

Resources Available	Laptop / desktop with Windows OS					Mac	Surface	Desktop / laptop with Linux OS
	Pre-built ppt +Microsoft office	Pre-built PPT	Blank PPT	Paper	Any other suggestion	Pre-built PPT	Pre built PPT OR Blank PPT	
Resources Required	In-built microphone for audio recording OR Headset with microphone for audio recording	In-built microphone for audio recording OR Headset with microphone for audio recording And Wacom tablet* to annotate slides	In-built microphone for audio recording OR Headset with microphone for audio recording And Wacom tablet to write on slides	In-built microphone for audio recording OR Headset with microphone for audio recording And Document camera** to record what is being written on paper		In-built microphone for audio recording OR Headset with microphone for audio recording	In-built microphone for audio recording OR Headset with microphone for audio recording And use surface pen	
Content Creation	Record PPT with narration	<ul style="list-style-type: none"> ➤ Connect Wacom tablet to system ➤ Install Camtasia on the system ➤ Use PPT in presentation mode ➤ Use the pen tool to write into PPT ➤ Use Camtasia *** to record screen and audio 	<ul style="list-style-type: none"> ➤ Connect Wacom tablet to system ➤ Install Camtasia on the system ➤ Use PPT in presentation mode ➤ Use the pen tool to write into PPT ➤ Use Camtasia to record screen and audio 	<ul style="list-style-type: none"> ➤ Use the document camera installed in Lecture Hall Complex ➤ Write on a A4 paper and record camera with audio using Camtasia ➤ Use podium software to get the input from the camera for recording ➤ Scan paper notes to convert to PDF 		Record PPT with narration	<ul style="list-style-type: none"> ➤ Install Camtasia on the system ➤ Use PPT in presentation mode ➤ Use the pen tool to write into PPT ➤ Use Camtasia to record screen and audio 	Looking for suggestions for linux platform
Output	PPT with narration	mp4	mp4	mp4		PPT with narration	mp4	
Remark	This can be downloaded by the students. They will require Microsoft	<ul style="list-style-type: none"> ➤ Can extract the audio stream from video recording using Camtasia. 	<ul style="list-style-type: none"> ➤ Can extract the audio stream from video recording using Camtasia. 	<ul style="list-style-type: none"> ➤ Can extract the audio stream from video recording using Camtasia. ➤ PDF along with 		Convert the narration to mp4		

	office to be able to play the narration	<ul style="list-style-type: none"> ➤ PDF along with audio stream can be made available to students with low bandwidth. ➤ mp4 is a streamable format 	<ul style="list-style-type: none"> ➤ PDF along with audio stream can be made available to students with low bandwidth. ➤ mp4 is a streamable format 	<ul style="list-style-type: none"> audio stream can be made available to students with low bandwidth. ➤ mp4 is a streamable format 				
Content Hosting	<ul style="list-style-type: none"> ➤ Share the narration through google drive ➤ Link the drive file in Moodle OR ➤ Send it to students by email OR ➤ Upload it to Google Classroom 	<ul style="list-style-type: none"> ➤ Share the mp4 file by uploading it to your youtube channel ➤ Link the file from your Moodle course OR ➤ Make it available from Google Classroom 	<ul style="list-style-type: none"> ➤ Share the mp4 file by uploading it to your youtube channel ➤ Link the file from your Moodle course OR ➤ Make it available from Google Classroom 	<ul style="list-style-type: none"> ➤ Share the mp4 file by uploading it to your youtube channel ➤ Link the file from your Moodle course OR ➤ Make it available from Google Classroom 		<ul style="list-style-type: none"> ➤ Share the mp4 file by uploading it to your youtube channel ➤ Link the file from your Moodle course OR ➤ Make it available from Google Classroom 		
Live Interaction	<ul style="list-style-type: none"> ➤ Webex <p>How To videos: http://pmgasia.eurekasolutions.in/Cisco/WebEx_eDMs/v4/</p> <p>Adhoc meeting</p> <p>As a host for interactive session you could join a meeting by typing in the URL: <a href="https://iitrpr.webex.com/meet/<your email id>">https://iitrpr.webex.com/meet/<your email id> (If host email id is neeru@iitrpr.ac.in, the link will be https://iitrpr.webex.com/meet/neeru)</p> <p>The students / attendees will join the meeting by using the URL <a href="https://iitrpr.webex.com/join/<your email id>">https://iitrpr.webex.com/join/<your email id> (If host email id is neeru@iitrpr.ac.in, the link will be https://iitrpr.webex.com/join/neeru)</p>							

	➤ Google meet	
Content Archiving	Will be updated as soon as we can decide on the archiving strategies	
References:	On IITRPR website	External Links
	http://www.iitrpr.ac.in/moodle-quiz/index.html Moodle course on Technologies for online learning	Summary of useful links on IIT Mumbai website http://www.et.iitb.ac.in/online-Teaching/interaction.html
		You will find great tips for camtasia recording and Moodle www.teachertrainingvideos.com
		Blog to motivate you: https://www.techsmith.com/blog/
		You want to learn more about lecture recording, register here: https://www.techsmith.com/academy.html
		For a motivated content provider (Collaboration Tools) https://www.youtube.com/watch?v=DiWzJtOORm0 padelt AnswerGarden Google Docs

***Wacom:** It is a hardware device (Display tablet) connected to a computer, which can replace a monitor. It provides a surface for writing with a pen included in the product. We have 22 inch tablets which provides a large enough landscape to write on. You could view the youtube videos included in this course to get a feel of it.

****Document camera:** The cameras are mounted on a stand and are designed to capture what is being written on a piece of paper. One can zoom-in and out. The camera output can be recorded along with the audio using camtasia.

*****Camtasia:** Camtasia software is for screen recording. It takes screen, audio and video (optional) as inputs. The output is in mp4 format which can be uploaded to youtube and can be streamed. It provides tools for zoom in to a part of screen while recording, highlight part of the presentation and has a simple interface to edit the recording. One can add annotations post recording, if required. The software is a product by Techsmith and we have site license for the same.