

**Online Faculty Development
Program on**

**ENHANCING STUDENT
ENGAGEMENT USING TECHNOLOGY
AND INNOVATIVE DELIVERY MODELS
INCLUDING PEDAGOGY**

2 Jan. 2025 to 7 Jan. 2025

Organised by
**Association of Indian
Universities – Desh Bhagat
University, Punjab - Academic
and Administrative Development
Centre (AIU-DBU-AADC)**

ABOUT AIU:

Association of Indian Universities (AIU) is an apex inters university representative body of universities and other higher education institutions in the country. Established in 1925 as the Inter University Board (IUB) of India, it acquired its legal status as a registered society in 1967 under the Societies Registration Act 1860 and was rechristened as Association of Indian Universities (AIU) in 1973. AIU is the second oldest university association in the world next to the Association of Commonwealth Universities which was established in 1913. It has the distinct feature of having the largest network of universities and other HEIs under its ambit with 1002 members in India including 16 foreign universities who are the associated members. The membership of AIU includes all types of universities e.g., Conventional Universities, Open Universities, Deemed to be Universities, State Universities, Central Universities, Private Universities and Institutes of National Importance. In addition to Indian Universities, Universities/Institutes from Bangladesh, Bhutan, Republic of Kazakhstan, Malaysia, Mauritius, Nepal, Thailand, United Arab Emirates and United Kingdom are its Associate Members. Since its inception AIU has played a very significant role in the development of Higher Education in the Country. Some of the eminent scholars and visionary leaders like Dr. Sarvepalli Radhakrishnan, Dr. Shyama Prasad Mukherjee, Dr. Zakir Hussain, Sir A. L. Mudaliar have given leadership to AIU. During such a long journey, AIU has carved a niche for itself by serving the Ministry of Education, Govt of India as a research-based policy advisory body. Being an apex institution, it constitutes an integral part of all major decision-making committees and commissions in the country. As an academic 'think tank' organization, AIU supports the Government as researchbased policy advisory body with the wider mandate of taking up research projects on higher education policy, capacity building.

It also acts as a bureau of information on higher education; liaise with international bodies and universities for internationalization of Indian higher education among many others. The Vision of AIU is to emerge as a dynamic service and apex advisory organization in India by undertaking such initiatives and programmes which could strengthen and popularize Indian higher education as leading-edge system in the world and promote greater national and international collaboration in Higher Education, Research, Extension, Sports, Youth and Cultural Activities. It is bestowed with the mission of promoting and representing the Indian Universities and other higher education institutions through strong liaison with the government and National/International organizations, sister associations world over and establish liaison between/among universities through active support, cooperation and coordination among the member universities and all its stakeholders for quality education, research and other academics and extension activities

ABOUT DBU:

Desh Bhagat University (DBU), located in Mandi Gobindgarh, was established under the Punjab Government's Desh Bhagat University Act. The university is named after freedom fighter Sr. Lal Singh Ji, who was honored with the "Tamra Patra" by the Government of India in 1972 for his contributions to the freedom struggle. DBU is a NAAC A+ Accredited University with a student strength of over 10,000 from across India and 20+ countries. The campus is digitally transformed to align with the outcomes of the New Education Policy. It is a multidisciplinary, student-centric, industry-driven, and research-focused institution offering programs at the diploma, undergraduate, postgraduate, and doctoral levels across various fields, including Engineering, Management, Hotel Management, Hospitality and Tourism, Computer Sciences, Ayurveda, Nursing, Education, Commerce, Airlines, Law, Agriculture Sciences, Languages, Social Sciences, Applied Sciences, Pharmacy, Dental Sciences, and Paramedical Science. DBU has integrated several advanced educational tools and platforms, such as NPTEL, IIT Bombay Spoken Tutorial, Virtual Labs, Internshala, INFLIBNET, Saylor's Academy of the USA, and Coursera. These collaborations provide free online education, international certifications, and opportunities for students to study abroad through Pathway/Twinning Programs.

DBU has established a 24/7 Robotics & Automation Lab, several Centers of Excellence, and numerous industry collaborations. The recently established Electric Vehicle Center of Excellence and the IIC cell foster research, development, and entrepreneurship among students. DBU also has a Technology Business Incubator (DB Business Foundation) to support young entrepreneurs with seed funding and mentoring.

ABOUT AADC:

AIU has established AIU Academic and Administrative Development Centre in 10 different Universities. The aim of establishing these Centers is to organize short-term professional development programmes for the faculty members and training programmes for the administrative functionaries of the member universities especially on the use of technology and adopting blended learning methods of teaching.

AIU-AADC will offer short-term programs of varying duration aimed at continuous capacity building of the key stakeholders through online and in physical modes.

Objectives of AADC

- Provide Continuous knowledge and skill acquisition and enhancement for faculty in order to contribute effectively to the changing landscape of higher education.
- Train faculty members for Contemporary Teaching Methodologies
- To create engaging, effective learning experiences using available technological tools for pedagogical purposes and motivation.

ABOUT FDP:

The Faculty Development Programme (FDP) aims to equip faculty members with essential skills. It focuses on key areas to enhance each participant's classroom effectiveness and ability to use innovative teaching approaches as each participant would be given an opportunity to showcase repertoire of instructional methods and strategies by remaining critical and reflective about their teaching practice. Over the course of the comprehensive program, participants will delve into innovative teaching strategies and cutting-edge tools tailored for the digital age. Through dynamic workshops, hands-on activities, and expert guidance, educators will not only enhance their pedagogical practices but also harness the power of technology to create engaging and effective learning experiences for their students.

CHIEF PATRON:

Dr Zora Singh

Honorable Chancellor, Desh Bhagat University, Mandi Gobindgarh, Punjab

PATRONS:

Dr Tajinder Kaur

Honorable Pro-Chancellor, Desh Bhagat University, Mandi Gobindgarh, Punjab

Dr Sandeep Singh

President, Desh Bhagat University, Mandi Gobindgarh, Punjab

Prof (Dr) Abhijit H. Joshi

Vice Chancellor, Desh Bhagat University, Mandi Gobindgarh, Punjab

Dr. Pankaj Mittal

Secretary General Association of Indian Universities, New Delhi

AIU CONVENER

Dr Ranjana Parihar

Joint Secretary
Association of Indian Universities

NODAL OFFICER AIU-DBU-AADC

Prof (Dr) Sachit Vardhan

Director Research, Desh Bhagat University, Mandi Gobindgarh, Punjab

AIU-DBU-AADC Coordinator and FDP Organizer:

Prof(DR) H.K Sidhu

Dean Agriculture and Life Sciences and IQAC Coordinator, Desh Bhagat University, Mandi Gobindgarh, Punjab - 6239564488

HOW TO APPLY:

Interested candidates can fill the registration form using the following registration link on or before **2/1/2025** :

<https://forms.gle/P3oza8A4vTp11XGf6>

LINK FOR FDP

<https://teams.microsoft.com/l/meetupjoin/19%3a5eab0df98c294f34ad7405f3670fba54%40thread.tacv2/1735369172463?context=%7b%22Tid%22%3a%22140c89f4-8ca6-4e4a-9560-272fa39e055a%22%2c%22Oid%22%3a%228c777679-304d-4109-b613-edcc1cc8ba2d%22%7d>

RESOURCE PERSONS:

Prof (Dr) Madhu Parhar

Former Director, IGNOU, New Delhi

Dr. Sesadeba Pany

Associate Professor
Department of Education
Central University of Punjab, Bathinda, Punjab

Dr Harmaninder Jit Singh Sidhu

Department of Computer Applications
Chitkara Institute of Engineering and Technology
Chitkara University, Rajpura

Dr. Aditya Bakshi

Assistant Professor (Computer Engineering) in School of Technology Management and Engineering.
Narsee Monjee Institute of Management Studies, Chandigarh.



Faculty Development Programme

On

Enhancing Student Engagement using Technology and Innovative Delivery Models including Pedagogy,

January 2 ,2025 to January 7,2025

Organized By

Association of Indian Universities – Desh Bhagat University, Punjab - Academic and Administrative Development Centre (AIU-DBU-AADC)

2/1/2025

2.00 PM – 2.30 PM	Inaugural Session
2.00 PM to 2.05 PM	Formal welcome by Prof(Dr) Sachit Vardhan , Nodal Office , AIU-DBU-AADC
2.05 PM to 2.10 PM	Guidance by Prof(Dr) Abhijit Joshi, Vice Chancellor, Desh Bhagat University, Mandi Gobindgarh, Punjab
2.10 PM to 2.15 PM	Address by Dr Ranjana Parihar, Joint Secretary , Association of Indian Universities, New Delhi
2.15 PM to 2.20 PM	Introduction to FDP by Prof(Dr) H.K Sidhu , IQAC Coordinator and FDP Organizer
2.20 PM to 2.25 PM	Introduction of the Resource person by Dr Avinash Bhatia
2.25 PM to 3.30 PM	Presentation by Resource person
3.30 PM to 3.40 PM	Session open for Discussion
3.40 PM to 3.50 PM	Feedback by participants
3.50 PM To 4.00 PM	Vote of Thanks by Prof(Dr) H.K Sidhu
3/1/2025	
2.00 PM to 2.05 PM	Introduction of the Resource person

	by Prof(Dr) H.K Sidhu
2.05 PM to 3.40 PM	Presentation by Resource
3.40 PM to 3.50 PM	Session open for Discussion
3.50 PM to 3.55 PM	Feedback by participants
3.55 PM to 4.00 PM	Vote of Thanks
4/1/2025	
2.00 PM to 2.05 PM	Introduction of the Resource person by Prof(Dr) H.K Sidhu
2.05 PM to 3.40 PM	Presentation by Resource
3.40 PM to 3.50 PM	Session open for Discussion
3.50 PM to 3.55 PM	Feedback by participants
3.55 PM to 4.00 PM	Vote of Thanks
6/1/2025	
2.00 PM to 2.05 PM	Introduction of the Resource person by Prof(Dr) H.K Sidhu
2.05 PM to 3.40 PM	Presentation by Resource
3.40 PM to 3.50 PM	Session open for Discussion
3.50 PM to 3.55 PM	Feedback by participants
3.55 PM to 4.00 PM	Vote of Thanks
7/1/2025 Valedictory Session	
2.00 PM to 2.05 PM	Formal welcome by Pro(Dr) H.K Sidhu
2.05 PM to 2 10 PM	Address by Honorable Chancellor,Desh Bhagat University ,Mandi Gobindgarh, Punjab
2.10 PM to 2.15 PM	Address by Prof(Dr) Abhijit Joshi, Vice Chancellor, Desh Bhagat University,Mandi Gobindgarh,Punjab
2.15 PM to 2.25 PM	Report of FDP and Vote of thanks by Prof(Dr) H.K Sidhu

(U/S 2(f) and 12B of the UGC Act 1956, NAAC A+ Accredited)

DESH BHAGAT UNIVERSITY, MANDI GOBINDGARH

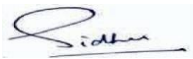
Ref. No.: DBU/IQAC /2024/02

Dated: 30/12/2024

Notice

This is for the information of all that AIU-DBU-AADC in association with AIU, New Delhi is organizing online Faculty Development Programme on Enhancing Student Engagement using Technology and Innovative Delivery Models including Pedagogy from 2/1/2025 to 7/1/2025 (2.00 PM TO 4.00 PM)

All are required to attend the same.



Event Coordinator
Prof(Dr) H.K Sidhu

CC:

- 1 IQAC
- 2 Notice board
- 3 Director Student welfare
- 4 ER



(U/S 2(f) and 12B of the UGC Act1956, NAAC A+Accredited)
DESH BHAGAT UNIVERSITY, MANDI GOBINDGARH
AIU- DBU-AADC

Report on
7 Days Online Faculty Development Program on
Enhancing Student Engagement using Technology and Innovative Delivery Models
including Pedagogy

January 2, 2025 to January 7, 2025

The faculty development programme started on 2 January 2025 at 2:00PM with DBU Anthem. This 7 Days Online Faculty Development Programme (FDP) has been organized by **AIU-DBU-AADC**.

There were 49 participants from Desh Bhagat University and other institution. The FDP addresses the various aspects of technological tools in Pedagogy.

Day-1: 2.1.2025

FDP started with DBU anthem. Opening remarks for the FDP were given by Prof (Dr.) H.K. Sidhu, AIU-DBU-AADC Coordinator, who welcome all the participation and stressed upon the importance of technological tools in Pedagogy. Dr. Zora Singh, Honorable Chancellor Sir Desh Bhagat University, Mandi Gobindgarh addressed to the all that such faculty Development programme not only improves the quality but also add more and more to growth of faculty as well as institution as a whole. Worthy Vice Chancellor Prof(Dr) Abhijit H Joshi addressed that our commitment to advancing knowledge is paramount, and this initiative is a vital step in enhancing our academic capabilities. Through utilization of online delivery tools, the student engagement can be enhanced. I encourage you to engage actively, share your insights, and explore new avenues. Nodal Officer AIU Dr Ranjana Parhiar , guided that quality education can be improved if more and more focus is on utilization of technology for Padeogy. She also appreciated the efforts of the University for such Faculty Development Programme. Resource person of the day **Dr Harmaninder Jit Singh Sidhu** Department of Computer Applicaons Chitkara Instute of Engineering and Technology Chitkara University, Rajpura .He guided about the Enhancing Student Engagement Using Technology and Innovative Delivery Models .He started with basic introduction to Pedagogy and Technology, principles of pedagogy etc. He stressed upon Collaborative Tools:

- Real-Time Collaboration: Google Docs, Padlet
- Online Discussions: Piazza, Flipgrid

Adaptive Learning:

- DreamBox Learning, Edmentum
- AI-Powered Tutors: Virtual assistants for personalized help

Day concluded with vote of thanks by Prof(DR) H.K. Sidhu .

Day-2: 3/1/2025

Resource person for the day was **Dr. Sesadeba Pany** Associate Professor Department of Educaon Central University of Punjab, Bathinda, Punjab .He focused on **Innovative Pedagogical Practices for Student Engagement in Higher Education. He also guided on various aspects of padeogy like Context-Based Learning, Steps of Concept Mapping etc**

Day-3: 4/1/2025

The participants were welcomed by Dr Avinash Bhatia, Assistant Professor in Agriculture and Life Sciences . In the third day of the programme, The resource person was **Prof (Dr) Madhu Parhar**

Former Director, IGNOU, New Delhi.she guided on the online resources for NEP 2020, its implications. She very nicely guided about the various challenges of Higher Education institutions and also explained what role a teacher has to play to make teaching learning very effective

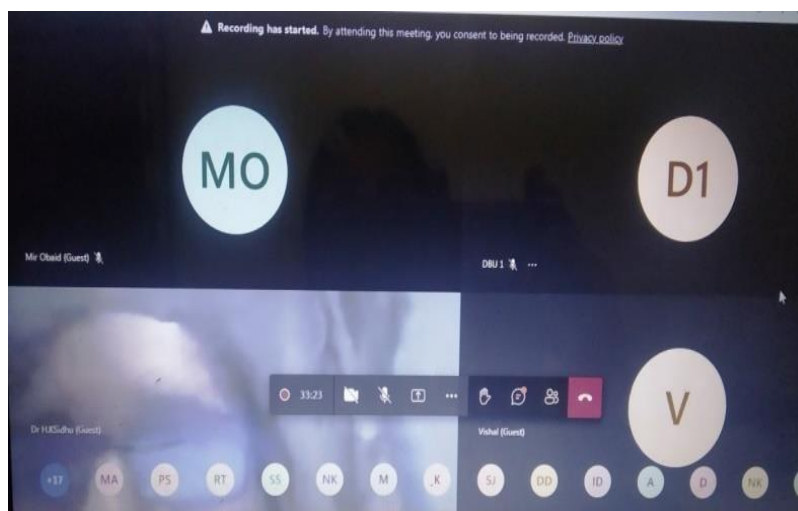
Day-4: 6/1/2025

Prof (Dr.) H.K. Sidhu addressed audience with her words of wisdom and expressed that teachers being the role models and warriors, have the ability and responsibility to change themselves to changing technology landscape demanding more use of ICT .The resource person for the day was **Dr. Aditya Bakshi** Assistant Professor(Computer Engineering) in School of Technology Management and Engineering. Narsee Monjee Institute of Management Studies, Chandigarh. He talked on the topic Generative AI: Future of Learning. He in his expert guidance talked about various tools of AI that can be used in pedagogy. He provided practical exposure to various tools.

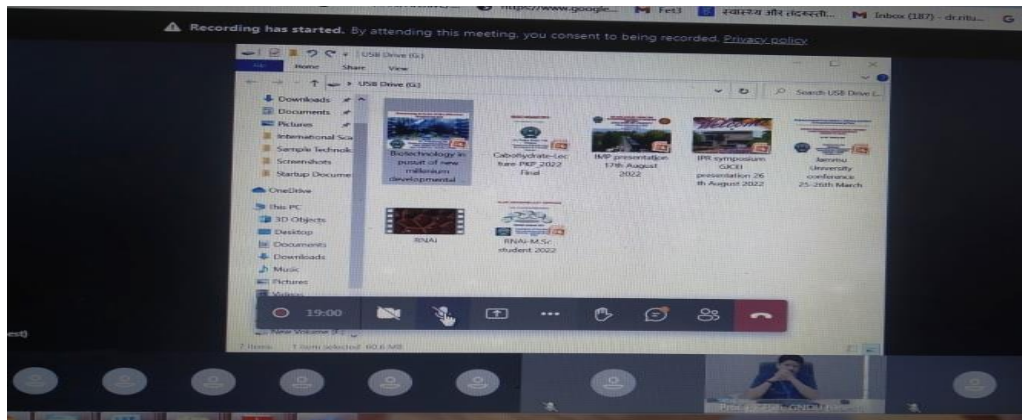
Day-5: 7/1/2025

The day was initiated by welcome address by Prof(Dr) H.K Sidhu . The last day of the FDP concluded with valedictory Session .Worthy Vice Chancellor appreciated the efforts of AIU-DBU-AADC for organizing a quality Faculty Development Programme .Prof. (Dr.) H.K. Sidhu concluded the session and gave presented the vote of thanks.

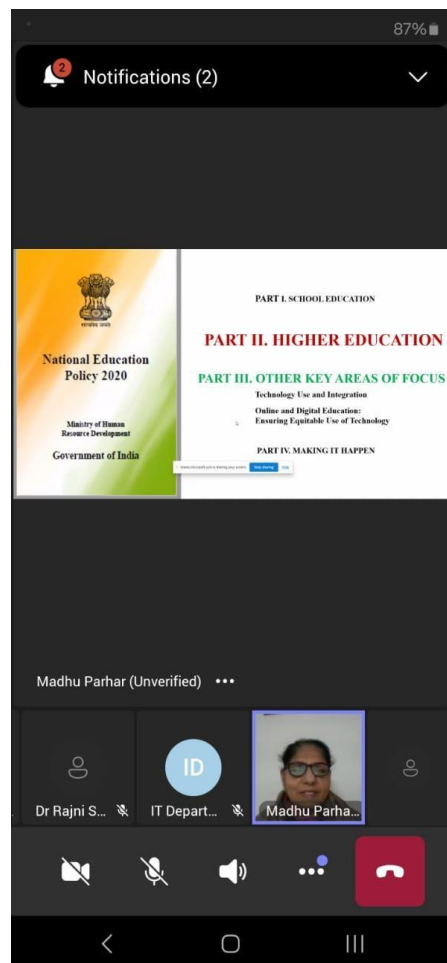
Honorable Chancellor Sir and Honourable Prochancellor madam of Desh Bhagat University, Mandi Gobindgarh gave the blessings at the end of the session.



Prof. (Dr.) H.K. Sidhu giving the introduction

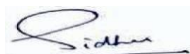


Prof(Dr) Madhu Parhar focusing on NEP 2020



List of Participants

Sr. No	Faculty
1.	Prof(Dr.) H.K. Sidhu: Organizer
2.	Er Gurpreet Kaur ; Computer Science and Engineering
3.	Dr Khushboo Bansal: Computer Science and Engineering
4.	Dr Avinash Bhatia: Agriculture and Life Science, Member Organizing Committee
5.	Dr Sachin Bhardwaj : Agriculture and Life Science
6.	Prof(Dr) Lovesampuranjot Kaur : School of Nursing
7.	Prof(Dr) Precious Sheoran : School of Education
8.	Prof(Dr)Rajni Saluja : Management and Commerce
9.	Dr Baldeep Singh : Management and Commerce
10.	Mr Satish Kumar : School of Education
11.	Mr Gurtej Singh : School of Education
12.	Er Jyoti Bala : Computer Science and Engineering
13.	Dr Manoj: Management and Commerce
14.	Mr Ravinder Singh :Agriculture and Life Science
15.	Ms Shivangi Sood : Agriculture and Life Science
16.	Ms Chanpreet Kaur : Agriculture and Life Science
17.	Ms Navninder Kaur : Social Sciences and Languages
18.	Dr Manpreet Kaur: Management and Commerce
19.	Dr Navneet Kaur Sandhu: Computer Science and Engineering
20.	Dr Gurinder Kaur Sodhi: Computer Science and Engineering
21.	Dr Arashdeep Singh: Mechanical Engineering
22.	Ms Dilpreet Kaur : School of Nursing
23.	Ms Gurwinder Kaur: School of Nursing
24.	Ms Sakshi: School of Nursing
25.	K.M Nidhi: School of Education
26.	Ms Ramandeep Kaur : School of Education
27.	Ms Nikita Devi: School of Education
28.	Mr Prashant Shravan: School of Education
29.	Mr Dilbagh Singh : School of Education
30.	Ms Sunidhi Sharma : Agriculture and Life Science
31.	Ms Sanjot Kaur
32.	Dr Prabhjot Singh : School of Nursing



AIU-DBU-AADC Coordinator
Prof.(Dr.) H.K. Sidhu
IQAC Coordinator