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APPENDICES

Attitude Scale for Students

Dear students,

The researcher is conducting a study on the topic "**A study on Institutional Practices and Students Attitude toward MOOCs Implementation in the Higher Education Institutions of Assam.**" This attitude scale is developed to collect data for the same purpose. You are requested to please spare some of your valuable time to give your responses to the statements in the scale. The information provided by you will be kept confidential and will be used for the purpose of this study only.

Instruction

This is a five-point attitude Scale consisting of 44 statements related to different dimensions of the SWAYAM program. Please read each statement carefully. There are no right or wrong answers in the scale. Please response to all the statements given in the scale by putting tick marks (√) in the appropriate column against each statement.

Section I: Basic Information

Instruction: Please give your feedback for the space which is provided against each question.

Q1.	Name:
Q2.	Gender: ☐Male ☐Female ☐Others
Q6.	Location ☐ Urban ☐ Semi-urban ☐ Rural
Q7.	Stream: ☐ Humanities ☐ Commerce ☐ Science ☐Technical ☐ Vocational ☐Others (Specify_____).
Q8.	Source through which you came to know about SWAYAM MOOCs ☐Teacher ☐Family ☐Friend ☐Internet ☐Newspaper ☐ Any other (Please specify)_____
Q9.	Number of programmes you enrolled under SWAYAM platform ☐ 1 ☐2 ☐ 3 ☐4 ☐ 5 or more

Section II: Attitude Scale for students

Instruction: In this section, you need to put a tick mark (✓) against each statement which is given below:

(**Note:** SA= Strongly Agree, A= Agree, UD =Undecided, D =Disagree and SD =Strongly Disagree)

Sl. No	Statements	SA	A	UD	D	SD
1	Taking SWAYAM MOOCs is less costly than pursuing formal education.					
2	SWAYAM MOOCs supplement other courses of the university.					
3	It also supports the educational needs of students belonging to remote areas.					
4	It provides opportunities to develop a broad interest in a diverse range of subjects.					
5	It helps students find appropriate courses of their interest.					
6	SWAYAM MOOCs allow students to learn at their own convenience.					
7	The knowledge acquires through SWAYAM MOOCs is inadequate.					
8	SWAYAM MOOCs help students active engagement in the learning process.					
9	The course material is ideal for students requirements.					
10	The duration of course is too long					
11	The MOOCs course instructors are proficient in their content knowledge.					
12	SWAYAM MOOCs encourages innovative teaching methods.					
13	The course content is updated.					
14	The quality of the course content is of very low standard.					
15	SWAYAM MOOCs provide opportunities for students to get the diversity of learning material.					

16	SWAYAM MOOCs enhance classroom learning even better.					
17	In this course students pass with minimal efforts.					
18	SWAYAM MOOCs promote effective communication abilities					
19	Its leads to the development of harmful social media habits					
20	Course instructors use ineffective pedagogy.					
21	MOOCs courses create high academic pressure on students.					
22	It helps to improve problem-solving ability among the learner.					
22	It encourages cooperation among the learners.					
24	It promotes critical thinking ability among the learner.					
25	SWAYAM MOOCs encourage rote learning.					
26	It encourages self-learning.					
27	It does not promote experiential learning					
28	Discussion forums are well organized by the instructors.					
29	Course instructor timely responds to the queries.					
30	Course Instructors' feedback is constructive.					
31	Students participate actively in discussions forums					
32	I am satisfied with the interactive online discussion.					
33	The courses use multiple methods to assess student performance					
34	MOOCs assessment mechanism for learners is ineffective.					
35	SWAYAM MOOCs offer individual attention to every learner					
36	Learning materials are logically organized in MOOCs courses					
37	The final evaluations are of high quality in nature					
38	Assessments are not well-instructed.					

39	SWAYAM MOOCs assessments boost study habits.					
40	SWAYAM MOOCs certificates are of less value.					

Questionnaire for Students

Dear students

The researcher is conducting a study on the topic "**A study on Institutional Practices and Students Attitude toward MOOCs Implementation in the Higher Education Institutions of Assam.**" This Questionnaire is developed to collect data for the same purpose. You are requested to please spare some of your valuable time to give your responses to the statements in the scale. The information provided by you will be kept confidential and will be used for the purpose of this study only.

Name:	
Gender:	☐Male ☐Female ☐Others
Location	☐ Urban ☐ Semi-urban ☐ Rural
Stream:	☐ Humanities ☐ Commerce ☐ Science ☐Technical ☐ Vocational ☐Others (Specify_____).

Instruction: Please put a tick mark (✓) on the correct option and write your detail response on the open ended question

1. Do you think that lack of quality content is one of the problems in MOOCs course?
   ☐ Yes
   ☐ No
   ☐ Can't say

2. Is the quality of audio that was used in the MOOCs course is good?
   ☐ Yes
   ☐ No
   ☐ Can't say

3. Is the language barrier among the learner create difficulty in the implementation of

SWAYAM MOOCs?

☐ Yes
☐ No
☐ Can't say

4.   Is the Graphics which are used in the MOOCs course is appropriate?

☐ Yes
☐ No
☐ Can't say

5.   Is the syllabus for SWAYAM MOOCs course very vast?

☐ Yes
☐ No
☐ Can't say

6. How can the quality of course content in MOOC courses be improved? Give your suggestion.

----

7.   Do you think that exam-oriented approach creates problems in the implementation of

SWAYAM (MOOCs)?

☐ Yes
☐ No
☐ Can't say

8. Do you think that lack of continuous active engagement in the discussion forum creates problems smooth functioning of SWAYAM MOOCs?

☐Yes
☐No
☐ Can't say

9.   Do you think that absence of lab work is the major drawback in the implementation of SWAYAM (MOOCs)?

☐Yes
☐No
☐ Can't say

10.   Are the assignments creating hurdles in the implementation of MOOC through SWAYAM?

☐Yes

☐No

☐ Can't say

11. Do you face any problems with credit transfer at the end of the course?

☐Yes

☐No

☐ Can't say

12. How can the quality of assessment and discussion forum be improved? Give your
     suggestions

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13.   Do you think that Lack of time creates an obstacle to the implementation of

SWAYAM MOOCs?

☐Yes

☐No

☐ Can't say

14.   Do you think that lack of individual instruction is one of the major drawbacks
      in th implementation of SWAYAM MOOCs?

☐Yes

☐No

☐ Can't say

15.   Do you think that lack of creativity creates problems in the implementation of

SWAYAM MOOCs?

☐Yes

☐No

☐ Can't say

16. Do you think limited availability of resources to access courses creates barriers to the implementation of SWAYAM MOOCs?
☐Yes

☐No
☐ Can't say

17. Do you feel that lack of trained teachers is one of major drawbacks in the

implementation of SWAYAM MOOCs?

☐Yes
☐No

☐ Can't say

18. How can the learning strategies be improved? Give your suggestions.

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19. Do you feel that due to lack of Students interest, they are not participating in the
SWAYAM MOOCs?

☐ Yes
☐ No
☐ Can't say

20. Do you think that the cost of examination fees creates trouble in the implementation of SWAYAM MOOCs?

☐ Yes
☐ No
☐ Can't say

21. Do you think that insufficient prior knowledge about the topic creates obstacles in the implementation of SWAYAM MOOCs?

☐Yes
☐No
☐ Can't say

22. Do you think that lack of motivation creates difficulty in the implementation of

SWAYAM MOOCs?

☐Yes
☐No
☐ Can't say

23. Do you think that technical issues create hurdles in the implementation of SWAYAM MOOCs?
☐Yes
☐No
☐ Can't say
24. Do you think that over-the-course expectations create trouble for the implementation of SWAYAM?
☐Yes
☐No
☐ Can't say
25. Do you face any problems from the educational administration in implementation of SWAYAM MOOCs?

☐Yes
☐No
☐ Can't say
26. Any other suggestion related to MOOC courses of organized through SWAYAM portal?

	Questionnaire for SWAYAM Coordinator
	Dear Madam/sir The researcher is conducting a study on the topic "**A study on Institutional Practices and Students Attitude toward MOOCs Implementation in the Higher Education Institutions of Assam**." This questionnaire is developed to collect data for obtaining information on institutional practices and Students attitude toward MOOC courses. You are requested to please spare some of your valuable time to give your responses to each of the items in the questionnaire. The responses provided by you will be kept confidential and will be used for the purpose of this study only. **Instruction:** Please give your feedback for the space which is provided against each question
	PERSONAL INFORMATION
1.	Name (Optional)
2.	Gender ☐Male ☐Female ☐Others
3.	Designation_____-
4.	Working Area ☐ Administrative ☐Academic ☐ Other

Section I: Institutional Practices towards SWAYAM

Instruction: In this section, you need to put tick mark (✓) against each statement which is given below.

	Adoption of MOOCs
6.	Is your university adopting MOOCs under SWAYAM portal? ☐ Yes ☐ No. If no what are the reasons?_____ _____ _____ _____
	Do your university have specific policies and guidelines on practice of MOOCs programme?

7.	☐ Yes ☐ No (If yes, please give link or mention it briefly)_____ _____ _____ _____
8.	Do your university develop any MOOCs programme? ☐ Yes ☐ No
9.	Are you aware of different SWAYAM National Coordinators? ☐ Yes ☐ No
10.	Are you aware of UGC Amendment 2021 related to SWAYAM MOOCs? ☐ Yes ☐ No
11.	Have you participated in any workshops related to MOOCs? ☐ Yes ☐ No If yes, please mention it briefly_____ _____ _____ _____
12.	Is there any request coming from students to adopt SWAYAM MOOCs in your university? ☐ Yes ☐ No

13.	Do you think up to 40% of courses available on the SWAYAM portal are encouraging enough for the students to opt for SWAYAM MOOCs?
	
	    ☐ Yes (If Yes, how)_____
	
	    _____
	
	    _____
	
	    ☐ No (If No, what are the reasons)_____

	_____ _____ _____
14.	Have you organised any awareness programs for students with regard to MOOCs? ☐ Yes (Please mention it briefly) _____ ☐ No
15.	Have you organised any training program for SWAYAM course coordinators regarding designing MOOCs? ☐ Yes (Please mention briefly) _____ _____ ☐ No
16.	What kind of professional development/support did you provide to other MOOC instructors? (put tick mark as many as applicable) ☐ Assigned advisory role ☐ Provided MOOC-related books, reports, and ☐ Organise training program in online pedagogy ☐ Provided training in technology tools for making video lectures ☐ Provided an informal demonstration of the features, activities, or tools of your MOOCs to colleagues or others ☐ Other (please specify) _____ _____ _____ _____
	Promotion of MOOCs
17.	In what ways is SWAYAM Coordinator promoting SWAYAM MOOCs in higher education institutions?
a.	Informal promotions (by faculty) :(Please tick as many as applicable) ☐ Use personal and professional conversations ☐ Colleagues in other geographical areas ☐ Influencers and professional associations ☐ Alumni networks and students ☐ Special lectures by industry experts

b.	Formal Promotion (by universities/ institutions) Please tick as many as applicable
	☐ Institutional magazines
	☐ Newsletters and bulletins
	☐ Campus notice boards
	☐ Posters
	☐ Community publications
	☐ Intranets and mailing lists
	☐ Organize workshops, seminars and talk shows
	☐ On the homepage of universities website
	☐ Publicize in traditional media like newspapers and TV commercials
	☐ Use TVCs and radio jingles produced by UGC
c.	Use Social Media (by faculty & universities/ institutions/students): (Please tick as many as applicable)
	☐ Promotion of online communities/forums on related subject areas
	☐ Ask influential individuals to share through social networks
	☐ Use of Social Media networks like Whats App, Twitter, Facebook, etc
	☐ Blogs and articles in related forums
18.	Facilities available for the participants to ensure that physical facilities required for the MOOCs under SWAYAM portal. (Please tick on all that apply)
	☐ Laboratories,
	☐ Computer facilities
	☐ Libraries
	☐ Monitoring Cell
	☐Others_____
20.	Are there any incentives provided to the teachers for developing SWAYAM Course?
	☐ Yes (Please mention it briefly)_____ _____ _____
	☐ No
	Monitoring
21.	Is there any database available for those students who are joining different MOOCs under SWAYAM portal?

	□ Yes □ No
22.	Is there any monitoring of student's progress who have registered on the SWAYAM platform from your university? □ Yes (Please mention it briefly)_____ _____ _____ _____ _____ □ No
24.	If yes, How is student progress/participation monitored or tracked? (Put tick marks as many as applicable) □ Moderator feedback □ Unit-based progress □ Peer or group member reports □ Personal tracking from instructor □ Personal tracking from course instructor □ Self-evaluation □ Weekly or daily reports offered by learning analytics Other (Please describe): _____ _____ _____ _____
23.	Are there any incentives provided to the students for participating in SWAYAM MOOCs course? □ Yes (Please mention it briefly) _____ _____ _____ _____ □ No
	Section II: Problem and challenges towards SWAYAM MOOCs **Instruction:** In this section, you need to put tick mark (✓) against as many applicable options which are given below.

	Course Content
24.	What are the remunerations or motivation do you get for implementing SWAYAM MOOCS? □ Additional compensation □ Administrator support or encouragement □ Colleague support or encouragement □ Technical support □ Teaching or service recognition □ Valuable item for annual faculty productivity reports □ Financial incentives □ Other (please specify)_____ _____ _____
25	Is the quality of audio used in the MOOCs course is good? □ Yes □ No □ Can't say
26	Is the language barrier among the learner create difficulty in the implementation of SWAYAM MOOCs? □ Yes □ No □ Can't say
27	Are the graphics used in the MOOCs course appropriate? □ Yes □ No □ Can't say
28	Is the syllabus for MOOCs course very vast? □ Yes □ No □ Can't say
29	What challenges do you face while developing MOOCs? (put tick mark against as many as applicable options) □ Inadequate knowledge of e-learning program

	☐ Improper setting of objectives
	☐ Pre-requisite infrastructure
	☐ Proper guidance
	☐ Technical support
	☐ Funds
	☐ Strategies to engage Students interaction
	☐ Time limitation of designing SWAYAM MOOCs
	☐ Tracking Students learning progress
	☐ Lack of experienced teacher
	☐ Other (Please describe): _____ _____ _____
30	How can the quality of course content in MOOC courses be improved? Give your suggestions: _____ _____ _____ _____ _____
	Assessment and Discussion forum
31	Do you think that exam-oriented approach creates problems in the implementation of SWAYAM (MOOCs)? ☐ Yes ☐ No ☐ Can't say
32	Do you think that lack of continuous active engagement in the discussion forum creates problems in smooth functioning of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
33	Do you think that absence of lab work is the one of the major drawback in the implementation of SWAYAM (MOOCs)? ☐Yes ☐No

	☐ Can't say
34	Are the assignments creating hurdles in the implementation of MOOC through SWAYAM? ☐Yes ☐No ☐ Can't say
35	Do you face any problems with credit transfer at the end of the course? ☐Yes ☐No ☐ Can't say
36	How can the quality of assessment and discussion forum be improved? Give your suggestions : _____ _____ _____ _____ _____
	Learning Strategies
37	Do you think lack of time creates an obstacle in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
38	Do you think lack of individual instruction is one of the major drawbacks in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
39	Do you think lack of creativity creates problems in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
40	Do you think limited availability of resources to access courses creates barriers in implementation of SWAYAM MOOCs?

	☐Yes ☐No ☐ Can't say
41	Do you feel lack of trained teachers is one of the major drawbacks in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
42	How can the learning strategies be improved? Give your suggestions: _____ _____ _____ _____ _____
	Relevance of SWAYAM MOOCs
43	Do you feel that due to lack of Students interest, they are not participating in the SWAYAM MOOCs? ☐ Yes ☐ No ☐ Can't say
44	Do you think that the cost of examination fees creates trouble in the implementation of SWAYAM MOOCs? ☐ Yes ☐ No ☐ Can't say
45	Do you think insufficient prior knowledge about the topic creates obstacles in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
46	Do you think lack of motivation creates difficulty in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say

47	Do you think technical issues create hurdles in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
48	Do you think over-the-course expectations create trouble for the implementation of SWAYAM? ☐Yes ☐No ☐ Can't say
49	Do you face any problems from the educational administration in implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
50	How did you try to overcome the challenges you faced while implementing SWAYAM MOOCs in your institution? _____ _____ _____ _____ _____ _____

Questionnaire for SWAYAM Course Coordinator
Dear Sir/Madam   The researcher is conducting a study on the topic "A study on Institutional Practices and Students Attitude toward MOOCs Implementation in the Higher Education Institutions of Assam". This questionnaire was developed to collect data for the same purpose. You are requested to please spare some of your valuable time to give your responses to the statements in the scale. The information provided by you will be kept confidential and will be used for the purpose of this study only.   **Section I: Basic Information**   **Instruction:** Please give your feedback for the space which is provided against each question

PERSONAL INFORMATION		
Name:		
Gender:	☐Male ☐Female ☐ Others	

	Name of the Institute:
	Designation:
	Area of teaching: ☐ Technical ☐ non-technical ☐ Academic ☐ Others (Please specify)
	Qualification: ☐ Master's degree ☐ Ph.D. ☐ Any other
	Under which National Coordinators do you work: ☐ UGC ☐ NPTEL ☐ IGNOU ☐ CEC ☐ NCERT ☐ NIOS.

Section II: Institutional Practice towards SWAYAM MOOCs

Instruction: In this section, you need to put a tick mark (✓) against each statement which is given below.

1.	Is your university adopting MOOCs under SWAYAM portal? ☐ Yes ☐ No. If no what are the reasons?_____ _ _____ _____
2.	Are you aware of different SWAYAM National Coordinators? ☐ Yes ☐ No
3.	Are you aware of UGC Amendment 2021 related to SWAYAM MOOCs? ☐ Yes ☐ No
4.	Do your university have specific policies and guidelines on practice of MOOCs programme? ☐ Yes ☐ No (If yes, please give link or mention it briefly)_____ _____ _____ _____

5.	Have you trained to other MOOC instructors in regard to designing or teaching SWAYAM MOOCs?
	
	  ☐ Yes (If Yes, Please mention it briefly)_____
	    _____
	    _____
	    _____
	  ☐ No

6.	Have you provided suggestions to other MOOC instructors in regard to designing SWAYAM MOOCs?
	
	  ☐ Yes (If Yes, Please mention it briefly)_____
	    _____
	    _____
	  ☐ No

7.	Have you participated in any workshops related to MOOCs? ☐ Yes ☐ No If yes, please mention it briefly_____ _____

8.	Have you participated in any orientation programme related to SWAYAM MOOCs?
	
	  ☐ Yes (If Yes, Please mention it briefly)_____
	    _____
	    _____
	    _____
	  ☐ No

9.	Did teaching a MOOC significantly impact your teaching philosophy? ☐ Yes (If yes, How)_____ _____ _____ _____ ☐ No
10.	Have you organised any awareness programs for students with regard to MOOCs? ☐ Yes (Please mention it briefly) _____ _____ _____ _____

	☐ No
11.	Do you think up to 40% of courses available on the SWAYAM portal is encouraging enough for the students to opt for SWAYAM MOOCs? ☐ Yes (If Yes, how)_____ _____ _____ ☐ No (If No, what are the reasons)_____ _____
12.	Have you promote SWAYAM MOOCs in your institutions? ☐ Yes ☐ No. If no what are the reasons?_____ _____ _____
a.	If Yes, Please answer the following question Informal promotions (by faculty) :(Please tick as many as applicable) ☐ Use personal and professional conversations ☐ Colleagues in other geographical areas ☐ Influencers and professional associations ☐ Alumni networks and students ☐ Special lectures by industry experts
b.	Formal Promotion (by universities/ institutions) Please tick as many as applicable ☐ Institutional magazines ☐ Newsletters and bulletins ☐ Campus notice boards ☐ Posters ☐ Community publications ☐ Intranets and mailing lists ☐ Organize workshops, seminars and talk shows ☐ On the homepage of universities website ☐ Publicize in traditional media like newspapers and TV commercials ☐ Use TVCs and radio jingles produced by UGC
c.	Use Social Media (by faculty & universities/ institutions/students): (Please tick as many as applicable) ☐ Promotion of online communities/forums on related subject areas ☐ Ask influential individuals to share through social networks

	☐ Use of Social Media networks like Whats App, Twitter, Facebook, etc ☐ Blogs and articles in related forums
13.	What kind of professional development/support did you get from your institution ?(put tick mark as many as applicable) ☐ Assigned advisory role ☐ Provided MOOC-related books, reports, and ☐ Organise training program in online pedagogy ☐ Provided training in technology tools for making video lectures ☐ Provided a link to your MOOCs as an example to others ☐ Provided an informal demonstration of the features, activities, or tools of your MOOCs to colleagues or others ☐ Other (please specify) _____ _____
14.	Are there any incentives get from your instution for developing SWAYAM Course? ☐ Yes (Please mention it briefly)_____ ☐ No
16.	Is there any database available for those students who are joining your MOOCs programme? ☐ Yes ☐ No
17.	In what ways is instructor-learner interaction encouraged in your MOOC? (put tick mark as many as possible) ☐ Online discussion forum ☐ Personal email ☐ Phone call ☐ MOOCs Platform message ☐ Social media connections (e.g., Facebook, Twitter) ☐ Virtual Meeting ☐ Others_____ _____
18.	How is student progress/participation monitored or tracked? (put tick mark as many as possible) ☐ Moderator feedback

	☐ Unit-based progress
	☐ Peer or group member reports
	☐ Personal tracking from instructor
	☐ Personal tracking from course instructor
	☐ self-evaluation
	☐ Weekly or daily reports offered by learning analytics
	☐ Other (Please describe):
	_____
19.	In what ways do students get feedback in the course? (put tick mark as many as possible)
	☐ Instructor feedback
	☐ Moderator feedback
	☐ Outside expert feedback
	☐ Peer feedback
	☐ Self-feedback
	☐ System feedback
	☐ Assignment rubrics
	☐ Other (Please describe):
	_____
20.	Which of the following did you receive when teaching a SWAYAM MOOC? (put tick mark as many as possible)
	☐ Monetary benefit
	☐ Administrator support or encouragement
	☐ Colleague support or encouragement
	☐ Technical support
	☐ Teaching or service recognition
	☐ Other (please specify)_____
	____

Section III: Problem and challenge towards SWAYAM MOOCs

Instruction: In this section, you need to put tick mark (✓) against as many as possible each statement which is given below

1	What is your motivation for teaching SWAYAM MOOCs? (put tick mark as many as possible) ☐ Career development ☐ Commitment to open education ☐ Curiosity ☐ Institutional branding ☐ Institutional pressure ☐ Expand my professional network ☐ Financial incentives ☐ Learn new pedagogy ☐ Looking at the success of other MOOC instructors ☐ Passionate about the content ☐ Personal branding and reputation ☐ Other (please specify) _____ _
2.	Do you think that lack of quality content is one of the problems in MOOCs course? ☐ Yes ☐ No ☐ Can't say
3	Is the quality of audio that was used in the MOOCs course is good? ☐ Yes ☐ No ☐ Can't say
4	Is the language barrier among the learner create difficulty in the implementation of SWAYAM MOOCs? ☐ Yes ☐ No ☐ Can't say
5	Is the Graphics which are used in the MOOCs course is appropriate? ☐ Yes ☐ No ☐ Can't say
6	Is the syllabus for SWAYAM MOOCs course very vast? ☐ Yes

	☐ No ☐ Can't say
7.	What are the challenges do you face While developing MOOCs? (put tick mark as many as possible) ☐ Inadequate knowledge of e-learning program ☐ Improper setting of objectives ☐ Pre-requisite Infrastructure ☐ Proper Guidance ☐ Technical support ☐ Funds ☐ Strategies to engage Students interaction ☐ Time limitation of designing SWAYAM MOOCs ☐ Tracking Students learning progress ☐ Lack of experienced teacher ☐ Other (Please describe): _____
8	How can the quality of course content in MOOC courses be improved? Give your suggestion. _____ _____ _____
9	Do you think that exam-oriented approach creates problems in the implementation of SWAYAM (MOOCs)? ☐ Yes ☐ No ☐ Can't say
10	Do you think that lack of continuous active engagement in the discussion forum creates problems smooth functioning of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
11	Do you think that absence of lab work is the major drawback in the implementation of SWAYAM (MOOCs)? ☐Yes ☐No ☐ Can't say

12	Are the assignments creating hurdles in the implementation of MOOC through SWAYAM? ☐Yes ☐No ☐ Can't say
13	Do you face any problems with credit transfer at the end of the course? ☐Yes ☐No ☐ Can't say
14	How can the quality of assessment and discussion forum be improved? Give your suggestions --- --- --- --- ----------------------------------
15	Do you think that Lack of time creates an obstacle to the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
16	Do you think that lack of individual instruction is one of the major drawbacks in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
17	Do you think that lack of creativity creates problems in the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
18	Do you think limited availability of resources to access courses creates barriers to the implementation of SWAYAM MOOCs? ☐Yes ☐No ☐ Can't say
19	Do you feel that lack of trained teachers is one of major drawbacks in the implementation of SWAYAM MOOCs? ☐Yes ☐No

	□ Can't say
20	How can the learning strategies be improved? Give your suggestions. --- --- --- --
21	Do you feel that due to lack of Students interest, they are not participating in the SWAYAM MOOCs? □ Yes □ No □ Can't say
22	Do you think that the cost of examination fees creates trouble in the implementation of SWAYAM MOOCs? □ Yes □ No □ Can't say
23	Do you think that insufficient prior knowledge about the topic creates obstacles in the implementation of SWAYAM MOOCs? □Yes □No □ Can't say
24	Do you think that lack of motivation creates difficulty in the implementation of SWAYAM MOOCs? □Yes □No □ Can't say
25	Do you think that technical issues create hurdles in the implementation of SWAYAM MOOCs? □Yes □No □ Can't say
26	Do you think that over-the-course expectations create trouble for the implementation of SWAYAM? □Yes □No □ Can't say
27	Do you face any problems from the educational administration in implementation of SWAYAM MOOCs?

	☐Yes ☐No ☐ Can't say
28	Any other suggestion related to MOOC courses of organized through SWAYAM portal? ---

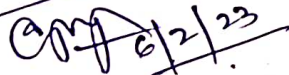F.No. 6/6-4/2023/PC/02   Date:19 /01/2023

TO WHOM IT MAY CONCERN

    This is to certify that Mr. Ramanath Gorain is a research scholar of the Department of Education, Tezpur University pursuing his Ph.D. in Education. He is conducting a research entitled **"A study on Institutional Practices and Students' Attitude toward MOOCs Implementation in the Higher Education Institutions of Assam"** under the supervision of Dr. *Pratima Pallai*, Assistant Professor, Department of Education, Tezpur University. This research is a part of his doctoral degree. He needs to collect data from students and faculty of your department. The purpose of collecting data is purely for research based. Thus, I kindly request you and your esteemed faculty of the department to facilitate his interviews, administration of questionnaires and avail his all the necessary information for the purpose of his research.

I assure you that there will be no misuse of this information and the source of this information will be kept concealed. I hope that in light of above-mentioned events you will allow his to have this information. I shall be very thankful to you for this kind favor.

To,
All Deans /HODs'/ Coordinators;
The above application is self
explanatory. Kindly help and
guide Mr. Ramanath Gorain
for his PhD research topic.

6/2/23

Prof.(Dr.) Ankur Ganguly
Dean- Academics
Royal Global University
Guwahati, Assam, India

19/01/2023

Prof. Nil Ratan Roy
Head
Department of Education
Head,
Department of Education
Tezpur University

ASSAM DON BOSCO UNIVERSITY

Tapesia Gardens, Kamarkuchi, Sonapur – 782 402, Assam, INDIA

Ref. No. F17/JJ/23-002 dated 01 February 2023
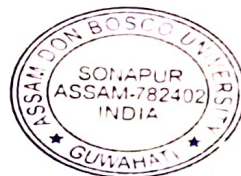
Permission letter for data collection

Mr. Ramanath Gorain, research scholar of the Department of Education, Tezpur University, is permitted to collect data related to MOOC usage by the students of Assam Don Bosco University. ERP in-charge of Assam Don Bosco University is requested to facilitate the data collection process, through Google sheet.

Mr. Ramnath Gorain is requested to acknowledge the contribution by Assam Don Bosco University, in his thesis.

Registrar
Assam Don Bosco University

Registrar
Assam Don Bosco University
Tapesia Gardens, Sonapur
Assam-782402, INDIA

F.No. 6/6-4/2023/PC/02   Date:19 /01/2023

TO WHOM IT MAY CONCERN

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I assure you that there will be no misuse of this information and the source of this information will be kept concealed. I hope that in light of above-mentioned events you will allow his to have this information. I shall be very thankful to you for this kind favor.

19/01/2023

Prof. Nil Ratan Roy
Head
Department of Education
Head,
Department of Education
Tezpur University

Allowed
Kalita 2/2
Head, Zoology.

A Study on Institutional Practices and Students' Attitude toward SWAYAM MOOCs Implementation in the Higher Education Institutions of Assam

by Ramanath Gorain

A Study on Institutional Practices and Students' Attitude toward SWAYAM MOOCs Implementation in the Higher Education Institutions of Assam