



CEMCA



21 June- 05 July, 2021

# REPORT ON 2-WEEK FDP

DEVELOPING ONLINE COURSES FOR SWAYAM

Organized By

Uttarakhand Open University, Haldwani

In collaboration with

Commonwealth Educational Media Center for Asia, New Delhi

Cycle I

26 June - 05 July, 2021

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## **COURSE DESCRIPTION**

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SWAYAM stands for Study Webs of Active-Learning for Young Aspiring Minds is an Indian Massive Open Online Course (MOOC) platform. SWAYAM is an initiative launched by the Ministry of Human Resource Development, Government of India under Digital India to give a coordinated stage and free entry to web courses, covering all advanced education, High School and skill sector courses. As we realized from this COVID 19 pandemic situation and initiatives of Govt. of India for Online Education, there will be more need-based courses required in SWAYAM as well as for different institutional platform to provide better learning opportunities for youths. Hence, the teacher/course developers need to be trained on how to develop online courses in compliance with SWAYAM standard. The FDP is offered as MOOC, therefore the learner has to flexibility to access the course contents as per his/her convenience within the specified timeframe.

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## **ORGANIZED BY**

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This 2-week Faculty Development Program (FDP) was organised by School of Computer Science & IT & Online Program Cell of Uttarakhand Open University, Haldwani in collaboration with Commonwealth Educational Media Centre for Asia, New Delhi

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## **COURSE OBJECTIVES**

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Participants will be able to:

- Describe the Online Education and SWAYAM at a large.
- Prepare the proposal for Course development for SWAYAM as per the guidelines and seek funding for new and repurpose of course.
- Write contents in text format using various resources and Open Educational Resources.
- Deliver contents in the form of video using PPT, animations, illustrations, etc.
- Facilitate the learners through discussion forum.
- Develop assignments and quizzes for learner's formative and summative assessment.

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## **TARGET AUDIENCE**

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Teachers of any levels of Education and institutions may take this short-term online course which will help them to develop and design the MOOC appropriate for SWAYAM. After successful completion of this online course, one may able to develop a proposal as well as learn the process of development of SWAYAM course and their important components.

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## **LEARNING OUTCOMES**

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On the successful completion of this course learners are expected to create a MOOC for SWAYAM in their discipline using 4-quadrant approach. They are also expected to create digital content and deliver these through SWAYAM or other institutional LMS.

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## **COURSE CONTENT**

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### **Week One**

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#### **Topic I: Overview of Swayam**

Context, Status of SWAYAM, SW AYAM guidelines, Four Quadrant Approach, Proposal for SWAYAM Courses.

#### **Topic II: Quadrant-I (e-Tutorial)**

The first quadrant is direct teaching means not much of extra work by students, it could include teaching video, animation, PowerPoint presentation, Podcast and so on. All these depend on what the subject is and what the strategy adopted by the teacher to teach the students. The first quadrant is direct teaching means not much of extra work by students, it could include teaching video, animation, PowerPoint presentation, Podcast and so on. All these depend on what the subject is and what the strategy adopted by the teacher to teach the students.

#### **Topic III: Quadrant-II (e-Content)**

The second quadrant is an e-content which could include e-books, illustrations, Case studies, Open-source content, Reference link, further reading sources and so on.

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### **Week Two**

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#### **Topic IV: Quadrant-III (Discussion Forum)**

The third quadrant is about clearing student's queries. Discussion forum is a space where students can interact with other students and faculty to clarify their doubts. The discussion forum is like a doubt counter where any student or faculty can answer the question of a student.

#### **Topic V: Quadrant-IV (Assessment)**

The fourth quadrant is self-assessment to check what a student have studied and whether he/she is eligible to get certificate. It could be tests in the form of Multiple-Choice Questions (MCQs), or quiz or short answer questions, long answer questions, etc. The fourth quadrant also has Frequently Asked Question (FAQs) and their answers to clarify common misconceptions among students.

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## **CERTIFICATE**

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A completion certificate issued jointly by UOU and CEMCA will be available based on your level of participation and completion of tasks/activities: requires 60% on each quiz and participation in discussion forum.

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## **DURATION AND MEDIUM**

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It's a 2 Weeks course which is offered in English.

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## **INSTRUCTORS**

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<b>Dr. Manas R. Panigrahi</b> Sr. Programme Officer (Education) Commonwealth Educational Media Centre for Asia	<b>Dr. Jeetendra Pande</b> Associate Professor- Comp. Sc., Dy. Director, Online Program Cell Uttarkhand Open University
<b>Dr. Anirban Ghosh</b> Professor & Director, CIQA Netaji Subahs Open University	<b>Dr. G. Mythili</b> Deputy Director, STRIDE IGNOU, New Delhi
<b>Late. Dr. Nisha Singh</b> (Lectures recorded by Dr. Nisha are the part of this MOOC) Dy. Director, Centre for Online Education, Indira Gandhi National Open University, India	

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## **COURSE DESIGN AND DEVELOPMENT**

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Dr. Manas R. Panigrahi  
Sr. Programme Officer (Education)  
Commonwealth Educational Media Centre for Asia, India  
E-mail: mpanigrahi@col.org

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## **COURSE COORDINATOR**

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Dr. Jeetendra Pande  
Associate Professor- Computer Science  
Uttarakhand Open University, Haldwani  
E-mail: jpande@uou.ac.in

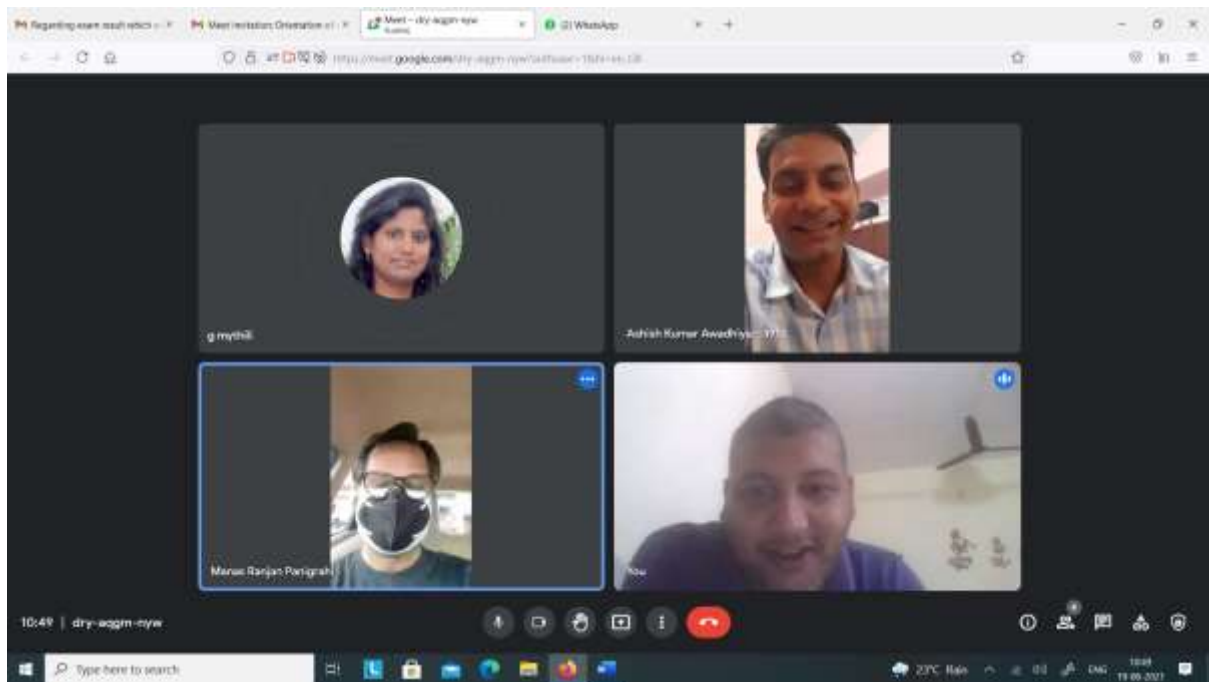
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## **ORIENTATION OF THE MENTORS AND THE INSTRUCTORS**

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An online orientation session for all the instructors and the mentors was conducted on 19<sup>th</sup> June at 11:00 am. Dr. Manas Ranjan Panigrahi, Sr. Program Officer-CEMCA, Dr. G. Mythali Deputy Director- Stride-IGNOU, Mr. Ashish Kumar Awadhiya- Astd. Director- Centre for Online Education-IGNOU and Dr. Jeetendra Pande, Associate Professor- Computer Science, Uttarakhand Open University attended the session.

Dr. Jeetendra Pande, the course coordinator of the FDP program briefed about the UOU's MOODLE based LMS through which the course is offered. He also informed that two online live discussion sessions are also planned on weekends. The experts advised to conduct the live session at evening hrs keeping the engagement of the participants in the day hrs. It was decided to conduct the live discussion session through ZOOM platform at 18:00 Hrs on 26 June 2021 and 03 July, 2021. The login credentials were shared with the experts and mentors via email.



**FIGURE 1: ORIENTATION OF MENTORS**

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## **INAUGURAL SESSION**

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The inaugural session was conducted on 21<sup>st</sup> June, 2021 at 11:00 AM through online mode on ZOOM. More than 300 participants attended the session. Dr. Manas Ranjan Panigrahi- Sr. Program Officer, CEMCA welcomed all the participants and gave an overview of the program.



**FIGURE 2: WELCOME ADDRESS**

It was followed by the speech of Prof. Madhu Parhar- Director, CEMCA where informed that SWAYAM requires more than 10000 courses in the near future and these courses are to be developed by the teachers of Higher Education Institutions. She stressed on the importance of creating awareness about creating online courses for SWAYAM



**FIGURE 3: ADDRESS BY PROF. MADHU PARHAR**

Prof. Durgesh Pant, Director- School of Computer Science & IT, UOU said this program shall pave towards making a truly techno-centric educational ecosystem.



**FIGURE 4: ADDRESS BY PROF. DURGESH PANT**

The chief guest of the inaugural session Prof. OPS Negi, Vice Chancellor- Uttarakhand Open University said MOOC are important because it allows learners from the varied geographical background an access to the high-quality educational content. Therefore, this type of FDP programs is specially important for developing capacity of the teacher of the higher education institution to develop online courses.



**FIGURE 5: ADDRESS BY THE CHAIRMAN OF THE INAUGURALS SESSION**

Dr. Jeetendra Pande, Course Coordinator of this FDP program delivered the vote of thanks to all the dignitaries and the participants.



**FIGURE 6: PANELIST AND PARTICIPANTS**





**FIGURE 7: VOTE OF THANKS BY DR. JEETENDRA PANDE**

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### **Details about the Courses**

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UOU offered 2-week online FDP program from 21 June to 05 July, 2021 through MOODLE platform.

Course materials were designed and developed by Dr. Manas Ranjan Panigrahi, Sr. Program Officer, Commonwealth Educational Media Centre for Asia, New Delhi and his team from IGNOU, UOU, NSOU.

The content includes video lectures, power point presentation, transcripts, etc were uploaded and placed in the sequential manner and provided navigation for easy access. Details about the course are given below:

**TABLE 1: COURSE DETAILS**

<b>Courses</b>	<b>Start Date</b>	<b>End Dates</b>	<b>No of Topics</b>	<b>No of Instructors</b>
Development of Online Courses for SWAYAM	21-06-2021	05-07-2021	17	6 including Dr. Manas

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### **Participants Registration and Participation**

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Initially, UOU announces the courses details in the University website, Social Media platforms like Facebook, LinkedIn, etc. and invited the participants for registration through google form. After removing the duplicate entries, total 1476 participants registered for the FDP program. To

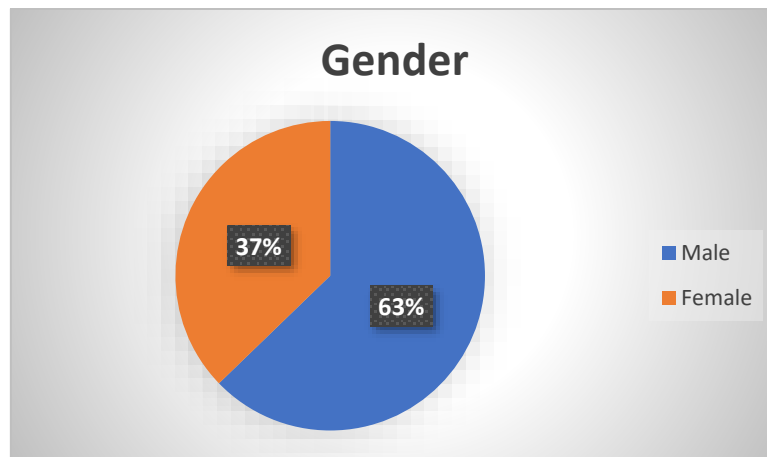
facilitate the registration on the course portal, the organizers created the login for the participants and the credentials were sent to them along with instruction through registered email. Out of total 1476 participants who registered for the course, 646 participants never logged in to the portal. So, there were 830 participants who registered for the course and logged in to the course portal for at least once.

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## Gender

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It is evident that out of 1476 participants, 1052 (63%) were male and 624 (37%) were female. This reveals that more male participants registered in the course as compared to the female participants.



**FIGURE 8: SHOWS PERCENTAGE OF MALE AND FEMALE PARTICIPANTS**

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## MONITORING THE PROGRESS OF PARTICIPANTS USING LOG REPORT OF MOODLE

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Log Report of MOODLE shows activity within the course. It allows teachers to see what course material and activity are being used and when by the participants. For example, a teacher can check that an individual participant has viewed the course material for that week or topic they declare to have read, and how long. This helps the teacher to monitor the participants and motivate them to take part in the course. The log reports of the 2-week FDP on Developing Online Course for SWAYAM offered by the UOU have analysed and the data are given in the following sections.

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### Learning Objectives viewed by the Participants

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Learning objectives are statements which describe the expected outcome of a curriculum, course, lesson or activity in terms of demonstrable skills or knowledge that will be acquired by the participants after completing the course. The figure shows that the number of participants accessed the learning objectives of the FDP programme which was listed under the FDP announcement. There is total 788 views by 410 users. It is important that the participants should view the learning objectives to know the outcomes of the course.

## Course materials viewed by the participants

Course materials are most essential component for online courses. Participants learn from this content to enrich themselves. The content should be interesting as the teacher is away from them. Since the course access through devices, the content should be enriching with multimedia component to retain the attention of the participants. This course has seventeen topics and has videos, pdf of transcript and ppt files for content. The participants have accessed the content to learn the course.

The first module of the FDP program is “Overview of SWAYAM” and the instructor for this module is Dr. Manas Ranjan Panigrahi, Sr. Program Office- Education, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi. The video lecture is viewed 1268 time by total 535 users. The PPT for this lecture is viewed 991 times by 448 users and the transcript is viewed 756 times by 368 users.

### Overview of SWAYAM

Overview of SWAYAM[Click here to access the Video Lecture]	1268 views by 535 users	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
PPT	991 views by 448 users	Sunday, 18 July 2021, 8:15 PM (9 hours 43 mins)
Transcript 1	756 views by 368 users	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)

The second module is “Learning through SWAYAM” and the instructor for this module is Dr. Manas Ranjan Panigrahi, Sr. Program Office- Education, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi. The video lecture is viewed 822 time by total 489 users. The PPT for this lecture is viewed 648 times by 348 users and the transcript is viewed 482 times by 272 users.

### Learning through SWAYAM

Learning through SWAYAM[Click here to access the Video Lecture]	822 views by 489 users	Sunday, 18 July 2021, 9:24 PM (8 hours 34 mins)
PPT	648 views by 348 users	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
Transcript 2	482 views by 272 users	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)

The third module is “Teaching through SWAYAM” and the instructor for this module is Dr. Manas Ranjan Panigrahi, Sr. Program Office- Education, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi. The video lecture is viewed 806 time by total 473 users. The PPT for this lecture is viewed 566 times by 323 users and the transcript is viewed 409 times by 249 users.

### Teaching Through SWAYAM

Teaching Through SWAYAM[Click here to access the Video Lecture]	806 views by 473 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
PPT	566 views by 323 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
Transcript 3	409 views by 249 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)

The fourth module is “Developing proposal for MOOC in SWAYAM” and the instructor for this module is Dr. Manas Ranjan Panigrahi, Sr. Program Office- Education, Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi. The video lecture is viewed 803 time by total 461 users. The PPT for this lecture is viewed 545 times by 307 users and the transcript is viewed 407 times by 254 users.

### Developing Proposal for MOOC in SWAYAM

Developing Proposal for MOOC in SWAYAM[Click here to access the Video Lecture]	803 views by 461 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
PPT	545 views by 307 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
Transcript 4	407 views by 254 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)

The fifth module is “e-Tutorial: Part 1” and the instructor for this module is Late Dr. Nisha Singh, Deputy Director- Centre for Online Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 788 time by total 446 users. The PPT for this lecture is viewed 734 times by 353 users and the transcript is viewed 533 times by 281 users.

### e-Tutorial: Part 1

e-Tutorial: Part 1[Click here to access the Video Lecture]	788 views by 446 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)
PPT	734 views by 353 users	-	Sunday, 18 July 2021, 9:01 PM (8 hours 57 mins)
Transcript 1	533 views by 281 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 47 mins)

The sixth module is “e-Tutorial: Part 2” and the instructor for this module is Late Dr. Nisha Singh, Deputy Director- Centre for Online Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 659 time by total 432 users. The PPT for this lecture is viewed 481 times by 274 users and the transcript is viewed 340 times by 210 users.

### e-Tutorial: Part 2

e-Tutorial: Part 2[Click here to access the Video Lecture]	659 views by 432 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
PPT	481 views by 274 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
Transcript	340 views by 210 users	-	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)

The seventh module is “e-Tutorial: Part 3” and the instructor for this module is Late Dr. Nisha Singh, Deputy Director- Centre for Online Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 641 time by total 428 users. The PPT for this lecture is viewed 456 times by 265 users and the transcript is viewed 364 times by 208 users.

**e-Tutorial: Part 3**

 e-Tutorial: Part 3[Click here to access the Video Lecture]	641 views by 428 users -	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
 PPT	456 views by 265 users -	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
 Transcript	364 views by 208 users -	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)

The eighth module is “e-Tutorial: Part 4” and the instructor for this module is Late Dr. Nisha Singh, Deputy Director- Centre for Online Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 788 time by total 446 users. The PPT for this lecture is viewed 734 times by 353 users and the transcript is viewed 533 times by 281 users.

**e-Tutorial: Part 4**

 e-Tutorial: Part 4[Click here to access the Video Lecture]	725 views by 423 users -	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
 PPT	553 views by 275 users -	Sunday, 18 July 2021, 8:11 PM (9 hours 46 mins)
 Transcript	382 views by 211 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The ninth module is “Design and Development of e-content: Part 1” and the instructor for this module is Dr. Jeetendra Pande, Associate Professor- Computer Science, Uttarakhand Open University, Haldwani. The video lecture is viewed 769 time by total 411 users. The PPT for this lecture is viewed 489 times by 244 users and the transcript is viewed 293 times by 177 users.

**Design and Development of e-content: Part 1**

 Design and Development of e-content: Part 1[Click here to access the Video Lecture]	769 views by 411 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 PPT	489 views by 244 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Transcript	293 views by 177 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The tenth module is “Design and Development of e-content: Part 2” and the instructor for this module is Dr. Jeetendra Pande, Associate Professor- Computer Science, Uttarakhand Open University, Haldwani. The video lecture is viewed 603 time by total 406 users. The PPT for this lecture is viewed 395 times by 231 users and the transcript is viewed 286 times by 184 users.

## Design and Development of e-content: Part 2

 Design and Development of e-content: Part 2[Click here to access the Video Lecture]	603 views by 406 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 PPT	395 views by 231 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Transcript	286 views by 194 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The eleventh module is “Design and Development of e-content: Part 3” and the instructor for this module is Dr. Jeetendra Pande, Associate Professor- Computer Science, Uttarakhand Open University, Haldwani. The video lecture is viewed 602 time by total 397 users. The PPT for this lecture is viewed 398 times by 216 users and the transcript is viewed 327 times by 209 users.

## Design and Development of e-content: Part 3

 Design and Development of e-content: Part 3[Click here to access the Video Lecture]	602 views by 397 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Development of e-content for Online Course	398 views by 216 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Transcript	327 views by 209 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The twelfth module is “Discussion Forum: Part 1” and the instructor for this module is Dr. Anirban Ghosh, Professor and Director- School of Professional Studies, Netaji Subhas Open University, Kolkata. The video lecture is viewed 680 time by total 382 users. The transcript is viewed 409 times by 202 users.

## Discussion Forum: Part 1

 Discussion Forum: Part 1[Click here to access the Video Lecture]	680 views by 382 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Transcript	409 views by 202 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The thirteenth module is “Discussion Forum: Part 2” and the instructor for this module is Dr. Anirban Ghosh, Professor and Director- School of Professional Studies, Netaji Subhas Open University, Kolkata. The video lecture is viewed 568 time by total 375 users. The transcript is viewed 259 times by 169 users.

## Discussion Forum: Part 2

 Discussion Forum: Part 2[Click here to access the Video Lecture]	568 views by 375 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)
 Transcript	259 views by 169 users	-	Sunday, 18 July 2021, 8:12 PM (9 hours 46 mins)

The fourteenth module is “Discussion Forum: Part 3” and the instructor for this module is Dr. Anirban Ghosh, Professor and Director- School of Professional Studies, Netaji Subhas Open University, Kolkata. The video lecture is viewed 536 time by total 372 users. The transcript is viewed 270 times by 175 users.

### Discussion Forum: Part 3

 Discussion Forum: Part 3[Click here to access the Video Lecture]	536 views by 372 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)
 Transcript	270 views by 175 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)

The fifteenth module is “Assessment: Part 1” and the instructor for this module is Dr. G.Mythili, Deputy Director, Staff Training and Research Institute of Distance Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 551 time by total 372 users. The transcript is viewed 296 times by 181 users.

### Assessment: Part 1

 Assessment: Part 1[Click here to access the Video Lecture]	551 views by 372 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)
 Transcript	296 views by 181 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)

The sixteenth module is “Assessment: Part 2” and the instructor for this module is Dr. G.Mythili, Deputy Director, Staff Training and Research Institute of Distance Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 525 time by total 371 users. The transcript is viewed 283 times by 170 users.

### Assessment: Part 2

 Assessment: Part 2[Click here to access the Video Lecture]	525 views by 371 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)
 Transcript	283 views by 170 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)

The seventeenth module is “Assessment: Part 3” and the instructor for this module is Dr. G.Mythili, Deputy Director, Staff Training and Research Institute of Distance Education, Indira Gandhi National Open University, New Delhi. The video lecture is viewed 534 time by total 366 users. The transcript is viewed 302 times by 186 users.

### Assessment: Part 3

 Assessment: Part 3[Click here to access the Video Lecture]	534 views by 366 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)
 Transcript	302 views by 186 users -	Sunday, 18 July 2021, 8:12 PM (9 hours 45 mins)

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## Activities Completed by the Participants

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Both synchronous and asynchronous activities should incorporate in the online course to encourage the participants to interact with peer group as well teachers. The following table shows the activities such as discussion forum and chat completed by the participants. It is appreciated that the participants were participated the chat which was live activity facilitate to interact with peer and teacher.

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## Participation in Asynchronous Discussion forum

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There are 344 unique threads created by the participants which are answered by mentors, instructors and other participants. The discussion forum has 10,326 views by 546 users.



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## Participation in Live Synchronous Discussion forum

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Two live sessions were conducted on:

1. 26th June, 2021 at 18:00 Hrs, and
2. 3rd July, 2021 at 18:00 Hrs.

These sessions were conducted through ZOOM sessions and were attended by 250+ participants and the following experts were present online to answer the queries of the participants.

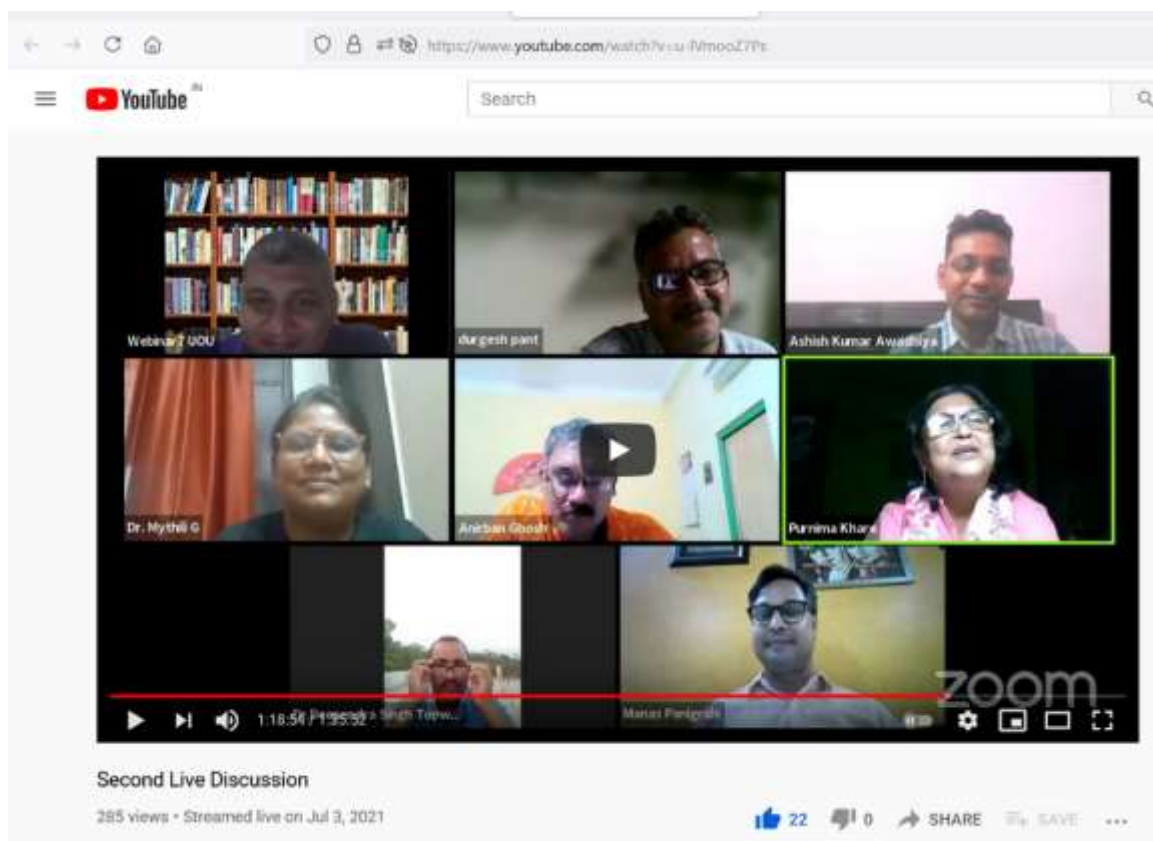
1. Dr. Manas Ranjan Panigrahi, CEMCA
2. Dr. Jeetendra Pande, UOU
3. Prof. Durgesh Pant, UOU
4. Prof. Anirban Ghosh, NSOU
5. Dr. G. Mythali IGNOU
6. Mr. Ashish Kumar Awadhiya, IGNOU

The first live session held on 26<sup>th</sup> June, 2021 was attended by 250+ participants through ZOOM and the session was broadcasted on Youtube. The recorded was uploaded on the course page which has 287 views till 20<sup>th</sup> July, 2021.





The second live session held on 3<sup>rd</sup> July, 2021 was attended by 141+ participants through ZOOM and the session was broadcasted on Youtube. The recorded was uploaded on the course page which has 285 views till 20<sup>th</sup> July, 2021.



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## Quizzes

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The course has four quizzes and it was mandatory to score 60% or more in all the four quizzes individually in unlimited attempts. The quiz consists of MCQ type of assessment with no negative marking.

S. No.	Quiz	No. of questions	Total time	Max. Score	Min. max to clear the quiz
1	Quiz 1	25	25 mins	25	15
2	Quiz 2	15	15 mins	15	09
3	Quiz 3	10	10 mins	06	10
4	Quiz 4	25	25 mins	15	25

Quiz 1 was released on 24<sup>th</sup> June, 2021 which has total 7079 views by 523 users. Total number of attempts for Quiz 1 is 1096.

QUIZ 1

Quiz 1[Click here to access the Quiz] 7079 views by 523 users Monday, 19 July 2021, 6:05 PM (40 mins)

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Quiz 1[Click here to access the Quiz]

**Opened:** Thursday, 24 June 2021, 12:00 AM

**Done:** View **To do:** Receive a grade **To do:** Receive a pass grade

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Time limit: 25 mins  
Grading method: Highest grade  
Grade to pass: 15.00 out of 25.00


Attempts: 1096

[Attempt quiz now](#)

Quiz 2 was released on 25<sup>th</sup> June, 2021 which has total 3835 views by 453 users. Total number of attempts for Quiz 2 is 636.

QUIZ 2

Quiz 2[Click here to access the Quiz] 3835 views by 453 users Monday, 19 July 2021, 5:32 PM (1 hour 10 mins)

Quiz 2[Click here to access the Quiz] 

**Opened:** Friday, 25 June 2021, 12:00 AM

**Done:** View **To do:** Receive a grade **To do:** Receive a pass grade

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Time limit: 15 mins

Grading method: Highest grade


Grade to pass: 9.00 out of 15.00

Attempts: 636

Attempt quiz now

Quiz 3 was released on 28<sup>th</sup> June, 2021 which has total 2823 views by 417 users. Total number of attempts for Quiz 3 is 513.

 Quiz 3 2823 views by 417 users Monday, 19 July 2021, 6:09 PM (14 mins 1 sec)

Quiz 3 

**Opened:** Monday, 28 June 2021, 12:00 AM

**Done:** View **To do:** Make attempts: 1 **To do:** Receive a grade **To do:** Receive a pass grade or complete all available attempts

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Time limit: 10 mins

Grading method: Highest grade

Grade to pass: 6.00 out of 10.00


Attempts: 513

Attempt quiz now

Quiz 4 was released on 30<sup>th</sup> June, 2021 which has total 3494 views by 412 users. Total number of attempts for Quiz 4 is 635.

### QUIZ 4

 Quiz 4 3494 views by 412 users Monday, 19 July 2021, 6:28 PM (15 mins 3 sec)

Quiz 4 

**Opened:** Wednesday, 30 June 2021, 12:00 AM

**Done:** View **To do:** Receive a grade **To do:** Receive a pass grade

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Time limit: 25 mins

Grading method: Highest grade

Grade to pass: 15.00 out of 25.00

Attempts: 635

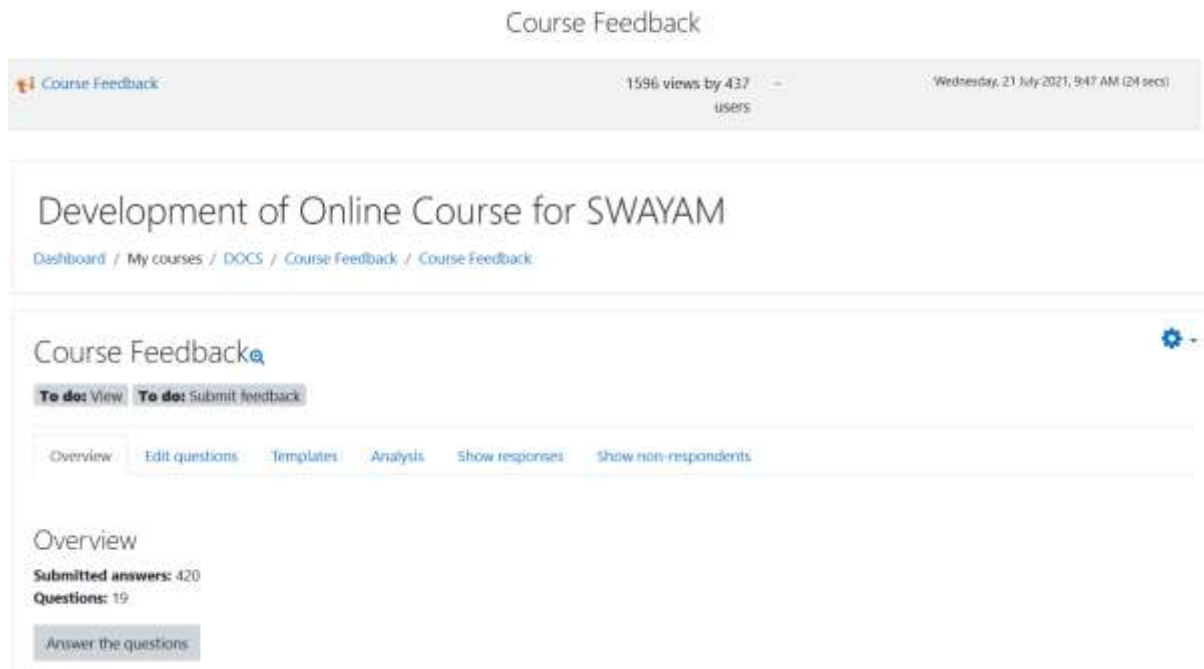
Attempt quiz now

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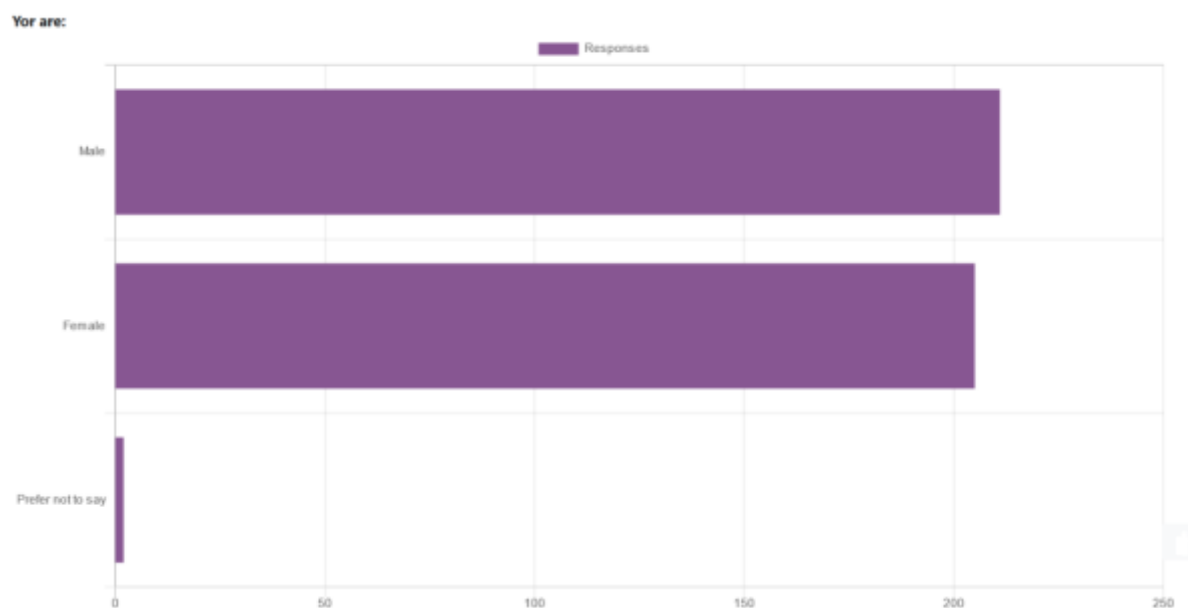
## Feedback

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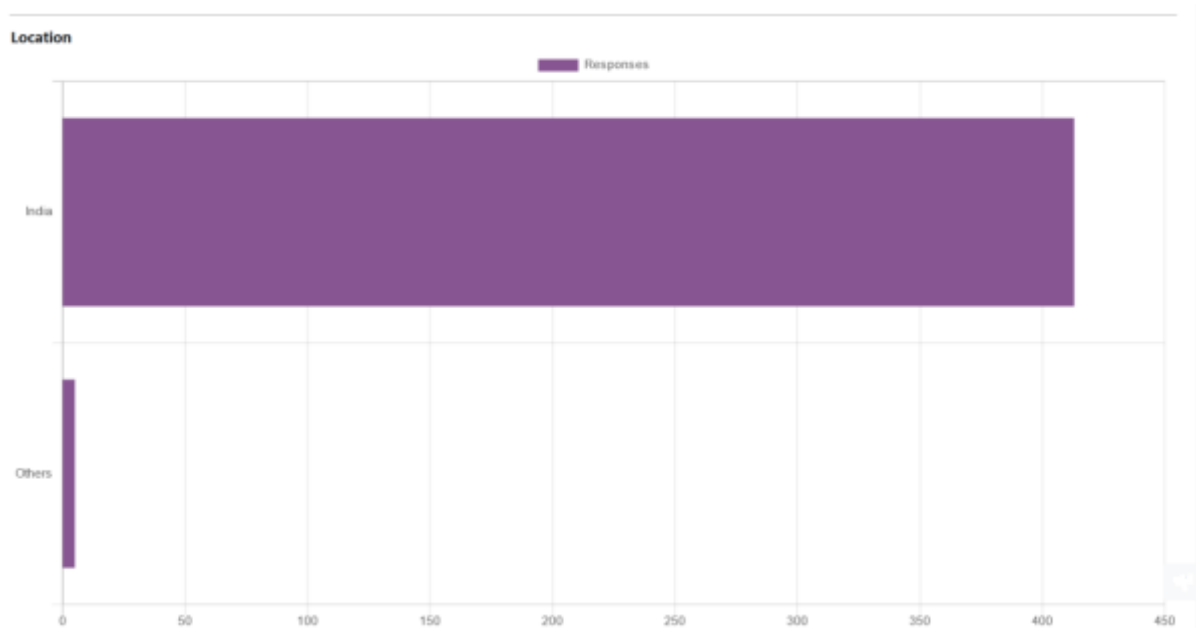
After the completion of the FDP, all the participants have to fill the feedback form. The Course Feedback activity was viewed 1596 times by 437 users and the feedback form was filled by 420 participants.



Out of total 420 respondents, 212 (50.48 %) participants are Male, 206 (49.05 %) are Female and 2 (0.48 %) participants did not prefer not to disclose their gender. Interestingly the course has nearly equal representation from Male and Female.



Most of the participants were from India 415 (98.81 %). Interestingly there are 5 (1.19 %) participants outside India (Sri Lanka, Bangladesh and Uganda).

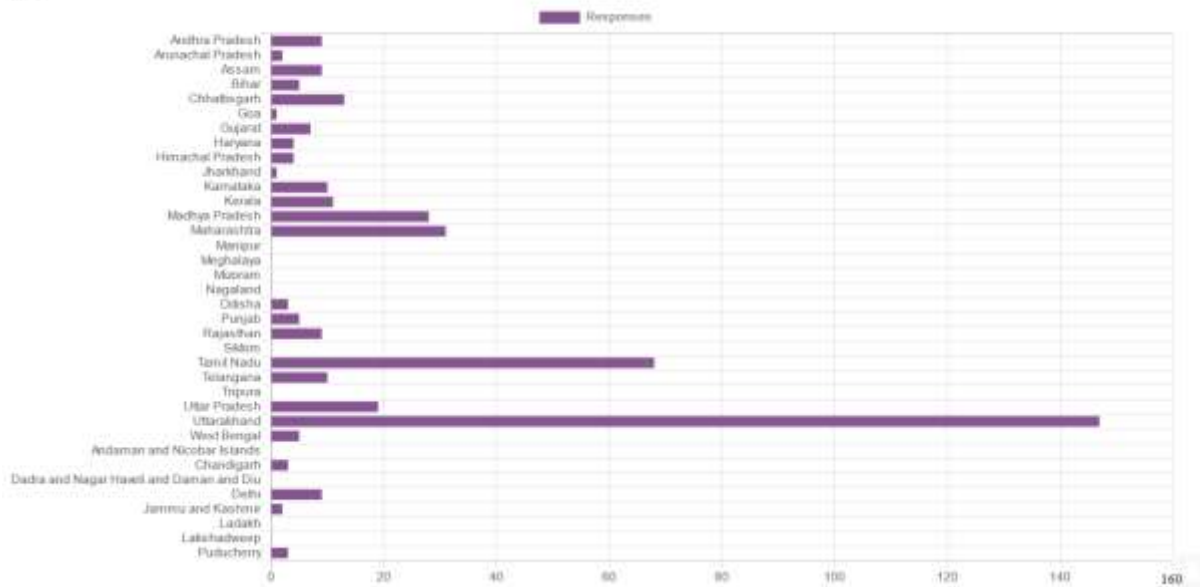


The course has participation from almost all the States and Union Territories except Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Andman and Nicobar Islands, Dadra and Nagar Haveli and Daman and Diu, and Ladakh. The details of the representation from each Indian States and Union Territories are as follows:

<b>Andhra Pradesh</b>	9 (2.14 %)
<b>Arunachal Pradesh</b>	2 (0.48 %)
<b>Assam</b>	9 (2.14 %)
<b>Bihar</b>	5 (1.19 %)
<b>Chhattisgarh</b>	13 (3.10 %)
<b>Goa</b>	1 (0.24 %)
<b>Gujarat</b>	7 (1.67 %)
<b>Haryana</b>	4 (0.95 %)
<b>Himachal Pradesh</b>	4 (0.95 %)
<b>Jharkhand</b>	1 (0.24 %)
<b>Karnataka</b>	10 (2.38 %)
<b>Kerala</b>	11 (2.62 %)

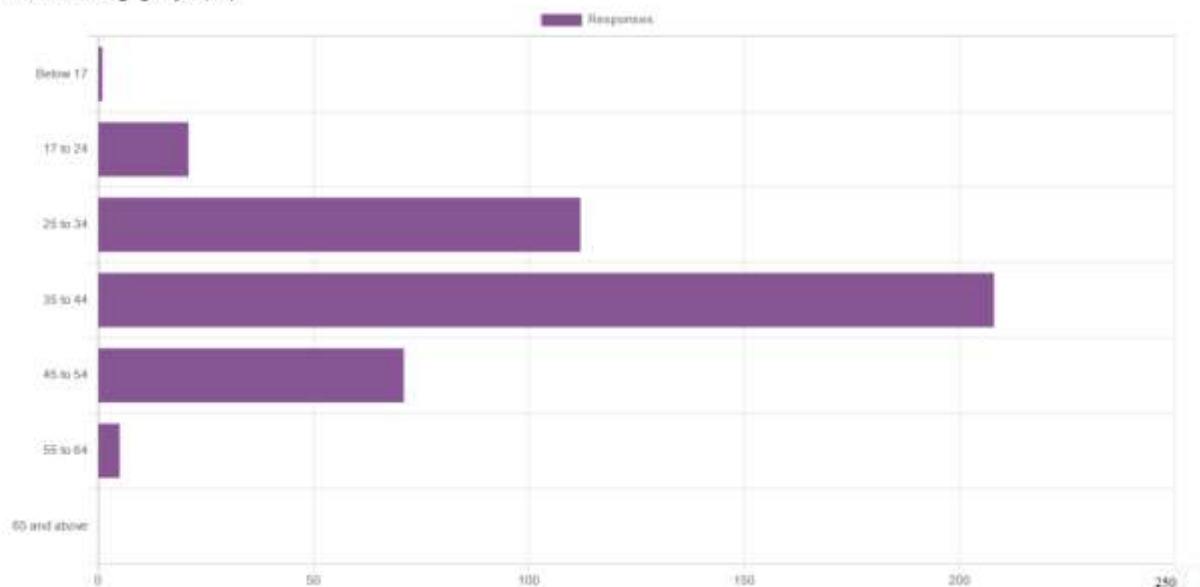
<b>Madhya Pradesh</b>	28 (6.67 %)
<b>Maharashtra</b>	31 (7.38 %)
<b>Manipur</b>	0
<b>Meghalaya</b>	0
<b>Mizoram</b>	0
<b>Nagaland</b>	0
<b>Odisha</b>	3 (0.71 %)
<b>Punjab</b>	5 (1.19 %)
<b>Rajasthan</b>	9 (2.14 %)
<b>Sikkim</b>	0
<b>Tamil Nadu</b>	68 (16.19 %)
<b>Telangana</b>	10 (2.38 %)
<b>Tripura</b>	0
<b>Uttar Pradesh</b>	20 (4.76 %)
<b>Uttarakhand</b>	148 (35.24 %)
<b>West Bengal</b>	5 (1.19 %)
<b>Andaman and Nicobar Islands</b>	0
<b>Chandigarh</b>	3 (0.71 %)
<b>Dadra and Nagar Haveli and Daman and Diu</b>	0
<b>Delhi</b>	9 (2.14 %)
<b>Jammu and Kashmir</b>	2 (0.48 %)
<b>Ladakh</b>	0
<b>Lakshadweep</b>	0
<b>Puducherry</b>	3 (0.71 %)

State



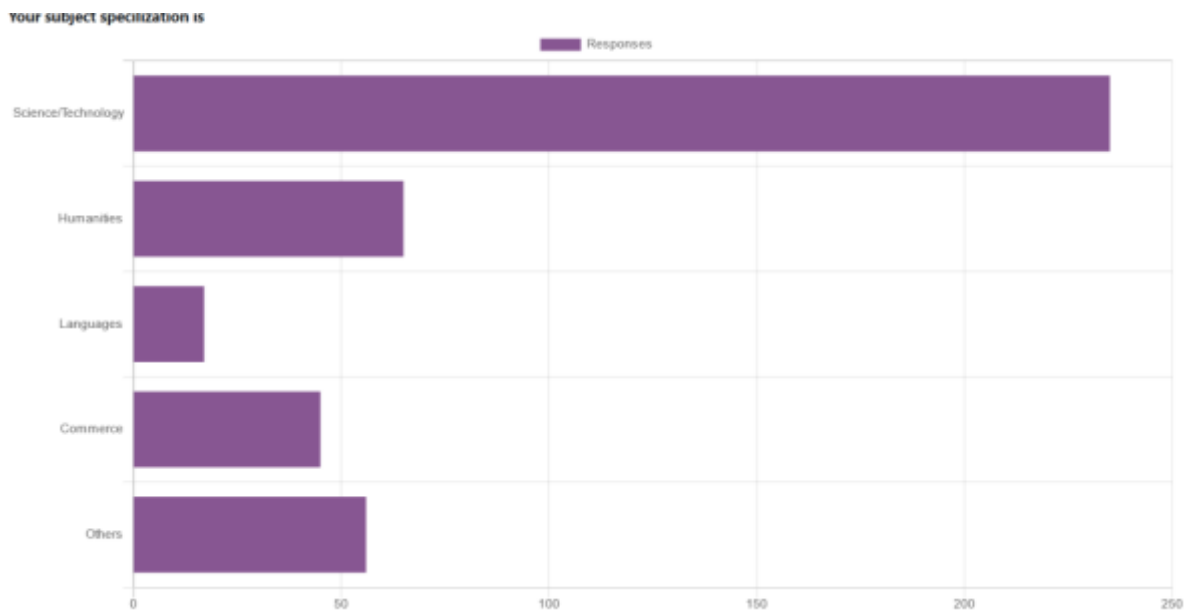
The data revealed that most of the Respondents 208 (49.52 %) are in the age group under 35 to 44, while about one forth 113 (26.90 %) are between 25 to 34 age group, followed by 71 (16.90 %) participants from 45 to 54 age group. 55 to 64 age group have 5 (1.19 %) respondents. Interestingly there is only 11 (0.24 %) participants for below 17 age group and no participation from above 65 age group.

You are in the age group of (Yrs)

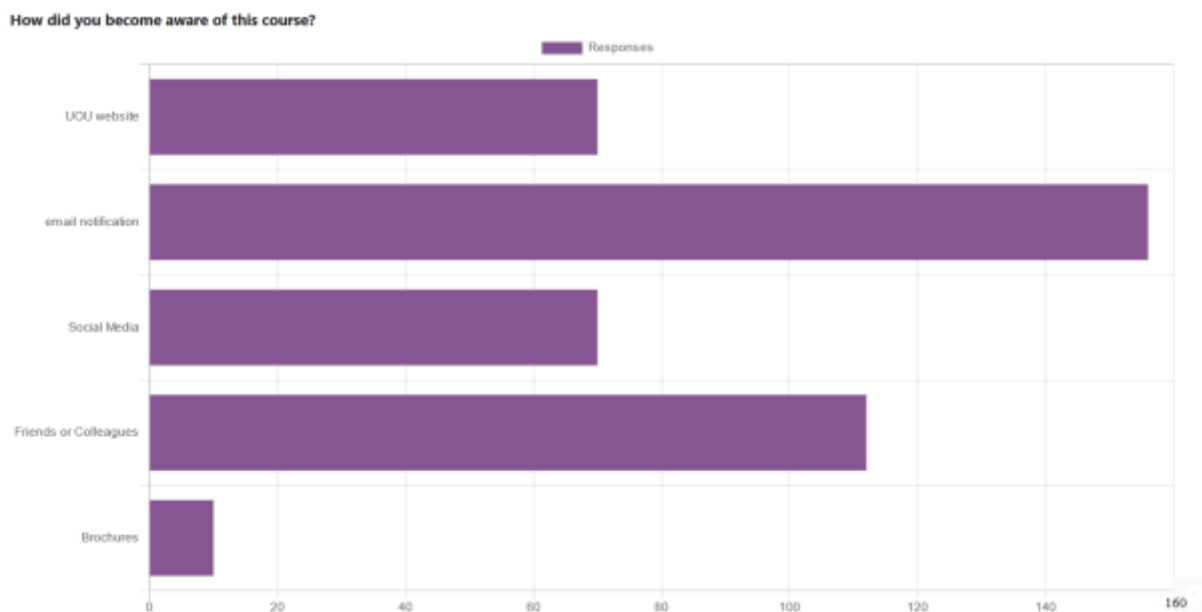


The data revealed that more than half of the faculty respondents 237 (56.43 %) were from Science/Technology discipline, while 65 (15.48 %) of them were from Humanities. Commerce

discipline is covered by only 45 (10.71 %) respondents. The least number of respondents 17 (4.05 %) are from Languages. There are 56 (13.33 %) respondents from Others discipline.

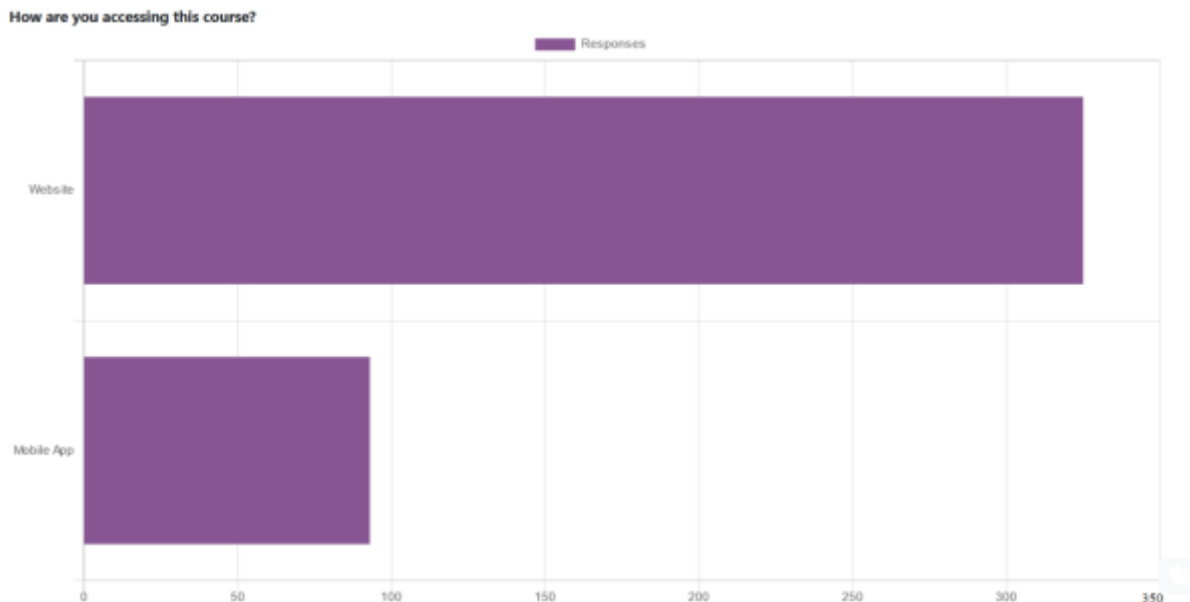


Out of total 420 respondents, 70 (16.67 %) of the respondents came to know about this course through UOU website, 157 (37.38 %) through email notification, 70 (16.67 %) through Social-Media, 113 (26.90 %) through Friends or Colleagues and 10 (2.38 %) through Brochures.

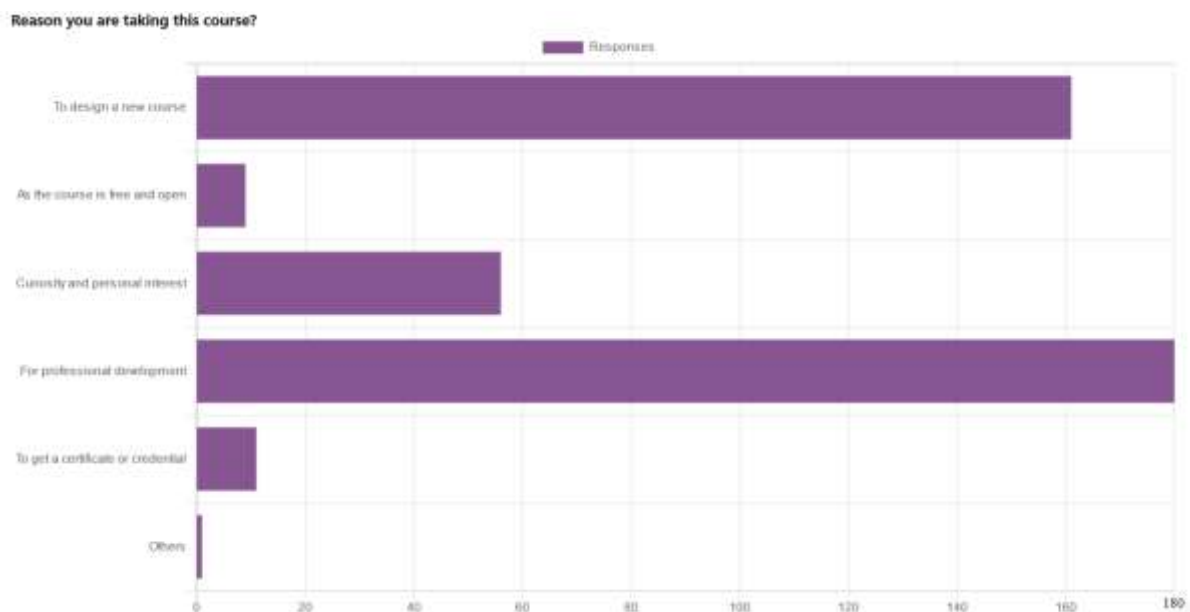




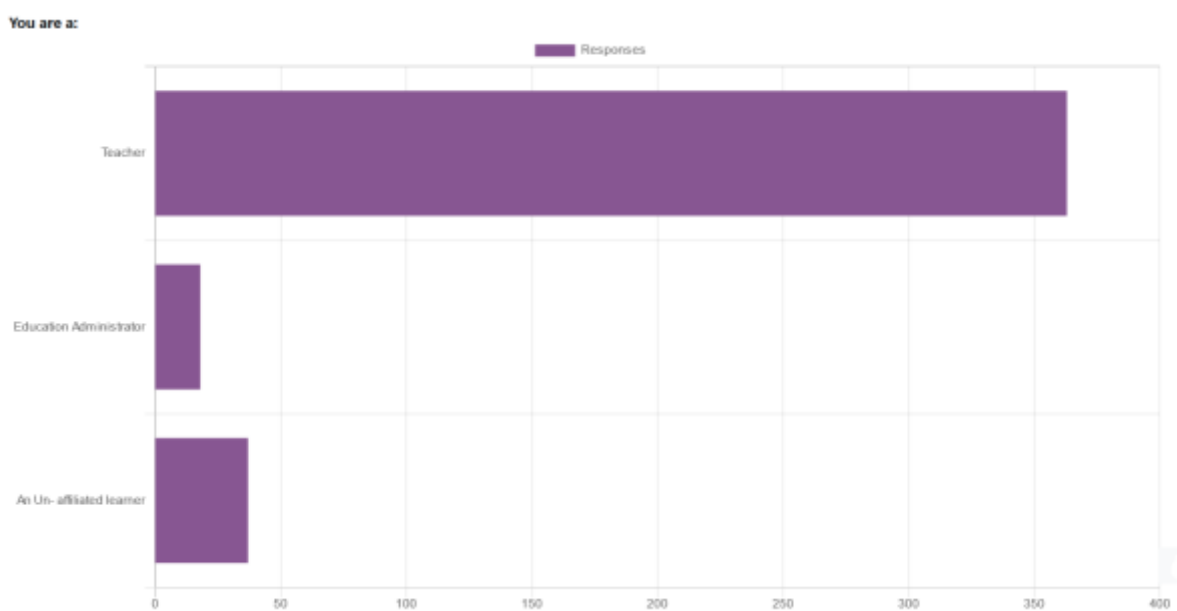
The course was also available through MOODLE app, which can be downloaded from Google Play Store. Out of total 420 respondents, 327 (77.86 %) attended the FDP through website elearning2.uou.ac.in and 93 (22.14 %) attended through Mobile App.



It is interesting to know the reason for taking this FDP program by the participants. Out of total 420 respondents, 161 (38.33 %) participants attended this FDP to design a new course, 9 (2.14 %) attended this FDP as the course is free and open, 57 (13.57 %) attended out of Curiosity and personal interest, Maximum number 181 (43.10 %) of respondents attended for professional development, 11 (2.62 %) attended to get a certificate or credentials and remaining 1 (0.24 %) has Other reasons.



The FDP program was not only attended by the Teachers 364 (86.67 %) but a good number of un-affiliated learners 37 (8.81 %) and education administrator 19 (4.52 %) also attended this FDP.

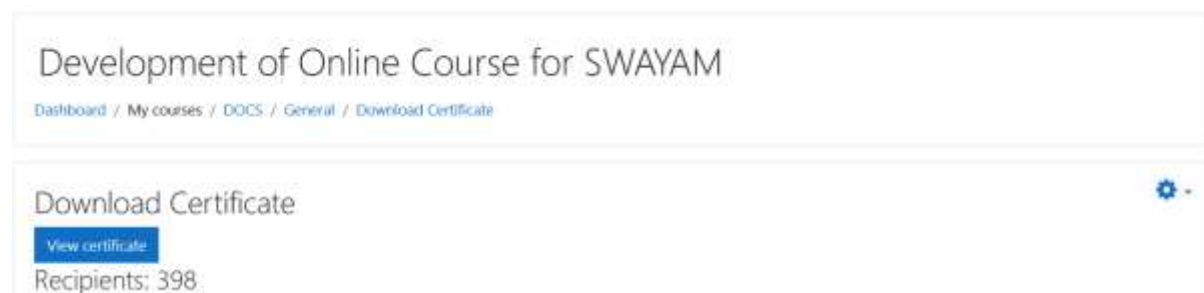


The respondents were asked questions pertaining to the attainment of the learning objectives of the FDP program and the items were measured and analysed on a 5-point scale from 1 for strongly disagree, 2 for disagree, 3 for neutral, 4 for agree, and 5 for strongly agree.

Questions	N	Strongly Agree (5)	Agree (4)	Undecided (3)	Disagree (2)	Strongly Disagree (1)	Average
I am able to describe the Online Education and SWAYAM at a large.	420	263 (62.62 %)	150 (35.71 %)	4 (0.95 %)	1 (0.24 %)	2 (0.48 %)	4.6
I am able to develop assignments and quizzes for learner's formative and summative assessment.	420	242 (57.62 %)	167 (39.76 %)	9 (2.14 %)	0	2 (0.48 %)	4.54
I can facilitate the learners through Discussion Forum.	420	240 (57.14 %)	171 (40.71 %)	7 (1.67 %)	0	2 (0.48 %)	4.54
I am able to deliver contents in the form of video using PPT, animations, illustrations, etc.	420	251 (59.76 %)	154 (36.67 %)	9 (2.14 %)	3 (0.71 %)	3 (0.71 %)	4.54
Write contents in text format using various resources and Open Educational Resources (OERs)	420	210 (50.00 %)	185 (44.05 %)	20 (4.76 %)	3 (0.71 %)	2 (0.48 %)	4.42
I can prepare the proposal for Course development for SWAYAM as per the guidelines and seek funding for new and repurpose of course and seek funding for new and repurpose of course.	420	172 (40.95 %)	200 (47.62 %)	42 (10.00 %)	3 (0.71 %)	3 (0.71 %)	4.27
If requires, I can create a MOOC for SWAYAM in my discipline using 4 quadrant approach.	420	207 (49.29 %)	183 (43.57 %)	25 (5.95 %)	1 (0.24 %)	4 (0.95 %)	4.4

The average responses of the respondents follow between 4.60 to 4.27 which indicated positive agreement of them towards the items related to learning outcomes. Most of the respondents reported that the after the completion of the FDP program they are able to describe the Online Education and SWAYAM at a large (average: 4.6). They reported positively that they are able to develop assignments and quizzes for learner's formative and summative assessment (average: 4.54). The participants can facilitate the learners through Discussion Forum (average: 4.54). Additionally, the respondents reported that they are able to deliver contents in the form of video using PPT, animations, illustrations, etc. (average: 4.54). Notably, respondents admitted that they are able to write contents in text format using various resources and Open Educational Resources (OERs) (average: 4.42). Respondents reported that they can prepare the proposal for Course development for SWAYAM as per the guidelines and seek funding for new and repurpose of course and seek funding for new and repurpose of course (average: 4.27). Similarly, they accepted that, ff requires, they can create a MOOC for SWAYAM in my discipline using 4 quadrant approach (average: 4.42).

After completing all the mandatory requirements for successfully completing the FDP program, 398 participants downloaded the certificate.



## Key Persons for the FDP Program



**CHIEF PATRON**  
Prof. O.P.S. Negi  
Hon'ble Vice Chancellor  
Uttarakhand Open University



**CONVENER**  
Prof. Durgesh Pant  
Director- School of CS & IT,  
UOU



**COURSE COORDINATOR**  
Dr. Jeetendra Pande  
Assistant Professor- Comp. Sc,  
Uttarakhand Open University



**ADVISOR**  
Prof. Madhu Prahar  
Director- CEMCA New Delhi



**COURSE DEVELOPER**  
Dr. Manas R. Panigrahi  
Sr. Program Officer, CEMCA



**2-WEEK ONLINE FDP  
PROGRAM  
ON  
DEVELOPMENT OF  
ONLINE COURSE FOR  
SWAYAM**

**Details of the  
Inaugural Program  
Date: 21 June, 2021**

**ANCHOR AND HOST BY**

**Dr. Manas Ranjan Panigrahi, CEMCA, New Delhi.**

**ADDRESS BY**

**Professor Madhu Prahar, Director, CEMCA, New Delhi.**

**ADDRESS BY**

**Professor Durgesh Pant, Director School of CS & IT, UOU.**

**Coordinated by Prof. Durgesh Pant**

**PRESIDENTIAL ADDRESS**

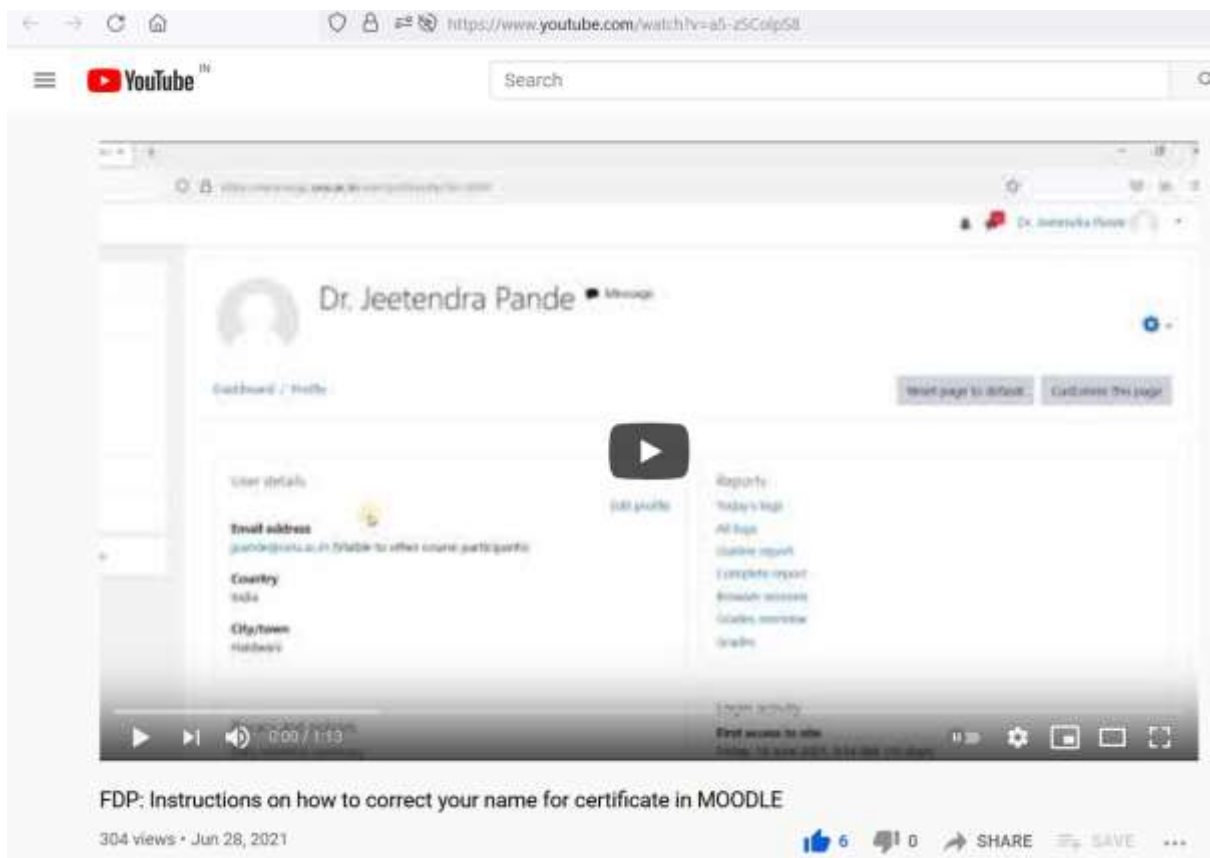
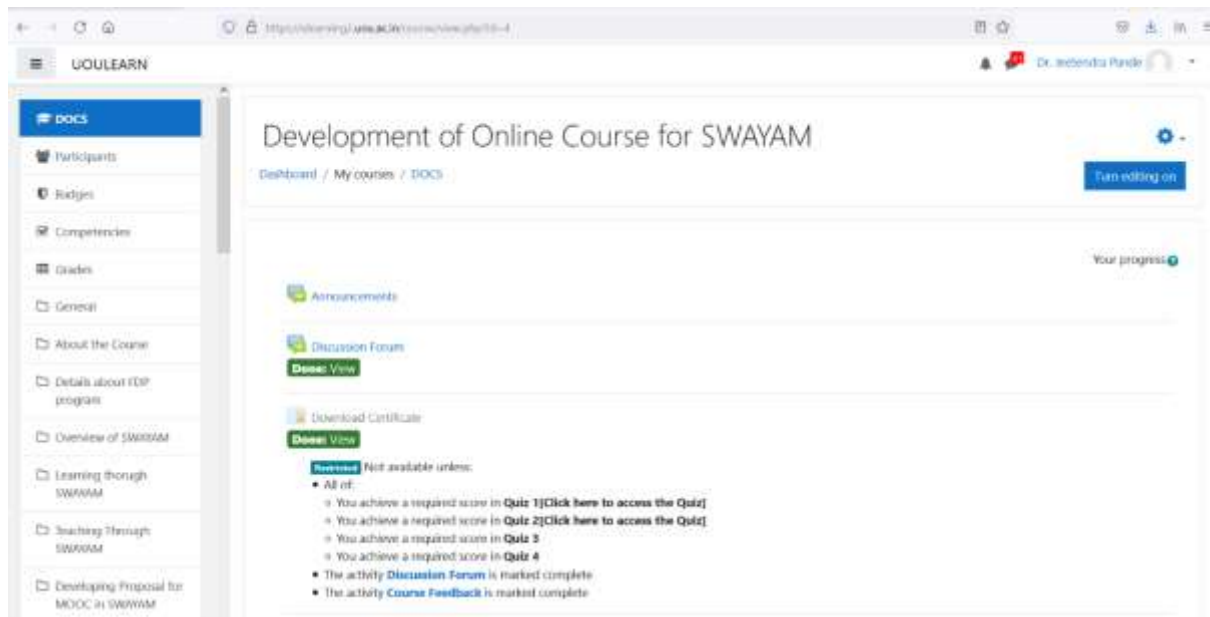
**Professor Om Prakash Singh Negi,**

**Hon'ble Vice Chancellor, Uttarakhand Open University, Haldwani, Nainital.**

**VOTE OF THANKS**


**Dr. Jeetendra Pande, Uttarakhand Open University, Haldwani, Nainital.**

# PHOTOGRAPHS



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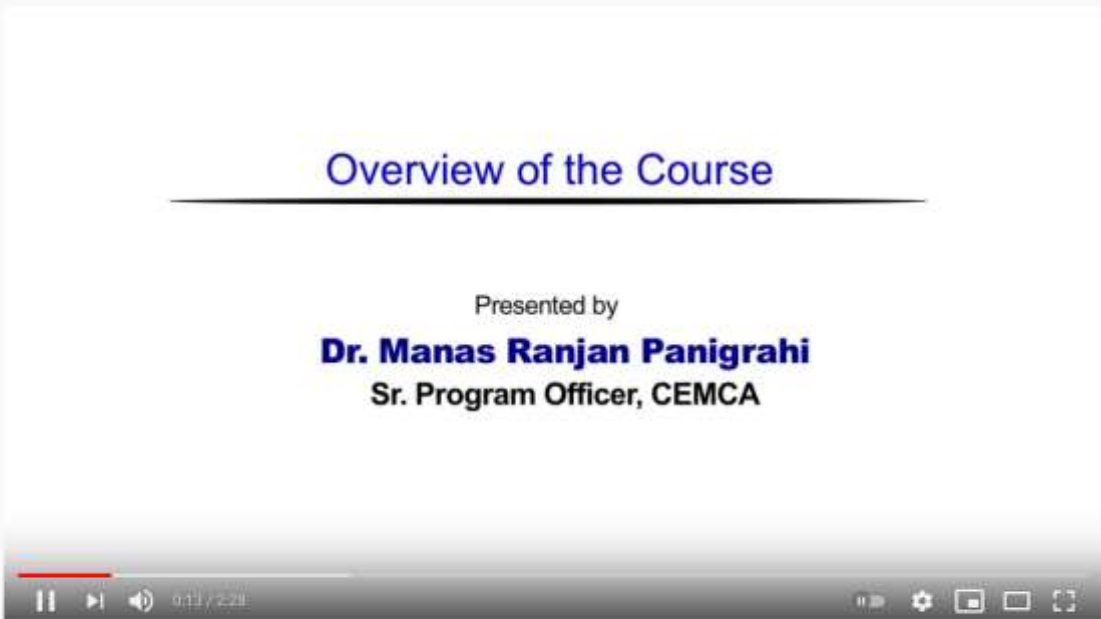
The video player shows a dark grey box with the word "CERTIFICATE" in large white letters at the top. Below it, the text reads: "The certificate will be available automatically based on the following criteria:" followed by a numbered list: "1. View all the video lecture.", "2. Participation in discussion forum", "3. Passing all the quizzes", "4. Participation in live session", and "5. Attempting online Feedback". A play button is centered over the text. The video player controls at the bottom show a progress bar at 0:00 / 6:43 and various icons for play, volume, settings, and full screen.

**Details about FDP**  
1,585 views · Jun 21, 2021

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← → ↻ 🏠 🔒 🔍 <https://www.youtube.com/watch?v=t0pMaF0IK08>

☰ YouTube™ Search 🔍



The video player shows a white background with the title "Overview of the Course" in blue text, underlined. Below the title, it says "Presented by" followed by "Dr. Manas Ranjan Panigrahi" in bold blue text and "Sr. Program Officer, CEMCA" in bold black text. The video player controls at the bottom show a progress bar at 0:13 / 2:28 and various icons for play, volume, settings, and full screen.

**Overview of the Course**  
849 views · Jun 16, 2021

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**Storyboard**



