Department of Computer Science Rollwala Computer Center Gujarat University

National Webinar On "Use of Technology in Education"



On the occasion of "celebration of one year of National Education Policy 2020", Department of Computer Science, Gujarat University, Ahmedabad, Gujarat Organized a National Webinar on "use of technology in education" on Tuesday, 10th August 2021 at 3.00 PM. The event was live on Facebook and YouTube. The session started with a brief Inaugural session followed by the Invited talk. The speakers were Dr. Jyoti Pareek. Prof. and Head of the department, Computer Science, Gujarat University and Shri Pushpdeep Mishra, Senior Manager, working with Virtual Labs, IIT Bombay.



The Inaugural session began with the University song and a formal welcome of the guests and participants. Dr. Jyoti pareek talked about the importance of technology in the education and the focus it's given in NEP 2020. She emphasized on use of multimedia, interactive whiteboards, and virtual tour in teaching. She talked about digital India and the role of learning management system in 'anytime anywhere learning'. She also talked about current trends in technology for education, such as gaming, AI, VR/AR and robotics. She also talked about challenges in online education.





- development of online teaching platforms, tools and digital content
- creation of virtual labs and digital repositories
 training teachers to become high quality online content creators
- designing and implementing of online assessments
 establishing standards for content, technology and pedagogy for online teaching-learning.
 - cagogy for online teaching-learning.

As an AI system reads and evaluates an individual's behavior, it will tailor content accordingly adjusting the complexity of the content based on the responses of the child and enables him/her to learn at their own pace. This will adj in curating content to meet individual learning needs and abilities

AI can help develop auto evaluation tools.

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Shri Pushpdeep Mishra, started his session with bloom's taxonomy of learning objectives. He talked about the outreach programs and working of virtual labs and its applications. He demonstrated various experiments using virtual labs. He demonstrated the vlabs community portal. He also talked about the evolution of boot camps during last few years. He talked about roadmap for improving pedagogy and functionality of virtual labs



He commented on the contribution made by Gujarat University in the content development.

Expts in lab	Developer Name	
	Developer Name	Developed by the h
14	Prof. Manish Nagoshe	PVG's COET Pune
14	Prof Tanuja Khatavkar	PVG's COET Pune
13	Prof.Minal R. Apsangi, Prof. Urmila .Kalshetti	PVG's COET Pune
8	Prof. Meenal Apsangi, Prof Tanuja Khatavkar	PVG's COET Pune
11	Prof. J H Nirmal	K J Somaiya COE, Mumbai
3	Prof. Nitin Bhate	MSU Baroda
1	Prof. Abhilasha Mishra	MIT, Aurangabad
5	Prof. Jyoti Pareek, Prof. Bhumika Shah	Gujarat University, Ahmedabad
8	Prof. Anil Bhadgale	PVG's COET Pune
1	Prof.Prashant Gupta	MIT Aurangabad
1	Prof.Trishul Kulkarni	MIT Aurangabad
1	Prof.Bhagwan Toksha	MIT Aurangabad
ty 1	Prof.Pradeep Kumar Singh	Jaypee University, Solan.
1	Prof. Mansi Joshi	Gujarat University, Ahmedabad
	14 13 8 11 3 1 5 8 1 1 1 1 1 1	14 Prof Tanuja Khatavkar 13 Prof, Minal R. Apsangi, Prof. Urmila. Kalshetii 13 Prof, Meenal Apsangi, Prof Tanuja Khatavkar 11 Prof. J H Nirmal 3 Prof. Nitin Bhate 1 Prof. Abilisha Mishra 5 Prof. Apilisha Mishra 8 Prof. Anii Bhadgale 1 Prof. Prof. Shant Gupta 1 Prof. Prishuk Kulkarni 1 Prof. Trishuk Kulkarni 1 Prof. Trishuk Kulkarni 1 Prof. Trishuk Kulkarni 1 Prof. Brogwan Toksha 1 Prof. Prof. Brudeep Kumar Singh

A formal vote of thanks was presented by Dr. Jyoti Pareek.



The program was anchored by Dr. Maitri Jhaveri, Department of Computer Science very gracefully. The technical support was provided by Dr. B.S. Agrawal, Director, Rollwala Computer Center, Mr. Dharmesh Sonagra, Ms. Jinali and Ms. Vaidehi from Department of Computer Science. All participants received e-certificates.