



DEVELOPMENT OF 21ST CENTURY SKILLS THROUGH EDUCATION

AUTHOR

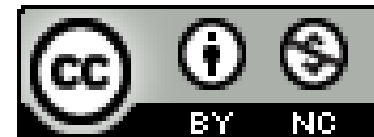
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Course Link: <https://canvas.instructure.com/courses/1578887>

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INTRODUCTION



MOTIVATION OF THE WORK

- Lack of awareness among our young learners and their teachers about essential 21st century skills.
- Interest in online learning and open education.



GOALS OF PROJECT

- To enable the teachers/pupil teachers to integrate 21st century skills in to their day today teaching-learning practice



UNESCO SDG

Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



TARGET AUDIENCE

Practicing teachers at different levels , pupil teachers, Teacher educators.

PROJECT RESULTS/MOOC

Quadrant-I - (e-Tutorial)

5 video lectures given by author

10 selected Videos OER

1 Animation OER

Some graphic's are also included

Quadrant-II - (e-Content)

8 short text articles,

4 case studies / scenarios

3 presentations

2 PDF files Web Resources such as further references, Related web- Links

This MOOC is equivalent to 1 credit i.e. 15 hours course offered as a time bounded mode (1 May to 15 June 2019) in a period of 5 weeks.

MOOC

Quadrant-III - (Assessment)

6 Quizzes,

5 Graded reflection through relevant questions,

1 Graded collaborative work

8 graded assignments

Quadrant-IV - (Discussion Forum)

4 case based discussions

2 small group discussions

1 collaboration activity

Course WhatsApp group (Scaffolding)

DESIGN ISSUES



Content related Issue

- Localization or translation in other language
- Appropriateness of OER
- Lengthiness content
- Quality and meaningfulness
- Determine quality of developed content
- How to decide authenticity of developed content
- Complexity and ambiguity in content





TECHNICAL ISSUES

- **Recording/Editing / mixing**
- **Organization**
- **Lack of technical expertise**
- **Limited free access of different applications**
- **Cost of development**
- **Lack of human resources**
- **Content Development is more time consuming**
- **Plagiarism**



IMPLEMENTATION ISSUE

- **Delivery related Issues**



➤ **Selection of delivery media**

➤ **Technical complexity of media**

➤ **Technical lacuna's of media**

➤ **Pedagogical organization of designed content**

➤ **Student centered user-friendly delivery is one of the challenge**

➤ **Medium of instruction Language issue**

➤ **Mobile network and compatibility of devices**

IMPLEMENTATION ISSUE



- **Learner related issue**

- **Maintain learners learning motivation is big challenge**

- **Lack of patience and passion**

- **Lack of technical skills (like online collaboration)**

- **learners don't spent required time for reading/ watching/ listing support material**

- **Technological fear /lack of confidence**

- **Dropout**

- **Lack of self learning skills**

How resolved this issue



- **Did 2 online courses regarding online course design.**
- **Have discuss my issues with my mentor and hub coordinator.**
- **Followed the online video tutorials given by YouTube / Udemy/Open learning and.**
- **Have taken peer review from my collages and students.**
- **Have use course WhatsApp group as scaffolding.**
- **Have used Templets/models/assessment rubrics for to reduce complexity.**
- **Have more focus on visualization for to sustain attention in course.**
- **Have provide Real-time feedback on students work for to motivate them**
- **Have arranged announcements and remainder.**

Process of MOOC Development



112 People enrolled
Out of them 45 students
are actually started the
learning

Course started

100%

Course uploaded on Canvas

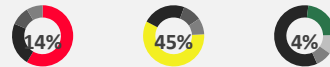
90%

Explored Different LMS

Development of 21st century skills

Curantly in this MOOC Learning and innovation skills are covered .

Course complication rate



Teacher educator. Practicing teacher Pupil teachers.

Development of Content

I have completed one online course "Design world class course" provided by open learning

80%
On this stage I have developed 5 video lectures, 6 Quizzes, 8 assignments, 4 Case study's, 1 collaboration, discussion forum etc.

Serching course content OER

I have complited one oneline course "understanding Open education resourseces " provided by COL.

25%
After end of 2nd month I have serche and selected 8 OER Videos and 3-4 web resources in

10%

in first month I have discuss with my mentor and hub coordinator and finalize my course syllabus with expected learning outcomes

Course structure

I was serch the skills and world wid context of development of 21st century skills through education

0%

At the beginning I only had a course idea.

5 modules:
1. issues and challenges of 21st century

2. Criativity and innovation skills
3. Communication skill

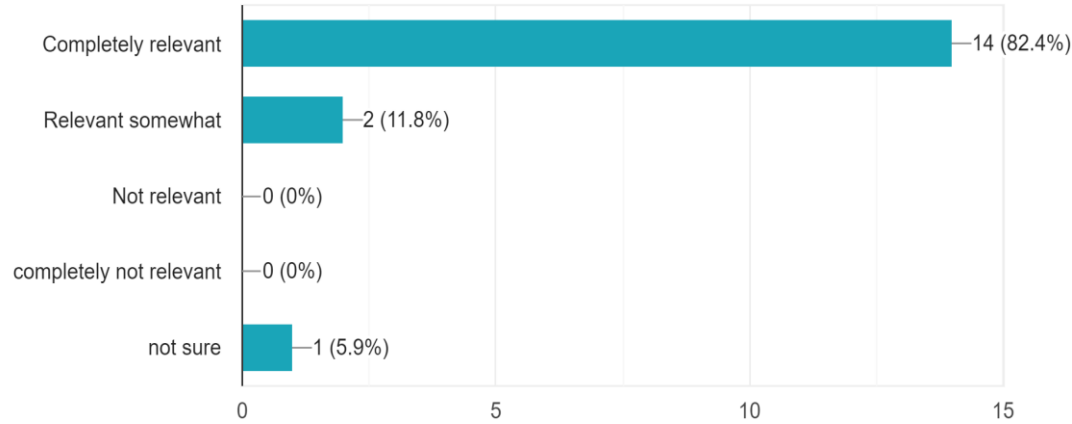
4. Collaboration Skill
5. Criativity skill

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PARTICIPANTS VIEW ABOUT COURSE

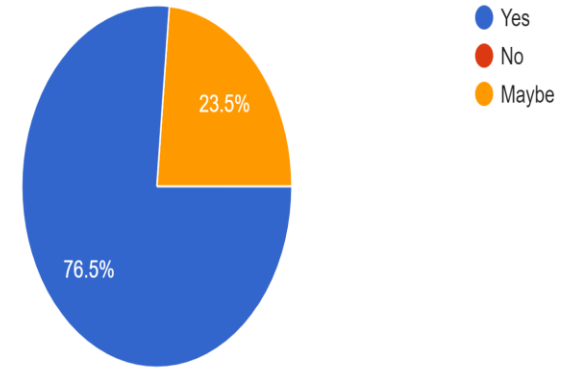
How relevant is this course in contemporary context?

17 responses



Did this course meet your expectations?

17 responses

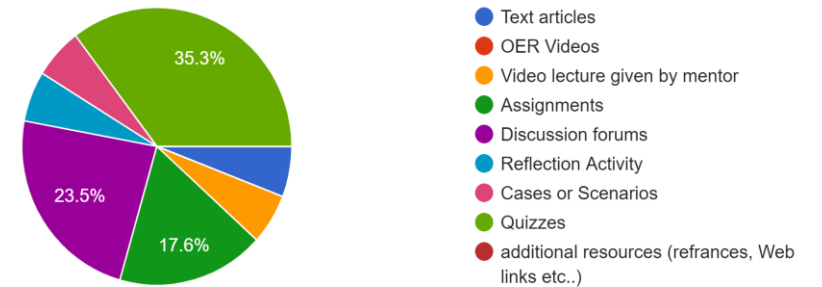


How do you rate the organization of course content?



Which part of course you have most enjoyed?

17 responses



Future Plans

1 To complete remaining 21st century skills and develop a 4 credit 60 hours advance level course



4

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



2

To search opportunity in field of OER Development and open education



3

To create MOOC for Teacher Education



5 BW



OPEN EDUCATION
for a **BETTER WORLD**



THANK YOU!



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