



Aliah University

(Under the department of Minority Affairs and Madrasah Education, Govt. of West Bengal)
IIA/27, New Town, Kolkata - 700160, Phones: (033) 2341 6444, West Bengal, India

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT-enabled tools including online resources for effective teaching learning process

Additional information provided herewith:


Registrar (Officiating)
Aliah University
New Town, Kolkata-700160

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT-enabled tools including online resources for effective teaching learning process (10)

Write description in a maximum of 500 words

Experimental and Experiential Learning:

The Institution has initiated a number of student centric methods. Experimental and Experiential learning occurs in Humanities and Social Sciences, as well as Natural Sciences and Engineering. The following initiatives are taken to enhance the first-hand experience, skill set and knowledge of the students.

Internship: Several courses such as Five-year Integrated MBA and all the engineering courses include 6 week to 8 week internship as a part of the curriculum. The Training and Placement Cell of the university actively supports students to find internships at top level organizations. The Nursing Department has an inbuilt component of internship as a part of their course. Moreover, the university provides academic support for intern fellows from other universities at the postgraduate level.

Field Trips: Departments like Economics, Geography, Biological Sciences, and Nursing organizes regular field trips for the students as a part of their learning. Students of the Departments of Mathematics and Statistics, Law and Education, undertake Field Work and Survey Methods for data collection while writing Masters dissertation and Doctoral thesis.

Role Play/ Case Study: Departments like Management & Business Administration, Economics English, Arabic, Education, Law, Journalism and Mass Communication use teaching methods involving role play and case study. Geography likewise relies heavily on Case study method. Students are encouraged to develop live business cases, live classroom ambience, live socio-cultural, socio-political situations and offer solutions.

Community projects: Several departments of the university namely Geography, Journalism and Mass Communication, Biological Sciences Nursing along with NSS directly involve students in community development activities and other outreach programmes.

Use of ICT enabled tools: In this context the disciplines may be divided into two halves. Programmes of Humanities and Languages use ICT in teaching and learning process but in a restricted way, although Journalism and Mass Communication, Geography and certain Courses in English are heavily dependent on Power Point presentations, screening of cinema and YouTube and other social media handles. The pandemic has perhaps more of the flipside, but it has definitely brought in a positive revolution in the field of ICT enabled teaching.

Programmes of Science, Engineering and Management have been conventionally making use of ICT as a tradition. The practice has in recent years upgraded from good to better. Using the Google classroom platform has become an additional and alternative space for teaching since the COVID years. The university has a number of smart class rooms for the purpose and each department has LCD projectors installed to make use for PPT presentation in the class. Study materials, and associated links are uploaded in the LMS platform.

Participative learning:

-Use of survey and other instruments based learning need participation of a number of students. While teachers train and supervise such works at the initial stage of learning, they are subsequently encouraged and assigned participative learning of their own.

-Professional courses as English Language Teaching and Programmes as B.Ed. require participative, micro or practice teaching. A number of innovations are noticed through such learning processes and hence it enhances learning experience too.

Biman Chakraborty, Assistant Professor, Department of Mathematics and Statistics, Aliah University

We use several ICT tools for the Teaching, Learning and Evaluation. We use these tools from the lockdown. We use the following ICT Tools:

1. **Google Classroom:** We use this Google Classroom as a virtual classroom for post covid situation and use this platform for several purposes such as to share notes, presentation slides, video recordings, and to discuss. We post Assignments, Problem sets here and students also submit their answers here. We also share the evaluated scripts here and discuss their doubts here as well as in tutorial classes.

Supporting Documents:

- <https://drive.google.com/file/d/1s4OLc6YjnHPjIVSsFhylRhZC475CQ1wj/view?usp=sharing>
- <https://drive.google.com/file/d/1R6K0tP3iLuz1TxwpFvnj8PjwlRV7k5xX/view?usp=sharing>
- https://drive.google.com/file/d/1117zmMTXREb8pEYZnQQfvmfJP2CIA_4/view?usp=sharing
- https://drive.google.com/file/d/1LvCVmXpE10C_X73ESn9mknSo-9Je_WBG/view?usp=sharing

2. **Google Meet:** After the lockdown period we deliver lectures through video conferencing. We also share the recorded videos in the Google Classroom so that students can also see the video after the class.

Supporting Document:

<https://drive.google.com/file/d/1Cw7b8TFxTjSDmScbYquLGnc-7En8X1yx/view?usp=sharing>

3. **WhatsApp:** Apart from the regular classes or video conferences we use WhatsApp to communicate with students, share notes, documents and to discuss on the queries of the students. Sometimes we also use audio calls for discussions.

Supporting Document:

https://drive.google.com/file/d/1AsoHaSI6mJ05XZJf2LHp_-8zcpfPzHeJ/view?usp=sharing

4. **Google Form, JotForm and Kahoot:** Sharing notes/video conference is not all about teaching-learning process. Interaction and Evaluation is also an important part of this process. We use Google form, JotForm, Kahoot etc. for the test based on multiple choice questions. We have seen that students enjoy the MCQ quizzes. We use Google classroom for the tests based descriptive questions.

Supporting Documents:

- https://drive.google.com/file/d/14aCezI_BC3_hLosRh2I2AmWYvi4572oa/view?usp=sharing
- <https://drive.google.com/file/d/11vNTIMuE16R3RY4uRXZsnVr3iHxjPwpE/view?usp=sharing>
- https://drive.google.com/file/d/1sAc_dr7Dkh6SJFAxcjynEu7eTc6X2Ozt/view?usp=sharing
- https://drive.google.com/file/d/1WJ4NzpFlliq-cOZ961Jm4eq_sOig6pBm/view?usp=sharing
- https://drive.google.com/file/d/1Sz0Q5DeE7_WV7WomDFfZULzvGL-MDqwg/view?usp=sharing

Geo-tagged photos of virtual , online class room, Photographs of Faculties using Projectors etc, Photographs of Smart Classrooms, Photographs of Field trips/ Surveys, microteaching, Internship and other related activities of faculties and students.

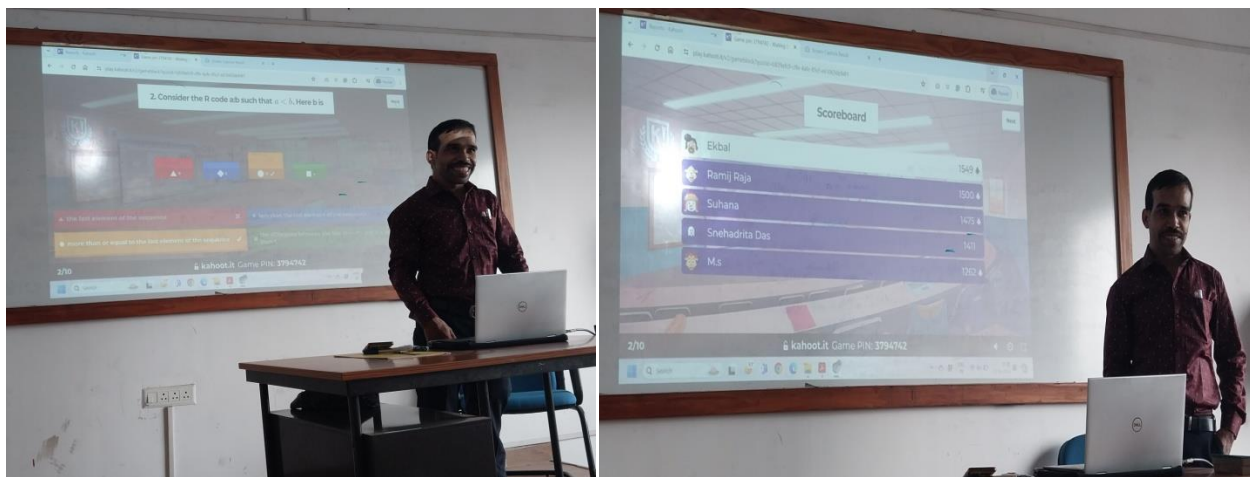


Figure 1 Uses of ICT tool Kahoot in teaching learning, where students participated actively.

Biman Chakraborty, Assistant Professor, Department of Mathematics and Statistics, Aliah University

We use several ICT tools for the Teaching, Learning and Evaluation. We use these tools from the lockdown. We use the following ICT Tools:

1. **Google Classroom:** We use this Google Classroom as a virtual classroom for post covid situation and use this platform for several purposes such as to share notes, presentation slides, video recordings, and to discuss. We post Assignments, Problem sets here and students also submit their answers here. We also share the evaluated scripts here and discuss their doubts here as well as in tutorial classes.

Supporting Documents:

- <https://drive.google.com/file/d/1s4OLc6YjnHPjIVSsFhylRhZC475CQ1wj/view?usp=sharing>
- <https://drive.google.com/file/d/1R6K0tP3iLuz1TxwpFvnj8PjwlRV7k5xX/view?usp=sharing>
- https://drive.google.com/file/d/1117zmMTXREb8pEYZnQQfvmfJP2CIA_4/view?usp=sharing
- https://drive.google.com/file/d/1LvCVmXpE10C_X73ESn9mknSo-9Je_WBG/view?usp=sharing

2. **Google Meet:** After the lockdown period we deliver lectures through video conferencing. We also share the recorded videos in the Google Classroom so that students can also see the video after the class.

Supporting Document:

<https://drive.google.com/file/d/1Cw7b8TFxTjSDmScbYquLGnc-7En8X1yx/view?usp=sharing>

3. **WhatsApp:** Apart from the regular classes or video conferences we use WhatsApp to communicate with students, share notes, documents and to discuss on the queries of the students. Sometimes we also use audio calls for discussions.

Supporting Document:

https://drive.google.com/file/d/1AsoHaSI6mJ05XZJf2LHp_-8zcpfPzHeJ/view?usp=sharing

4. **Google Form, JotForm and Kahoot:** Sharing notes/video conference is not all about teaching-learning process. Interaction and Evaluation is also an important part of this process. We use Google form, JotForm, Kahoot etc. for the test based on multiple choice questions. We have seen that students enjoy the MCQ quizzes. We use Google classroom for the tests based descriptive questions.

Supporting Documents:

- https://drive.google.com/file/d/14aCezI_BC3_hLosRh2I2AmWYvi4572oa/view?usp=sharing
- <https://drive.google.com/file/d/11vNTIMuE16R3RY4uRXZsnVr3iHxjPwpE/view?usp=sharing>
- https://drive.google.com/file/d/1sAc_dr7Dkh6SJFAxcjynEu7eTc6X2Ozt/view?usp=sharing
- https://drive.google.com/file/d/1WJ4NzpFlliq-cOZ961Jm4eq_sOig6pBm/view?usp=sharing
- https://drive.google.com/file/d/1Sz0Q5DeE7_WV7WomDFfZULzvGL-MDqwg/view?usp=sharing



Fig. 2. Experimental learning (a) Dept of Biological Sciences (b) Dept of Physics, (c) Dept. of Chemistry, (d) Dept of Electronics and Communication Engineering



Fig. 3. Experiential learning. (a) Field survey at Sundarban area by the Dept. of Biological Sciences, (b) Measuring the wave frequency at Visakhapattanam by the Dept. of Geography (PG final year: Advanced Geomorphology) , (c) Measuring the relief profile of Aliah University playground using Dumpy level by the Dept. of Geography, (d) Measuring the riverbed pebbles in Sikkim by the Dept. of Geography, (e) Collection and study of crabs by the Dept. of Biological Sciences, (f) Measuring the Cross-section of Churni River near Kalinarayanpur Bridge by Dept. of Geography.



Practice of Micro Teaching Skill Set Induction in Simulated Condition

Date:06/04/2023

Topic: Importance of Saffron Colour of National Flag

Name of Student-Teacher: Jinia Sultana

R.No.: BED222036



Practice of Micro Teaching Skill Set Induction in Simulated Condition

Date:06/04/2023

Topic: Importance of Colours of National Flag

Name of Student: Teacher: Masum Billa Miah

R.No.: BED222037



Practice of Micro Teaching Skill Set Induction in Simulated Condition

Date:06/04/2023

Topic: Importance of White Colour of National Flag

Name of Student-Teacher: Sourajit Bhattacharya

R.No.: BED222039

Fig. 4. Practice of Micro Teaching Skill



Fig. 5 Internship of Nursing students.