

A Talk on
“Exploring AI Tools in Education for Teachers”
(March 14th, 2024)
Organized by
Computer Science Department in collaboration with Internal Quality Assurance Cell
(IQAC)
Lady Keane College, Shillong

REPORT
(Lizia Sahkhar)

Introduction

In an era where technological advancements are reshaping traditional educational paradigms, there is a need to empower educators with the knowledge and tools needed to navigate and harness the transformative potential of AI. As we embark on this educational journey, we will unravel the multifaceted aspects of AI and its profound impact on teaching and learning. Keeping this in mind, the Department of Computer Science in collaboration with the Internal Quality Assurance Cell (IQAC), at Lady Keane College, organized this *Talk on Exploring AI Tools in Education for Teachers*, to explore the dynamic intersection of Artificial Intelligence (AI) and education, with a specific focus on its relevance for teachers.

Aim and Objectives

This workshop aims to empower teachers with knowledge and skills related to AI, addressing various facets from its relevance in education to practical applications and ethical considerations.

Profile of the Resource Person

Dr. Bunil Kumar Balabantaray is currently working as an Assistant Professor in the Department of CSE, NIT Meghalaya, India. He received the Ph. D. degree from NIT, Rourkela, Odisha, India. He has 13 years of teaching and research experience. He has published 70+ papers in reputed journals, conferences and book chapters. He is a member of IEEE, Life member of ISTE and Associate member of UACEE. His research interests are cyber security, image processing, cloud computing, biomedical image, analysis, and robotics. His Google Scholar Citations reached 350+ with an h-index 9 and i10-index 8. He acted as a reviewer in many reputed journals of IEEE, ACM, Elsevier, Springer and Hindawi, and many reputed conferences.

Sessions

The session starts with the Inaugural Session at the Seminar Hall scheduled at 1 PM. In the inaugural session, Principal Dr. D. K. B. Mukhim gave the welcome address and expressed the importance of updating oneself with the latest technology for enhancing and improving the imparting of education to the masses.

The one-hour technical session starts with the resource person, Dr. B. K. Balabantaray, highlighting the objectives of the talk, which include adaptive learning platforms, a chatbot for student support, and intelligent tutoring systems. Bringing the concept of adaptive learning and

intelligent tutoring systems can improve pedagogy by utilizing existing technology for providing customized content to students. Education can also be made more accessible to students by creating AI chatbots where students can express their needs and suggestions for extra classes or materials on difficult topics and improve the knowledge of students in need. He also introduced the concept of gamification in teaching to make the topic more interesting and build students' interest in the subjects.

The use of ChatGPT for making faster and better presentations was demonstrated where AI can easily generate multimedia PPTs, which can help to maintain format and style consistency in an easier way while communicating ideas in a better and faster way.

Programme Outcomes

Participants leave the workshop with a comprehensive understanding of AI in education, practical insights into implementing AI tools, and strategies for enhancing their teaching practices and contributing to improving student outcomes.

Programme Schedule

PROGRAMME SCHEDULE

01:00-01:15 **Inaugural Session at Seminar Hall**

- i) Presentation of bouquets
- ii) Welcome Address by Principal
- iii) Vote of thanks

01.15-02.30 **Technical Session:**

Exploring AI Tools in Education for Teachers

- **Dr. Bunil K. Balabantaray, NITM, Shillong**

Refreshments

Attendance


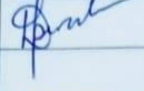
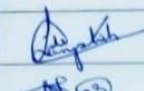

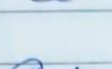
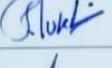
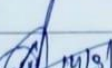
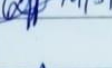
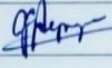


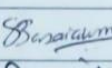

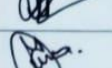
LADY KEANE COLLEGE, SHILLONG
A Talk on "Exploring AI Tools in Education for Teachers"
organised by Computer Science Department in collaboration with
Internal Quality Assurance Cell, Lady Keane College
Date: 14th March, 2024
Venue: Seminar
Time: 01:00 PM

Sl. No.	Name of the Teachers	Department	Signatures
1.	Dr. Dranwell Khlur Baniaineh Mukhim	Principal	
2.	Dr. (Mrs.) Anjalee M Shangpliang	Vice-Principal	
3.	Dr. Ksanbok Makdoh	IQAC Co-ordinator	<i>Kakdoh</i>
4.	Mr. James Pyngrope	Education	
5.	Mrs. Fenella Anette Wahlang	Education	
6.	Dr. (Mrs.) Susan Wandaphisha Lyngdoh	Education	<i>Susan</i>
7.	Mrs. Kerdalari Dkhar	Education	
8.	Mr. Bernard Marbaniang	Political science	
9.	Mr. Kitriphar Tongper	Political science	
10.	Mr. Ngaraipam Mahongnao	Political science	<i>Ngaraipam</i> 14/3/23
11.	Mr. Obadiah Lamshwa Lamare	Political science	
12.	Dr. Bashemphang Rorine Syiem	Economics	
13.	Mr. Bashai kupar Wanswett	Economics	
14.	Mr. Wesking Khyriem	Economics	<i>Wesking</i> 14/3/23
15.	Dr. Apsaralin Nongsteng	Economics	
16.	Mr. Alphonse R. Myrthong	History	
17.	Dr. (Mrs.) Merryvelle Jyrwa	History	<i>Merryvelle</i>
18.	Dr. Ibameai Hepsa Nongbri	History	<i>Nongbri</i>
19.	Mrs. Savitri Nongsiej	Philosophy	
20.	Mrs. Jenika Kharlor	Philosophy	<i>Jenika</i>
21.	Dr. (Ms.) Riolina J. Nongrum	Sociology	
22.	Mrs. Aldila Marie Agnes Gothorp Mawlong	Sociology	
23.	Ms. Beena Jayal Sawkmie	Sociology	<i>Beena</i>
24.	Mrs. Akilarisa Lyngdoh	Sociology	<i>Akilarisa</i>
25.	Dr. (Mrs.) Clarissa Sawian	English	

LADY KEANE COLLEGE, SHILLONG
A Talk on "Exploring AI Tools in Education for Teachers"
organised by Computer Science Department in collaboration with
Internal Quality Assurance Cell, Lady Keane College
Date: 14th March, 2024
Venue: Seminar
Time: 01:00 PM

Sl. No.	Name of the Teachers	Department	Signatures
26.	Mrs. Eudora Khonglah	English	
27.	Mrs. Philakyntiew Nongkhlaw	English	<i>Philak</i>
28.	Ms. Sarah Syngkon	English	<i>Syngkon</i>
29.	Mr. Nangsan Kupar Swer	English	<i>Nangsan</i>
30.	Mrs. Releo Rapsang	Khasi	
31.	Mr. Arborlin Snaitang	Khasi	<i>Arborlin</i>
32.	Dr. (Ms.) Barrylia Mesha Wolflang	Khasi	
33.	Mrs. Ibaiamonlin Warjri	Khasi	<i>Warjri</i>
34.	Mrs. Parlinsha Pyngrope	Khasi	<i>Parlinsha</i>
35.	Dr. (Smt.) Joyashree Misra	Bengali	<i>Joyashree</i>
36.	Mrs. Pallavi Paul	Bengali	
37.	Dr. Ruma Moni Boruah	MIL Assamese	
38.	Dr. (Mrs.) Jean Simonne Dkhar	MIL Hindi	<i>Jean</i>
39.	Mr. Saint Quil N. Sangma	MIL Garo	<i>Saint Quil</i>
40.	Dr. Shailanstar Khongsit	Mathematics	<i>Shailanstar</i>
41.	Mrs. Ibadahunlang Kharkongor	Mathematics	<i>I. Kharkongor</i>
42.	Mr. Honestar Nongdhar	Mathematics	
43.	Mr. Khraw Kupar Pyngrope	Mathematics	
44.	Mr. Kevin Howard Mark Pala	Botany	
45.	Shri. Kanhaiya Lal Chaudhary	Botany	<i>KL</i>
46.	Dr. (Mrs.) Shairi Nongbri	Botany	
47.	Dr. Pynsakhiat Law	Botany	
48.	Dr. Carefulness Macnelson Dirborne	Botany	<i>Macnelson</i>
49.	Mr. Banshanborbah Kharkamni	Physics	
50.	Mrs. Badarisuklin Dkhar	Physics	<i>Badarisuklin</i>

LADY KEANE COLLEGE, SHILLONG
A Talk on "Exploring AI Tools in Education for Teachers"
organised by Computer Science Department in collaboration with
Internal Quality Assurance Cell, Lady Keane College
Date: 14th March, 2024
Venue: Seminar
Time: 01:00 PM

Sl. No.	Name of the Teachers	Department	Signatures
51.	Mr. Donny D. Wahlang	Physics	
52.	Mr. Kyrshanlang Nongbri	Physics	
53.	Mr. Alwin Nongbri	Physics	
54.	Dr. Bioletty M. Lawriniang	Physics	
55.	Mrs. Wandalin Lyngdoh	Zoology	
56.	Mrs. Deisakee Pyrbot Warbah	Zoology	
57.	Dr. (Mrs.) Khamtilin Kharshiing	Zoology	
58.	Mr. Mebanshan Langstieh	Zoology	
59.	Dr. Errine Decruse Dhar	Zoology	
60.	Mr. Eric Reuben Dkhar	Chemistry	
61.	Mr. Danny Ferrol Diengdoh	Chemistry	
62.	Dr. Teiborlang Mukhim	Chemistry	
63.	Dr. Carley Giffert Lyngdoh Nongpiur	Chemistry	
64.	Dr. Deswyn Gordon Marbaniang	Chemistry	 14/3/2024
65.	Dr. (Mrs.) Saphidabha Lyngdoh Nongbri	Chemistry	
66.	Dr. Gareth Gordon Syngai	Biochemistry	
67.	Mrs. Manbha Challam	Biochemistry	
68.	Mrs. Hunhameshisha Mawroh	Biochemistry	
69.	Dr. Daniel Nongbri	Biochemistry	
70.	Dr. (Mrs.) Stephanie Paula Basaiawmoit	Biochemistry	
71.	Mrs. Lizia Sahkhar	Comp Sc & BCA	
72.	Mainul Haque	Comp Sc & BCA	
73.	Ms. Darihunlang Mawiong	Comp Sc & BCA	
74.	Ms. Janailin Warjri	Comp Sc & BCA	
75.	Dr. Juniorika Lyngdoh	Comp Sc & BCA	

Expenditure

AI Programme		
Sl.No.	Particulars	Amount (in Rs)
1	BCD Computer , Sl. No. 2901	660
2	C. Sharma, Sl. No. 256	3050
3	Janai Kharkrang, No. 1137	1600
4	The Matana, Sl.No. 413	11050
5	Remuneration to Resource Person	4000
	Grand Total	20360
(Rupees Twenty thousand three hundred and sixty)		

Photographs



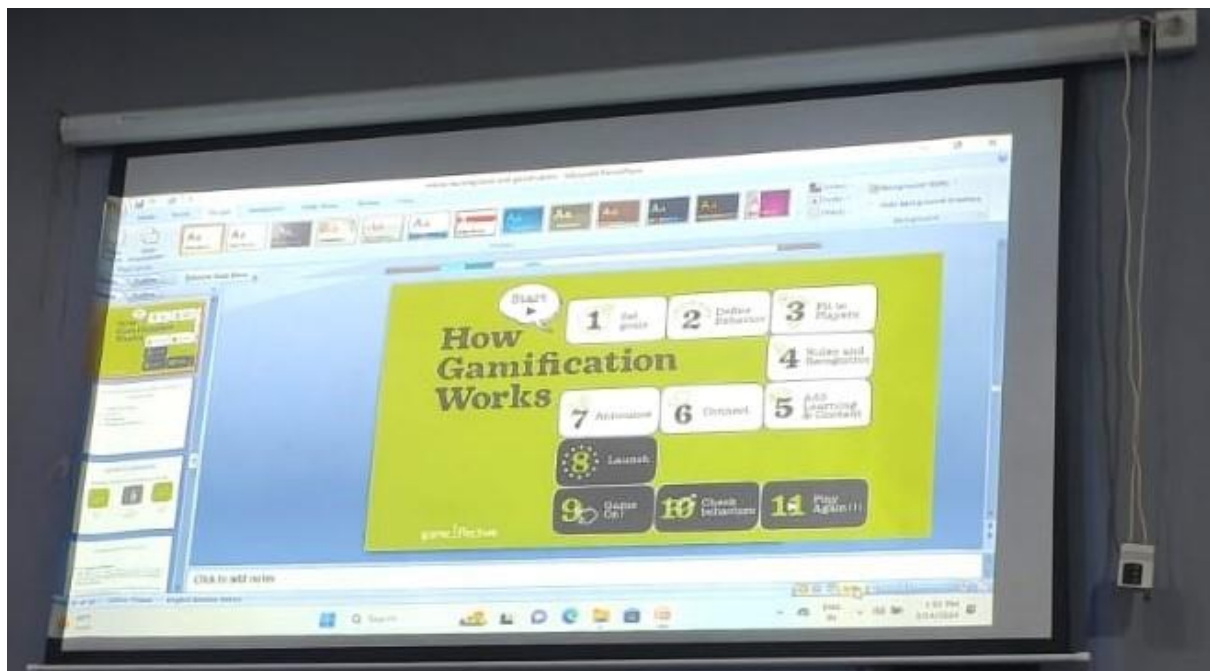




Gamification

The use of game mechanics and experience design to digitally engage and motivate people, driving the achievement of business goals.

Gamification is the application of game-design elements and game principles in non-game contexts.





THANK YOU