ATAL Sponsored Advanced FDP

On

"Exploring Advanced AI and Data Science Applications in Healthcare"

(15th January-28th January, 2025)

Sponsored By:

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

ATAL FDP-2025 REPORT

Organised By:

Department of Computer Science & Engineering (NBA Accredited)

Swami Keshvanand Institute of Technology, Management & Gramothan, Jagatpura, Jaipur-302017

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	Department of Computer Science & Engineering **(NBA Accredited)** AICTE Training and Learning (ATAL) Academy Sponsored Two-Week Advanced Faculty Development Programme (FDP) on ***"Exploring Advanced AI and Data Science Applications in Healthcare"*** ***(15th January – 28th January, 2025)***	

Completion Report

AICTE Training and Learning (ATAL) Academy Sponsored Two-Week Advanced Faculty Development Programme (FDP) on **"Exploring Advanced AI and Data Science Applications in Healthcare"** was successfully organized by Department of Computer Science & Engineering in the Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 15th January, 2025 to 28th January 2025. The programme had the primary objective to provide the state of the art trends and advancements of AI & Data Science in Healthcare and its Applications to the faculty members of different organizations. Some other specific objectives which were targeted in this FDP are:

- ✓ Healthcare Data Management.
- ✓ Machine Learning in Medical Diagnosis.
- ✓ To recognize the significance of mathematics in Data Science, Machine Learning and its relevance in India's research community and software industry.
- ✓ Predictive Analytics for Healthcare.
- ✓ To gain an understanding and appreciation for Statistics in data science, Tensors, Inferential statistics, and Deep Autoencoder in Real Time.
- ✓ Remote Patient Monitoring and Wearable Devices.
- ✓ Ethical Considerations in AI Healthcare Applications.
- ✓ Future Trends and Opportunities.
- ✓ Hands-on Sessions and Case Studies.

Programme Highlights

- ✓ **Number of participants:** In all 49 participants attended the FDP Programme. There were participants from all different institutes from PAN India.
- ✓ **Resource Persons:** The various sessions of the faculty development programme were taken by various experts.

Sr. No.	Expert/ Resource Person	Designation/ Profile of Experts
1.	Dr. Deepak Joshi	Associate Professor, Centre for Biomedical Engineering, Indian Institute of Technology (IIT), Delhi.
2.	Prof. (Dr). Manju Khari	Professor, School of Computer & Systems Sciences, Jawaharlal Nehru University (JNU), New Delhi
3.	Mr. Yogesh Kumar	Scientist-'E', SAG, Defence R&D Organization (DRDO), Govt. of India, Delhi
4.	Prof. (Dr). Akash Saxena	Professor, School of Engg. & Technology, Central University of Haryana, Mahendergarh, Gurugram-122010 (Haryana)
5.	Dr. Sumit Kalra	Assistant Professor, Department of Computer Science & Engineering (CSE), Indian Institute of Technology (IIT), Jodhpur, Rajasthan
6.	Prof. (Dr). Sumantra Dutta Roy	Professor, Department of Electrical Engineering (EE), Indian Institute of Technology (IIT), Delhi
7.	Dr. Mukesh Kumar Gupta	Scientist 'F', Sr. Technical Director (IT) & HOD (Data Governance & Strategy Division), National Informatics Centre (NIC), New Delhi, Ministry of Electronics and Information Technology (Govt. of India).
8.	Dr. Nitesh Pradhan	Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur
9.	Dr. Joohi Chauhan	Assistant Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (MNNIT), Allahabad, Prayagraj, India-211004
10.	Dr. Puneet Goyal	Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology (IIT), Ropar

11.	Prof. (Dr). Somitra Kumar Sanadhya	Professor, Department of Computer Science & Engineering (CSE), Indian Institute of Technology (IIT), Jodhpur, Rajasthan
12.	Dr. Poonam Goyal	Professor, Department of Computer Science & Information Systems, Birla Institute of Technology & Science (BITS), Pilani Campus, Rajasthan, India

Prof. (Dr.) Pankaj Dadheech
Programme Coordinator

Dr. Loveleen Kumar
Programme Co-Coordinator

Prof. (Dr.) Ramesh Kumar Pachar

Principal, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur, Rajasthan India.

Dr. Deepak Joshi, Associate Professor, Centre for Biomedical Engineering, Indian Institute of Technology (IIT), Delhi.

Dr. Deepak Joshi,
Associate Professor. Centre for Biomedical Engineering
Indian Institute of Technology, Delhi
Block-II, Room:299 Centre for Biomedical Engineering, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016
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Dr. Joshi received his Ph.D. in Biomedical Engineering from Indian Institute of Technology (IIT) Delhi and a postdoctoral from University of Oregon, USA in Human Physiology. He also worked at National University of Singapore, Singapore and Newcastle University, UK before joining IIT Delhi as a faculty. He has a technology transfer and a granted US patent to his credit. He is a passionate teacher and has received Teaching Excellence Award at IIT Delhi in the year 2017. He was also awarded the membership of American Association of Advancement in Sciences in the year 2014. Dr. Joshi's current research work combines experimental and computational techniques to understand the neural correlates during walking and balancing for the diagnosis of neuromuscular disorders and for the development of assistive devices for stroke survivors, amputees, elderly population, and Parkinson's patients. His research laboratory is primarily funded by the Department of Science and Technology, Indian Council of Medical Research, Government of India.

Research Interests: Brain-Computer Interface (BCI), Development of Intelligent Prosthesis, Signal Processing and Machine Learning for Neuroprostheses, Neuromusculoskeletal modeling.

Prof. (Dr.) Manju Khari, Professor, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi.

Dr. Manju Khari,
Professor, School of Computer & Systems Sciences,
Jawaharlal Nehru University (JNU), New Delhi
Email: manjukhari@jnu.ac.in

Dr. Manju Khari is a Professor in the School of Computer and Systems Sciences at Jawaharlal Nehru University in New Delhi, India. She contributed to information security, Software Security Testing, Computer Networks, the Internet of Things, Cyber Forensics, and Deep Learning. Before joining JNU, she worked with Netaji Subhas University of Technology, East Campus, under the auspices of the Government of NCT Delhi. Dr. Khari is a PhD holder in Computer Science and Engineering from the prestigious National Institute of Technology Patna. She also holds a master's in Information Security from Guru Gobind Singh Indraprastha University in Delhi, India. Her prolific research portfolio includes over 100+ published papers in premier refereed National and International Journals and Conferences, including highly regarded publishers such as IEEE, ACM, Springer, Inderscience, and Elsevier. Dr. Khari has also co-authored two books published by NCERT and co-edited 10 edited books, further solidifying her status as a leading scholar in her field. Dr. Khari is serving as a reviewer/technical program committee member for various international conferences. Dr. Khari's reputation as a rigorous and meticulous scholar has earned her positions as Associate Editor/Guest Editor for Springer, Wiley, and Elsevier books and a reviewer for several leading international journals. Dr. Khari's expertise is not limited to academia, as she is also a highly valued member and research consultant of several noteworthy projects in collaboration with prominent institutions such as AIMS, the Department of Biotechnology (DBT), DST, and the CSIR-NPL under the Ministry of Consumer and Legal Affairs in India. These projects are invaluable to advancing research and development in her field, further underscoring her reputation as a trailblazer in Computer Science and Engineering.

Research Area: Software Testing, Software Security, Information Security, Artificial Intelligence.

Mr. Yogesh Kumar, Scientist-‘E’, SAG, Defence R&D Organization (DRDO), Govt. of India, Delhi.

Mr. Yogesh Kumar,
Scientist-‘E’, SAG, Defence R&D Organization (DRDO),
Govt. of India, Delhi
E-Mail: yogeshkumar.sag@gov.in

Mr. Yogesh Kumar is a scientist in the scientific analysis group at DRDO, the Government of India. He received his MSC degree in Mathematics in 2004 from Chaudhary Charan Singh University, Campus Meerut, UP, India. He is currently pursuing PhD from the Department of Mathematics, University of Delhi. He joined DRDO as a scientist in 2006 and worked in the area of cryptography. He has published more than 20 Technical reports and 04 research papers in reputed international SCIE Indexed Journals. He is a Life member of the Cryptology Research Society of India (CRSI). He has been involved in the research community as a reviewer of dozens of reputed Journals, including SCI-Indexed Journals under IEEE, Elsevier, Springer, Wiley, Taylor & Francis, etc. His research interests include Cryptology, Information Security, post-quantum cryptography, and Artificial Intelligence. He delivered invited talks and lectures in conferences and special courses for Indian Army, Navy and Air Force personnel.

Area of Interest: Security Aspects in Crypto Systems, Authenticated Encryption, Stream Ciphers, Block Ciphers, Mathematics in Cryptology, Cryptographic Hash Functions, Post-quantum cryptography.

Prof. (Dr.) Akash Saxena, Professor, School of Engg. & Technology, Central University of Haryana, Mahendergarh, Gurugram-122010 (Haryana).

Dr. Akash Saxena,
Professor, Department of Electrical Engineering
School of Engg. & Technology, Central University of Haryana, Mahendergarh, Gurugram-122010 (Haryana)
Email: drakash@cuh.ac.in , akashvitjpr@gmail.com

Dr. Akash received the Bachelor of Technology in Engineering with honors in Electrical Engineering from the Department of Electrical Engineering, Engineering College Kota, Kota Rajasthan, India in 2001, Master of Technology with honors in Power System Engineering from the Department of Electrical Engineering, Malaviya National Institute of Technology, Jaipur, India in 2008 and Ph.D. degree in Power System Dynamics from the Malaviya National Institute of Technology, India in 2015. Dr. Akash has presented research work at national/international conferences in India and abroad. His work has been published in leading journals in the form of short communication/letters /articles/research papers. He is associated with many professional organizations as an editor, reviewer and adviser.

Research Area: Soft Computing, Artificial Intelligence, Machine Learning, Grey Theory, Optimization.

Dr. Sumit Kalra, Assistant Professor, Department of Computer Science & Engineering (CSE), Indian Institute of Technology (IIT), Jodhpur, Rajasthan.

Dr. Sumit Kalra,
Assistant Professor,
Department of Computer Science & Engineering (CSE),
Indian Institute of Technology (IIT), Jodhpur, Rajasthan
E-Mail: sumitk@iitj.ac.in

Sumit Kalra received the Ph.D. degree from IIT Kanpur. He is currently an Assistant Professor with the Department of Computer Science and Engineering, IIT Jodhpur. He has a couple of patents and high quality publications to his name. He has also been actively working towards designing and deploying integrated and affordable telemedicine solutions in recent years. His research interests include exploring the software architectural issues related to quality of the

	complex software systems across various domains such as data intensive processing, AI, and IoT-based systems. **Area of Interest:** Software Architecture Cloud Computing Internet of Things Smart Healthcare, Decision Boundary, Deep Network, Embedding Learning, Feature Extraction Network & Process.

Prof. (Dr). Sumantra Dutta Roy, Professor, Department of Electrical Engineering (EE), Indian Institute of Technology (IIT), Delhi.

Prof. (Dr). Sumantra Dutta Roy,
Professor,
Department of Electrical Engineering (EE),
Indian Institute of Technology (IIT), Delhi
E-Mail: sumantra@ee.iitd.ac.in

Prof. Sumantra Dutta Roy is a B.E. (Computer Engineering) from D.I.T., Delhi (1993), and completed his M.Tech and Ph.D. degrees at the Department of Computer Science and Engineering, I.I.T. Delhi, in 1995 and 2001, respectively. He started his career in teaching and research in the Department of Electrical Engineering at I.I.T. Bombay, where he worked from 2001 to early 2007 as an Assistant Professor. From 2007 to 2018, he was an Associate Professor in the Department of Electrical Engineering at I.I.T. Delhi. Since 2018, he has been a Professor in the Department of Electrical Engineering at I.I.T. Delhi. He is a recipient of 2004 INAE Young Engineer Award (Indian National Academy of Engineering), and the 2004 - 05 BOYSCAST Fellowship of the Department of Science and Technology, Government of India. He has been an Associate Editor of the Pattern Recognition Letters since 2011. His research interests are in Computer Vision and Image Analysis, Video and Image Coding, Biometrics, Music Information Retrieval, and Medical Informatics.

Area of Interest: Computer Vision and Image Analysis, Pattern Recognition, Biometrics and Bioinformatics, Audio Data Retrieval and Analysis, Machine Learning, Medical Informatics, Music Information Retrieval and Analysis, Convolutional Neural Network.

Dr. Mukesh Kumar Gupta, Scientist 'F', Sr. Technical Director (IT) & HOD (Data Governance & Strategy Division), National Informatics Centre (NIC), New Delhi, Ministry of Electronics and Information Technology (Govt. of India).

Dr. Mukesh Kumar Gupta,
Scientist 'F', Sr. Technical Director (IT) & HOD (Data Governance & Strategy Division),
National Informatics Centre (NIC), New Delhi,
Ministry of Electronics and Information Technology (Govt. of India).
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Dr. Mukesh Kumar Gupta working as a Sr Director / Scientist-F at NIC, New Delhi. He has worked as Professor & Head at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. He has completed his Ph.D. (Computer Science & Engineering) from MNIT, Jaipur and M.Tech. (Computer Science & Engineering) from IIT Bombay. He is a Member of Standing Executive Board (SEB) in Software Technology Parks (STPI) of India, Jaipur. He is a Member of Board of Governors, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. He Felicitated at the 5th PRINCIPAL & TEACHERS AWARDS -2016 ceremony at Birla Auditorium on 3rd Sep, 2016. This event celebrated the exceptional performance of the gurus who have no vested interest hidden but only an urge to educate, elevate and empower. He has Received a letter of appreciation for proactively participating on the Editorial Board of SKIT Research Journal of Engineering, Science, Humanities and Management, 2016. He has been recognized as a SILVER partner faculty under Inspire-The Campus Connect Faculty Partnership Model by Infosys Limited, 2013. He has received a certificate of recognition from Infosys for outstanding contribution to Campus Connect Program during Jan-Dec, 2011. He is a Member of Editorial Advisory Board, SKIT Research Journal of Engineering, Science, Humanities and Management. He has been a Core team member of "Campus Connect Program", initiated by Infosys, Bangalore. He has been recognized as a one of the Torch Bearer Person in the SKIT Times annual issue 2011.

Area of Interest: Web Security, Machine Learning, Deep Learning, Web Application, Software Engineering.

Dr. Nitesh Pradhan, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.

Dr. Nitesh Pradhan,
Assistant Professor,
Department of Computer Science & Engineering,
The LNM Institute of Information Technology (LNMIIT), Jaipur
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Dr. Nitesh Pradhan is an Assistant Professor in the department of Computer Science and Engineering at LNMIIT Jaipur. He has 8 years of teaching experience. He Qualified GATE exam with All India Rank of 1067. He was the Resource Speaker in Two weeks of training programs on "Python Programming" for Jawahar Navodaya Vidyalaya Teachers (Government funded consultancy). As an academic experience, He was invited as an external in Amity institute of information technology, Amity University Rajasthan. He also Won 1st Prize, In Manipal Navonmesh-Project Exhibition with Project title: Search and Rescue Drone. His research interests include Machine Learning, Deep Learning, Image Processing, Biomedical engineering. He has total 12+ publications in reputed journals and approximate 15 conference papers in recognized conferences.

Area of Interest: Machine Learning, Computer Vision, Biomedical Imaging, Image Processing, Pattern recognition.

Dr. Puneet Goyal, Associate Professor, Department of Computer Science and Engineering, Indian Institute of Technology (IIT), Ropar.

Dr. Puneet Goyal,
Associate Professor (CSE),
Indian Institute of Technology, Ropar
Room no. 219, S. Ramanujan Block (CSE), Main Campus
IIT Ropar, Rupnagar-140111, Punjab, India
Email: puneet@iitrpr.ac.in

Puneet Goyal received the B.Tech. and M.Tech. degrees (dual degree) in Computer Science and Engineering from IIT Delhi, where he also received *Institute Silver Medal*. He received his Ph.D degree in Electrical and Computer Engineering from Purdue University, USA. Then, he served as Senior Member of Technical Staff at AT&T Labs, San Ramon, CA for some time, before returning to India a few years back. Currently, he is serving as Associate Professor at IIT Ropar. He has teaching experience for around 12 years and he has guided many students to perform remarkably well in several reputed technical contests.

Research Interests: Image Processing, Computer Vision, Applied Deep Learning/Machine Learning, Computational Imaging, Electronic Imaging Systems, Image Forensics, Security Analytics and Assistive Technologies.

Dr. Joohi Chauhan, Assistant Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (MNNIT), Allahabad, Prayagraj, India-211004.

Dr. Joohi Chauhan,
Assistant Professor,
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She completed her B.Tech. from Uttar Pradesh Technical University, Lucknow, Uttar Pradesh, India (Silver Medalist) and M.Tech. from Graphic Era University, Dehradun, UK, India (Gold Medalist). (Thesis project @ IIIT Delhi). She completed her Ph.D. from Indian Institute of Technology Ropar, India. Visiting Research

	Fellow @ School of Computing, NUS, Singapore and Postdoctoral Research from University of California Davis, USA. **Research Area:** Applied Deep Learning, AI in Healthcare, Machine Learning, Medical Image Analysis, Assistive Technologies & Analytics.

Prof. (Dr). Poonam Goyal, Professor, Department of Computer Science & Information Systems, Birla Institute of Technology & Science (BITS), Pilani Campus, Rajasthan, India.

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Professor,
Department of Computer Science & Information Systems,
Birla Institute of Technology & Science (BITS), Pilani Campus,
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Prof. Poonam Goyal is a Professor in the Department of Computer Science & Information Systems, Birla Institute of Technology & Science, Pilani, Pilani Campus. She is the coordinator of APPCAIR, AI Research Center, BITS Pilani, Pilani Campus. She heads the Web Intelligence and Social Computing Laboratory (WiSOC Lab) of the department. She is also a core member of Advanced Data Analytics and Parallel Technologies Laboratory (ADAPT Lab). Prof. Poonam received her ME degree in Software Systems from BITS Pilani and Ph.D. (Mathematics) from IIT Roorkee. She specializes in Multimodal learning, Generative AI, Natural Language Processing, Computer Vision and Big Data Analytics. Her research has contributed to various social and scientific domains like Satellite analytics, multi-modal knowledge graphs, Generative AI for design, etc. She has published several research articles in various top-tier conferences and journals such as IEEE Transactions on Multimedia, ACM Transactions on Multimedia Computing Communications and Applications, IEEE Transactions on Social Computing, Expert Systems, AAAI, EACL, IEEE Cluster, IEEE Big Data, IEEE HiPC, IEEE/ACM/ASA DSAA, etc. She has also filed a few patents related to knowledge graphs, OCR, Generative AI for Mechanical Design, Efficient processing of high-resolution SITS, etc. She has served as PI/Co-PI for several sponsored research projects from Governments – Ministry of Education, Ministry of Tribal Affairs, MeitY, VESKI-SMRP, SERB, etc. and from Industry – Adobe, Mercedes-Benz, Micron, etc. She is a recipient of 2021 Google AI for Social Good research award and 2010 IBM Research Innovation Award under the Smarter Planet Initiative in the area of

	Scalable Data Analytics. She has been recognized by "India AI" (a Govt. body which is an initiative of MEITY, NeGD, and NASSCOM) as one of the 8 leading women AI researchers in India on International Women's Day 2021. **Area of Interest:** Big Data Analytics, Machine Learning and Image/Text retrieval, Multimodal Learning, Knowledge Graphs.

Prof. (Dr). Somitra Kumar Sanadhya, Professor, Department of Computer Science & Engineering (CSE), Indian Institute of Technology (IIT), Jodhpur, Rajasthan.

	**Dr. Somitra Kumar Sanadhya,** Professor, Department of Computer Science and Engineering, Indian Institute of Technology(IIT) Jodhpur. **Email Id:** somitra@iitj.ac.in Prof. Somitra Kumar Sanadhya is a Professor in the School of Artificial Intelligence and Data Science, and the Dean for Digital transformation at IIT Jodhpur. Before moving to Jodhpur, he has served at IIT Ropar where he was Head of the department of Computer Science and Engineering for 2 years from 2018 to 2020. He completed B.Tech. degree from IIT Delhi, and Ph.D. from Indian Statistical Institute, Kolkata. During his PhD, he produced the then best cryptanalysis of NIST standard hash function SHA256 and SHA512. His research interests include design, analysis, and efficient implementation of cryptographic algorithms and protocols. He has been working with many Indian governmental agencies and corporations in the field of Cryptography and Cybersecurity. His research in various domains of Cybersecurity has allowed him to lead research and consultancy projects worth more than Rupees 7 crores. He has supervised 7 PhD thesis, and about 20 Masters and Bachelor's thesis. Currently, he is advising 7 PhD scholars. He has published more than 60 peer reviewed journal and conference papers in reputed venues as IEEE Transactions on Information Theory, IEEE Transactions on Information Forensics and Security, ACM Transactions on Reconfigurable Technology and Systems, IEEE Transactions on Dependable and Secure Computing etc.

	He was a jury member of the Cybersecurity Grand Challenge coordinated by Data Security Council of India (DSCI) and the Ministry of Electronics and Information Technology (MEITY) from 2018 to 2020. He has delivered many invited talks in various international conferences and venues. Recently, he delivered a lecture in the first "Cyber Jagrookta Divas" by MEITY. **Research Area:** Cryptology, Security, Blockchain, Quantum Computation, Data Analytics.

SCHEDULE OF FDP

ATAL ADVANCED FDP (Offline) on "Exploring Advanced AI and Data Science Applications in Healthcare" (9:00 am –5:00 pm)

(15th-28th January, 2025)

Venue: IAI Lab, CSE Department, SKIT, Jaipur

Offline (1st Week)

Day 1 15.01.2025 (Wednesday)	Day 2 16.01.2025 (Thursday)	Day 3 17.01.2025 (Friday)	Day 4 18.01.2025 (Saturday)	Day 5 20.01.2025 (Monday)	Day 6 21.01.2025 (Tuesday)
9:00 – 9:30 **Inauguration** J.C. Bose Seminar Hall					
9:30 – 12:00 **Session 1:** **Functional Electrical Stimulation in Neurorehabilitation: Opportunities, Challenges, and Way Ahead** **Dr. Deepak Joshi**	8:30 – 11:00 **Session 3:** **Cryptography in Real Life, Pros and Cons of Artificial Intelligence** **Mr. Yogesh Kumar**	8:30 – 11:00 **Session 5:** **Challenges in Healthcare in India: Solutions Perspective Through Artificial Intelligence, AI demystifying the power of Mindfulness scientifically** **Dr. Akash Saxena**	8:00 – 10:30 **Session 7:** **Introduction to Transformers/ LLMs/ ChatGPT** **Prof. (Dr). Sumantra Dutta Roy**	8:00 – 10:30 **Session 10:** **Importance of Data Science (DS) and Digital Image Processing (DIP), Hands on Session for Applications of AI & Data Science in Healthcare** **Dr. Nitesh Pradhan**	8:30 – 11:00 **Session 12:** **Medical Imaging Modalities, Use of AI, Gen AI and Image Processing for Healthcare Applications** **Dr. Puneet Goyal**
12:00 – 1:00 **Article Discussion**	11:00 – 12:00 **Article Discussion**	11:00 – 12:00 **Article Discussion**	10:30-1:00 **Session 8:** **Neural Networks, GANs, LLMs, Tensor Analysis and Advanced Inferential Statistics** **Prof. (Dr). Sumantra Dutta Roy**	10:30 – 11:30 **Article Discussion**	11:00 – 12:00 **Article Summary**
1:00 – 1:30 **Lunch**	12:00 – 12:30 **Lunch**	12:00 – 12:30 **Lunch**	1:00-1:30 **Lunch**	11:30 – 12:30 **Lunch**	12:00 – 12:30 **Lunch**
1:30-4:00 **Session 2:** **Advanced AI Algorithms, Ethical issues and considerations in Healthcare Research** **Prof. (Dr). Manju Khari**	12:30-3:00 **Session 4:** **Experimental Study on Feature Selection for Pandemic Detection Using the advanced versions of Marine Predator Algorithm** **Dr. Akash Saxena**	12:30-3:00 **Session 6:** **Predictive Modeling in Healthcare: Risk Prediction and Patient Outcome Forecasting** **Dr. Sumit Kalra**	1:30 – 4:00 **Session 9:** **Transforming Healthcare with Generative AI: Opportunities, Challenges, and Future Prospects** **Dr. Mukesh Kumar Gupta**	12:30-3:00 **Session 11:** **Clinical Data Analysis, Healthcare Predictive Analytics, Public Health Surveillance and Epidemiology** **Dr. Joohi Chauhan**	12:30-3:00 **Session 13:** **Latest Advancements in Smart Sensing and their Applications** **Dr. Joohi Chauhan**
4:00 – 5:00 **Article Discussion**	3:00 – 4:00 **Article Discussion**	3:00 – 4:00 **Article Discussion**		3:00 – 4:00 **Article Discussion**	3:00 – 4:00 **Article Summary**

Offline (2nd Week)

Day 7 22.01.2025 (Wednesday)	Day 8 23.01.2025 (Thursday)	Day 9 24.01.2025 (Friday)	Day 10 25.01.2025 (Saturday)	Day 11 27.01.2025 (Monday)	Day 12 28.01.2025 (Tuesday)
9:00-4:30 **Industry based problem solving** Sri Ram Cancer & Superspeciality Centre (a unit of Mahatma Gandhi Medical College and Hospital, Jaipur)	9:00-4:30 **Industry based problem solving** Software Technology Parks of India (STPI)	9:00-4:30 **Industry based problem solving** Software Technology Parks of India (STPI)	9:00-4:30 **Industry based problem solving** Sri Ram Cancer & Superspeciality Centre (a unit of Mahatma Gandhi Medical College and Hospital, Jaipur)	8:00 – 10:30 **Session 14:** **Security of Connected Medical Devices, Demo/ Hands-on, AI Algorithms, Developing Projects to automate daily tasks using Python** **Prof. (Dr). Somitra Kumar Sanadhya**	8:30-12:30 **Team wise Presentation of the Output**
				10:30-1:00 **Session 15:** **Cancer Prediction using Gene Expression, Demo/ Hands-on: Applications of Big Data Technologies (e.g., Hadoop, Spark) in Healthcare Analytics** **Prof. (Dr). Somitra Kumar Sanadhya**	12:30-1:00 **Lunch**
				1:00-1:30 **Lunch**	1:00-2:00 **Reflection Journal**
				1:30 – 4:00 **Session 16:** **Multimodal Learning Systems and their use in Healthcare, R Programming for Healthcare applications, Case Study: Internship Evaluation Platform Leveraging Artificial Intelligence: Advanced Technological Solution** **Dr. Poonam Goyal**	2:00-3:00 **Feedback** 3:00-4:00 **Valedictory Session**

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Organized by:
Department of Computer Science & Engineering,
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

PARTICIPANTS DETAIL

S.No.	Name	Institute Name
1.	Dr. Kalu Ram Yadav	Govt. Women Polytechnic College Sanganer, Jaipur, Rajasthan.
2.	Miss Allisa Goyal	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
3.	Dr. Sonia	Raj Kumar Goel Institute of Technology, Ghaziabad.
4.	Mr. Sanjog Arora	Anand International College of Engineering, Jaipur.
5.	Miss Akanksha Chaturvedi	Anand International College of Engineering, Jaipur.
6.	Mrs. Apoorva Joshi	Global Institute of Technology, Jaipur.
7.	Mrs. Manju Mathur	Global Institute of Technology, Jaipur.
8.	Mr. Hemant Mittal	Global Institute of Technology, Jaipur.
9.	Mrs. Neha Mathur	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
10.	Mr. Vivek Bhojak	Anand International College of Engineering, Jaipur.
11.	Mrs. Deepika Sainani	Sri Balaji College of Engineering & Technology, Jaipur.
12.	Mr. Girraj Khandelwal	JECRC University, Jaipur.
13.	Dr. Raghavendra Patidar	Arya College of Engineering & IT, Jaipur.
14.	Dr. S R Dogiwal	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
15.	Mrs. Rekha Dhivrani	Poornima Institute of Engineering & Technology, Jaipur.
16.	Dr. Sunita Gupta	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
17.	Mr. Vikram Khandelwal	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
18.	Miss Dimpal Sharma	JECRC University, Jaipur.
19.	Mrs. Neha Mishra	JECRC University, Jaipur.
20.	Mr. Rajesh Rajaan	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
21.	Mrs. Shruti Mathur	JECRC University, Jaipur.
22.	Mrs. Shreya Agarwal	JECRC University, Jaipur.
23.	Dr. Naveen Hemrajani	JECRC University, Jaipur.

24.	Mrs. Surbhi Agarwal	JECRC University, Jaipur.
25.	Dr. Kamlesh Lakhwani	JECRC University, Jaipur.
26.	Dr. Bhavna Sharma	JECRC University, Jaipur.
27.	Mr. Vipin Kumar Gupta	Suresh Gyan Vihar University, Jaipur.
28.	Mr. Saurabh Anand	Vivekananda Global University, Jaipur.
29.	Mr. Anuj Kumar	Agriculture University, Kota, Rajasthan.
30.	Miss shivangi dheer	JECRC University, Jaipur.
31.	Dr. Budesh Kanwer	Poornima Institute of Engineering and Technology, Jaipur.
32.	Mrs. Archika Jain	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
33.	Mrs. Mamta Sakpal	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
34.	Mr. Dinesh verma	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
35.	Mr. Ajay Kumar	JECRC University, Jaipur.
36.	Mr. Subham Kumar Gupta	Government Polytechnic, Daman.
37.	Mr. Tushar Vyas	JECRC University, Jaipur.
38.	Mr. Surendra Singh Dua	Vivekananda Global University, Jaipur.
39.	Dr. Niketa Sharma	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
40.	Mrs. Archana Dubey	Global Institute of Technology, Jaipur.
41.	Mr. Abhay Purohit	Global Institute of Technology, Jaipur.
42.	Dr. Aakriti Sharma	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
43.	Miss Shanu Tripathi	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
44.	Dr. Ashish Maheshwari	Government Polytechnic, Daman.
45.	Dr. Sanjay Kumar Bansal	Jaipur Engineering College and Research Centre, Jaipur.
46.	Dr. Gajanand Sharma	JECRC University, Jaipur.
47.	Mr. Devi Lal Kikraliya	Swami Keshwanand Rajasthan Agricultural University, Bikaner.
48.	Dr. Mithlesh Arya	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.
49.	Miss Niharika Jha	Banasthali Vidyapith, Darjiling.

SESSION DETAILS

Day 1:
Date: 15th January, 2025 (Wednesday)
Inauguration at J.C. Bose Seminar Hall (9:00-9:30 AM)

- Inauguration started at 8:30 AM at J.C. Bose Seminar Hall.
- The program started with the divine lamp lighting ceremony, after that the guests were welcomed with flowers and mementos.
- Guest of the inaugural ceremony were Dr. Deepak Joshi, Associate Professor, IIT Delhi and Dr. Manju Khari, Professor, JNU, New Delhi.
- Welcome Note given by Prof. (Dr.) Mehul Mahrishi, Head-CSE, SKIT Jaipur.
- Prof. (Dr.) Pankaj Dadheech (Coordinator-ATAL FDP) gave a brief overview about the FDP.
- After this Dr. Deepak Joshi, Associate Professor, Indian Institute of Technology (IIT), Delhi enlightened the use of AI is increasing in today's health care.
- Dr. Manju Khari, Professor, Jawaharlal Nehru University (JNU), New Delhi explained the importance of using Data Science in Healthcare.
- In the end, Prof. (Dr.) C. M. Choudhary conveyed the vote of thanks to all the guests and participants.


SKIT


SKIT


SKIT

Day 1: (15/01/2025)
Session 1: (9:30-12:00 Noon)

- First session was taken by **Dr. Deepak Joshi**, **Associate Professor, Centre for Biomedical Engineering, Indian Institute of Technology (IIT), Delhi.**
- The session was about **"Functional Electrical Stimulation in Neurorehabilitation: Opportunities, Challenges, and Way Ahead, AI in Healthcare Challenges, Foundation of Mathematics for Data Science"**.
- He explained the Application of Artificial Intelligence (AI) in Healthcare aimed to provide educators with insights into the implementation of Convolutional Neural Networks (CNN) in addressing healthcare challenges, particularly in burn cases.
- The program covered discussions on CNN, its implementation, and practical aspects of using pre-trained models in TensorFlow for healthcare applications.
- The FDP began with an in-depth discussion on Convolutional Neural Networks (CNNs), emphasizing their importance in image processing tasks.
- The session covered the architecture of CNNs, the role of convolutional layers, pooling layers, and fully connected layers.
- Attendees gained insights into the strengths and limitations of CNNs, making it a foundation for subsequent discussions.

Article Discussion: (12:00-01:00 PM)


Session 2: (1:30-4:00 PM)

- The second session was taken by **Dr. Manju Khari, Professor, School of Computer & Systems Sciences, Jawaharlal Nehru University (JNU), New Delhi.**
- The session was about **"Advanced AI Algorithms, Ethical issues and considerations in Healthcare Research"**.
- She discussed several research papers presented and discussed during the FDP, focusing on the application of CNNs in healthcare.
- She presents the key insights on AI's Role in Healthcare.
- These discussions included insights into the methodologies, results, and challenges faced by researchers in implementing AI solutions for healthcare issues.
- The importance of high-quality datasets in training AI models was highlighted during the FDP.
- Discussions centered around challenges in dataset collection for healthcare applications, ethical considerations, and strategies for data preparation.
- Attendees gained insights into sourcing, cleaning, and augmenting datasets for effective model training.

Hands-on Session on AI Algorithms, Developing Projects to automate daily tasks using Python taken by Dr. Manju Khari.

Article Discussion: (04:00-05:00 PM)

In Article Discussion session briefly introduce the articles in the Healthcare. Provide an overview of AI and data science applications in healthcare. Discussed the significance of AI-driven innovations in medical fields.

Day 2:
Date: 16th January, 2025 (Thursday)

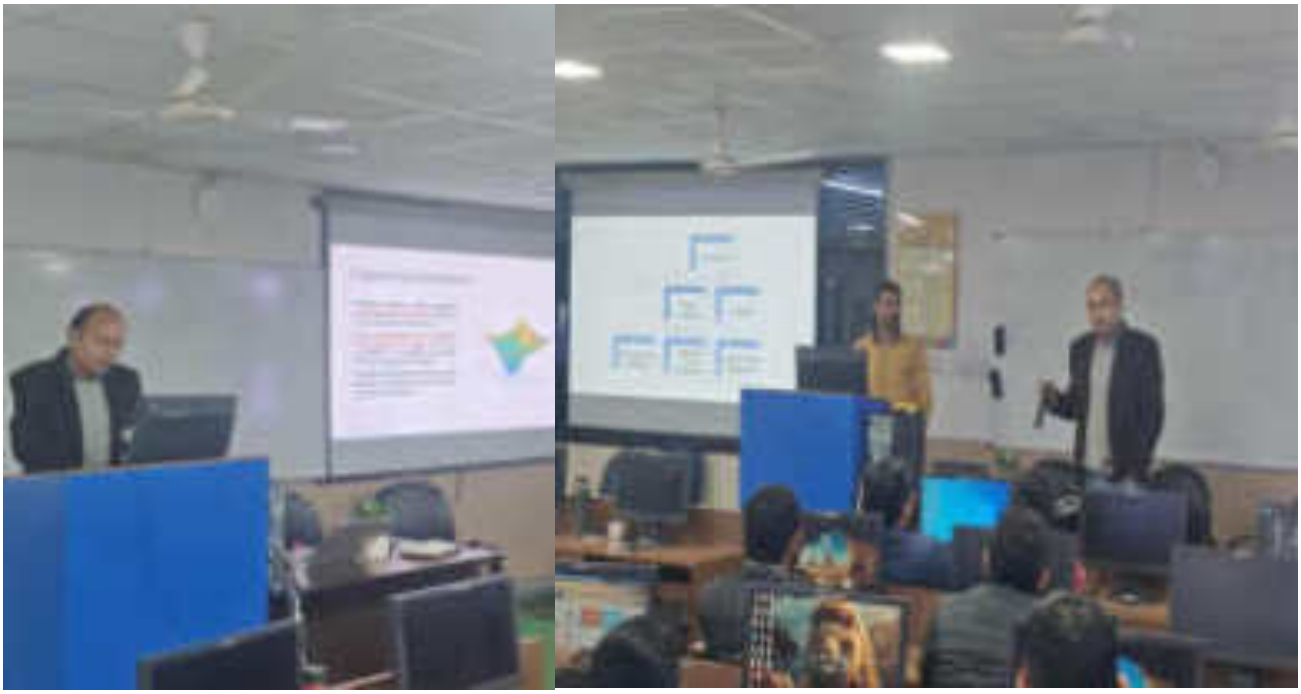
Session 3: (8:30-11:00 AM)

- The third session was taken by **Mr. Yogesh Kumar**, **Scientist- 'E', SAG, Defence R&D Organization (DRDO), Govt. of India, Delhi.**
- The topic for this session was **"Cryptography in Real Life, Pros and Cons of Artificial Intelligence".**
- He presents the cryptographic techniques in a way that highlights their effectiveness and practical applications.
- He faces the challenges of cryptography like a hidden message in a painting-at first, it seems simple, but once discovered, its value becomes clear, revealing crucial secrets.
- He demonstrates practical examples of cryptographic techniques.
- He explained the One-Time Pad, Vigenère cipher technique, and Kerckhoff's principle.
- Participants learned about cryptographic techniques for securing and extracting meaningful information from sensitive data.
- Practical demonstrations showcased how cryptographic techniques can enhance the security and privacy of sensitive data.

Article Discussion: (11:00-12:00 Noon)
Article Discussion interactive session in the supervision of Mr. Yogesh Kumar is organized successfully about the most promising AI application in healthcare sector.

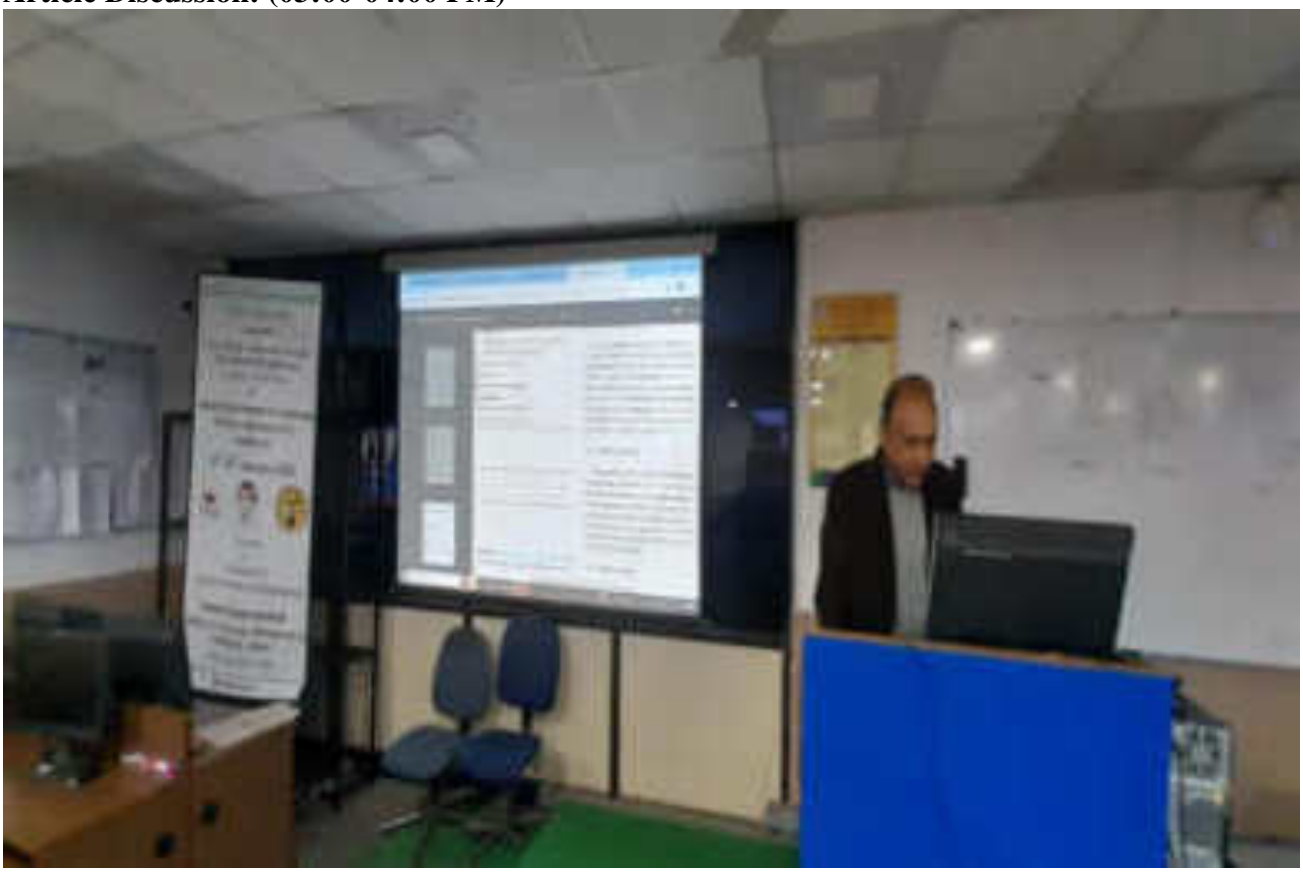
Day 2: (16/01/2025)
Session 4: (12:30-3:00 PM)

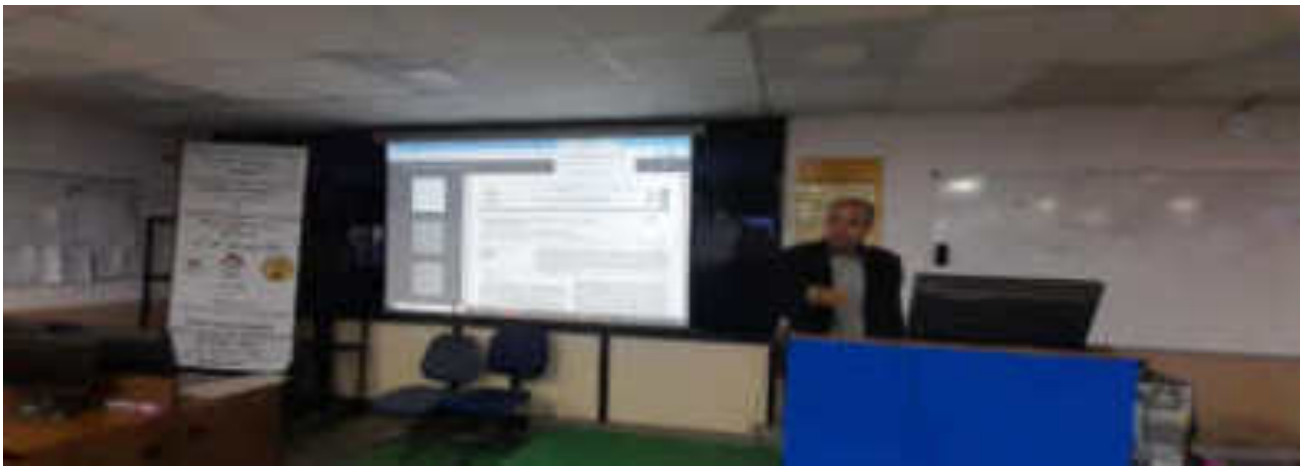
- The fourth session was taken by **Dr**. **Akash Saxena, Professor, School of Engineering & Technology, Central University of Haryana Mahendergarh, Gurugram.**
- The session was about **"Experimental Study on Feature Selection for Pandemic Detection Using the advanced versions of Marine Predator Algorithm"**.
- Participants engaged in discussions on published articles that explored general concepts and approaches related to optimization techniques.
- A critical analysis of the methodologies, results, and implications of articles on optimization techniques provided a deeper understanding of the current advancements in the field.
- Attendees actively shared their perspectives and insights, highlighting the importance of selecting the right approach for optimization to achieve meaningful outcomes in research and applications.
- He explained the Marine Predator Algorithm and its recent developments, highlighting how this optimization technique has evolved and its applications in various problem-solving scenarios.
- The session provided valuable insights on tools and strategies for selecting the appropriate journals and conferences to publish research work.
- Attendees gained knowledge about databases, indexing platforms, and online resources that assist in navigating the broad field of optimization techniques, ensuring their research reaches the relevant audience.
- Participants acquired practical skills in data gathering, optimization algorithm implementation, and performance evaluation, ensuring a comprehensive understanding of the optimization process.
- The discussions and hands-on sessions equipped educators with the knowledge necessary to guide participants and make significant contributions to the development of optimization techniques in various applications.



A hands-on session on Time Series Optimization, Properties, Prediction Models, and Medical Data Optimization was conducted by Dr. Akash Saxena.

Article Discussion: (03:00-04:00 PM)





Day 3:
Date: 17th January, 2025 (Friday)
Session 5: (8:30-11:00 AM)

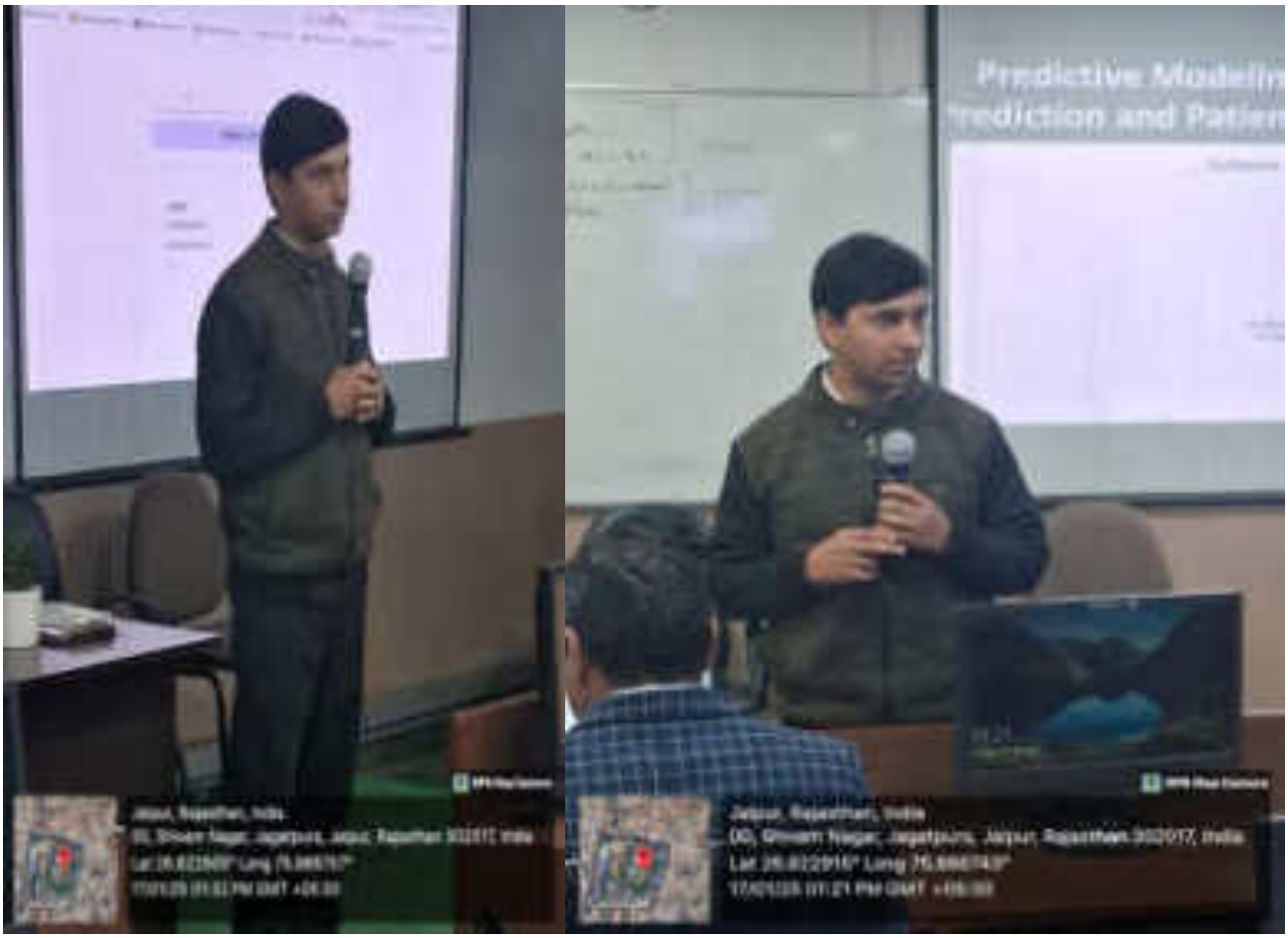
- Session was taken by **Prof. (Dr). Akash Saxena, Professor, Department of Electrical Engineering, School of Engineering and Technology, Central University of Haryana.**
- The session was about **"Challenges in Healthcare in India: Solutions Perspective Through Artificial Intelligence, AI demystifying the power of Mindfulness scientifically"**.
- He explains the five A's which includes Awareness, Access, Affordability, Absence of human power and Accountability
- He further discusses the research articles with the participants.
- He also took a very insightful hands-on session on Deep Learning applications for IoT in Healthcare.

Article Discussion: (11:00-12:00 Noon)

Article discussion session conducted by Prof. (Dr.) Akash Saxena. Identify areas for further research and debate. Discussed the review literature & future outlook of AI in healthcare.

Session 6: (12:30-3:00 PM)

- The sixth session was taken by **Dr. Sumit Kalra, Assistant Professor, Department of Computer Science & Engineering (CSE), Indian Institute of Technology (IIT), Jodhpur, Rajasthan.**
- The topic for the session was **"Predictive Modeling in Healthcare: Risk Prediction and Patient Outcome Forecasting".**
- He gave insights for various Research Paths which consists of Core Software Engineering Research and applied software engineering.
- He discussed Challenges in Building Digital Healthcare Solution.
- He explained the possible solutions to Build Digital Healthcare Solution.
- He further gave a Group activity to Find out-Problem Statement, Types of data input needed, Team Members required with their skill sets, Timeline and Roadmap, Key Performance Indicators (KPIs), Budget requirement under various heads.
- At the last discussed IoT Based Solutions for Real Time Monitoring.



Article Discussion: (03:00-04:00 PM)

The rapid advancements in Artificial Intelligence (AI) and Data Science are revolutionizing healthcare, offering innovative solutions for diagnosis, treatment, and patient care. This discussion explores how AI-powered tools, such as machine learning algorithms and predictive analytics, are enhancing medical imaging, drug discovery, and personalized medicine. However, challenges such as data privacy, ethical concerns, and regulatory frameworks must be addressed to ensure responsible AI deployment. As AI continues to evolve, its integration into healthcare presents both opportunities and challenges that require ongoing discussion among medical professionals, technologists, and policymakers. This article discussion session delves into the latest developments, ethical implications, and future potential of AI in healthcare.

Day 4:
Date: 18th January, 2025 (Saturday)
Session 7: (8:00-10:30 AM)

- The seventh session was continued by **Prof. (Dr). Sumantra Dutta Roy, Professor, Department of Electrical Engineering (EE), Indian Institute of Technology (IIT), Delhi.**
- The topic for the session was "**Introduction to Transformers/ LLMs/ ChatGPT**".
- He discussed tokenization, Positional Encoding, Transformer Block etc.
- He further explained the perceptron, ReLU, LeakyReLU, and PReLU.
- He discussed the various GPT models and the prompt along with its output.
- Then in the last he explained about the CNN model layers along with how it can be designed using XOR gates and basic logic gates.


Session 8: (10:30-1:00 PM)

- The eighth session was continued by **Prof. (Dr). Sumantra Dutta Roy, Professor, Department of Electrical Engineering, Indian Institute of Technology (IIT), Delhi.**
- The topic for the session was "**Neural Networks, GANs, LLMs, Tensor Analysis and Advanced Inferential Statistics**".
- He discussed tokenization, Positional Encoding, Transformer Block etc.
- He further explained the perceptron, ReLU, LeakyReLU, and PReLU.
- He discussed the various GPT models and the prompt along with its output.
- Then in the last he explained about the CNN model layers along with how it can be designed using XOR gates and basic logic gates.

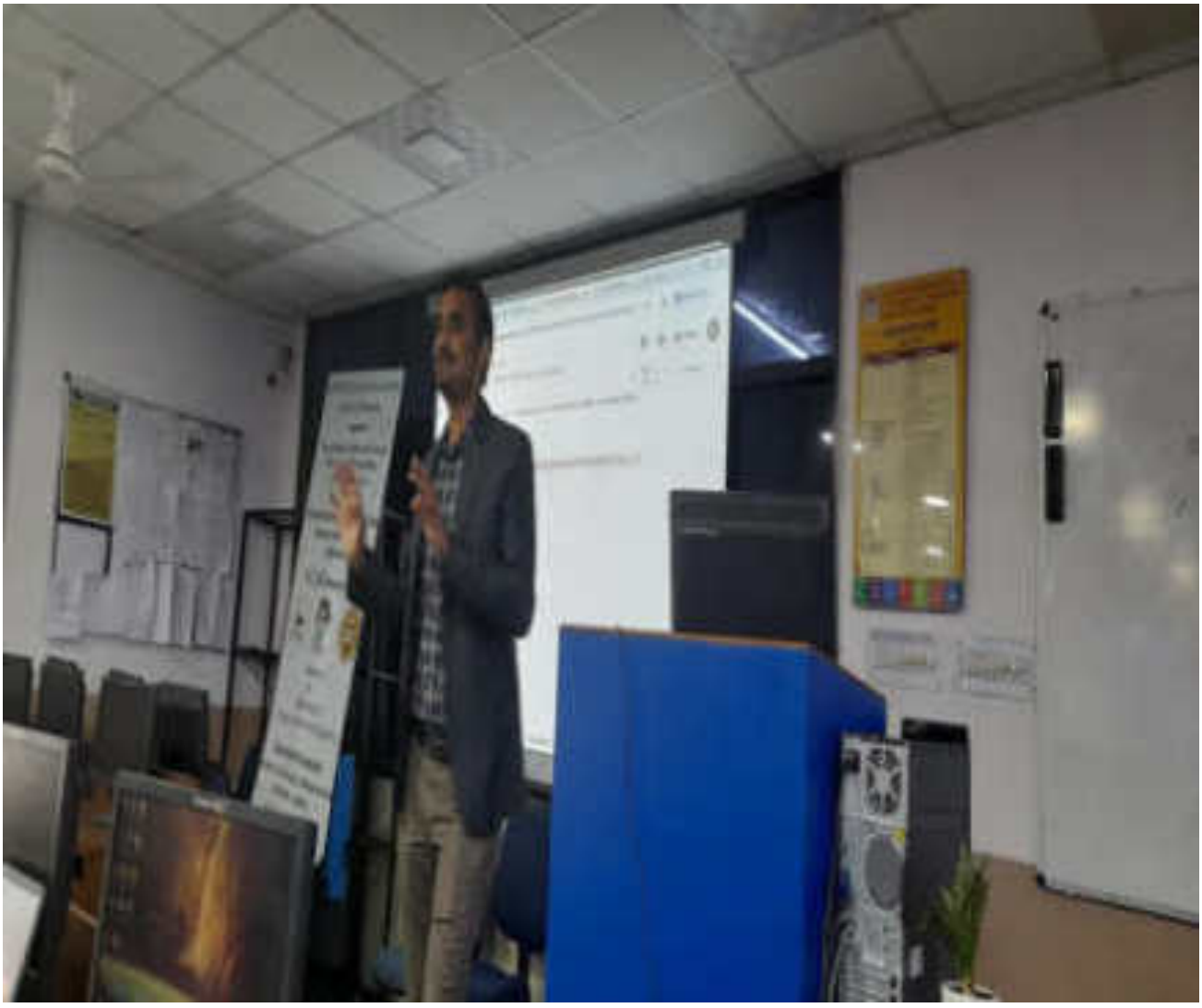
Session 9: (1:30-4:00 PM)

- The ninth session was continued by **Dr. Mukesh Kumar Gupta, Scientist 'F', Sr. Technical Director (IT) & HOD (Data Governance & Strategy Division), National Informatics Centre (NIC), New Delhi, Ministry of Electronics and Information Technology (Govt. of India).**
- The topic for the session was **"Transforming Healthcare with Generative AI: Opportunities, Challenges, and Future Prospects**".
- He discussed Generative AI, its architecture of Generative AI, Generative AI Tools and uses.
- He explained how Generative AI in Healthcare can be used.
- He further discussed Challenges & Ethical Considerations while using Generative AI.
- Then in the end he explained the Dos and Don'ts for students while using AI tools.

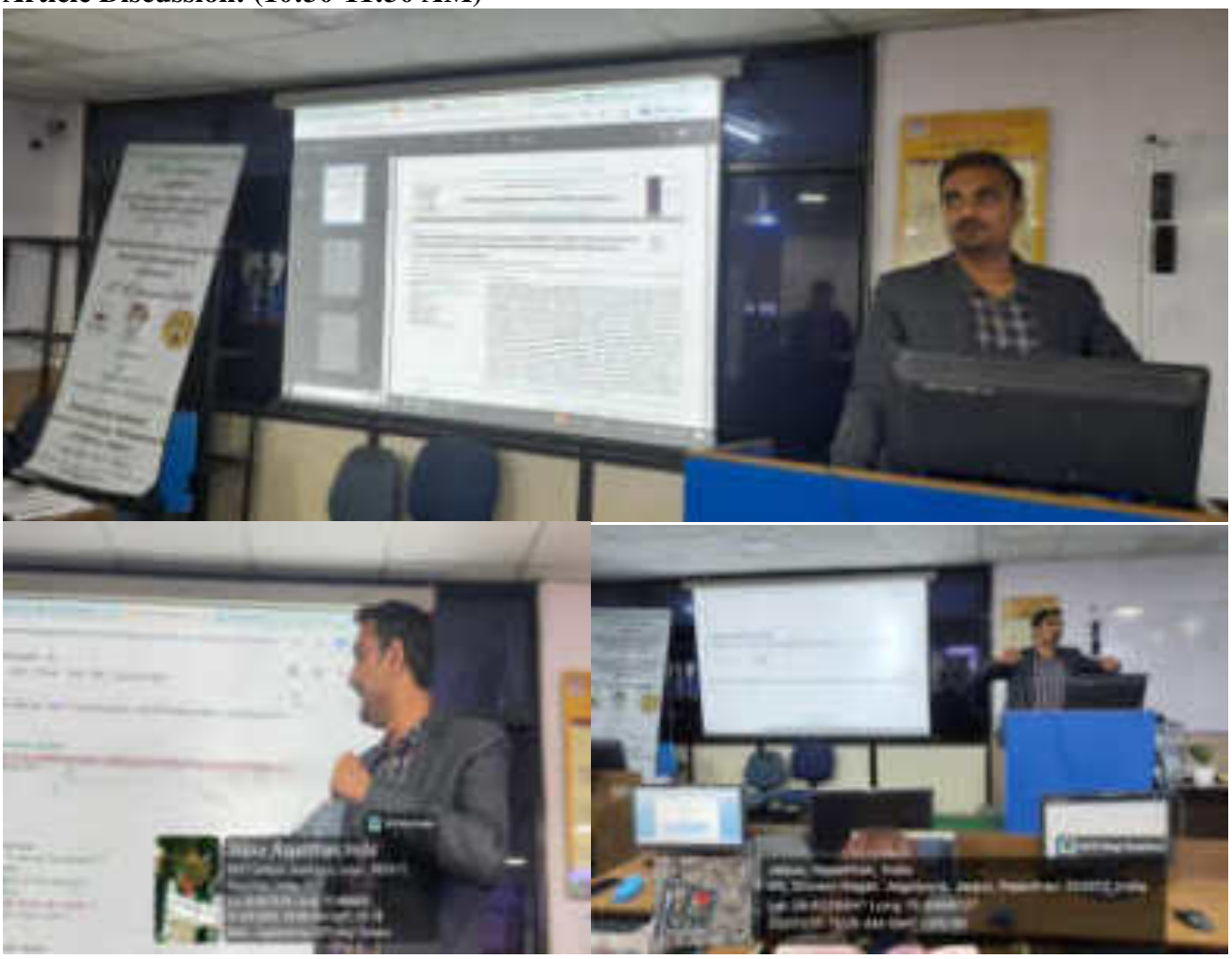
Day 5:
Date: 20th January, 2025 (Monday)

Session 10: (08:00-10:30 AM)

- The session was taken by **Dr. Nitesh Pradhan**, Assistant Professor, Department of Computer Science & Engineering, The LNM Institute of Information Technology (LNMIIT), Jaipur.
- The topic for the session was **"Importance of Data Science (DS) and Digital Image Processing (DIP), Hands on Session for Applications of AI & Data Science in Healthcare".**
- The session delves into the fundamental concepts of data involved in image processing, the crucial role of signal processing, the stages of the data science life cycle, and the wide-ranging applications of both data science and DIP across various domains.
- Furthermore, he discussed the challenges associated with data quality, accessibility, and the management of large datasets.
- At the conclusion of the session, the participants' doubts had been resolved.



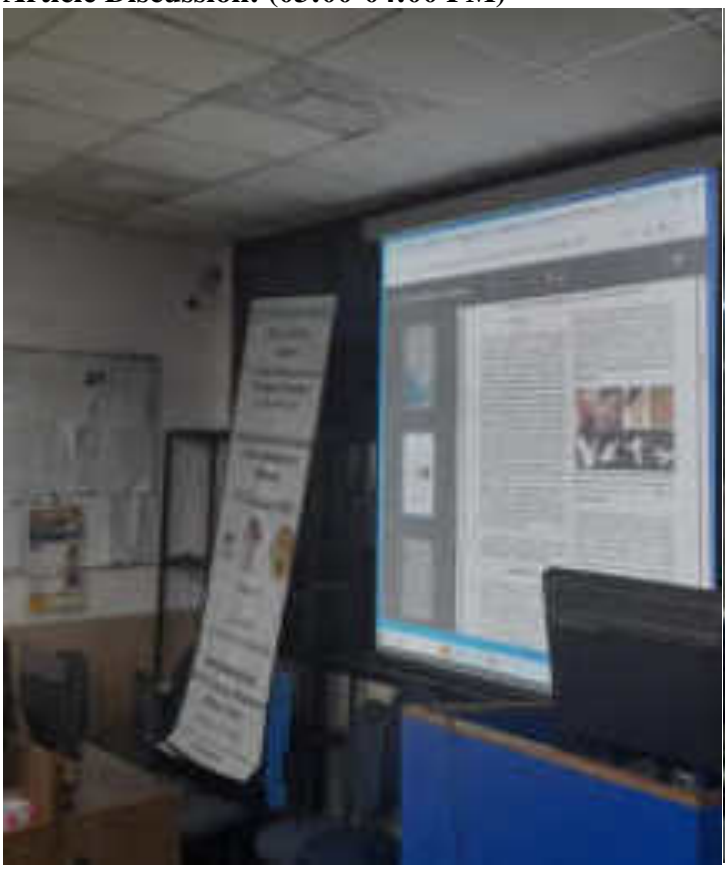
Article Discussion: (10:30-11:30 AM)



Session 11: (12:30-03:00 PM)

- The session was taken by **Dr. Joohi Chauhan,** Assistant Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (MNNIT), Allahabad.
- The topic for the session was **"Clinical Data Analysis, Healthcare Predictive Analytics, Public Health Surveillance and Epidemiology".**
- She started her talk with the formal definition of clinical data and its importance.
- She explains the **types of medical datasets, and what are their public repositories.**
- She further discussed Public Health Surveillance along with the Surveillance System Attributes.
- She explained the **various steps of the Surveillance Process** in detail.
- At the conclusion of the session, the participants' doubts had been resolved.

Article Discussion: (03:00-04:00 PM)



Day 6:
Date: 21st January, 2025 (Tuesday)

Session 12: (08:30-11:00 AM)

- The session was taken by **Dr. Puneet Goyal,** Associate Professor (CSE), Indian Institute of Technology, Ropar.
- The topic for the session was **"Medical Imaging Modalities, Use of AI, Gen AI and Image Processing for Healthcare Applications".**
- He explains about the **Key Components of Data Science in Healthcare.**
- He discussed **Applications of AI, ML and Data Science in Healthcare.**
- He further explained various **Generative AI Models** like **VAE, GAN, GPTs, DM and their applications.**
- He also discussed the **Medical Imaging Modalities.**
- At the conclusion of the session, he shared **some medical /other datasets related links** with the participants & brief Summary of Medical Imaging Modalities.

Article Summary: (11:00-12:00 Noon)

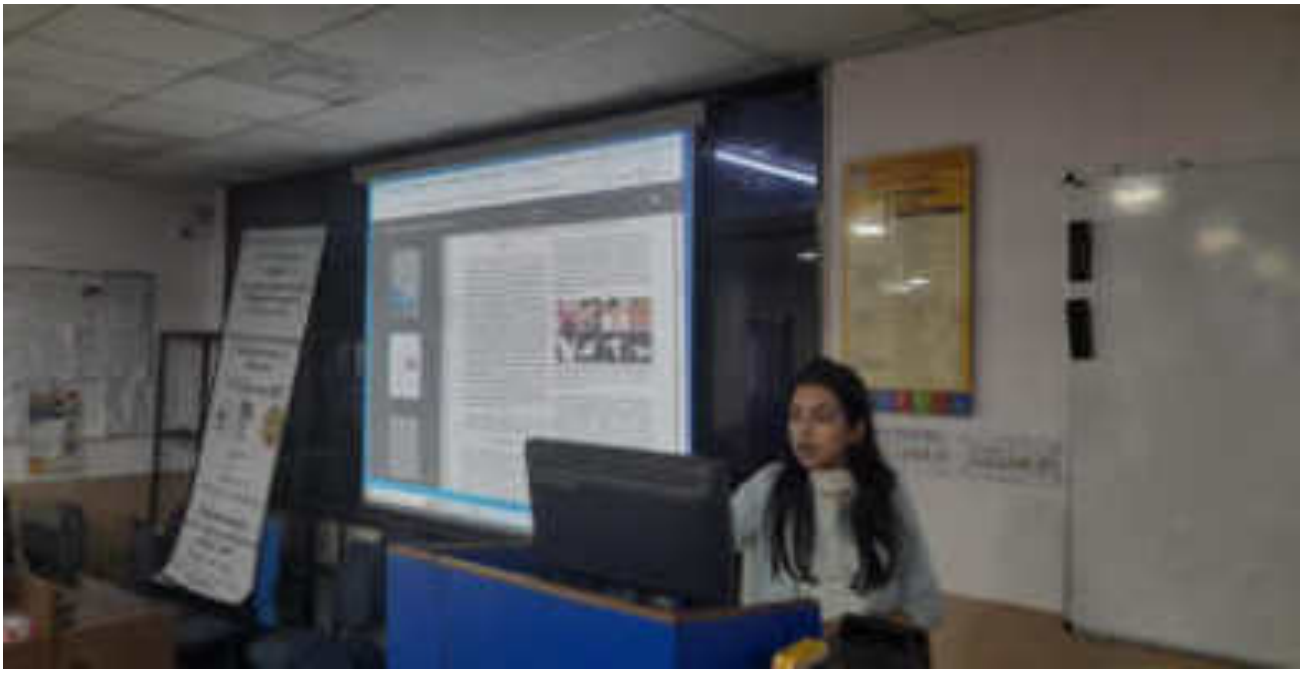
This Article Summary Session is overall discussions of the summary on the various Articles. AI-driven healthcare systems can improve diagnostic accuracy, optimize hospital operations, and provide early disease detection, leading to better patient outcomes.

Session 13: (12:30-03:00 PM)

- The session was taken by **Dr. Joohi Chauhan,** Assistant Professor, Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology (MNNIT), Allahabad.
- The topic for the session was **"Latest Advancements in Smart Sensing and their Applications".**
- She explains about **Smart Sensing in Healthcare and its applications.**
- She discussed the role of **IoT in Smart Sensing.**
- She further discussed **Multispectral Imaging** and how it can be integrated with other technologies.
- At the conclusion of the session, the participants' doubts had been resolved.

Article Summary: (3:00-4:00 PM)

Artificial Intelligence (AI) and Data Science are transforming the healthcare industry by improving diagnostics, treatment planning, and operational efficiency. The overall discussions of the article summary explore how AI-driven technologies, such as machine learning and predictive analytics, are enhancing medical imaging, enabling early disease detection, and personalizing treatment strategies. Additionally, AI is accelerating drug discovery and optimizing hospital management, leading to improved patient care and resource allocation. Despite these advancements, challenges such as data security, ethical concerns, and regulatory compliance remain critical. The article summary highlights the need for a balanced approach that leverages AI's potential while ensuring responsible implementation in healthcare.



Day 7:
Date: 22nd January, 2025 (Wednesday)

Industrial visit was to the **Sri Ram Cancer & Superspeciality Centre, Jaipur** (a unit of Mahatma Gandhi Medical College and Hospital, Jaipur): Industry based problem solving.

Industrial Visit: (9:00-04:30 PM)

Sri Ram Cancer & Superspeciality Centre Overview:

Sri Ram Cancer & Superspeciality Centre **(a unit of Mahatma Gandhi Medical College and Hospital, Jaipur)** which is on top of the most comprehensive cancer care centers in Rajasthan providing all the facilities of the oncology branch of science under one single roof. Here patients have access to a full range of cancer care - from prevention, screening, diagnosis and treatment to rehabilitation and supportive/palliative care.

The modalities of cancer treatment offered at MGH Jaipur are:

- Radiation Oncology
- Surgical Oncology
- Medical Oncology
- Hemato Oncology


MEDICAL EQUIPMENTS

Activities during the Visit:

1. **Hospital Tour**: Participants were taken on a guided tour of the hospital, visiting different departments such as the emergency ward, outpatient clinics, diagnostic facilities, and inpatient areas.
2. **Interaction with Medical Staff**: Participants had the opportunity to interact with doctors, nurses, and other healthcare professionals, gaining insights into their daily routines and responsibilities.
3. **Patient Care Observation**: The visit included observations of patient care activities, allowing participants to understand the importance of compassionate and effective healthcare.
4. **Discussion on Healthcare Management**: Hospital administrators provided a presentation on healthcare management, covering topics such as patient safety, quality control, and the integration of technology in healthcare delivery.

Outcomes of the Visit:

1. **Practical Exposure**: The visit provided Participants with practical exposure to the healthcare environment, helping them relate theoretical knowledge to real-world applications.
2. **Healthcare Operations**: Participants gained insights into the operations of a large hospital, including the coordination between different departments for efficient patient care.
3. **Healthcare Professionals & Roles**: Interactions with medical staff clarified the roles and responsibilities of various healthcare professionals, fostering an understanding of teamwork in healthcare delivery.
5. **Patient-Centric Approach:** Observing patient care activities emphasized the importance of a patient-centric approach in healthcare.


Mahatma Gandhi Hospital
महात्मा गांधी अस्पताल

Day 8:
Date: 23rd January, 2025 (Thursday)

Industrial Visit: (9:00-04:30 PM)

Industrial visit was to the **Software Technology Parks of India (STPI):** Industry based problem solving.

STPI Overview:
Software Technology Parks of India (STPI) is an autonomous society under the Ministry of Electronics and Information Technology, Government of India. It was established to promote and boost software exports from India. STPI facilitates the creation and export of software and IT-enabled services by providing a conducive environment for companies in the information technology sector.

Objectives of the Visit:

- To understand the role of STPI in fostering the growth of the IT industry in India.
- To observe the infrastructure and facilities provided by STPI to IT companies.
- To explore the opportunities and challenges in the IT industry.
- To interact with professionals and learn about emerging technologies in the software domain.

Activities during the Visit:

The industrial visit included the following activities:

1. **Presentation**: STPI representatives delivered a presentation on the organization objectives, achievements, and its role in promoting the IT industry in India.
2. **Interaction with IT Professionals**: Faculties had the opportunity to interact with IT professionals working in the STPI campus, gaining insights into their roles and responsibilities.
3. **Discussion on Emerging Technologies**: STPI experts engaged faculties in a discussion on the latest trends and emerging technologies in the software industry.

Outcomes of Visit:

1. **Institute industry Partnership:** To provide a conducive environment for upgradation of the technical knowledge of STPI personnel through seminars/conferences/training.
2. **Incubation for start-ups**: The visit provided insights into the state-of-the-art infrastructure and support services that contribute to the success of start-ups.
3. **Interface:** STPI works closely with the respective State Government and acts as an interface between Industry and Government.

Day 9:
Date: 24th January, 2025 (Friday)

Industrial Visit: (9:00-04:30 PM)

Industrial visit was to the **Software Technology Parks of India (STPI):** Industry based problem solving.

STPI Overview:
Software Technology Parks of India (STPI) is an autonomous society under the Ministry of Electronics and Information Technology, Government of India. It was established to promote and boost software exports from India. STPI facilitates the creation and export of software and IT-enabled services by providing a conducive environment for companies in the information technology sector.

Objectives of the Visit:

- To understand the role of STPI in fostering the growth of the IT industry in India.
- To observe the infrastructure and facilities provided by STPI to IT companies.
- To explore the opportunities and challenges in the IT industry.
- To interact with professionals and learn about emerging technologies in the software domain.

Activities during the Visit:

The industrial visit included the following activities:

1. **Presentation**: STPI representatives delivered a presentation on the organization objectives, achievements, and its role in promoting the IT industry in India.
2. **Interaction with IT Professionals**: Faculties had the opportunity to interact with IT professionals working in the STPI campus, gaining insights into their roles and responsibilities.
3. **Discussion on Emerging Technologies**: STPI experts engaged faculties in a discussion on the latest trends and emerging technologies in the software industry.


SOFTWARE TECHNOLOGY
STPI
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STPI

Outcomes of Visit:

1. **Institute industry Partnership:** To provide a conducive environment for upgradation of the technical knowledge of STPI personnel through seminars/conferences/training.
2. **Incubation for start-ups**: The visit provided insights into the state-of-the-art infrastructure and support services that contribute to the success of start-ups.
3. **Interface:** STPI works closely with the respective State Government and acts as an interface between Industry and Government.

Day 10:
Date: 25th January, 2025 (Saturday)

Industrial visit was to the **Sri Ram Cancer & Superspeciality Centre, Jaipur** (a unit of Mahatma Gandhi Medical College and Hospital, Jaipur): Industry based problem solving.

Industrial Visit: (9:00-04:30 PM)

Sri Ram Cancer & Superspeciality Centre Overview:

Sri Ram Cancer & Superspeciality Centre **(a unit of Mahatma Gandhi Medical College and Hospital, Jaipur)** which is on top of the most comprehensive cancer care centers in Rajasthan providing all the facilities of the oncology branch of science under one single roof. Here patients have access to a full range of cancer care - from prevention, screening, diagnosis and treatment to rehabilitation and supportive/palliative care.

The modalities of cancer treatment offered at MGH Jaipur are:

- Radiation Oncology
- Surgical Oncology
- Medical Oncology
- Hemato Oncology

Objectives of the Visit:

- To observe the day-to-day functioning of a large hospital.
- To understand the various departments and services offered by Mahatma Gandhi Hospital.
- To gain insights into patient care, medical technology, and healthcare management.
- To interact with healthcare professionals and learn about their roles and responsibilities.
- To explore the importance of quality healthcare services in the community.

Activities during the Visit:

1. **Hospital Tour**: Participants were taken on a guided tour of the hospital, visiting different departments such as the emergency ward, outpatient clinics, diagnostic facilities, and inpatient areas.
2. **Interaction with Medical Staff**: Participants had the opportunity to interact with doctors, nurses, and other healthcare professionals, gaining insights into their daily routines and responsibilities.
3. **Patient Care Observation**: The visit included observations of patient care activities, allowing participants to understand the importance of compassionate and effective healthcare.
4. **Discussion on Healthcare Management**: Hospital administrators provided a presentation on healthcare management, covering topics such as patient safety, quality control, and the integration of technology in healthcare delivery.


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Mahatma Gandhi Hospital
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Outcomes of the Visit:

1. **Practical Exposure**: The visit provided Participants with practical exposure to the healthcare environment, helping them relate theoretical knowledge to real-world applications.
2. **Healthcare Operations**: Participants gained insights into the operations of a large hospital, including the coordination between different departments for efficient patient care.
3. **Healthcare Professionals & Roles**: Interactions with medical staff clarified the roles and responsibilities of various healthcare professionals, fostering an understanding of teamwork in healthcare delivery.
4. **Patient-Centric Approach:** Observing patient care activities emphasized the importance of a patient-centric approach in healthcare.

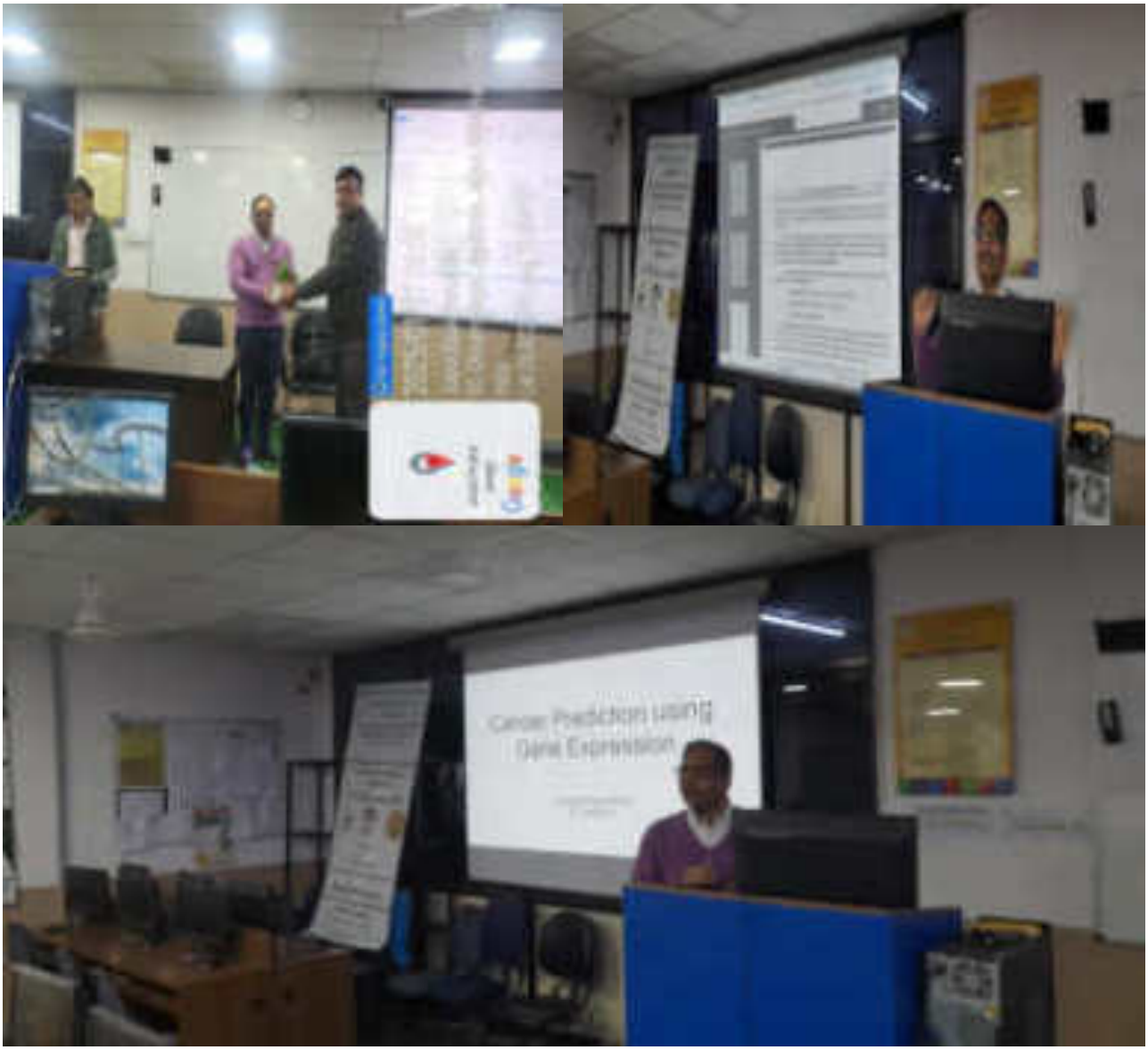
Day 11:
Date: 27th January, 2025 (Monday)

Session 14: (08:00-10:30 AM)

- Session was taken by **Prof. (Dr). Somitra Kumar Sanadhya,** Professor, Department of Computer Science and Engineering, Indian Institute of Technology(IIT) Jodhpur.
- The topic of the session was **"Security of Connected Medical Devices, Demo/ Hands-on, AI Algorithms, Developing Projects to automate daily tasks using Python".**
- He started the session with the introduction to **Connected Medical Devices and their types.**
- He explains the **Regulatory guidelines** and **Security challenges** with such devices.
- He also discusses **various collaborators** like Manufacturers, Healthcare providers, Regulatory bodies, Patients and the **use of AI** in such scenarios.

Session 15: (10:30-01:00 PM)

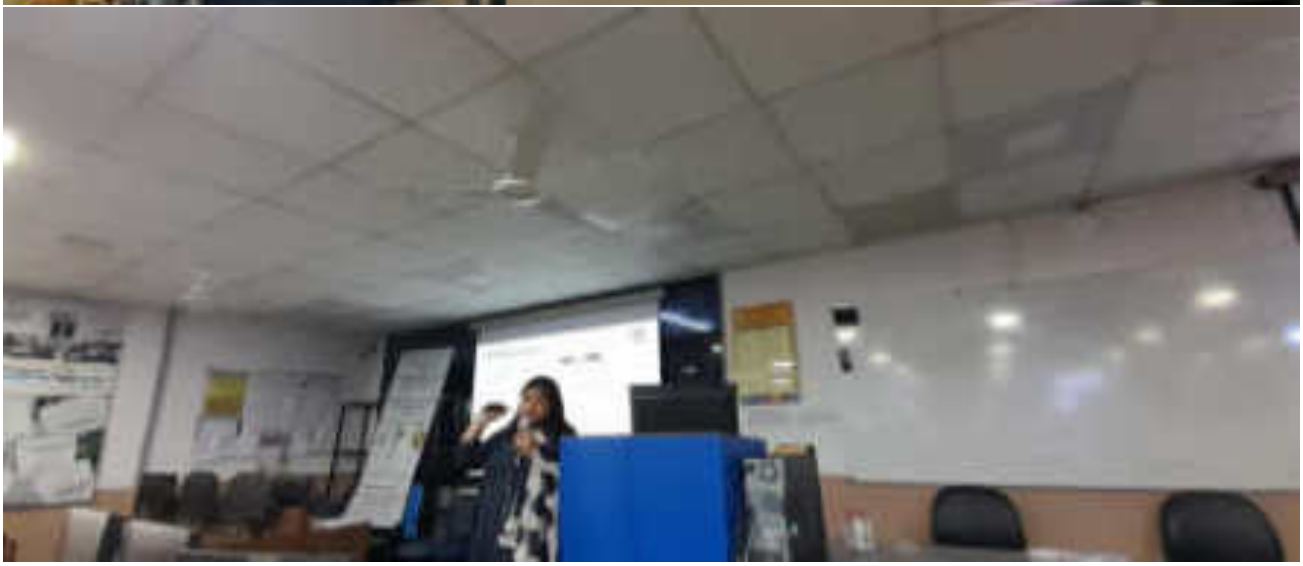
- Session was taken by **Prof. (Dr). Somitra Kumar Sanadhya,** Professor, Department of Computer Science and Engineering, Indian Institute of Technology(IIT) Jodhpur.
- The topic of the session was **"Cancer Prediction using Gene Expression, Demo/ Hands-on: Applications of Big Data Technologies (e.g., Hadoop, Spark) in Healthcare Analytics".**
- He started the session with the basics of **Gene Expression and Cancer.**
- He explains the case studies and the **Challenges in Cancer Prediction.**
- He also discusses the **Current tools and trends** along with the future directions in the **area of precision oncology.**



Session 16: (01:30-04:00 PM)

- Session was taken by **Prof. (Dr). Poonam Goyal,** Professor, Department of Computer Science & Information Systems, Birla Institute of Technology & Science (BITS), Pilani Campus, Rajasthan, India.
- The topic of the session was **"Multimodal Learning Systems and their use in Healthcare, R Programming for Healthcare Applications, Case Study: Internship Evaluation Platform Leveraging Artificial Intelligence: Advanced Technological Solution".**
- She started the session with the **basics of Multimodal Learning** and **its applications.**
- She discussed **Data Fusion Problem Statement** -Fusion of high spatial resolution satellite (Landsat-8 & Sentinel-2) data for permutation invariant applications.
- At the end, she listed **current research areas** and the details about the **funded research projects agencies**. The day concluded with the questions and answers from the session.

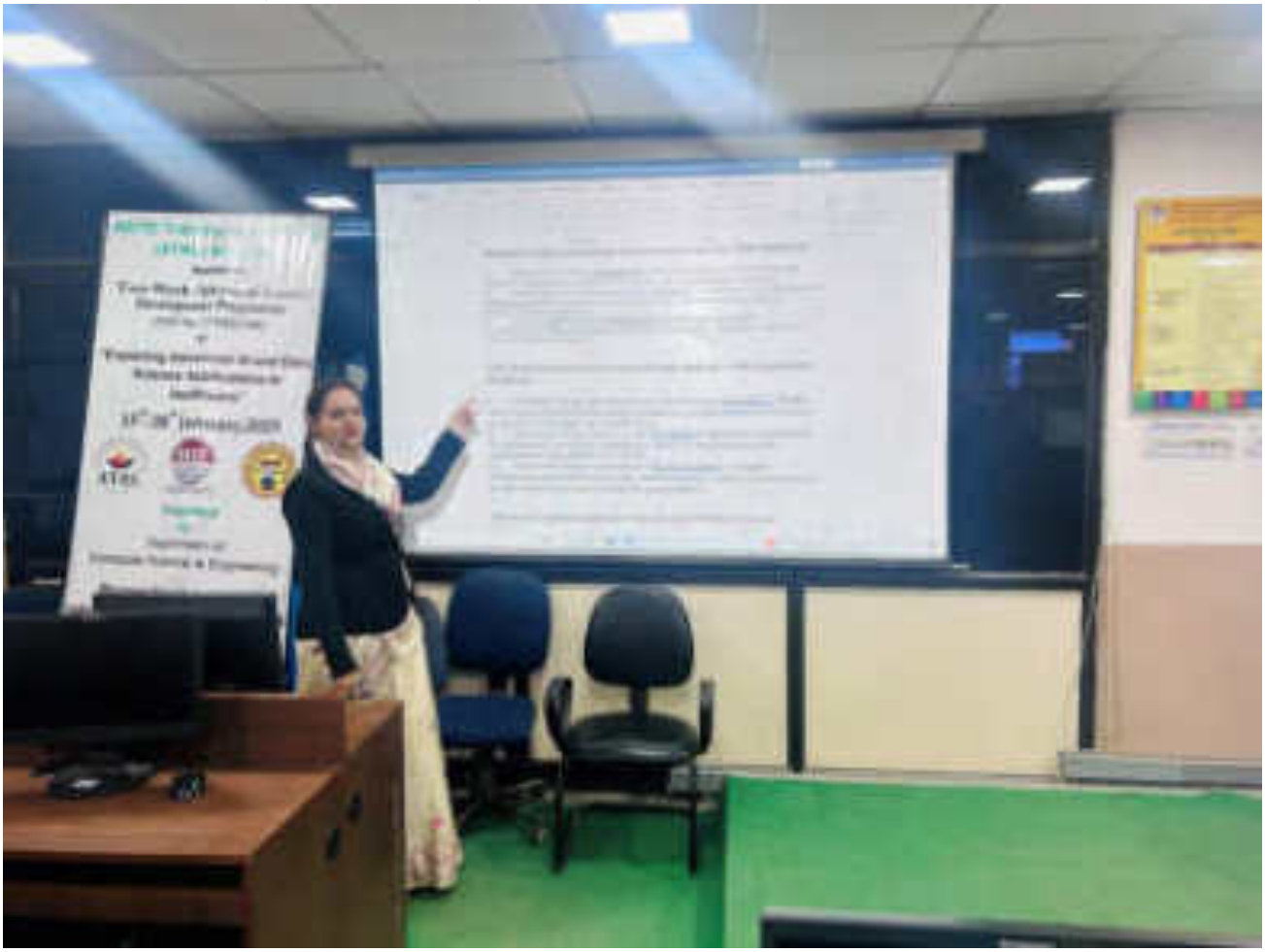

Sickle Cell Disease

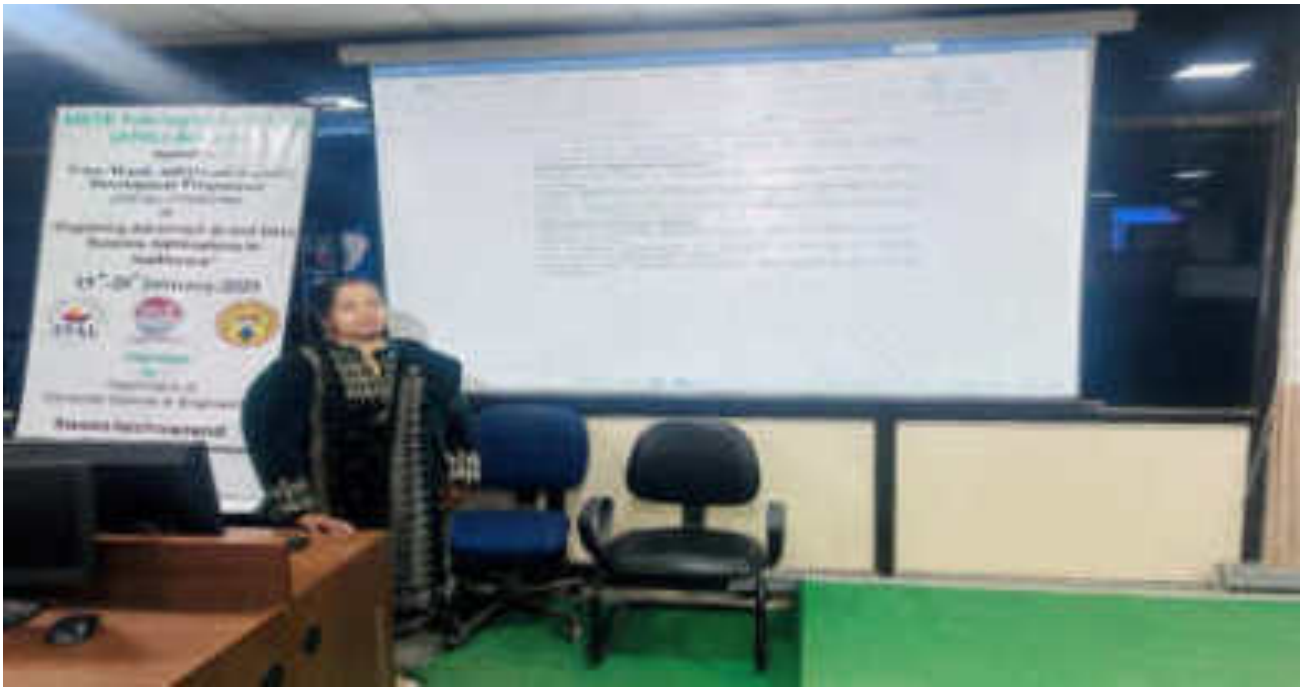


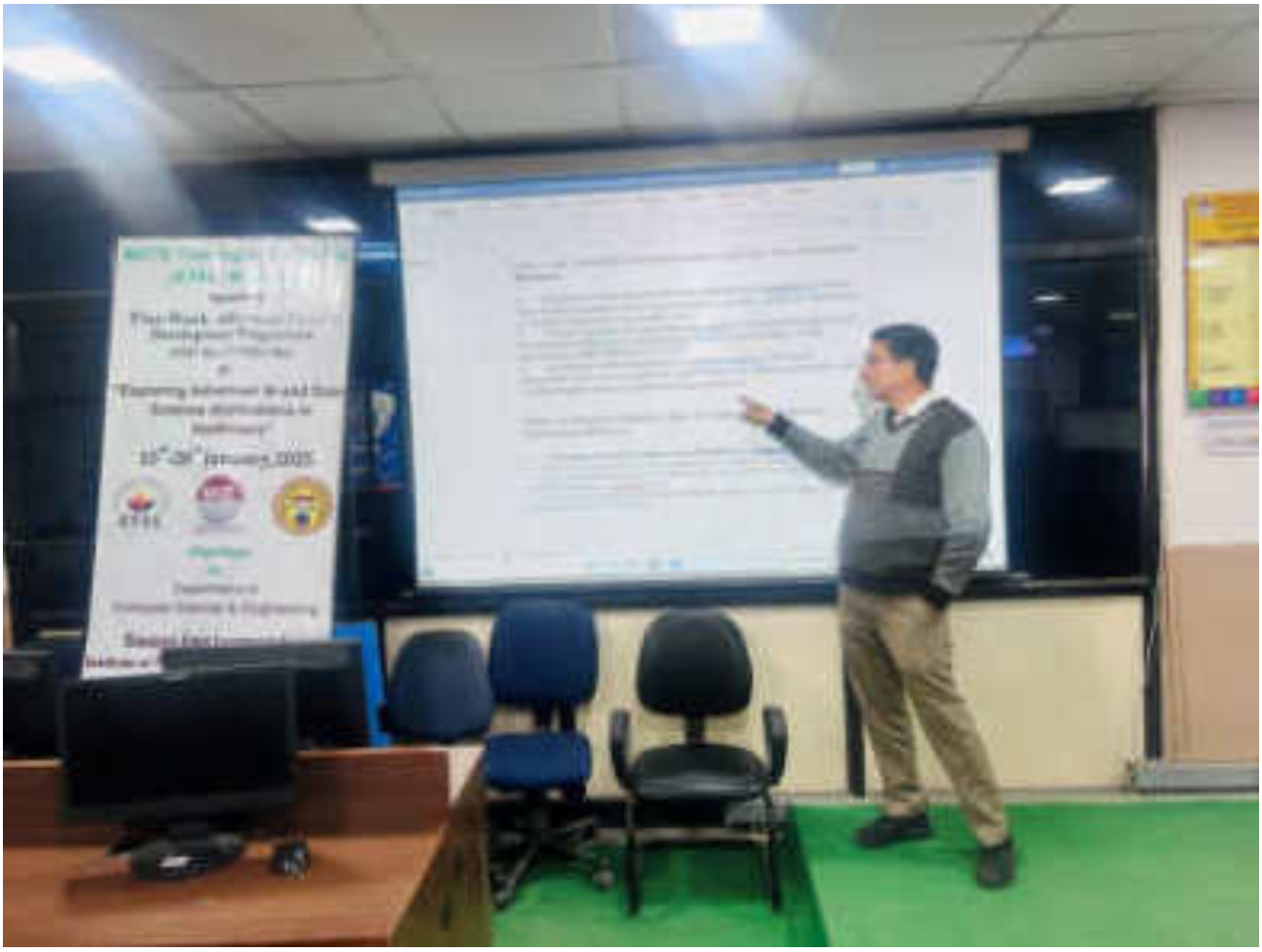
Day 12:
Date: 28th January, 2025 (Tuesday)

Team wise Presentation of the Output: (8:30-12:30 PM)

Reflection Journal (01:00-02:00 PM)







MCQ, Feedback & Interactions (02:00-3:00 PM)

Valedictory Session (3:00-4:00 PM)

एसकेआईटी में एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस ऍप्लिकेशन्स इन हेल्थ केयर पर दो सप्ताह की एआईसीटीई-अटल प्रायोजित एफडीपी का उद्घाटन

P3 Police Public Politics

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट, झालोधन में 15 जनवरी 2025 से दो सप्ताह की फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन हुआ। अटल द्वारा आयोजित इस फैकल्टी डेवलपमेंट प्रोग्राम का विषय एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस एप्लिकेशन्स इन हेल्थ केयर है व इस फैकल्टी डेवलपमेंट प्रोग्राम में अलग अलग संस्थानों से 50 से ज्यादा फैकल्टी ने भाग लिया। प्रोग्राम का शुभ आरंभ दीप प्रज्वलन से हुआ, जिसके बाद अतिथियों का स्वागत पौध द्वारा किया ।

उद्घाटन समारोह के अतिथि डॉ. दीपक जोशी, एसोसिएट प्रोफेसर, आईआईटी दिल्ली व डॉ. मंजू खरी, प्रोफेसर जेएनयू , दिल्ली थे। संस्थान के विभागाध्यक्ष प्रोफेसर मेहुल माथुर ने सभी अतिथियों और पार्टिसिपेंट्स का स्वागत किया। प्रो. पंकज दाधीच, डिप्टी हैड मीएमई , ने एफडीपी के बारे में सविस्तार विवरण दिया। इसके बाद डॉ. दीपक जोशी ने अपने शब्दों में बताया कि आजकल ऐ आई का प्रयोग हेल्थ केयर में बढ़ता जा रहा है।

इसके पश्चात् डॉ. मंजू खरी ने हेल्थ केयर में डाटा साइंस के उपयोग का महत्व बताया। प्रो. चोधमल चौधरी ने अंत में सभी अतिथियों व प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. पंकज दाधीच व डॉ. लक्ष्मीन कुमार ने किया।

एसकेआईटी जयपुर में 'एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस एप्लिकेशन्स इन हेल्थ केयर' पर दो सप्ताह की एआईसीटीई-अटल प्रायोजित एफडीपी का उद्घाटन

जयपुर (विशेष वैभव)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट, झालोधन में 15 जनवरी 2025 से दो सप्ताह की फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन हुआ। अटल द्वारा आयोजित इस फैकल्टी डेवलपमेंट प्रोग्राम का विषय 'एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस एप्लिकेशन्स इन हेल्थ केयर' है व इस फैकल्टी डेवलपमेंट प्रोग्राम में अलग अलग संस्थानों से 50 से ज्यादा फैकल्टी ने भाग लिया। प्रोग्राम का शुभ आरंभ दीप प्रज्वलन से हुआ, जिसके बाद अतिथियों का स्वागत पौध द्वारा किया । उद्घाटन समारोह के अतिथि डॉ. दीपक जोशी, एसोसिएट प्रोफेसर, आईआईटी दिल्ली व डॉ. मंजू खरी, प्रोफेसर जेएनयू, दिल्ली थे। संस्थान के विभागाध्यक्ष प्रोफेसर मेहुल माथुर ने सभी अतिथियों और पार्टिसिपेंट्स का स्वागत किया। प्रो. पंकज दाधीच, डिप्टी हैड मीएमई , ने एफडीपी के बारे में सविस्तार विवरण दिया। इसके बाद डॉ. दीपक जोशी ने अपने शब्दों में बताया कि आजकल ऐ आई का प्रयोग हेल्थ केयर में बढ़ता जा रहा है। उसके पश्चात् डॉ. मंजू खरी ने हेल्थ केयर में डाटा साइंस के उपयोग का महत्व बताया। प्रो. चोधमल चौधरी ने अंत में सभी अतिथियों व प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. पंकज दाधीच व डॉ. लक्ष्मीन कुमार ने किया।

SKIT में एआईसीटीई-अटल द्वारा प्रायोजित एफडीपी का उद्घाटन

बेधड़क. जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट, ग्रामोथन में बुधवार से दो सप्ताह के फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन शुरू हुआ। एआईसीटीई-अटल द्वारा प्रायोजित इस प्रोग्राम का विषय "एक्सप्लोरिंग एडवांस्ड एआई एंड डाटा साइंस ऍप्लिकेशंस इन हेल्थ केयर" रखा गया है। इसमें विभिन्न संस्थानों के 50 से ज्यादा फैकल्टी ने भाग ले रहे हैं। उद्घाटन समारोह में अतिथियों आईआईटी दिल्ली के एसोसिएट प्रोफेसर डॉ. दीपक जोशी, डॉ. मंजू खरी और जेएनयू-दिल्ली के प्रोफेसर ने दीप प्रज्वलन कर कार्यक्रम का आगाज किया। इस मौके पर प्रोफेसर मेहुल महर्षि ने आगंतुकों का स्वागत किया। डिप्टी हेड सीएसई प्रो. पंकज दाधीच ने एफडीपी के बारे में बताया। डॉ. दीपक जोशी ने बताया कि आजकल एआई का प्रयोग हेल्थ केयर में बढ़ता जा रहा है। डॉ. मंजू खरी ने हेल्थ केयर में डाटा साइंस के उपयोग का महत्व बताया। प्रो. चौथमल चौधरी ने अतिथियों व प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. पंकज दाधीच व डॉ. लवलीन कुमार ने किया।

एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस प्लिकेशन्स इन हेल्थ केयर' पर एफडीपी शुरू

विशेष गरिमा

जयपुर । स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में दो सप्ताह की फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन हुआ। अटल द्वारा आयोजित इस फैकल्टी डेवलपमेंट प्रोग्राम का विषय एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस प्लिकेशन्स इन हेल्थ केयर है एवं इस प्रोग्राम में अलग अलग संस्थानों से 50 से ज्यादा फैकल्टी ने भाग लिया। प्रोग्राम का शुभ आरंभ दीप प्रज्ज्वल से हुआ, जिसके बाद अतिथियों का स्वागत पौध द्वारा किया । उद्घाटन समारोह के अतिथि डॉ. दीपक जोशी, डॉ. मंजू खरी थे। संकाय के विभागध्यक्ष प्रोफेसर मेहुल महर्षि ने सभी अतिथियों और पार्टिसिपेंट्स का स्वागत किया। प्रो. पंकज दाधीच, डिप्टी हैड सीएसई , ने एफडीपी के बारे में संक्षिप्त विवरण दिया। इसके बाद डॉ. दीपक जोशी ने अपने शब्दों में बताया कि आजकल ऐ आई का प्रयोग हेल्थ केयर में बढ़ता जा रहा है। उसके पश्चात् डॉ. मंजू खरी ने हेल्थ केयर में डाटा साइंस के उपयोग का महत्त्व बताया। प्रो. चोथमल चौधरी ने अंत में सभी अतिथियों व प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. पंकज दाधीच व डॉ. लवलीन कुमार ने किया।

'एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस एप्लिकेशन्स इन हेल्थ केयर' पर एफडीपी शुरू

यक्षम समाचार पत्रिका

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में दो सप्ताह की फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन हुआ। अटल द्वारा आयोजित इस फैकल्टी डेवलपमेंट प्रोग्राम का विषय एक्सप्लोरिंग एडवांस्ड ऐआई एंड डाटा साइंस एप्लिकेशन्स इन हेल्थ केयर है एवं इस प्रोग्राम में अलग अलग संस्थानों से 50 से ज्यादा फैकल्टी ने भाग लिया। प्रोग्राम का शुभ आरंभ दीप प्रज्ज्वल से हुआ, जिसके बाद अतिथियों का स्वागत पौध द्वारा किया । उद्घाटन समारोह के अतिथि डॉ. दीपक जोशी, डॉ. मंजू खरी थे। संकाय के विभागध्यक्ष प्रोफेसर मेहुल महर्षि ने सभी अतिथियों और पार्टिसिपेंट्स का स्वागत किया। प्रो. पंकज दाधीच, डिप्टी हैड सीएसई , ने एफडीपी के बारे में संक्षिप्त विवरण दिया। इसके बाद डॉ. दीपक जोशी ने अपने शब्दों में बताया कि आजकल ऐ आई का प्रयोग हेल्थ केयर में बढ़ता जा रहा है। उसके पश्चात् डॉ. मंजू खरी ने हेल्थ केयर में डाटा साइंस के उपयोग का महत्त्व बताया। प्रो. चोथमल चौधरी ने अंत में सभी अतिथियों व प्रतिभागियों को धन्यवाद ज्ञापित किया। कार्यक्रम का संचालन डॉ. पंकज दाधीच व डॉ. लवलीन कुमार ने किया।

एसकेआईटी में चल रहे 'एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर' का हुआ समापन

आयुष-अंतिमा नेटवर्क

जयपुर (श्रीराम इंदौरिया)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान, जयपुर के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग मे चल रहे दो साप्ताहिक एआईसीटीई ट्रेनिंग एंड लर्निंग (अटल) स्पॉन्सर्ड एडवांस फैकल्टी डेवलपमेंट प्रोग्राम एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का समापन 28 जनवरी 2025 को हुआ। इस दिन प्रतिभागियों ने अपने सीखने की पत्रिका (रिफ्लेक्शन जर्नल) को प्रस्तुत किया। प्रतिभागियों ने बताया कि कैसे एफडीपी में हुए सत्र उनकी सहायता कर सकते है। सत्र में बताई गई बातों से एआई व डेटा साइंस की मदद से हेल्थकेयर में काफी सहायता मिल सकती है। अंत में एफडीपी का समापन प्रो.अनिल चौधरी, विभागाध्यक्ष आईटी के सुशब्दों से हुआ। प्रो.मेहुल महर्षि, विभागाध्यक्ष सीसई ने सभी प्रतिभागियों की सराहना करते हुए उनके रिफ्लेक्शन जर्नल की प्रशंसा की व प्रो.पंकज दाधीच ने वोट ऑफ थैंक्स देकर एफडीपी का समापन किया। इस एफडीपी के मुख्य आयोजक प्रो.पंकज दाधीच व डॉ.लवलीन कुमार थे।

खबरें-फटाफट...

एक्सप्लोरिंग एडवांस एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का हुआ समापन

जयपुर।(आस-पास ब्यूरो) स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथन के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग में दो साप्ताहिक एआईसीटीई ट्रेनिंग एंड लर्निंग (अटल) स्पॉन्सर्ड एडवांस फैकल्टी डेवलपमेंट प्रोग्राम 'एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर' का समापन हुआ। इस दिन प्रतिभागियों ने अपने सीखने की पत्रिका (रिफ्लेक्शन जर्नल) को प्रस्तुत किया। प्रतिभागियों ने बताया कि कैसे एफडीपी में हुए सत्र उनकी सहायता कर सकते है। सत्र में बताई गई बातों से एआई व डेटा साइंस की मदद से हेल्थकेयर में काफी सहायता मिल सकती है।अंत में एफडीपी का समापन प्रो अनिल चौधरी, विभागाध्यक्ष आई.टी. के सुशब्दों से हुआ। प्रो. मेहुल महर्षि, विभागाध्यक्ष सीसइ ने सभी प्रतिभागियों के सराहना करते हुए उनके रिफ्लेक्शन जर्नल की प्रशंसा की व प्रो. पंकज दाधीच ने वोट ऑफ थैंक्स दे कर एफडीपी का समापन किया।इस एफडीपी के मुख्य आयोजक प्रो. पंकज दाधीच व डॉ. लवलीन कुमार थे।

एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का समापन

जयपुर (मृदुल पत्रिका)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथन के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग में दो साप्ताहिक एआईसीटीई ट्रेनिंग एंड लर्निंग (अटल) स्पॉन्सर्ड एडवांस फैकल्टी डेवलपमेंट प्रोग्राम - एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर - का समापन हुआ। इस दिन प्रतिभागियों ने अपने सीखने की पत्रिका(रिफ्लेक्शन जर्नल) को प्रस्तुत किया। प्रतिभागियों ने बताया कि कैसे एफडीपी में हुए सत्र उनकी सहायता कर सकते है। सत्र में बताई गई बातों से एआई व डेटा साइंस की मदद से हेल्थकेयर में काफी सहायता मिल सकती है।अंत में एफडीपी का समापन प्रो अनिल चौधरी, विभागाध्यक्ष आई.टी. के सुशब्दों से हुआ। प्रो. मेहुल महर्षि, विभागाध्यक्ष सीसइ ने सभी प्रतिभागियों के सराहना करते हुए उनके रिफ्लेक्शन जर्नल की प्रशंसा की व प्रो. पंकज दाधीच ने वोट ऑफ थैंक्स दे कर एफडीपी का समापन किया।इस एफडीपी के मुख्य आयोजक प्रो. पंकज दाधीच व डॉ. लवलीन कुमार थे।

एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का समापन

● जयपुर गुलाबी टाइम्स

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एसकेआईटी में चल रहे ट्रेनिंग एंड लर्निंग प्रोग्राम का हुआ समापन

❐ शुभ लहर तरंग नेटवर्क

जयपुर (श्रीराम इंदौरिया)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान, जयपुर के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग मे चल रहे दो साप्ताहिक एआईसीटीई ट्रेनिंग एंड लर्निंग (अटल) स्पॉन्सर्ड एडवांस फैकल्टी डेवलपमेंट प्रोग्राम एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का समापन 28 जनवरी 2025 को हुआ। इस दिन प्रतिभागियों ने अपने सीखने की पत्रिका (रिफ्लेक्शन जर्नल) को प्रस्तुत किया। प्रतिभागियों ने बताया कि कैसे एफडीपी में हुए सत्र उनकी सहायता कर सकते है। सत्र में बताई गई बातों से एआई व डेटा साइंस की मदद से हेल्थकेयर में काफी सहायता मिल सकती है। अंत में एफडीपी का समापन प्रो.अनिल चौधरी, विभागाध्यक्ष आईटी के सुशब्दों से हुआ। प्रो.मेहुल महर्षि, विभागाध्यक्ष सीसई ने सभी प्रतिभागियों की सराहना करते हुए उनके रिफ्लेक्शन जर्नल की प्रशंसा की व प्रो.पंकज दाधीच ने वोट ऑफ थैंक्स देकर एफडीपी का समापन किया। इस एफडीपी के मुख्य आयोजक प्रो.पंकज दाधीच व डॉ.लवलीन कुमार थे।

एक्सप्लोरिंग एडवांस्ड एआई एंड डेटा साइंस एप्लिकेशन इन हेल्थकेयर का समापन

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प्रतिभागियों ने बताया कि कैसे एफडीपी में हुए सत्र उनकी सहायता कर सकते है। सत्र में बताई गई बातों से एआई व डेटा साइंस की मदद से हेल्थकेयर में काफी सहायता मिल सकती है।अंत में एफडीपी का समापन प्रो अनिल चौधरी, विभागाध्यक्ष आई.टी. के सुशब्दों से हुआ। प्रो. मेहुल महर्षि, विभागाध्यक्ष सीसइ ने सभी प्रतिभागियों के सराहना करते हुए उनके रिफ्लेक्शन जर्नल की प्रशंसा की व प्रो. पंकज दाधीच ने वोट ऑफ थैंक्स दे कर एफडीपी का समापन किया। इस एफडीपी के मुख्य आयोजक प्रो. पंकज दाधीच व डॉ. लवलीन कुमार थे।

-THANK YOU-