13.9 billion in 2017
- **Social Media in Educational Institutions :** According to a research 61% of educators say they have a Facebook account and 12% of them say they use it to communicate with students.
- **Digital/Online Classes :** BYJU'S - The Learning App, Nptel etc.
- **The Use of Biometrics in Schools:** Biometrics in schools is a growing technology in the U.S. education sector. According to TechNavio, biometrics in the education market sector is expected to grow at a rate of 23.65% (CAGR) between 2014 and 2019.

IT KODAKKE NPTEL ONLINE CERTIFICATION COURSE 3

Now, if you go through the education industry, so it is the virtual reality in education, virtual and augmented reality technologies are at the frontier of the development right now, the market is forecast to has already reached to the more than 13.9 billion in the 2017 and social media in educational institutions, according to a research, 61 percent of the educators say they have a Facebook account and the 12 percent of them say they use it to communicate with the students. Now this is very also interesting that is the social media, how much it had been used for the purpose of the teaching to the students.

Next is digital, online classes, so when you are talking about these BYJUS the learning application, Nptel programs, etc, so this is all is becoming a very the digital online classes and as we have found, got the response they are becoming more and more popular, the use of biometrics in the schools, on the biometrics in schools is a growing technology in the US education sector, according to the TechNavio, biometrics in the education market sector is expected to grow at a rate of 23.65 percent a very high rate between 2014 and 2019 and therefore we find that is the whether it is a virtual reality or the use of the social media or digital online classes, or the use of the biometrics, they have become a very, very popular to make the interaction with the students.

(Refer Slide Time: 3:47)



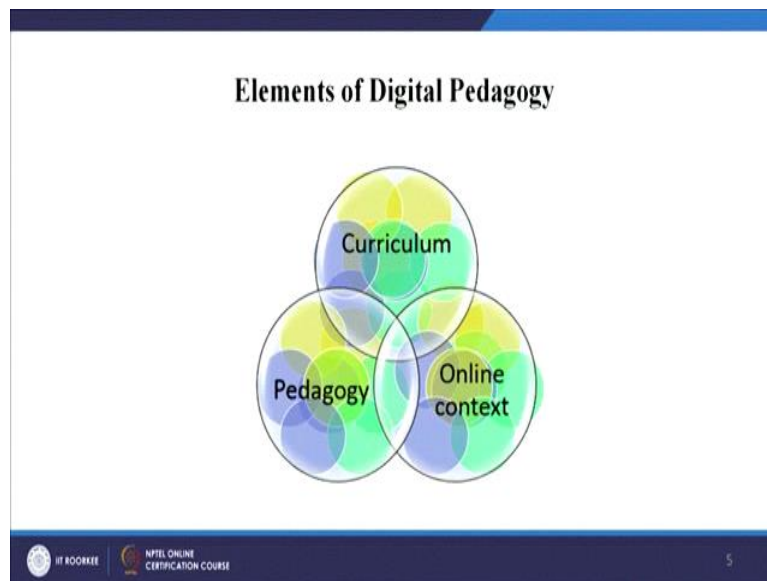
If we talk about the elements of the digital pedagogy then the other three elements are there, first is that is a technology, that is what sort of the technology you are having and when you talk about the Smart board, when you are talking about through Skype or you are talking about the iPad are the, when you are talking about the YouTube or United streaming or the Jing, or the laptops.

So therefore all this, that is becoming the part of life, now the education it becomes very easier because of these, this is are the different perihelia and the dimensions of the technology, which are helping a person and learner that is the how to make the best use of the technology to learn and get educated.

Second and foremost is a that is the pedagogy, that I will discuss with you that is what is the pedagogy and then what different methods of pedagogy and how to make the use of the digital pedagogy, and third very, very important is that is a content. Whenever we are talking about the contents, then definitely in that case the connections and the creativity is other two factors are becoming, very, very important.

Naturally you will be able to access digital pedagogy only when you are having the access to that particular technology and for that the connections is very, very important, another important aspect is that is because this is a new medium, so therefore the creativity is required to make, to deliver this particular concepts.

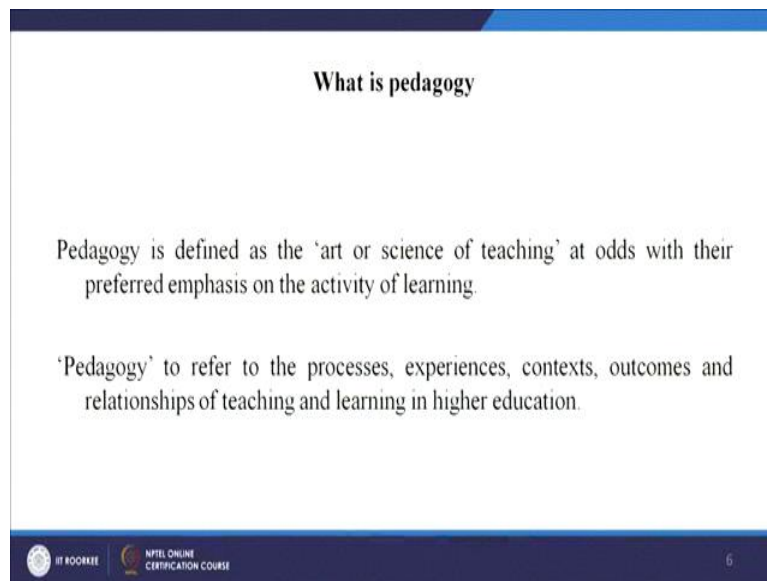
(Refer Slide Time: 5:26)



Now, in the elements of the digital pedagogy, it is a curriculum that is what curriculum you are having? The contents, the contents are to be designed accordingly, so that it becomes easier to deliver at the time of the lectures, so for example, the PowerPoint slides, so definitely if you are prepared with the PowerPoint slide than that course curriculum will be easy to discuss with the learners.

Second is online context, naturally, it will be through the online and therefore all your this connectivity and your access and to learn the use of technology that becomes a very, very important context, third is the pedagogy itself that is how do you teach? If you teach in this particular use of technology, then definitely you have supposed to be the user-friendly for this particular of the, making the use of the technology in the pedagogy.

(Refer Slide Time: 6:25)

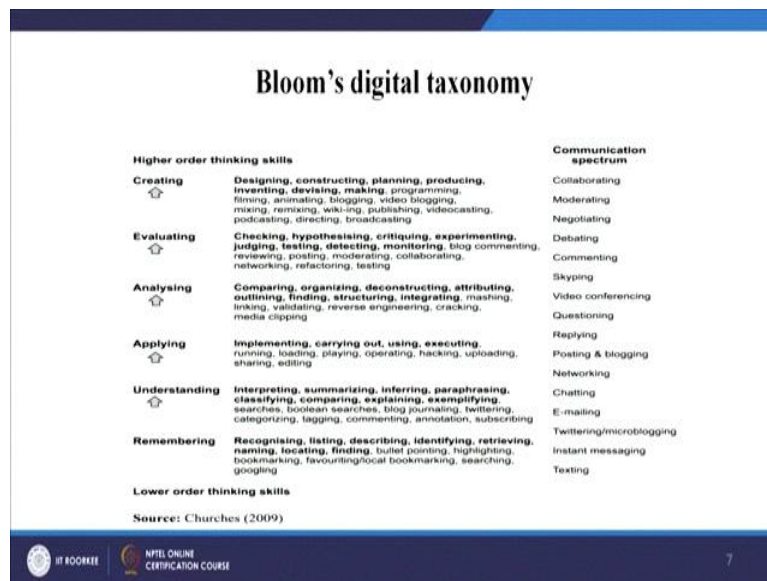


But what is the pedagogy? Pedagogy is defined as the art or science of teaching, so every faculty, every teacher is having the different style for teaching, so for example there is a subject of the OB - Organisational Behaviour and in the Organisational Behaviour if you are teaching the leadership or you talking about the stress management or the conflict management or the personality than in that case, it is the his art, that is how he is able to teach that particular subject that will matter a lot.

Similarly, then when you talking about the use of technology, so it is a science of teaching. How strong you are making slides, using the slide and making the PowerPoints contents for the delivering your lecture that becomes very, very important. At odds with their preferred emphasis on the activity of learning, but the main focus is that is a learning, that is whether the learner is able to adopt that particular contents which have been delivered to the learner the art and science of the teacher.

Pedagogy refer to the processes, it is a process, it is the experiences that is the teacher is having the classroom, context, in which context the lecture is delivered, outcomes whether the learner has learned or not, and the relationships of the teaching and learning in higher education, so therefore it becomes very, very important that is the how teaching and learning is done into the higher education and therefore this particular pedagogy, now here the pedagogy at different level of the education that will play the different role.

(Refer Slide Time: 8:18)



Now, I would like to take the example of the blooms digital taxonomy, so whenever you talking about the higher-order thinking's skills, so and the lower orders thinking skills, so first, it will start with the remembering, whenever we talk about that is the mug up and reproduce, than it is the recognizing, listing, describing, identifying, retrieving, naming, locating and finding.

So therefore the learner that he has to remember all this and then by the bullet point highlighting, that means the bookmarking mechanism, favouring a local bookmarking's and searching and googling that will be done in the case of this particular blooms digital taxonomy. Now this will be having the instant messaging and the texting that is the communication spectrum that will be used whenever you talking about the remembering is there.

Once we go to the next level that it will be the understanding, what it means? It means that interpreting, summarising, inferring, paraphrasing, classifying, comparing, explaining and exemplifying. So, therefore these are the searches with the Boolean searches, blog journaling, twittering, then the categorizing, then the tagging, commenting, annotation and subscribing and the communication spectrum, which will be used for this that will be the chatting, emailing and the twittering or the microblogging this will be the communication spectrum, which will be used for the understanding.

When we go to the next level, we find the applying, so whatever has remember, whatever has been understood, now we have to go for the applying, in implementing, carrying out using,

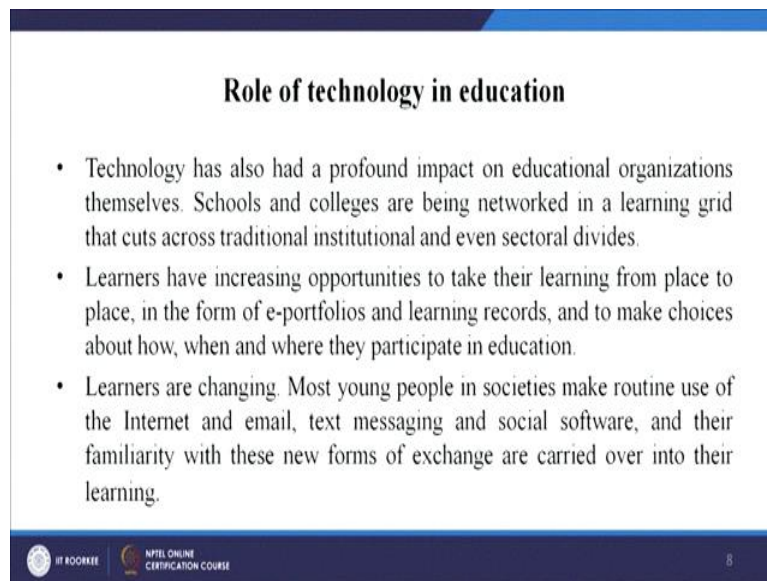
executing, running, then the loading, playing, operating, then the hacking, uploading, sharing and editing, so this will be the context and this context that will be used with the help of posting and blogging in the communication spectrum and the networking.

Next level is that is the analysing, in analysing and comparing, organizing, deconstructing, attributing then the outlining, finding, structuring, integrating, mashing, linking, validating, reverse engineering, cracking and media clipping is to be done, whenever we want to make the analyses of the digital content, then how it is to be done? It will be done through the videoconferencing, questioning and the replying.

When we go to the next level of the evaluating in the blooms digital taxonomy what it means? It means that checking hypothesis, then the critiquing, experimenting, judging, testing, detecting and monitoring, this blog will be having the commenting, networking, refactoring and the testing, as a result of which we will be using the debating then the commenting and skypeing this will be the communication spectrum.



And finally, when we talk about the higher-order thinking's skills, so this will go further designing, constructing, planning, producing, inventing, devising, and making programming, filming, animating, blogging, video blogging, mixing, remixing, wiki-ing, publishing, video casting then the podcasting, directing and the broadcasting. So therefore this will be the creativity that is the, how it will be the communication spectrum will be? Collaborating, moderating, and negotiating. So, therefore when you talking about the learning process in the digital pedagogy it goes from the remembering, understanding, applying, analysing, evaluating and the creating, creating will be the higher-order thinking skill.

(Refer Slide Time: 12:27)



Role of technology in education

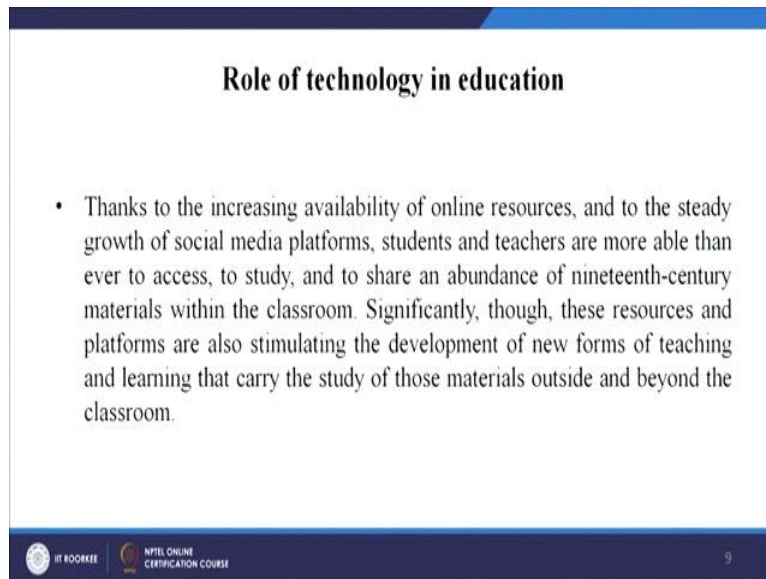
- Technology has also had a profound impact on educational organizations themselves. Schools and colleges are being networked in a learning grid that cuts across traditional institutional and even sectoral divides.
- Learners have increasing opportunities to take their learning from place to place, in the form of e-portfolios and learning records, and to make choices about how, when and where they participate in education.
- Learners are changing. Most young people in societies make routine use of the Internet and email, text messaging and social software, and their familiarity with these new forms of exchange are carried over into their learning.

 IIT Kharagpur  NPTEL ONLINE CERTIFICATION COURSE 8

So technology also had a profound impact on educational organizations themselves schools and colleges are being networked in a learning grid that cuts across traditional institutional and even sectorial divides is there. So therefore nowadays, the more emphasize is on the learning grid, create a learning grid, so that the students they will learn easily and faster way. Learners have increasing, opportunities to take their learning from place to place, it is not necessary that is, they will be able to learn only from one place, if they are migrating to another place there also they will able to learn.

In the form of e-portfolios and learning records and to make choices about how, when and where they participate in education, therefore it is the boundary less, it is becoming the boundary less, learners are changing. Most young people in societies make routine use of the Internet and email, text messaging and social software and their familiarity with this new forms of exchange are carried over into their learning process and as a result of which we will find that is the role of technology in education that has become very, very important.

(Refer Slide Time: 13:34)



Role of technology in education

- Thanks to the increasing availability of online resources, and to the steady growth of social media platforms, students and teachers are more able than ever to access, to study, and to share an abundance of nineteenth-century materials within the classroom. Significantly, though, these resources and platforms are also stimulating the development of new forms of teaching and learning that carry the study of those materials outside and beyond the classroom.

IT KODKKE NPTEL ONLINE CERTIFICATION COURSE 9

If we talk about the role of technology, thanks to the increasing availability of online resources and to the steady growth of social media platforms, day by day, it is increasing and especially the young people, they are making a learning platform out of the social media. Students and teachers are more able than ever to access, so therefore it is not necessarily that is that they are supposed to be physically present, rather than to digital education they can be, they can go for the advancement and can be accessible at the different places even the learner is travelling.

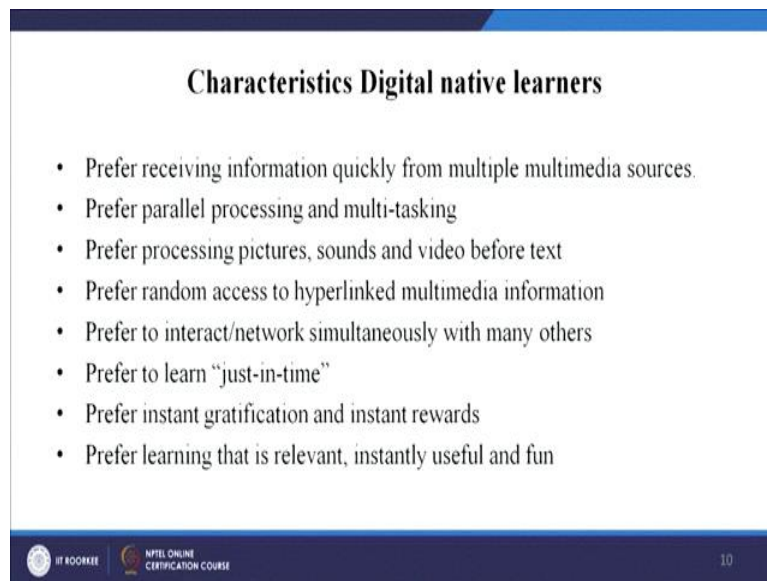
And to share an abundance of the nineteenth century materials within the classroom, and as a result of which what was happening into the nineteenth-century, now in the twenty-first century, it is becoming totally reform. Significantly, though, these resources and platforms are also stimulating the development of new forms of teaching and learning because of the when you are using the technology definitely new forms of the teaching and learnings are existing.

Are stimulating the development of new forms of teaching and learning that carry the study of those materials outside and beyond the classroom. So it is not restricted within the classroom, learning is not now depended not only on the classroom learning rather than if the person is wants to learn even after the classroom and that is becoming easy access because of the role of technology.

So what are the characteristics of the learners, digital native learners that we will see? They prefer receiving information quickly from the multiple multimedia resources, as I mentioned

earlier that is, there are online classes are there, there are social medias are available, there are the Nptel lectures are available, so there are the You Tubes are there, so therefore, in that case there information access is becoming very quick, whenever they want to make the access to a particular information at any time as per their convenience, then they can make the access.

(Refer Slide Time: 15:49)



Characteristics Digital native learners

- Prefer receiving information quickly from multiple multimedia sources.
- Prefer parallel processing and multi-tasking
- Prefer processing pictures, sounds and video before text
- Prefer random access to hyperlinked multimedia information
- Prefer to interact/network simultaneously with many others
- Prefer to learn “just-in-time”
- Prefer instant gratification and instant rewards
- Prefer learning that is relevant, instantly useful and fun

IT 4000000 NPTEL ONLINE CERTIFICATION COURSE 10

The learners they prefer parallel processing and multitasking, now you see that they are, they may be on the job and they want to learn and then in that case, it becomes very, very important that is, they are making the parent processing and simultaneously they are learning the multitask also, they prefer processing pictures, it sounds and video before text is there, so therefore it becomes very, very interesting that there, in the digital pedagogy we are using the videos, we are using the pictures and we are using the sounds.

They prefer random access to a hyperlinked multimedia information, the learners are very, very comfortable whenever they are having access to the hyperlinked multimedia information and therefore in that case from anyplace, any time and they can make this access, they prefer, learner prefer to interact a network simultaneously with many others, so it is not restricted to only one learner, it is a very strong point of the strength of these particular digital learning that is the, they are not restricted to the one, but they have been spread among many and therefore in that case, many other simultaneously they can also learn.

They prefer to learn just-in-time, now as I mention many of them are working, they are busy, they have access the learning process as per as whatever the time available to them, this is

becoming a very, very critical question and therefore this type of these learning that is becoming just-in-time. Prefer instant gratification and instant rewards are there, so therefore as soon as they go through this particular process, they are able to learn, they are able to answer and therefore as a result of which they are having the high rewards.

Finally, the digital native learners they prefer learning that is relevant, instantly useful and fun and therefore it becomes very much relevant for them, whatever they are learning, they do not take it is a theoretical because they are learning what they require to learn it is a needs-based learning, it is the customized learning and therefore in that case that is becoming very much relevant, it is becoming very easy access instantly, so if somebody wants to learn from a particular time period, just-in-time period than in that case, he can easily access that particular learning and naturally when you are using the technology, it is becoming the fun to learn and therefore these are the characteristics of the digital native learners.

(Refer Slide Time: 18:29)




What is Google Classroom?



Google Classroom is available to schools with a Google Apps for Education (GAFE) domain.

Classroom is a way to get all of your students in one place and allows you to easily assign work and for students to turn it in.

Home base for google drive.



The logo for Google Classroom, featuring a green square with a white person icon, the word "Classroom" in white, and "by Google" in smaller white text below it.



 IIT Kharagpur  NPTEL ONLINE CERTIFICATION COURSE

Now, I would like to take the example of the Google classroom, when we talk about the Google classroom, than how this Google classroom is working. First, please understand what is Google classroom? Google classroom is available to schools with a Google apps for the education and therefore in GAFE domain and therefore you can make the easy access to this particular domain.

Classroom is a way to get all of your students in one place and allows you to easily assign work and for students to turn it in, so therefore it is not necessarily that is the teacher has to be present into the classroom and the assignments can be given online and therefore it becomes the home-based for the Google drive and as a result of which easy access is there.

(Refer Slide Time: 19:22)

- Helps teachers create and collect assignments paperlessly
- Includes time-saving features (i.e. make a copy of a Google Document for each student).
- Creates Drive folders for each assignment & student
- Students can keep track of what's due on the Assignments page and begin working with just a click.
- Teachers can quickly see who has or hasn't completed the work, and provide direct, real-time feedback and marks from within Classroom.

 IIT Kharagpur  NPTEL ONLINE CERTIFICATION COURSE

It helps teachers, create and collect assignments paperlessly, so this is a very big advantage when we are talking about the cleaner teaching process and the green teaching process. So whenever we are talking about the cleaner teaching process and then in that case the documents are less and less, paperless, so therefore it is becoming the cleaner also and it is because we are not cutting trees, we are becoming the teaching has to be environment friendly.

And when we are talking about the green teaching and therefore this becomes, helps the teachers to create and collect assignments the paperlessly and therefore if the number of students are 90 and then you are giving them multiple assignments, not a single assignments and then in that multiple assignments you did not to collect the papers like the traditional teaching rather than online you can ask them to go for the taking assignments and the submitting the assignments.

It includes the time-saving features that is making a copy of a Google document for the each student and therefore in that case within short period of time you can make the access to the all the students, creates drive folders for each assignment and the student and therefore it becomes very, very easy for them that is the whatever the drive folders are there, so they will go to the folder, for each student there is a folder, they can access to that folder and then they can make the assignments.

Now, if you are giving that the individual assignments, so therefore it becomes very, very easy access for an individual, so you are the teacher and the learner both are saving time, students can keep track of what is due on the assignment page and begin working with just a click, this is also a very, very important like he is did not to wait for the next day, that he has to ask for the assignment next day and then he has to start.

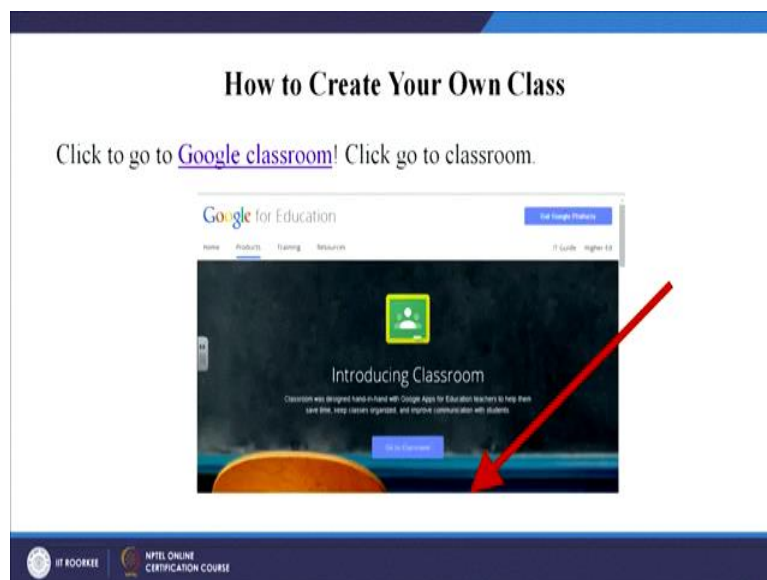
Now here they can make the access to the assignment page any time, even after the class hours and maybe in the late evening they can make the assignments and start working on that for the just the next day, what assignment is to be submitted with a just a click. Teachers can quickly see who has or has not completed the work and provide direct, real-time feedback and marks from within the classroom, this is very, very interesting.

So you can easily see that when you are work has been accessed and then whether it has been accessed or it is not been accessed by the student, what and he has access and how much time he has taken to do that particular task an idea, you can take and therefore even they have not

completed the work you can notice, you can find out that is the whether the student has whatever the assignment has given has done in the first four hours, first eight hours or in the last four hours and last eight hours.

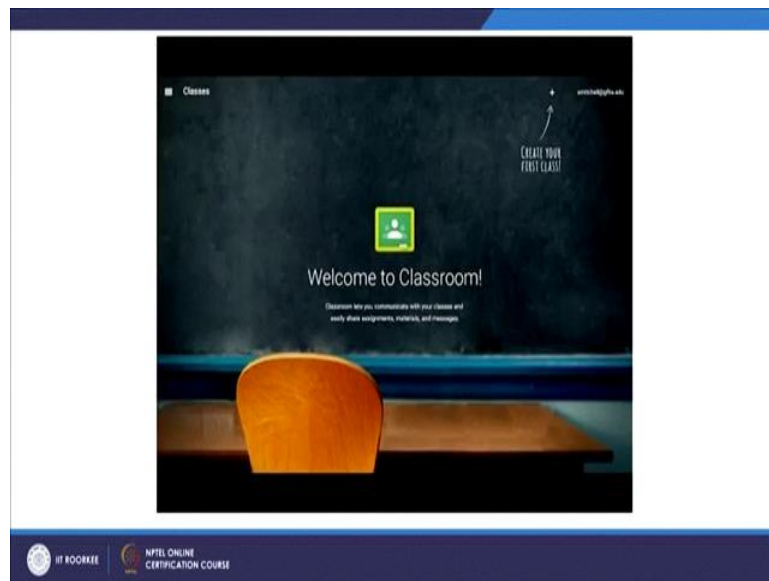
So therefore, how curious is the student and how much time he spending on this assignment that you can also notice, it can provide the direct real-time feedback also, so therefore you will easily understand whether the student has learned or he has not learned, so that will be the feedback for the teacher. Similarly because they are, at what time they are accessing and how they are completing their work, that will be the feedback for the student also, whatever the marks are given for this type of evolution, it is need not to be communicated separately and the student can access his page any can find out that is the yes, what marks he has scored.

(Refer Slide Time: 23:18)



During this training program also you can give this training that is the how to create your own class to the trainer and then the click go on to the Google classroom and then this particular screenshot that will talk, so therefore it will be the introducing classroom, you are supposed to introduce the classroom and get the Google products on this particular home and the products you will click as soon as you will click and then you will go to the classroom. Now, here it will message will be there, welcome to classroom.

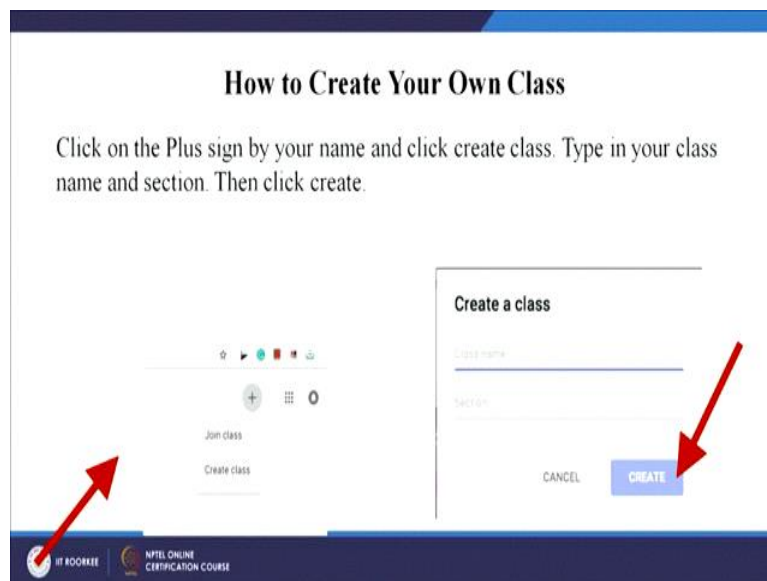
(Refer Slide Time: 24:41)



Now here also I would like to share one more assignment and that is about the turnitin, so whenever we are going for these plagiarism check in academics and originality there also you can learn with the help of the turnitin , that is the you can, the assignee that he can access and find out that is what type of the percentage of the plagiarism is there and in that case if there are similarity, then there are many we are using this particular software and then in that case, you can find out that is the whether how much is the similarity index is there and what are the percentage are the common in this particular software they can also find out.

Now in the Google classroom, you will find that is as soon as you go for the classroom in the screen, where the classroom, you will have and that is your connection with the classes connective with the classes and then it will become them, they are more or more easy to start their class.

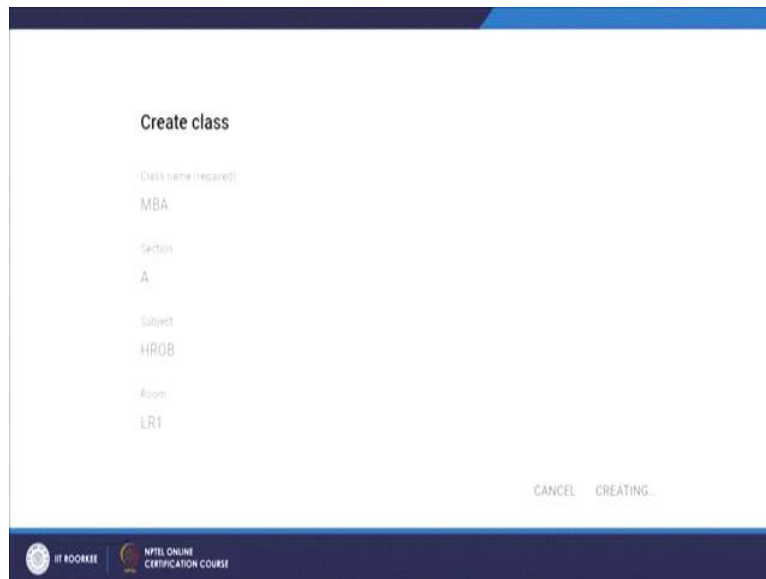
(Refer Slide Time: 25:05)



Now click on the plus sign by your name and click create the class, and as a result of which as soon as you click addition sign, plus sign means that is the plus is there, it means that you are adding the new class and then you are creating a new classes when created. Now here you have to write the class name and then in the screenshot you are able to see that is yet to see the class name and the section, and as soon as you click here and as soon as you click their then you will be able to join this particular class right and then in that join the class and then create a class.

So therefore, in that case you are class name will appear, the section you have to write and when you write the class name and the section and then you have to create, click on the create, as soon as you will be having the click on this create then you will be having to your own class will be there. Now it will appear like this that is a class name, of course it is required, now you please see that is the class name is required, so you can give the class name and that is about it is,

(Refer Slide Time: 26:14)



The screenshot shows a 'Create class' form with the following fields and values:

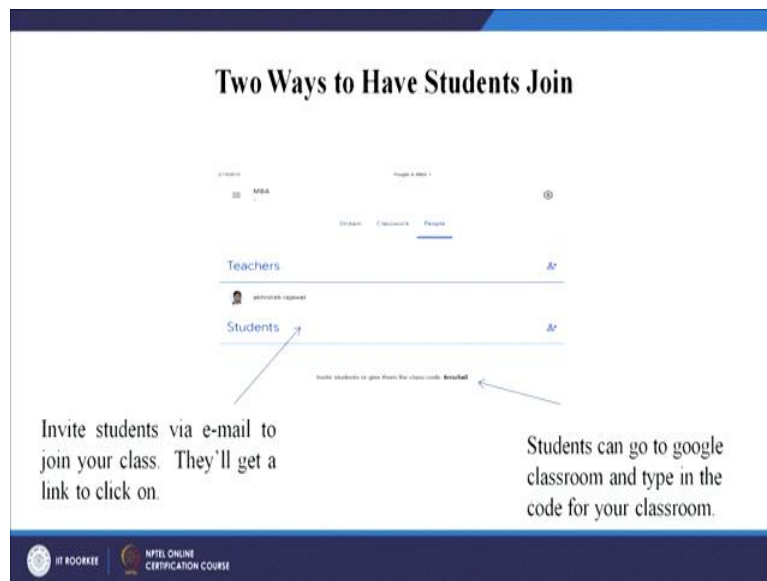
- Class name (required): MBA
- Section: A
- Subject: HROB
- Room: LRT

At the bottom right of the form, there are two buttons: 'CANCEL' and 'CREATING...'. The footer of the interface includes the IIT Kharagpur logo and the text 'NPTEL ONLINE CERTIFICATION COURSE'.

For example here, then we are talking about, it is MBA and then the sections, section can be there, more than one section or two sections. So therefore then you are writing about the section, section will be created, so what we have clicked in this create and how this particular screen will appear and then the subject, for example HROB that is the Human Resource and Organisational Behaviour or MPOB Management Practices and Organisational Behaviour whatever subject is there and that subject will appear there in the Google classroom.

And then you will have the room, room number that is in which room that you have to go for this particular class. So therefore, now if you find you are happy and satisfied that is the, these are the contents to create a class they were the right and correct then you can go further creating but if you find that is whatever entry has been done for the creation of a class and then it is not properly, maybe the name of the subject, maybe you want to change the classroom, then in that case, you can cancel and then again you can go for the creating the new classroom is there.

(Refer Slide Time: 27:39)

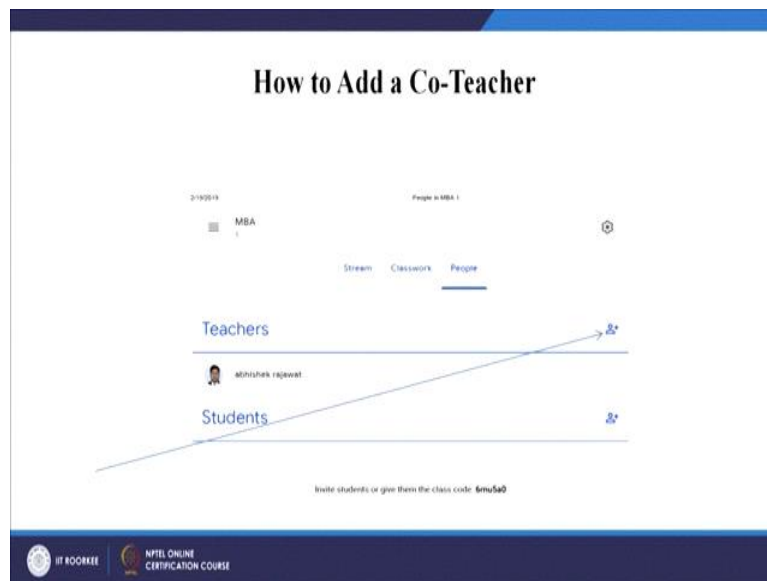


Now, once the classroom is created definitely students are supposed to join, and here we will find that is now you see here that is the date has been given and in the date that there will be the people, number of people those who have join the class that will also appear, then there will be the stream, that is what stream is there, then the class work that is work, classwork has been done and then the who is the people, student who has joined.

Now here you see that is like for the students, now his name is given the Abhishek Rajavat and then you will find the invite the students via email to join your class and they will get a link to click on, so as soon as they, you will go through this join your class and they will get a link to that is the yes they have to join.

Now students can go to the Google classroom and type in the code for our classroom, so therefore here invite the students to give them the class code, like her if you find that is code has been given, the code has been given 6rnu5aO, now as soon as the student through via email, we invite the students to join, and then they get this particular code to join this particular class, when they type this particular code, they will be entered into that particular, registered, in today particular classroom.

(Refer Slide Time: 28:53)




Now, if you want to add a co-teacher than in that case also we can go that is the here if you see that is the plus sign is there, invite students to give them the class, again, you are the class code is the same and then date is there, you will find in the screenshot there is a course name is there, then number of students is there, stream, classwork and people will appear, the teacher is there, now because you want to add the co-teacher, if you have noticed that just opposite the teachers there is a plus sign, click on the plus sign you will be able to add the teacher and as a result of which you can add the co-teacher.

Now, here also I would like to mention that is the cross functional teaching, it becomes very, very easy in digital pedagogy that is the, suppose we have talking a comprehensive case, full case study we are taking and in that case study what is important is that is we want to take the particular aspect with the HR, with the marketing and marketing, with the Finance and then the analysis is there of that particular case study, so naturally this assignment will go to the different teachers because that particular subject has been taught by different teachers, if they are taught by the different teachers, then they need not to go to the separately for the all the teachers, just you read the co-teacher and then assignment will be accessible by your co-teacher.

(Refer Slide Time: 30:37)

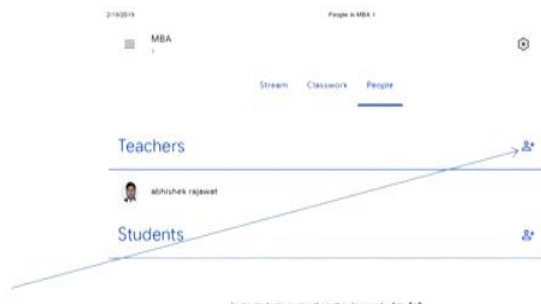
Using the Classroom Code to join:

1. Go to Google Classroom.
2. Click on the plus sign in the right hand corner.
3. Click join class.
4. Then type in the classroom code and click join.



IF KODKKE NPTEL ONLINE CERTIFICATION COURSE

How to Add a Co-Teacher



Stream Classwork People

Teachers

Students

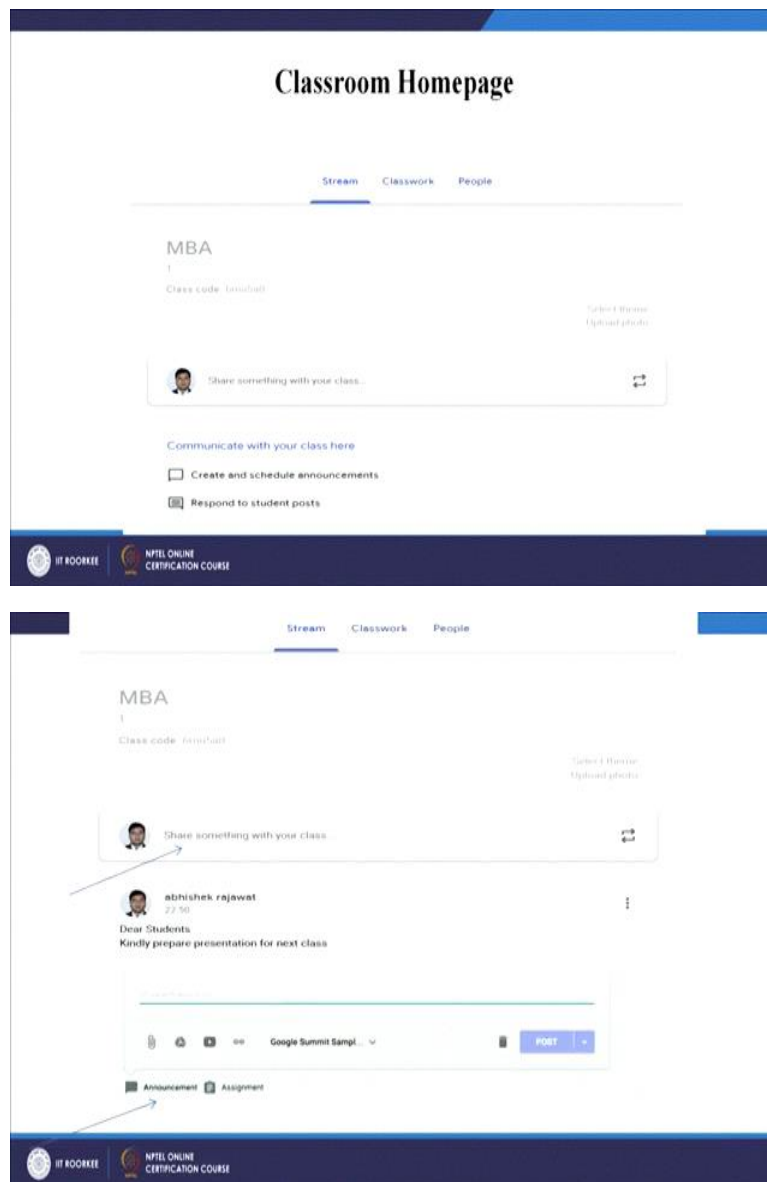
Invite students or give them the class code 6rnu5aO

IF KODKKE NPTEL ONLINE CERTIFICATION COURSE

Now, here certain important points are there, using the classroom code to join, so to the go to the classroom, click on the plus sign in the right-hand corner as I mention in the earlier slide also, click the join class, like her if you are able to see there in this notice that is the there is a plus sign, so therefore you have to click here and there will be click, there will be join the class, so you have to click on the join the class and then type in the classroom code and click join.

So as soon as you will join the class, then the classroom code has to be there, for example here we have given this class code 6rnu5aO, here the person will join the class and then he will be getting that is the with the help of the classroom code, he will join to the that particular class, so therefore he will click on the join and he will start.

(Refer Slide Time: 31:32)

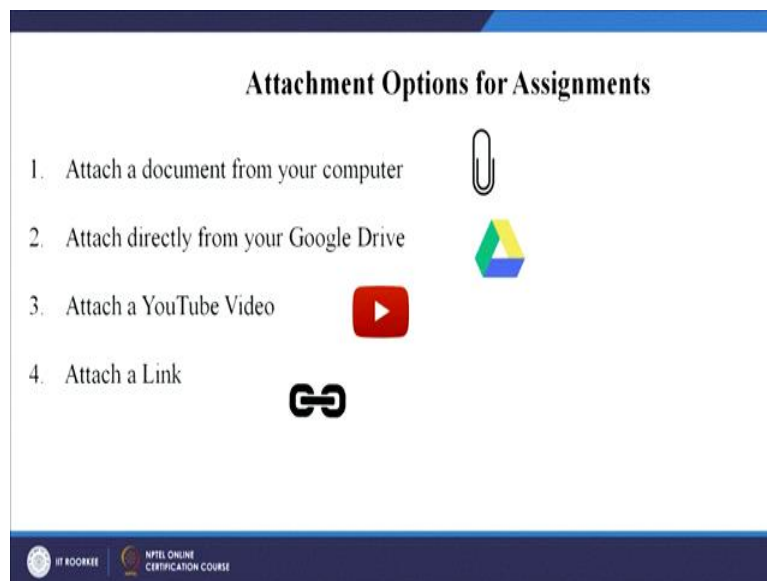


Now how the classroom page will appear? The classroom page will appear the name of the course, the number of the students and the class code, whatever the class code is there, and then on the basis of that, then select the theme, so upload the photo and therefore sharing something with your class and therefore you can easily share something in your class.

Communicate with your class here and create and schedule announcements, so therefore if there is any change in the timetable, any schedule is changing you can make the announcement here and you can share that with your class, similarly respond to the student post, so therefore, in that case the students they will be able to respond that, whatever the student post is there, so if you are changing the schedule and if the student is having any problem he can make the post also there.

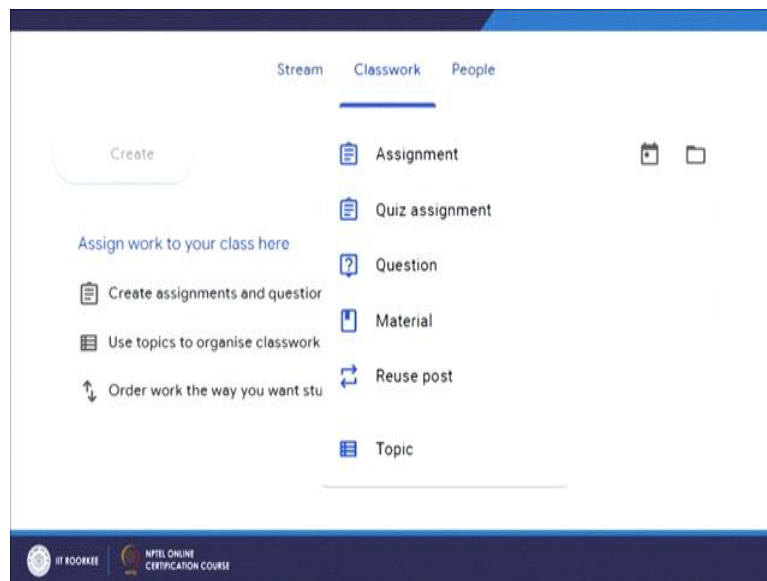
Now, in this case kindly prepare presentation for the next class, this will be the, what has been shared with the students and the students with this announcement, they will understand and then here is the post, when they will go for the post, then whatever the assignment is there, they will be able to attach, if you see that is the, in they are the it can be share on the Google drive or it can be making the attachment and this type of the classrooms that can be used.

(Refer Slide Time: 32:56)



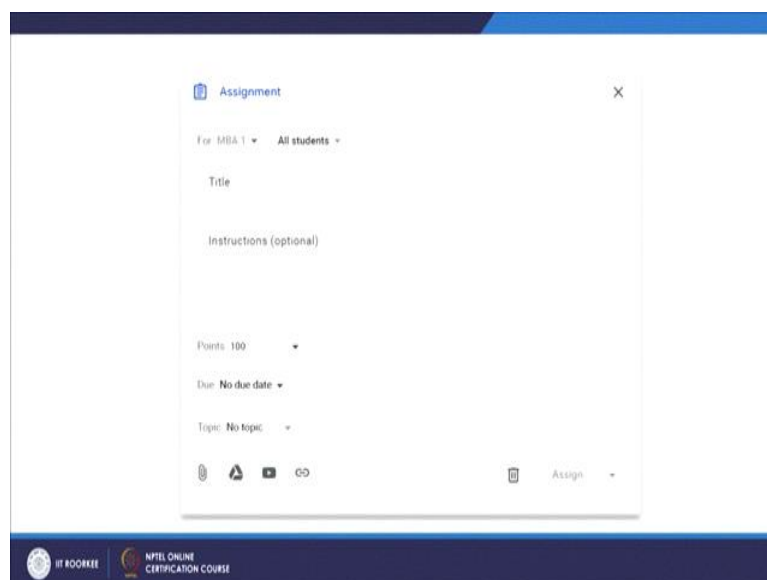
Attachment options for the assignments, so therefore as I mention that is, you will have the attached document from your computer, so therefore if there is any document is to be there attach directly from your Google drive, so if there is a Google drive, so make that particular drive, attach a YouTube video, so whatever the YouTube video is there, then that is to be taken, attach a link, so therefore if there is a link is there, web link you want to give, then you link that is there and like this, you can make your assignments the attached.

(Refer Slide Time: 33:22)



Now, here when you are talking about the classwork, so classwork can be the assignment, it can be the quiz assignment, it can be the, if any question is there or material or the reuse post is there, so therefore on this classwork you will find that is the creator assignments and questions, use topics to organise the classwork and order work the way you want to go, so on basis of this you can, so how it will be there?

(Refer Slide Time: 34:07)



It will be like this, this will be the MBA students, this is assignment, and there is a title, now any instruction is there. Suppose you have two assignments, so you have to go by the one

section only and like this, so that instructions if you want to give that will be the optional here, it will be of the 100 points is there, so if the, we can put the any due date right or whatever did you want to put is there and if there is topic and then you can give that particular topic also.

(Refer Slide Time: 34:19)

The image displays two screenshots of a learning management system (LMS) interface, likely Canvas LMS, showing the process of creating an assignment and a material post.

Top Screenshot: Assignment Form

- Title:** A text input field for the assignment title.
- Instructions (optional):** A large text area for providing instructions.
- Points:** A dropdown menu currently set to 100.
- Due:** A dropdown menu currently set to "No due date".
- Topic:** A dropdown menu currently set to "No topic".
- Blank Quiz:** A link to create a blank quiz using Google Forms.
- View responses:** A button to view responses for the assignment.
- Assign:** A button to assign the assignment to students.

Bottom Screenshot: Material Form


- Title:** A text input field for the material title.
- Description (optional):** A large text area for providing a description.
- Topic:** A dropdown menu currently set to "No topic".
- Post:** A button to post the material.

Both forms are configured for "MBA 1" and "All students". The interface includes a footer with the IIT Kharagpur logo and the text "NPTEL ONLINE CERTIFICATION COURSE".

So in this case like the you will find that is the quiz is there and so the quiz the responses can be seen, so this is also helpful in case of the all the students title, description and then to make this particular post.

(Refer Slide Time: 34:43)

Tracking your students progress



ASSIGNMENT: 23746

Sample Performance Task (Research Questions)
Use your article and video notes to respond to the three research questions in the attached assignment.

Good Luck!

Play/Pause

Research Questions (Sample SBAC PT)
Google Docs

Each student will get a copy

26 DONE 13 NOT DONE

Easily see the number of students who've completed and have yet to complete the given assignment.

IT ROOKIE NPTEL ONLINE CERTIFICATION COURSE

Now, we can also, another interesting point, that is, we can taking the student progress, so how to conduct the student progress. So here you will find the screenshot, sample performance task is there, research questions are there any use your article and video notes to respond to the three research questions in the attached and for this purpose, there is the 26 I have done, 13 not done, how many students have done easily see, the number of students who have completed and have yet to complete the given assignment and then there will be the research questions Google Docs and each student will get a copy of this particular assignment.

(Refer Slide Time: 35:13)

The Wettest Place on Earth TDQs

Showing assignments that are done or not done

Students	Status	Score	Points	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100

The detailed list of students who have completed their work.

The Wettest Place on Earth TDQs

Showing assignments that are not done

Students	Status	Score	Points	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100
Arjun Reddy	20/20	100%	100	100

The detailed list of students who have not completed their work.

IT ROOKIE NPTEL ONLINE CERTIFICATION COURSE

The detailed list of students who have not completed their work, this particular screenshot is there, that is the list of the students who have completed their work and the list of the students in detail who have not completed their work, so with the help of this classroom management through this digital, with the help of technology what we can do that is we can create the classroom, we can give the assignments, we can track the assignments, with the how many have submitted, who have not submitted, then we can evaluate that and they can also see their marks that what marks they have got from this particular classroom management.

So what I want to mention is that is the digital pedagogy, that is easy to access from the all the sources at different places by saving the time, saving the cost and then there can be the clean and green pedagogy system for the purpose of because it will be paperless also, so therefore if we use this pedagogy it will be very much helpful. This programme of TOT also is an example of the digital pedagogy. Thank you.