SCRIPT OF TALK

TITLE: **Introduction - Long**   SPEAKER: **Prof. T.V.Prabhakar**

NARRATION:

Hi!! My name is Prabhakar, I am with the Department of Computer Science at IIT Kanpur. This course is about MOOCs massive open online courses it's about deconstructing moocs. Now all of you must have heard of moocs and actually many of you might have done a mooc at least, a part of it because most students of moocs have not completed the mooc. They have registered apparently the completion rates are only under single digit you know only 10 percent so but you know how a mooc is possibly experienced and there may be some people amongst you who have taught a mooc probably this course is not for them there may be some people who have sponsored a mooc who have thought of offering a mooc some teachers and the audience who come to some teachers amongst you who thought of teaching a mooc. There may be some planners who were trying to use moocs for some aspect of their constituency. They may be people who have sponsored moocs and so on. So the idea of this course is we want to tell you all about what is inside a mooc. We want to deconstruct the mooc. So, moocs have started sometime back and essentially the first moocs is supposed to have come in 2008 but by 2011 they have taken off 2012 is called the year of the mooc and it seems to offer different things for different people. If you look at the teacher a mooc is offering a very unique way of reaching a large number of students a large number is unimaginably large number.

Where you often in one single mooc you might teach students in numbers equal to the rest of your carrier in this traditional classroom. It's a new medium to work and it has interesting things like you can track the efficacy of your lectures in how many students following what

you're saying what parts of the course they are having difficulties and so on. It has interesting analytics that it offers which makes the life of a teacher very exciting for the student of course it is very liberating. It is he can learn or she can learn whatever at any time and at any place there are no restrictions of having to go to the classroom at a time convenient to the instructor and of course very very important hither to un- accessible content from speakers and from universities world top-rated teachers and researchers you can learn from them. For the planner and administrators the challenge is to skill up in scale at speed and mooc seems to offer a solution for that.

Ofcourse, its impacting universities in a big way and the relationship between the mooc and the universities is still emerging one should say. So, what are we going to do in this course? We first are going to talk about the mooc landscape. Of course we will define or try to get in more detail what a mooc is we will look at the history of moocs .We will look at the taxonomy of moocs like people say there are various kinds of moocs and how they are different from each other and so on we will look at the major players a in the mooc space and then we will try to see what are the kind of people students who are benefiting from the mooc so far and then of course we will look at some case studies and this is the core of our course the architecture of a mooc.

If I have to explore the mooc and can see what is inside that's what we will discuss in this section
essentially a mooc is of course about video lectures so but it depends heavily on interactions among students amongst the instructor and the student and so on. There are interesting assessment issues certification identity management in a mooc is very very critical and then of course analytics as a said is seems to drive the power of a mooc. Moocs technology also has influenced classroom teaching and you can adopt them in a traditional classroom sometimes people call it a flipped classroom. So, we will talk about that and then special interest to developing countries we will talk about when a conductivity the bandwidth is low how do I handle that scenario. If you want to do a mooc what platform you should use? So, this section is

about mooc platforms we will look at the major platforms that are available open-source or otherwise and we will try to discuss those the next section is about moocs and universities.

Moocs are have been so far in the non-formal education space. I want to learn about something and so I go and do a mooc but if I want to use that certificate as part of my degree what is the scope. How are universities reacting to this? So, moocs in formal education is what we will discuss in moocs and universities next of course how much does it cost to run a mooc or to design a mooc. The economics of moocs is what we will study in this part of the course. The next part is on actually how to run a mooc as you know mooc is an event it has a start date and a stop date and there is an announcement before and during the course of the mooc. There are various events that happened like exams, quizzes and ofcourse interactions and so on so, this is about the logistics. Of running a mooc and which are important and how to take care of what. This is another very important topic often it is said these moocs are creating a new elite because if you look at the population benefiting from the moocs they are the ones who have access to technology in some sense and many of them are already graduates with some degrees from the formal education system. So, the question is how do I make an impact using moocs on reaching the unreached at the same for example. How can I use them in agricultural extension or a primary health care and so on? So, this is what we will talk about in this part, who should be doing this course. We actually aim this course for a very broad audience of course primarily the faculty members who are interested in doing a mooc. They already are teachers they have taught many courses and they're interested in pedagogy they all want to reach out to more students to experiment with teaching technologies and so this course will be of great interest to them and of course learning technology people whose research interest is on learning technologies and whose institutes specialize in training people in a large-scale moocs like open universities and so on. This course should be of great interest to them, policymakers and higher education administrators, industry people who are in the training aspect of their company personnel, extension specialist like in agricultural or public health, development specialists who were need to address issues that plague developing countries and then of course those teacher educator and then of course we also are looking at students who

plan to use a mooc to enhance their own skills at or improve their employability They should also benefit from this course because now after the course they will know the insides of a mooc. We'll also talk about how to get the best out of a mooc.

The course starting on 5th September looking forward to interacting with you all.

thank you