



Uttarakhand  
Open  
University

# Detailed Status Report of MOOCs Offered through SWAYAM



Author

Prof. Jeetendra Pande

Uttarakhand Open University



# Executive Summary

This report presents a comprehensive status update on the Massive Open Online Courses (MOOCs) offered by **Uttarakhand Open University (UOU)** through the **SWAYAM platform**. Since the launch of its first flagship course, *Introduction to Cyber Security*, in July 2019, UOU has consistently expanded its MOOC portfolio, covering diverse academic and skill-based domains including technology, management, education, life skills, and vocational training.

As of July 2025, UOU has successfully offered **12 unique MOOCs**, with enrolments spanning multiple cycles and attracting learners from **across India and over 60 countries**. The university's courses have achieved significant milestones, most notably:

- *Introduction to Cyber Security* has surpassed **1.25 lakh enrolments** to date, ranking among the **top non-NPTEL MOOCs** on SWAYAM.
- *Digital Forensics*, launched in 2022, has recorded **over 22,700 enrolments** across eight cycles.
- *Web Technology* has maintained consistent popularity with **over 23,000 learners**.
- Recently introduced courses, such as *Sustainable Aquaculture* and *Micro-Economics for Business*, are expanding the university's academic reach into niche and emerging subject areas.

The cumulative enrolments across all active MOOCs now stand at **2,06,536**, reflecting the university's growing digital footprint and its ability to deliver quality online education at scale. This success is driven by **expert faculty coordinators, robust digital infrastructure**, and an unwavering commitment to **learner engagement and content quality**.

In addition to academic excellence, UOU has embraced innovation in course delivery. Initiatives such as **gamification, micro-credentials, content localization in Hindi**, and the integration of **AI-generated flashcards** are being explored to enhance learner retention and satisfaction.

This report also includes a **SOAR (Strengths, Opportunities, Aspirations, Results) analysis**, offering a strategic perspective on the university's MOOC ecosystem and outlining actionable recommendations to further strengthen UOU's position as a leader in open and distance learning in India.

## Table of Content

Executive Summary .....	2
Introduction .....	4
Course-wise Status .....	4
1. Web Technology .....	4
2. Advance Strategies in NGO Management .....	5
3. Education Technology .....	6
4. Entrepreneurship Skills and Digital Marketing Strategies .....	7
5. Workplace Skills for 21st Century Learners .....	7
6. Essential Life Skills for 21st Century Learners .....	8
7. Introduction to Cyber Security .....	9
8. Digital Forensics .....	10
9. Fundamentals of Financial Inclusion and Cyber Safety .....	11
10. Development of Online Courses for SWAYAM .....	12
11. Sustainable Aquaculture: Practices, Innovations, and Management .....	12
12. Micro-Economics for Business .....	13
Grand Total Enrolments Across All Courses (Till Date) .....	14
SOAR Analysis – MOOCs at Uttarakhand Open University .....	14
1. Strengths .....	14
2. Opportunities .....	15
3. Aspirations .....	15
4. Results (Measurable Goals) .....	15
Recommendations, Way Forward, and Closing Remarks .....	15
Acknowledgement .....	16
References .....	17

# Detailed Status Report of MOOCs Offered through SWAYAM

## Introduction

Uttarakhand Open University (UOU), as a leading state open university, has been at the forefront of promoting accessible and flexible learning opportunities through the SWAYAM platform—India’s national Massive Open Online Course (MOOC) initiative. In alignment with the objectives of the Ministry of Education, Government of India, UOU has developed and delivered a diverse portfolio of MOOCs across disciplines such as Computer Science, Management, Education, Life Skills, Social Sciences, and Vocational Studies.

These courses are designed and delivered by experienced faculty and subject matter experts, integrating academic rigor with practical applicability. Many of them have consistently attracted high enrolments from learners across India and abroad, with some, like Introduction to Cyber Security, emerging among the most popular non-NPTEL courses on the platform.

The present report provides a comprehensive status update on all MOOCs offered by UOU through SWAYAM. It covers course-wise details including faculty information, cycle-wise enrolments, current status, and key observations. The report also calculates cumulative enrolments till date, offering insights into the reach, impact, and learner engagement patterns of UOU’s online courses.

Through these offerings, UOU continues to contribute significantly towards the national agenda of democratizing education, enhancing employability, and fostering lifelong learning by leveraging the potential of digital platforms.

## Course-wise Status

### 1. Web Technology

**Faculty:** Prof. (Dr.) Ashutosh Kumar Bhatt

**Email:** abhatt@uou.ac.in

**Mobile:** 9412327953

#### Course Links:

- July 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_cs23/preview](https://onlinecourses.swayam2.ac.in/nou25_cs23/preview) - 7435
- Jan., 2025 Cycle [https://onlinecourses.swayam2.ac.in/nou25\\_cs09/preview](https://onlinecourses.swayam2.ac.in/nou25_cs09/preview) – 9395 enrolments
- July 2024 Cycle: [https://onlinecourses.swayam2.ac.in/nou24\\_cs18/preview](https://onlinecourses.swayam2.ac.in/nou24_cs18/preview) – 9,395 enrolments


[About Swayam](#) | [All Courses](#) | [SIGN IN / REGISTER](#)

[Home](#) > [Courses](#) >

### Web Technology

By Dr. Anurag Kumar Shrivastava | Uttarakhand Open University, Haridwar

[Join](#) **Learners enrolled: 4532**



Web Technology refers to the many different tools and techniques that are utilized in the process of communication between different types of devices over the internet in Hindi/English Language. The main sections or components of Web Technology are World Wide Web (WWW), Web Browser, Web Server, Web Pages, and Web Development. It can be classified into two ways: Frontend and Backend Development. The part of a website where the user interacts directly is termed as front end. It is also referred to as the client-side of the application. Backend is the server side of a website. It is the part of the website that users cannot see and interact with. It is the part of software that does not come in direct contact with the users. It is used.

#### Summary

Course Status:	Upcoming
Course Type:	Not Applicable
Language for course content:	English
Duration:	12 weeks
Category:	Computer Science and Engineering
Credit Points:	4
Level:	Undergraduate/Postgraduate
Start Date:	19 Jul 2025
End Date:	15 Nov 2025
Enrollment Ends:	15 Sep 2025
Exam Date:	12 Dec 2025 IST
Exam Shift:	(Both)

**Total Enrolments: 26,225**

#### Observations:


The *Web Technology* MOOC consistently attracts a large learner base, exceeding 9,000 registrations in recent cycles. The course appeals to both computer science students and professionals seeking web development skills.

## 2. Advance Strategies in NGO Management

**Faculty:** Dr. Neerja Singh

**Email:** neerjasingh@uou.ac.in

**Mobile:** 9927145246



[About Swayam](#) | [All Courses](#) | [SIGN IN / REGISTER](#)

[Home](#) > [Courses](#) >

### Advance Strategies in NGO Management

By Dr. Neerja Singh | Uttarakhand Open University, Haridwar

[Join](#) **Learners enrolled: 1222**



Today, where NGO are working to empower the society at national and international level, it becomes necessary for the person to understand the working of these NGO and we all know that NGO are playing vital role to empower the society at large and the concept of social justice, empowerment, liberation, and legal aid has to come. The foundation of NGO is to be a social justice, empowerment, liberation, and legal aid.

#### Summary

Course Status:	Upcoming
Course Type:	Not Applicable
Language for course content:	Hindi
Duration:	12 weeks
Category:	Humanities and Social Sciences
Credit Points:	4
Level:	Postgraduate
Start Date:	13 Jul 2025
End Date:	15 Nov 2025
Enrollment Ends:	19 Sep 2025
Exam Date:	13 Dec 2025 IST

## Course Link:

- July 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_hs74/preview](https://onlinecourses.swayam2.ac.in/nou25_hs74/preview) – 3,579 enrolments

## Observations:

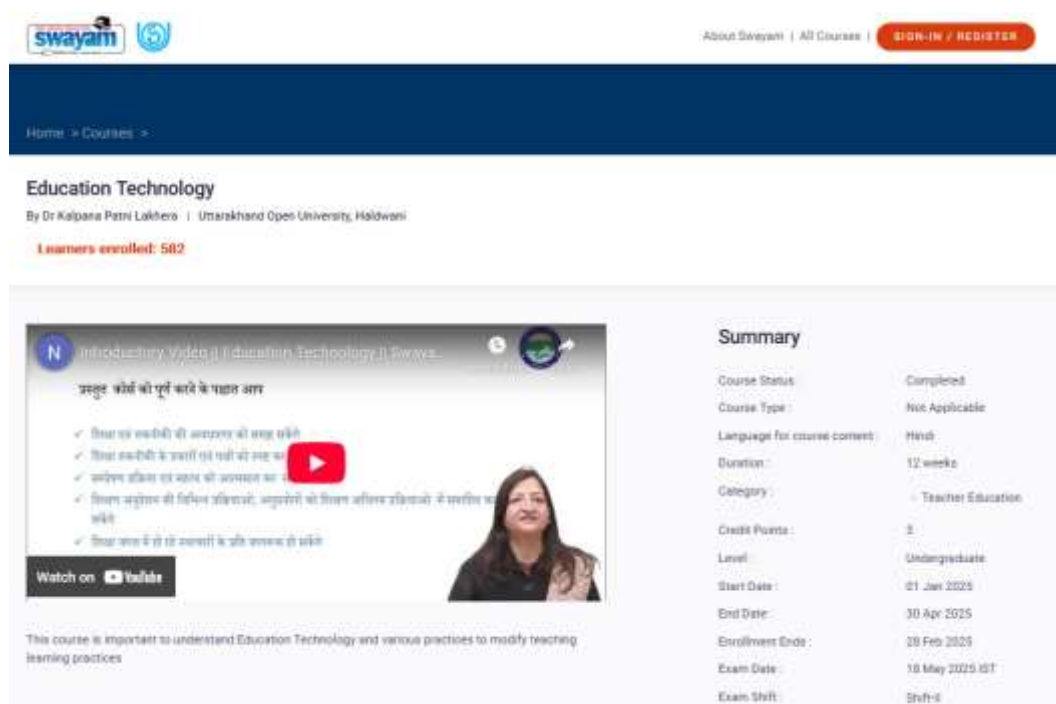
This course caters to professionals in the non-profit sector and learners interested in NGO management strategies. Enrolments are moderate, reflecting a niche audience.

## 3. Education Technology

**Faculty:** Dr. Kalpana Patni Lakhera

**Email:** klakhera@uou.ac.in

**Mobile:** 9412996449



The screenshot displays the Swayam portal interface for the 'Education Technology' course. At the top, there are navigation links for 'About Swayam', 'All Courses', and 'SIGN-IN / REGISTER'. Below the navigation bar, the course title 'Education Technology' is prominently displayed, followed by the faculty name 'By Dr Kalpana Patni Lakhera' and the institution 'Uttarakhand Open University, Haldwani'. A badge indicates 'Learners enrolled: 582'. The main content area features a video player for an 'Introductory Video' and a 'Summary' table.

Summary	
Course Status	Completed
Course Type	Not Applicable
Language for course content	Hindi
Duration	12 weeks
Category	Teacher Education
Credit Points	3
Level	Undergraduate
Start Date	21 Jan 2025
End Date	30 Apr 2025
Enrollment Ends	28 Feb 2025
Exam Date	18 May 2025 IST
Exam Shift	Shift-II

## Course Links:

- July, 2025: [https://onlinecourses.swayam2.ac.in/nou25\\_ed46/preview](https://onlinecourses.swayam2.ac.in/nou25_ed46/preview) – 1212 enrolments (Ongoing)
- Jan 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_ed24/preview](https://onlinecourses.swayam2.ac.in/nou25_ed24/preview) 582 enrolments

**Total Enrolments:** 1794

## Observations:

The *Education Technology* MOOC focuses on integrating technology into teaching-learning processes. While enrolments are relatively modest, the course is valuable for teacher training and educational innovation.

## 4. Entrepreneurship Skills and Digital Marketing Strategies

**Faculty:** Prof. Gagan Singh, Dr. Gopal Datt

**Emails:** [gsingh@uou.ac.in](mailto:gsingh@uou.ac.in), [gdatt@uou.ac.in](mailto:gdatt@uou.ac.in)

**Mobiles:** 8077923358, 9012972556

The screenshot shows the Swayam course page for 'Entrepreneurship Skills and Digital Marketing Strategies'. The page includes the Swayam logo, navigation links, and a course summary table. The course is credited to Prof. Gagan Singh and Dr. Gopal Datt, with 3582 learners enrolled. The summary table provides details on course status, type, language, duration, category, credit points, level, start and end dates.

Summary	
Course Status :	Completed
Course Type :	Not Applicable
Language for course content :	English
Duration :	12 weeks
Category :	Entrepreneurship Marketing
Credit Points :	4
Level :	Undergraduate
Start Date :	01 Jan 2025
End Date :	30 Apr 2025

### Course Links:

- July 2025: [https://onlinecourses.swayam2.ac.in/nou25\\_mg21/preview](https://onlinecourses.swayam2.ac.in/nou25_mg21/preview): 5327 enrolments
- Jan., 2025: [https://onlinecourses.swayam2.ac.in/nou25\\_mg10/preview](https://onlinecourses.swayam2.ac.in/nou25_mg10/preview) : 3,582 enrolments

**Total Enrolments:** 8909

### Observations:

The course blends entrepreneurship skills with digital marketing, making it relevant for start-up founders, small business owners, and management students.

## 5. Workplace Skills for 21st Century Learners

**Faculty:** Prof. Gagan Singh, Prof. Jeetendra Pande, Dr. Gopal Datt, Dr. Megha Pant

**Emails:** [jpande@uou.ac.in](mailto:jpande@uou.ac.in), [gsingh@uou.ac.in](mailto:gsingh@uou.ac.in), [gdatt@uou.ac.in](mailto:gdatt@uou.ac.in), [meghapant@uou.ac.in](mailto:meghapant@uou.ac.in)

### Course Link:

- July, 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_ge94/preview](https://onlinecourses.swayam2.ac.in/nou25_ge94/preview) : 855 enrolments



swayam  About Swayam | All Courses | [SIGN IN / REGISTER](#)

Home > Courses >

**Workplace Skills for 21st Century Learners (21वीं सदी के शिक्षार्थियों के लिए कार्यस्थल कौशल)**  
By Prof. Gagan Singh, Prof. Jyotsna Wande, Dr. Gopal Datt and Dr. Megha Puri | Uttarakhand Open University, Haldwani

[Join](#) **Learners enrolled: 488**



**Summary**

Course Status:	Upcoming
Course Type:	
Language for course content:	Hindi
Duration:	12 weeks
Category:	Multidisciplinary
Credit Points:	6
Level:	Undergraduate/ Postgraduate
Start Date:	15 Jul 2025
End Date:	15 Nov 2025
Enrollment Ends:	15 Sep 2025

जब के तभी से बढ़ती प्रतिस्पर्धी-आधारित कार्यस्थल माहौल में, यह अनिवार्य हो गया है कि शिक्षार्थी कुछ नए कौशलों के अधीन हों। अपने लिए यह भी आवश्यक है कि उन्होंने / शिक्षार्थी की आवश्यकताओं के अनुसार कार्यस्थल अधीन से एक विशेष कौशल को प्राप्त करने पर जोर दिया जाए। यह पाठ्यक्रम, 21वीं सदी के शिक्षार्थी के लिए कार्यस्थल अधीन से आवश्यक कौशल को प्राप्त करने के लिए डिज़ाइन किया गया है।

### Observations:

Designed to enhance employability skills, this MOOC addresses communication, teamwork, adaptability, and other workplace competencies.

## 6. Essential Life Skills for 21st Century Learners

**Faculty:** Prof. Gagan Singh, Prof. Ashutosh Kumar Bhatt, Dr. Gopal Datt, Mrs. Lalita Bisht

**Emails:** [gsingh@uou.ac.in](mailto:gsingh@uou.ac.in), [abhata@uou.ac.in](mailto:abhata@uou.ac.in), [gdatt@uou.ac.in](mailto:gdatt@uou.ac.in), [lbisht@uou.ac.in](mailto:lbisht@uou.ac.in)

swayam  About Swayam | All Courses | [SIGN IN / REGISTER](#)

Home > Courses >

**Essential Life Skills for 21st Century Learners**  
By Prof. Gagan Singh, Prof. Ashutosh Kumar Bhatt, Dr. Gopal Datt and Mrs. Lalita Bisht | Uttarakhand Open University, Haldwani

[Join](#) **Learners enrolled: 655**



**Summary**

Course Status:	Upcoming
Course Type:	
Language for course content:	Hindi
Duration:	12 weeks
Category:	Multidisciplinary
Credit Points:	6
Level:	Undergraduate/ Postgraduate
Start Date:	15 Jul 2025
End Date:	15 Nov 2025
Enrollment Ends:	15 Sep 2025

जब के तभी से बढ़ती प्रतिस्पर्धी-आधारित कार्यस्थल माहौल में, यह अनिवार्य हो गया है कि शिक्षार्थी कुछ नए कौशलों के अधीन हों। अपने लिए यह भी आवश्यक है कि उन्होंने / शिक्षार्थी की आवश्यकताओं के अनुसार कार्यस्थल अधीन से एक विशेष कौशल को प्राप्त करने पर जोर दिया जाए। यह पाठ्यक्रम, 21वीं सदी के शिक्षार्थी के लिए कार्यस्थल अधीन से आवश्यक कौशल को प्राप्त करने के लिए डिज़ाइन किया गया है।

### Course Link:

- July, 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_ge93/preview](https://onlinecourses.swayam2.ac.in/nou25_ge93/preview)– 1606 enrolments

### Observations:

Aims to develop essential personal and professional skills among learners. Its interdisciplinary approach attracts a wide range of participants.

## 7. Introduction to Cyber Security

**Faculty:** Prof. Jeetendra Pande

**Email:** jpande@uou.ac.in

**Mobile:** 9927050094

**INTRODUCTION TO CYBER SECURITY**  
By Dr. Jeetendra Pande | Uttarakhand Open University, Haldwari  
Learners enrolled: 16964

**Summary**

Course Status:	Completed
Course Type:	Core
Language for course content:	English
Duration:	12 weeks
Category:	Computer Science and Engineering
Credit Points:	4
Level:	Undergraduate
Start Date:	
End Date:	
Exam Date:	

Internet has led to widespread and drastic changes in our lives. Due to its reach and coverage, more and more processes and activities in organizations large and small are shifting online. Banking and Communication sectors are just a couple of glaring examples of this development. However, the ease of use brought about by computers has brought with it a significant rise in malicious attacks on digital devices and software systems. With increased dependence on computers and Internet, organizations are constantly exposed to high levels of business, operational and strategic risks. Hence, it is a challenge for these organizations to protect their data and systems from unauthorized access. This foundation program is

### Cycle-wise Enrolments:

- July 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_cs18/preview](https://onlinecourses.swayam2.ac.in/nou25_cs18/preview) – 9845 enrolments
- Jan 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou25_cs04/preview) - 9364 enrolments
- July 2024 Cycle XI : [https://onlinecourses.swayam2.ac.in/nou24\\_cs13/preview](https://onlinecourses.swayam2.ac.in/nou24_cs13/preview) – 10,760 enrolments
- Jan 2024 Cycle X : [https://onlinecourses.swayam2.ac.in/nou24\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou24_cs04/preview) - 11004 enrollments
- July 2023 Cycle IX : [https://onlinecourses.swayam2.ac.in/nou23\\_cs10/preview](https://onlinecourses.swayam2.ac.in/nou23_cs10/preview) – 4,831 enrolments
- Jan 2023 Cycle VIII: [https://onlinecourses.swayam2.ac.in/nou23\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou23_cs04/preview) – 5,118 enrolments
- July 2022 Cycle VII : [https://onlinecourses.swayam2.ac.in/nou22\\_cs07/preview](https://onlinecourses.swayam2.ac.in/nou22_cs07/preview) – 8,286 enrolments
- Jan 2022 Cycle VI : [https://onlinecourses.swayam2.ac.in/nou22\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou22_cs04/preview) - 10440 enrolments
- July 2021 Cycle V : [https://onlinecourses.swayam2.ac.in/nou21\\_cs08/preview](https://onlinecourses.swayam2.ac.in/nou21_cs08/preview) – 8,360 enrolments
- Jan 2021 Cycle IV : [https://onlinecourses.swayam2.ac.in/nou21\\_cs01/preview](https://onlinecourses.swayam2.ac.in/nou21_cs01/preview) – 15,856 enrolments
- July 2020 Cycle III : [https://swayam.gov.in/nd2\\_nou20\\_cs02/preview](https://swayam.gov.in/nd2_nou20_cs02/preview) – 9,647 enrolments

- Jan 2020 Cycle II : [https://swayam.gov.in/nd2\\_nou20\\_cs01/preview](https://swayam.gov.in/nd2_nou20_cs01/preview) – 8,813 enrolments
- July 2019 Cycle I : [https://swayam.gov.in/nd2\\_nou19\\_cs08/preview](https://swayam.gov.in/nd2_nou19_cs08/preview) – 16,964 enrolments

## Total Enrolments

Total enrolments across all cycles: **1,29,288**

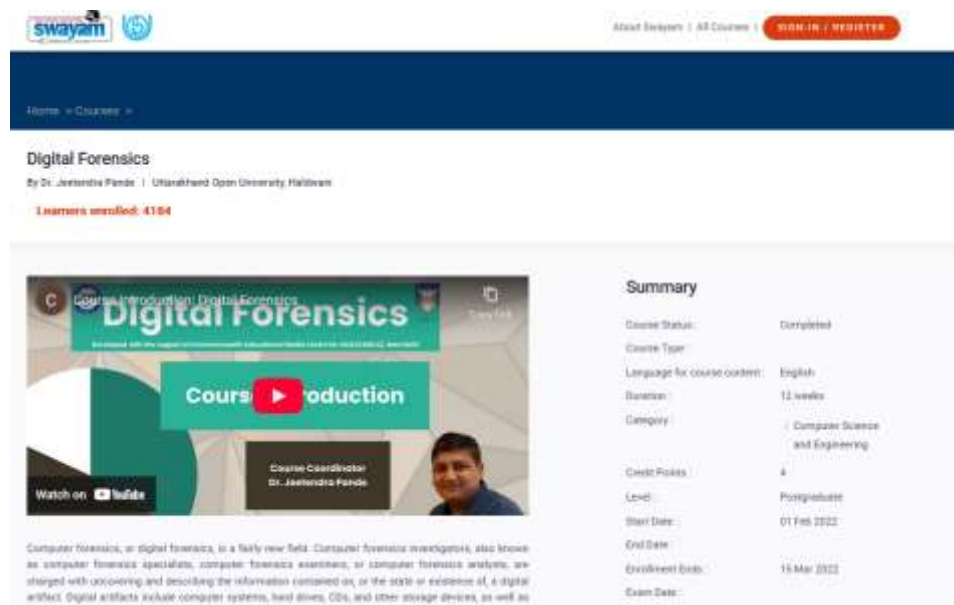
## Observations:

This flagship course has attracted over **1,00,000 learners** across 13 cycles, making it one of the most popular non-NPTEL MOOCs on SWAYAM<sup>1</sup>.

## 8. Digital Forensics

**Faculty:** Prof. Jeetendra Pande

**Email:** [jpande@uou.ac.in](mailto:jpande@uou.ac.in)



**Digital Forensics**  
By Dr. Jeetendra Pande | Uttarakhand Open University, Haridwar  
Learners enrolled: 4184

**Summary**

Course Status:	Completed
Course Type:	
Language for course content:	English
Duration:	12 weeks
Category:	Computer Science and Engineering
Credit Points:	4
Level:	Postgraduate
Start Date:	01 Feb 2022
End Date:	
Enrollment Ends:	15 Mar 2022
Exam Date:	

Computer forensics, or digital forensics, is a fairly new field. Computer forensic investigations, also known as computer forensic specialists, computer forensic examiners, or computer forensic analysts, are charged with uncovering and decoding the information contained on, or the state or evidence of, a digital artifact. Digital artifacts include computer systems, hard drives, CDs, and other storage devices, as well as

## Cycle-wise Enrolments:

- Cycle VIII (July 2025): [https://onlinecourses.swayam2.ac.in/nou25\\_cs19/preview](https://onlinecourses.swayam2.ac.in/nou25_cs19/preview) – 3,577 enrolments
- Cycle VII (Jan 2025): [https://onlinecourses.swayam2.ac.in/nou25\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou25_cs05/preview) – 2,925 enrolments
- Cycle VI (July 2024): [https://onlinecourses.swayam2.ac.in/nou24\\_cs14/preview](https://onlinecourses.swayam2.ac.in/nou24_cs14/preview) – 3,179 enrolments
- Cycle V (Jan 2024): [https://onlinecourses.swayam2.ac.in/nou24\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou24_cs05/preview) – 1,301 enrolments
- Cycle IV (July 2023): [https://onlinecourses.swayam2.ac.in/nou23\\_cs11/preview](https://onlinecourses.swayam2.ac.in/nou23_cs11/preview) – 2,506 enrolments

<sup>1</sup> <https://nmeict.ac.in/wp-content/uploads/2020/05/Top-10-Non-Engineering-Courses.pdf>

- Cycle III (Jan 2023): [https://onlinecourses.swayam2.ac.in/nou23\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou23_cs05/preview) – 2,613 enrolments
- Cycle II (July 2022): [https://onlinecourses.swayam2.ac.in/nou22\\_cs09/preview](https://onlinecourses.swayam2.ac.in/nou22_cs09/preview) – 3,883 enrolments
- Cycle I (Jan 2022): [https://onlinecourses.swayam2.ac.in/nou22\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou22_cs05/preview) – 4,184 enrolments

**Total Enrolments:** 24,168

### Observations:

The course is highly relevant for law enforcement, IT security professionals, and students of cyber law. It shows periodic spikes in registrations.

## 9. Fundamentals of Financial Inclusion and Cyber Safety

**Faculty:** Prof. Gagan Singh, Dr. Gopal Datt, Dr. Neelima Budhani, Dr. Geetanjali Bhatt Sharma

**Emails:** [gsingh@uou.ac.in](mailto:gsingh@uou.ac.in), [gdatt@uou.ac.in](mailto:gdatt@uou.ac.in), [nbudhani@uou.ac.in](mailto:nbudhani@uou.ac.in), [gsharma@uou.ac.in](mailto:gsharma@uou.ac.in)



The screenshot shows the Swayam course page for 'Fundamentals of Financial Inclusion and Cyber Safety'. The page includes a video player with a red play button, a 'Join' button, and a 'Learners enrolled: 616' indicator. The course is by Prof. Gagan Singh, Dr. Gopal Datt, Dr. Neelima Budhani, and Dr. Geetanjali Bhatt Sharma, offered by Uttarakhand Open University (UOU), Haridwar.

**Summary**

Course Status	Upcoming
Course Type	
Language for course content	English
Duration	12 weeks
Category	Multidisciplinary
Credit Points	4
Level	Undergraduate/ Postgraduate
Start Date	11 Jul 2025
End Date	15 Nov 2025
Enrollment Ends	15 Sep 2025
Exam Date	13 Dec 2025 IST
Exam Shift	Shift II

Note: This exam date is subject to change based on seat availability. You can check final exam date on your host circle.

### Course Link:

- July, 2025 Cycle: [https://onlinecourses.swayam2.ac.in/nou25\\_ge92/preview](https://onlinecourses.swayam2.ac.in/nou25_ge92/preview) – 986 enrolments

### Observations:

This course combines concepts of financial inclusion with cyber safety measures, targeting banking professionals, students, and entrepreneurs.

## 10. Development of Online Courses for SWAYAM

**Faculty:** Prof. Jeetendra Pande

**Email:** jpande@uou.ac.in

**Development of Online Courses for SWAYAM**  
By Dr. Jeetendra Pande | 100% Satisfaction | 100% Completion

**Summary**

Course Status	Summary
Course Type	Self-paced
Language for course content	English
Duration	Self-paced
Category	Self-paced
Level	Self-paced

**Course Link:** [https://onlinecourses.swayam2.ac.in/nou24\\_ge32/preview](https://onlinecourses.swayam2.ac.in/nou24_ge32/preview)

**Enrolments:** 6599

### Observations:

The course serves as a capacity-building initiative for educators developing MOOCs. It covers instructional design, content creation, and SWAYAM compliance. It is offered as Non-credit self-paced course.

## 11. Sustainable Aquaculture: Practices, Innovations, and Management

**Faculty:** Dr. Virendra Kumar & Dr. Shyam S. Kunjwal

**Email:** vkumar@uou.ac.in

**Mobile:** 9456140200

**Sustainable Aquaculture: Practices, Innovations, and Management (सतत जलीय कृषि: अभ्यास, नवाचार और प्रबंधन)**  
By Dr. Virendra Kumar and Dr. Shyam S. Kunjwal | 100% Satisfaction | 100% Completion

**Summary**

Course Status	Summary
Course Type	Self-paced
Language for course content	English
Duration	15 weeks
Category	Biological Sciences & Biotechnology
Credit Points	6
Level	Undergraduate

### Course Link:

- July, 2025: [https://onlinecourses.swayam2.ac.in/nou25\\_bt13/preview](https://onlinecourses.swayam2.ac.in/nou25_bt13/preview) – 324 enrolments

### Observations:

Targets stakeholders in fisheries and aquaculture. Focuses on sustainable practices and technological innovations.

## 12. Micro-Economics for Business

Faculty: **Dr. Sumit Prasad**

Email: [spasad@uou.ac.in](mailto:spasad@uou.ac.in)

Mobile: 9456346010

The screenshot shows the Swayam portal interface for the 'Micro-Economics for Business' course. At the top, there's a navigation bar with the Swayam logo and a 'SIGN IN / REGISTER' button. Below this, the course title 'Micro-Economics for Business' is displayed, along with the faculty name 'By Dr. Sumit Prasad' and the institution 'Uttarakhand Open University, Mallanagar'. A 'Join' button and 'Learners enrolled: 331' are visible. The main content area features a course poster on the left and a 'Summary' table on the right.

Summary	
Course Status :	Upcoming
Course Type :	Not Applicable
Language for course content :	English
Duration :	12 weeks
Category :	Management Studies
Credit Points :	4
Level :	Undergraduate/Postgraduate
Start Date :	15 Jul 2025
End Date :	15 Nov 2025

### Cycle-wise Enrolments:

- July 2025 Cycle:** [https://onlinecourses.swayam2.ac.in/nou25\\_mg19/preview](https://onlinecourses.swayam2.ac.in/nou25_mg19/preview) – 809 enrolments
- Jan 2025 Cycle:** [https://onlinecourses.swayam2.ac.in/nou25\\_mg06/preview](https://onlinecourses.swayam2.ac.in/nou25_mg06/preview) – 404 enrolments
- July 2024 Cycle:** [https://onlinecourses.swayam2.ac.in/nou24\\_mg12/preview](https://onlinecourses.swayam2.ac.in/nou24_mg12/preview) – 445 enrolments
- Jan 2024 Cycle:** [https://onlinecourses.swayam2.ac.in/nou24\\_mg06/preview](https://onlinecourses.swayam2.ac.in/nou24_mg06/preview) – 545 enrolments

**Total Enrolments:** 2,203

### Observations:

The Micro-Economics for Business MOOC provides learners with foundational and applied knowledge of microeconomic principles, focusing on business decision-making, market structures, and pricing strategies. It attracts a steady number of students, primarily from commerce, economics, and management backgrounds, as well as working professionals seeking to strengthen their understanding of market behavior.



## Grand Total Enrolments Across All Courses (Till Date)

S. No.	Course	Total Enrolments
1	Web Technology	26225
2	Advance Strategies in NGO Management	3579
3	Education Technology	1794
4	Entrepreneurship Skills and Digital Marketing Strategies	8909
5	Workplace Skills for 21st Century Learners	855
6	Essential Life Skills for 21st Century Learners	1606
7	Introduction to Cyber Security	129288
8	Digital Forensics	24168
9	Fundamentals of Financial Inclusion and Cyber Safety	986
10	Development of Online Courses for SWAYAM	6599
11	Sustainable Aquaculture	324
12	Micro-Economics for Business	2203
	<b>Total</b>	<b>2,06,536</b>

**Grand Total:** 2,06,536 enrolments (Till date)

## SOAR Analysis – MOOCs at Uttarakhand Open University

### 1. Strengths

- **High-impact flagship courses:** *Introduction to Cyber Security* has over **1.25 lakh enrolments** till date, ranking among the top non-NPTEL courses on SWAYAM.
- **Faculty expertise:** Courses are coordinated by experienced professors and domain experts (e.g., Cyber Security, Digital Forensics, Web Technology).
- **Diverse portfolio:** Covers technology, management, education, life skills, and vocational domains, catering to a wide learner spectrum.
- **Strong digital infrastructure:** Proven ability to deliver quality MOOCs across multiple cycles with consistent learner engagement.
- **National and international reach:** Enrolments from over 60 countries in some courses, enhancing UOU's global academic footprint.

## 2. Opportunities

- **Emerging domains:** Introducing MOOCs on AI, Data Analytics, Cloud Security, Blockchain, and IoT to tap into current skill demands.
- **Content localization:** Offering select courses in Hindi and other Indian languages to expand reach to regional learners.
- **Micro-credentials and credit transfer:** Leveraging UGC-DEB and NCeF provisions to allow stackable learning pathways for degree programs.
- **Industry-academia collaborations:** Partnering with tech companies, Sector Skill Councils, and NGOs for co-branded, application-oriented courses.
- **Advanced learner engagement:** Expanding gamification, adaptive learning, and AI-generated flashcards for improved retention.

## 3. Aspirations

- **Becoming a national leader** in open and distance learning MOOCs with specialized, high-enrolment, and industry-relevant courses.
- **Integrating MOOCs with mainstream programs** at UOU, allowing learners to seamlessly earn credits toward degrees and diplomas.
- **Building a global learner community** by targeting professionals, students, and lifelong learners worldwide.
- **Launching thematic MOOC series** (e.g., Cyber Security Master Series, Digital Transformation Skills Series) to create structured skill development pathways.

## 4. Results (Measurable Goals)

- Achieve **50,000+ total enrolments annually** across all UOU SWAYAM courses within the next two years.
- Increase average course completion rate by **15%** through enhanced interactivity and learner support systems.
- Introduce **at least 5 new high-demand MOOCs** in emerging fields by the end of the next academic year.
- Establish **at least 3 new international collaborations** for co-developed MOOCs within three years.

## Recommendations, Way Forward, and Closing Remarks

The enrolment data and course performance presented in this report clearly demonstrate UOU's growing impact through the SWAYAM platform, yet they also highlight opportunities for further strengthening and innovation. To sustain and enhance this momentum, it is recommended that the university introduce more interactive elements such as gamified quizzes, live doubt-clearing sessions, and peer-to-peer activities to improve learner



engagement. Expanding multilingual offerings, especially for flagship courses like *Introduction to Cyber Security* and *Digital Forensics*, will make them more accessible to non-English-speaking learners. Stronger industry linkages should be pursued to co-develop micro-certifications and job-oriented modules, ensuring that our courses remain aligned with evolving market needs. Continuous use of learner feedback, analytics, and completion data will help refine course content and address drop-off points, while targeted marketing and outreach campaigns can extend our reach to new learner communities.

Looking ahead, the next three to five years will be focused on scaling up high-impact courses with advanced modules, diversifying the MOOC portfolio to include emerging areas such as Artificial Intelligence, Climate Resilience, Sustainable Development, and Data Privacy, and deepening industry integration through partnerships with sector skill councils, companies, and non-profits. Inclusivity will remain central, with courses being translated into Hindi and other regional languages, alongside the adoption of inclusive design features for differently-abled learners. UOU will also leverage advanced learning technologies such as AI-driven personalized learning, adaptive assessments, and predictive analytics to support learner success. Structured mentorship programs, milestone-based incentives, and clearly defined learning pathways will help improve completion rates, while global collaborations will enable cross-border learner participation and enrich the learning experience. Continuous improvement will be embedded into our operations through an annual MOOC Quality Review Committee that evaluates course effectiveness, learner satisfaction, and market trends.

The achievements so far reflect more than just numbers- they represent the trust and engagement of **2,06,536 learners** who have chosen UOU's MOOCs to enhance their knowledge and skills. Flagship offerings have achieved national recognition, while niche courses have met specialized industry and societal needs. As we look to the future, UOU remains committed to keeping education open, inclusive, and impactful by harnessing the full potential of digital platforms. The road ahead offers exciting possibilities, and with a clear vision and learner-first approach, UOU will continue to play a leading role in shaping the future of online education in India and beyond.

## Acknowledgement

The author sincerely acknowledges the valuable inputs provided by all course coordinators in compiling this report. Special thanks to:

- **Prof. (Dr.) Ashutosh Kumar Bhatt** – *Web Technology, Essential Life Skills for 21st Century Learners*
- **Dr. Neerja Singh** – *Advance Strategies in NGO Management*
- **Dr. Kalpana Patni Lakhera** – *Education Technology*
- **Prof. Gagan Singh** – *Entrepreneurship Skills and Digital Marketing Strategies, Workplace Skills for 21st Century Learners, Essential Life Skills for 21st Century Learners, Fundamentals of Financial Inclusion and Cyber Safety*

- **Dr. Gopal Datt** – *Entrepreneurship Skills and Digital Marketing Strategies, Workplace Skills for 21st Century Learners, Essential Life Skills for 21st Century Learners, Fundamentals of Financial Inclusion and Cyber Safety*
- **Dr. Megha Pant** – *Workplace Skills for 21st Century Learners*
- **Mrs. Lalita Bisht** – *Essential Life Skills for 21st Century Learners*
- **Prof. Jeetendra Pande** – *Introduction to Cyber Security, Digital Forensics, Development of Online Courses for SWAYAM*
- **Dr. Neelima Budhani** – *Fundamentals of Financial Inclusion and Cyber Safety*
- **Dr. Geetanjali Bhatt Sharma** – *Fundamentals of Financial Inclusion and Cyber Safety*
- **Dr. Virendra Kumar** – *Sustainable Aquaculture: Practices, Innovations, and Management*
- **Dr. Shyam S. Kunjwal** – *Sustainable Aquaculture: Practices, Innovations, and Management*
- **Dr. Sumit Prasad** – *Micro-Economics for Business*

Their dedication and cooperation have been instrumental in ensuring that the information presented here is accurate and comprehensive.

## References

1. Web Technology – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs23/preview](https://onlinecourses.swayam2.ac.in/nou25_cs23/preview)
2. Web Technology – Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs09/preview](https://onlinecourses.swayam2.ac.in/nou25_cs09/preview)
3. Web Technology – July 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_cs18/preview](https://onlinecourses.swayam2.ac.in/nou24_cs18/preview)
4. Advance Strategies in NGO Management – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_hs74/preview](https://onlinecourses.swayam2.ac.in/nou25_hs74/preview)
5. Education Technology – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_ed46/preview](https://onlinecourses.swayam2.ac.in/nou25_ed46/preview)
6. Education Technology – Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_ed24/preview](https://onlinecourses.swayam2.ac.in/nou25_ed24/preview)
7. Entrepreneurship Skills & Digital Marketing Strategies – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_mg21/preview](https://onlinecourses.swayam2.ac.in/nou25_mg21/preview)
8. Entrepreneurship Skills & Digital Marketing Strategies – Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_mg10/preview](https://onlinecourses.swayam2.ac.in/nou25_mg10/preview)

9. Workplace Skills for 21st Century Learners – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_ge94/preview](https://onlinecourses.swayam2.ac.in/nou25_ge94/preview)
10. Essential Life Skills for 21st Century Learners – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_ge93/preview](https://onlinecourses.swayam2.ac.in/nou25_ge93/preview)
11. Introduction to Cyber Security – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs18/preview](https://onlinecourses.swayam2.ac.in/nou25_cs18/preview)
12. Introduction to Cyber Security – Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou25_cs04/preview)
13. Introduction to Cyber Security – July 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_cs13/preview](https://onlinecourses.swayam2.ac.in/nou24_cs13/preview)
14. Introduction to Cyber Security – Jan 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou24_cs04/preview)
15. Introduction to Cyber Security – July 2023 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou23\\_cs10/preview](https://onlinecourses.swayam2.ac.in/nou23_cs10/preview)
16. Introduction to Cyber Security – Jan 2023 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou23\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou23_cs04/preview)
17. Introduction to Cyber Security – July 2022 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou22\\_cs07/preview](https://onlinecourses.swayam2.ac.in/nou22_cs07/preview)
18. Introduction to Cyber Security – Jan 2022 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou22\\_cs04/preview](https://onlinecourses.swayam2.ac.in/nou22_cs04/preview)
19. Introduction to Cyber Security – July 2021 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou21\\_cs08/preview](https://onlinecourses.swayam2.ac.in/nou21_cs08/preview)
20. Introduction to Cyber Security – Jan 2021 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou21\\_cs01/preview](https://onlinecourses.swayam2.ac.in/nou21_cs01/preview)
21. Introduction to Cyber Security – July 2020 Cycle:  
[https://swayam.gov.in/nd2\\_nou20\\_cs02/preview](https://swayam.gov.in/nd2_nou20_cs02/preview)
22. Introduction to Cyber Security – Jan 2020 Cycle:  
[https://swayam.gov.in/nd2\\_nou20\\_cs01/preview](https://swayam.gov.in/nd2_nou20_cs01/preview)
23. Introduction to Cyber Security – July 2019 Cycle:  
[https://swayam.gov.in/nd2\\_nou19\\_cs08/preview](https://swayam.gov.in/nd2_nou19_cs08/preview)
24. Digital Forensics – Jan 2022 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou22\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou22_cs05/preview)
25. Digital Forensics – July 2022 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou22\\_cs09/preview](https://onlinecourses.swayam2.ac.in/nou22_cs09/preview)
26. Digital Forensics – Jan 2023 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou23\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou23_cs05/preview)

27. Digital Forensics – July 2023 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou23\\_cs11/preview](https://onlinecourses.swayam2.ac.in/nou23_cs11/preview)
28. Digital Forensics – Jan 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou24_cs05/preview)
29. Digital Forensics – July 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_cs14/preview](https://onlinecourses.swayam2.ac.in/nou24_cs14/preview)
30. Digital Forensics – Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs05/preview](https://onlinecourses.swayam2.ac.in/nou25_cs05/preview)
31. Digital Forensics – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_cs19/preview](https://onlinecourses.swayam2.ac.in/nou25_cs19/preview)
32. Fundamentals of Financial Inclusion & Cyber Safety – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_ge92/preview](https://onlinecourses.swayam2.ac.in/nou25_ge92/preview)
33. Development of Online Courses for SWAYAM – [Link](#)
34. Sustainable Aquaculture – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_bt13/preview](https://onlinecourses.swayam2.ac.in/nou25_bt13/preview)
35. Micro-Economics for Business – July 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_mg19/preview](https://onlinecourses.swayam2.ac.in/nou25_mg19/preview)
36. Micro-Economics for Business –Jan 2025 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou25\\_mg06/preview](https://onlinecourses.swayam2.ac.in/nou25_mg06/preview)
37. Micro-Economics for Business –July 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_mg12/preview](https://onlinecourses.swayam2.ac.in/nou24_mg12/preview)
38. Micro-Economics for Business – Jan 2024 Cycle:  
[https://onlinecourses.swayam2.ac.in/nou24\\_mg06/preview](https://onlinecourses.swayam2.ac.in/nou24_mg06/preview)