

## Questionnaire

Dear Sir/Madam,

The aim of this survey is to understand how the pandemic affected your learning experiences and the related opportunities and challenges. We request you for about 15-20 minutes of your time to respond to this survey. All the responses will be kept confidential, and results will be presented at an aggregate level. We thank you for your support.

### Name of Open University

- Uttarakhand Open University
- Netaji Subhas Open University
- Dr. B. R. Ambedkar Open University
- Krishna Kanta Handiqui State Open University

### I. Demographic details & General Information

#### a. Enrolment number

#### b. Age in years

- Below 20
- 20-30
- 31-40
- 41-50
- 51-60
- 61 and above

#### c. Gender

- Male
- Female
- Transgender

#### d. Place of residence:

- Rural
- Semi-urban
- Urban

#### e. Programme enrolled:

- Certificate
- Diploma
- Bachelor's Degree Programme
- PG Diploma
- PG Degree Programme
- PhD

f. School:

- Sciences
- Social Sciences
- Humanities
- Vocational Studies
- Education
- Computer Science and Information Technology
- Library and Information Sciences
- Management and Commerce
- Any other, please specify

II. Access to devices and internet connectivity

a. Which device did you use for learning from home during the pandemic?

- Laptop
- Personal Desktop Computer
- Tablet
- Smartphone.
- Any other, please specify \_\_\_\_\_

b. The device listed above was

- Owned by you before the pandemic commenced
- Bought to facilitate your studies once pandemic started
- Rented
- Borrowed
- Any other, please specify \_\_\_\_\_

c. How would you rate your internet connectivity for effective online learning?

- Very poor
- Poor
- Fair
- Good
- Very good

d. The data used for your study at home is through

- Secured wireless connection
- LAN cable
- Mobile data package
- Any other, please specify \_\_\_\_\_

III. Select **any one** option that best describes your proficiency in using ICT for learning.

- I have no experience with using online learning devices and platforms.
- I have attempted to use online learning devices and platforms, but I still require help on a regular basis.
- I can perform basic functions using a limited number of online learning devices and platforms.
- I can competently use online learning devices and platforms.
- I am very proficient in using a wide variety of online learning devices and platforms.

#### IV. Overall concerns during the pandemic

Overall, what were your crucial concerns during the pandemic? Please rank each concern in order of importance.

	<b>Most Important</b>	<b>Very Important</b>	<b>Important</b>	<b>Somewhat Important</b>	<b>Least important</b>
Physical health					
Mental and emotional well-being					
Education disruption					
Financial aspects					
Employment prospects					

#### V. Learning experience before the pandemic

- A. Did the Open University in which you are enrolled conduct online or technology-enabled academic activities before the pandemic? Yes / No
  
- B. Please indicate how often you engaged in technology-enabled and online learning activities before the pandemic.
  - a. Not at all
  - b. 1-2 times a year
  - c. 3-4 times a year
  - d. 1-2 a month
  - e. 3-4 times a month
  - f. 1-2 a week
  - g. 3-4 times a week
  - h. Almost everyday

#### VI. Learning experience during or post pandemic

- A. Did the Open University in which you are enrolled conduct online or technology-enabled academic activities during or post pandemic? Yes / No

B. Please select how often you engaged in technology-enabled and online learning activities during or post pandemic.

- a. Not at all
- b. 1-2 times a year
- c. 3-4 times a year
- d. 1-2 times a month
- e. 3-4 times a month
- f. 1-2 times a week
- g. 3-4 times a week
- h. Almost everyday

C. Think about your learning activities **during or post pandemic**. For each of the following activities, please select the option which best describes your experience **during or post pandemic**.

**(VGE = Very Great Extent, GE = Great Extent, SE = Some Extent, OLE = Only to a Little Extent, NA = Not at All)**

	VGE	GE	SE	OLE	NA
1. Learnt from print-based learning materials					
2. Learnt from e-SLM (text format) available on university website					
3. Accessed audio-video lectures from university website					
4. Accessed lecture notes, videos, e-books online from sources other than university website					
5. Completed and submitted assignments online					
6. Attended examinations online					
7. Accessed digital library resources					
8. Searched for academic information on the internet					
9. Used University Learning Management System					
10. Accessed university repository of educational resources					
11. Accessed online educational repositories and digital education platforms such as SWAYAM, NPTEL, Virtual Labs, e-PG Pathshala, and others					
12. Enrolled in online courses, including MOOCs					
13. Joined live online lecture/tutorial sessions					
14. Received feedback on assignments online					
15. Participated in online discussion forums for study-related purposes					

16. Used email for academic purposes					
17. Used social media for academic purposes					

D. Any other learning activity? Please specify and write the option as mentioned in C.

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## VII. Challenges in learning during the pandemic

Please rank each of the challenges below in order of priority. If you think that some challenges have the same ranking, please rank accordingly. Please specify other challenges, if any, and rank them.

	Most Important	Very Important	Important	Somewhat Important	Least Important
1. Internet connectivity issues					
2. Lack of access to devices					
3. Sense of isolation due to no in-person interaction with other students/tutors/ counsellors					
4. Fatigue due to continuous screen time exposure					
5. Inadequate ICT skills among students for learning online					
6. Challenges in completing and submitting assignments					
7. Difficulties in managing academic workload					
8. Difficult to receive feedback on assignments					
9. Difficulties with taking online/remote examinations					
10. Lack of adequate learner support					
11. Lack of motivation to learn					
12. Difficult to concentrate for prolonged live online sessions					
13. Difficulty in getting notifications regarding study					
14. Absence of supportive environment for learning at home					
15. Difficulty specific to course of study, for example, access to science laboratories, field work,					

etc.					
16. Costly in terms of resources and the time and effort required.					
17. Difficult due to inadequate ICT skills among teachers.					
18. Lack of availability of quality online academic content.					

Please specify other challenges, if any, and rank them as above.

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VIII. Opportunities in learning during the pandemic

For each of the following statements, please select the option that best matches your perception of opportunities from technology-enabled learning during the pandemic.

**(SA = Strongly Agree, A = Agree, N = Neutral, D = Disagree, and SD = Strongly Disagree)**

*Technology-enabled learning during the pandemic*

	SA	A	N	D	SD
Helped to maintain continuity in learning					
Offered flexible opportunities for learning					
Enabled communication with peers and teachers					
Provided multiple ways (audio, video, presentation, text) of learning the same material					
Improved learning through self-assessment quizzes and activities					
Provided opportunities for group assignments among students at different locations					
Provided opportunities for regular feedback from teachers					
Provided access to quality course content from different subject experts					
Promoted participation in online platforms/forums for doubt clarification and discussion					
Promoted my time management skills and self-discipline					
Improved my conceptual understanding through self-paced learning					
Made me more involved in learning activities					
Improved my ICT skills					

Please specify other opportunities, if any, and rank them.

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IX. Preferences in online learning

For each of the following statements, please rank in order of preference.

	Most preferred	Very preferred	Preferred	Somewhat preferred	Least preferred
Pre-recorded video lecture only					
Pre-recorded video lecture with reading material provided					
Reading material only					
Synchronous (real-time or live) online sessions					
Asynchronous self-learning from available material					
Live interaction sessions for doubt clarification and addressing queries					
Live lecture/tutorial sessions that can be recorded					
Use of presentation in video lecture					
Use of whiteboard in video lecture					
Individual assignments					
Group activities and assignments					
Digital platform/forum for posting queries and clarifying doubts					
Email for communication with peers and instructors					
Live chat for communication with peers and instructors					



X. Suggestions

Please share your suggestions on how to improve the educational experience during disruptions in education such as the pandemic. Please tick all the suggestions you think are relevant and add any further suggestions:

Improved connectivity infrastructure

Improved access to devices

Provide more teacher training and capacity building opportunities in ICT skills

Teacher training and capacity building in online and blended course development, delivery, and teaching-learning strategies

Guidelines on online/digital platforms, repositories, and educational resources

Provide ongoing technical support to students and teachers for technology-enabled learning

Develop a mechanism for monitoring online learning activities

Strengthen quality assurance for online and blended learning

- Any other suggestion, please specify \_\_\_\_\_

XI. Any observations/comments/reflections you would like to share about the overall effect of the pandemic on your learning.