

FACULTY DEVELOPMENT PROGRAMME- AGENTIC AI AND DATA ANALYTICS FOR ACADEMICIANS

ACTIVITY REPORT

EVENT INFORMATION

Centre / Department	Department of Computer Science, Department of Statistics and Data Science
Collaborators	Centre for Artificial intelligence
Location	CHRIST (Deemed to be University), Pune Lavasa Campus
Event Title	FACULTY DEVELOPMENT PROGRAMME- Agentic AI and Data Analytics for Academicians
No of Activities	6
Date and Time	27 July 2026 to 01 August 2026 9:30 AM - 4:30 PM
Venue	Smart Room, Central Block
Academic Year	2026-27
Event Type (Focus)	Faculty Development Program (FDP)
Blog Link	https://christuniversitylavasa.blogspot.com/2026/08/faculty-development-programme-agentic.html



PARTICIPANTS INFORMATION

Target Audience	Staff
Organising Committee Details	Event Coordinators: Vandana Yadav, LIJA JACOB
No of Student Volunteers	0
No of Attendees/ Participants	Total: 24 (Internal: 24, External: 0)

SPEAKERS & GUESTS

Kunal Pagariya
Designation: Software technical expert Organization: AMDOCS Contact: kunal.pagariya@gmail.com 9765989898 Profile Linked Bio: Mr. Kunal Pagariya is a Software Technical Expert at Amdocs India Pvt. Ltd. with over 15 years of professional experience in the IT and Telecom industry. He possesses extensive expertise in Java/J2EE Full Stack Development, Python, Data Analytics, Cloud Computing, DevOps, Artificial Intelligence (AI), and Generative AI. He is certified in AWS, Azure, Oracle Java (OCJP), CCNA, ITIL V3, and BMC Remedy Administration. In addition to his industry experience, Mr. Pagariya has over 14 years of teaching and corporate training experience. He has conducted numerous Faculty Development Programmes (FDPs), workshops, and corporate training sessions on Generative AI, Agentic AI, Python, Data Science, Cloud Computing, DevOps, and Data Analytics for prestigious institutions, including DRDO, Savitribai Phule Pune University, MIT, CHRIST (Deemed to be University), Symbiosis Institute, and several other higher education institutions. He has delivered more than 80 workshops and is recognized for bridging industry practices with academic learning.



Amith Ashokan

Designation: Director - Managing Partner **Organization:** Aysdev Global Consultancy LLP

Contact: amithashokan@gmail.com | 8850861138 | Profile Linked

Bio: With 25+ Years Cross-Domain experience in Management and Technology Consulting - AI - CyberSecurity.

Key Skills: Advisory, Project Management, Fintech, Strategy with Cross-Domain Technologies Cloud/AI /ML/CyberSecurity - mentoring

- + Director at Aysdev Global Consultancy llp (AGC) and Unipolar Technologies
- + Mentor for BITS Pilani - MBA FinTech for working professionals.
- + Industry Expert - Faculty Development Programs, Consulting Banks- PNB, OBC, Indian Navy, MindTree, Zell, Capgemini, Edutech and University on Project Management, Fintech DataScience, A.I., Blockchain, CloudComputing.
- + Microsoft program (Founders Hub)
- + Advisor to Director at Samiep - Industrial Automation - International Awards and Patents
- + Advisor at 3.0 University (Associated with India Blockchain Alliance).
- + KeyNote Speaker at forums On Strategy with Technology & Projects - MentorMyBoard, IFERP (ICRTMDR-22), BNI(Navi Mumbai), 91SpringBoard.
- + Researcher @SSBM, Geneva

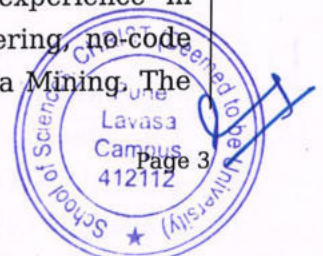
Case Study:

1. Advisor to Samiep - Industrial Automation [Role: Advisory & Technology-ROI]
2. Project Management for Directors [My Role : Advising the best PMO software for Directors]
3. SAGEIT, Mentor for Cloud Computing - Training Azure and AWS Cloud Computing to Corporates.
4. DataScience with Blockchain [Evanglist for Team Upgrad]
5. Project Mangement for Public Sector Banks and Faculty Development Programs

EVENT SUMMARY

Event Report

The Faculty Development Programme (FDP) on "Agentic AI & Data Analytics for Academicians" was successfully organized by the Centre for Artificial Intelligence (CAI) in collaboration with the Department of Computer Science and the Department of Statistics & Data Science, School of Sciences, CHRIST (Deemed to be University), Pune Lavasa Campus, from 27 July to 01 August 2026. The programme was designed to empower faculty members with practical knowledge and hands-on experience in Artificial Intelligence, Large Language Models (LLMs), prompt engineering, no-code application development, AI ethics, and data analytics using Orange Data Mining. The



programme objectives, schedule, and learning outcomes were aligned with the event proposal.

The FDP was conducted by Mr. Kunal Pagariya, Software Technical Expert at Amdocs India Pvt. Ltd., and Mr. Amit Ashokan, Director-Managing Partner, Aysdev Global Consultancy LLP, who shared their industry expertise, practical insights, and contemporary perspectives on emerging AI technologies and their applications in higher education.

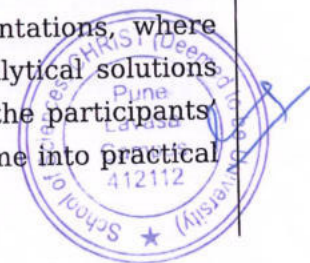
The programme adopted a highly interactive and practice-oriented approach. Each session combined conceptual discussions, live demonstrations, hands-on activities, and project-based learning, enabling participants to immediately apply the concepts learned. Faculty members actively explored the capabilities of Generative AI and LLMs, developed customized prompts, created AI-powered applications without coding, designed analytical dashboards, examined responsible and ethical AI practices, and constructed machine learning workflows using Orange Data Mining.

A major highlight of the programme was its emphasis on addressing real academic and administrative challenges through AI and data analytics. Participants developed practical AI-supported solutions for lesson planning, teaching-learning activities, assessment and question-paper creation, quiz and worksheet generation, student performance analysis, academic dashboards, conversational chatbots, and educational data analytics. The FDP also introduced participants to the use of AI for research support, including literature exploration, research-question refinement, information synthesis, data interpretation, and academic writing support, with emphasis on critical verification and responsible use of AI-generated information.

The programme also provided hands-on exposure to no-code and low-code academic automation. Participants created interactive academic and administrative dashboards using Excel and CSV datasets, enabling them to visualize student progress, analyse academic information, and improve routine administrative workflows. Through Orange Data Mining, participants further gained practical experience in data preprocessing, visualization, pattern identification, and predictive modelling.

The FDP placed significant emphasis on Responsible AI and ethical adoption. Faculty members engaged with real-world scenarios involving algorithmic bias, transparency, data privacy, reliability of AI-generated information, accountability, and human oversight. These discussions helped participants understand the importance of using AI as an enabling technology while retaining academic judgement, ethical responsibility, and human oversight.

The final day featured individual and group capstone project presentations, where participants demonstrated AI-based applications, dashboards, and analytical solutions developed during the FDP. These presentations provided evidence of the participants' ability to translate the concepts and tools covered during the programme into practical academic applications.



SDG Alignment

The FDP directly contributed to the United Nations Sustainable Development Goals (SDGs) by strengthening faculty capacity in emerging technologies, promoting responsible digital transformation, and supporting innovation in higher education. The programme's alignment with SDG 4, SDG 8, SDG 9, and SDG 16 is outlined below:

SDG 4 - Quality Education: The FDP directly supported quality education by equipping faculty members with modern AI and data analytics competencies that can enhance lesson planning, teaching-learning activities, personalized learning resources, assessment creation, student feedback, and learning analytics. The use of Generative AI and data-driven approaches enables faculty to develop more engaging, technology-enabled, and outcome-oriented educational practices.

SDG 8 - Decent Work and Economic Growth: By developing faculty members' capabilities in AI, LLMs, prompt engineering, data analytics, automation, and no-code/low-code application development, the programme strengthened future-ready digital and professional skills. These competencies enhance employability, productivity, innovation, and the ability to adapt to emerging technology-driven work environments. The focus on academic automation also demonstrated how AI can improve efficiency and reduce repetitive administrative workloads.

SDG 9 - Industry, Innovation and Infrastructure: The FDP promoted innovation through the practical application of Agentic AI, Generative AI, LLMs, no-code application development, dashboards, machine learning, and data analytics. The involvement of industry experts ensured exposure to current industry practices and emerging technologies. Participants developed functional AI applications and analytical dashboards, demonstrating how digital tools can support innovation and strengthen technology-enabled academic infrastructure.

SDG 16 - Peace, Justice and Strong Institutions: The programme contributed to responsible and accountable institutions by emphasizing Responsible AI, transparency, data privacy, algorithmic bias, ethical decision-making, accountability, and human oversight. By sensitizing faculty to the ethical and responsible use of AI, the FDP promoted trustworthy technology adoption and strengthened institutional practices for responsible digital transformation.

Thus, the FDP went beyond technology awareness by connecting AI literacy, quality education, professional skill development, innovation, institutional efficiency, and responsible technology governance with broader sustainable development priorities.

Overall, the FDP successfully achieved its objectives of promoting AI literacy among faculty members, strengthening digital teaching practices, encouraging responsible AI adoption, enhancing data-driven decision-making, and equipping educators with modern technological skills for future-ready higher education. The programme received enthusiastic participation and positive feedback from attendees, who appreciated its practical orientation, industry relevance, hands-on methodology, and immediate



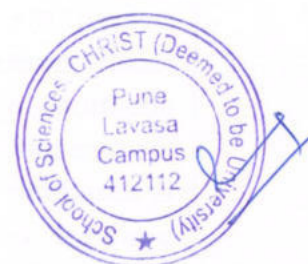
applicability to teaching, assessment, academic administration, and research. The programme therefore served as a meaningful capacity-building initiative that aligned institutional academic development with emerging technological trends and the broader objectives of sustainable and responsible digital transformation.

DETAILED SUMMARY

ACTIVITY-WISE SUMMARY

Activity 1: Day 1: Introduction to LLM

Date & Time	27 July 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	The inaugural day introduced participants to the rapidly evolving field of Generative Artificial Intelligence and Large Language Models (LLMs). The session began with an overview of AI advancements and the growing role of LLMs in transforming higher education. Participants explored various AI platforms, including ChatGPT and Google AI Studio, and compared their capabilities, strengths, and educational applications. Mr. Kunal Pagariya explained the architecture and working principles of LLMs in a simplified manner, helping participants understand concepts such as tokenization, transformer models, and natural language generation. A major focus of the day was Prompt Engineering, where participants learned different prompting techniques. The afternoon session was entirely hands-on, where faculty members designed their first AI-powered no-code application using prompt engineering techniques. Participants gained confidence in interacting effectively with AI systems and discovered how AI can support teaching, content creation, and academic administration.

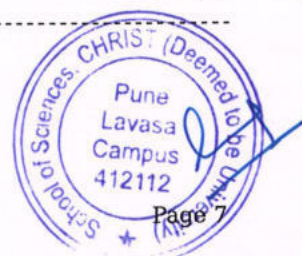


Activity 2: Day 2: Prompts to Product

Date & Time	28 July 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	The second day focused on converting AI prompts into functional applications. Participants learned how to design dynamic AI-powered solutions without requiring programming knowledge. The session demonstrated how Generative AI could automate routine academic activities and improve institutional productivity. Faculty members developed AI applications for analysing student academic performance using Excel and CSV datasets. Mr. Kunal Pagariya demonstrated methods for building interactive dashboards capable of summarizing student progress, identifying learning gaps, and generating academic insights. Various faculty use cases were discussed, including automated question paper generation, attendance analysis, report generation, personalized feedback systems, and academic planning. Participants actively designed AI solutions relevant to their own departments and teaching responsibilities.

Activity 3: Day 3: AI Ethics and Build a Conversational Chatbot

Date & Time	29 July 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	The third day focused on the ethical dimensions of Artificial Intelligence and responsible AI implementation in education. The sessions covered important topics such as AI ethics, algorithmic bias, fairness, transparency, accountability, privacy, and the societal implications of AI technologies. Participants discussed real-world case studies highlighting ethical challenges associated with AI systems and explored strategies for ensuring responsible AI adoption within educational institutions. The second half of the day introduced conversational AI and chatbot development.

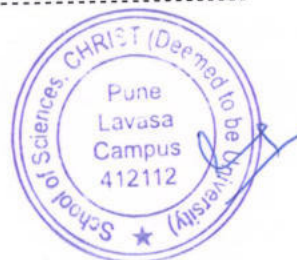


Activity 4: Day 4:Orange Data Mining: No-Code AI and Machine Learning for Educators

Date & Time	30 July 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	One the fourth day, Mr. Amit Ashokan introduced participants to Orange Data Mining, a visual programming platform for machine learning and data analytics. The session emphasized making AI and machine learning accessible to educators without requiring programming expertise. Participants learned to install and navigate the Orange environment, import datasets, clean and preprocess data, and build visual workflows using drag-and-drop components. Practical demonstrations illustrated how to perform exploratory data analysis using interactive visualizations.

Activity 5: Day 5:Orange Data Mining: No-Code AI and Machine Learning for Educators

Date & Time	31 July 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	Building upon the previous day's learning, Day Five focused on advanced analytical techniques using Orange Data Mining. Participants explored feature selection methods, dimensionality reduction techniques, and complete end-to-end no-code AI workflows. Mr. Amit Ashokan demonstrated how Orange could be integrated into classroom teaching, student laboratory exercises, research projects, and institutional decision-making processes. Participants developed educational data analysis workflows and explored practical examples related to student performance, predictive analytics, and visual decision support.



Activity 6: Day 6 : Project

Date & Time	01 August 2026 , 09:30 AM - 04:30 PM (7h 0m)
Venue	Smart Room
Description	The concluding day of the Faculty Development Programme was dedicated to capstone project implementation and evaluative presentations. Faculty members synthesized the cumulative competencies acquired across the intensive sessions, working both individually and collaboratively in groups to engineer functional AI-driven solutions tailored to academic and administrative challenges. Participants demonstrated practical implementations that successfully operationalized the key domains explored throughout the training: • Large Language Models (LLMs) and Advanced Prompt Engineering • No-Code AI Application Development for Academic Automation • Responsible Use of AI, Algorithmic Transparency, and Governance • Orange Data Mining for Visual Workflow Construction • No-Code Machine Learning and Predictive Modelling • Educational Data Analytics and Institutional Decision Support During the presentation sessions, participants exhibited functional academic dashboards, automated evaluation mechanisms, and predictive student-performance workflows developed using Excel, CSV datasets, and Orange Data Mining. The activity culminated in the formal compilation of Orange Tool analytical assessment reports, demonstrating faculty proficiency in deploying Agentic AI across teaching, research, and governance workflows.

KEY HIGHLIGHTS & ACHIEVEMENTS

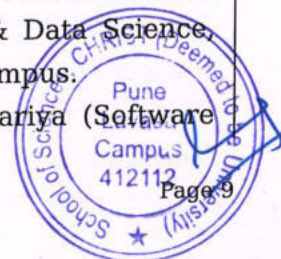
Key Highlights

Successfully organized a Six-Day Faculty Development Programme on "Agentic AI & Data Analytics for Academicians" from 27 July to 01 August 2026.

Organized jointly by the Centre for Artificial Intelligence (CAI) in collaboration with the Department of Computer Science and the Department of Statistics & Data Science,

School of Sciences, CHRIST (Deemed to be University), Pune Lavasa Campus.

Sessions were delivered by eminent industry experts Mr. Kunal Pagariya (Software



Technical Expert, Amdocs India Pvt. Ltd.) and Mr. Amit Ashokan (Director-Managing Partner, Aysdev Global Consultancy LLP).

Covered contemporary AI topics including:

Large Language Models (LLMs)

Prompt Engineering

AI Application Development (No-Code)

Responsible and Ethical AI

Conversational Chatbots

Orange Data Mining

No-Code Machine Learning

Educational Data Analytics

Emphasized hands-on, project-based learning with live demonstrations and practical exercises throughout the programme.

Faculty members designed AI-powered applications for academic and administrative use cases, including student performance analysis, automated content generation, dashboards, and chatbots.

Introduced participants to Orange Data Mining, enabling them to build machine learning models and visual analytics workflows without programming.

Concluded with a Capstone Project Presentation, where participants showcased AI-enabled solutions addressing real educational challenges.

Fostered interdisciplinary collaboration and encouraged the responsible integration of Artificial Intelligence into teaching, learning, assessment, research, and institutional administration.

Key Achievements

Successfully trained faculty members in the practical application of Generative AI and Large Language Models for higher education.

Enhanced participants' competencies in prompt engineering, enabling them to effectively utilize AI tools for teaching, research, and academic productivity.

Enabled faculty to develop AI-powered no-code applications capable of automating routine academic and administrative tasks.

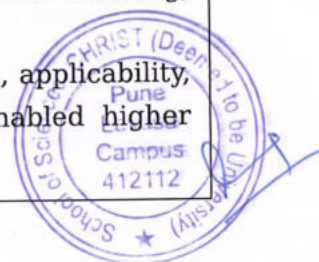
Strengthened awareness of Responsible AI by promoting ethical principles such as fairness, transparency, privacy, accountability, and human oversight.

Equipped participants with practical knowledge of Orange Data Mining for exploratory data

analysis, machine learning, and educational analytics.

Encouraged faculty members to integrate AI technologies into classroom teaching, student assessment, curriculum design, and research activities

Received positive engagement from participants, reflecting the relevance, applicability, and effectiveness of the programme in preparing educators for AI-enabled higher education.



OUTCOMES OF THE EVENT

ACHIEVEMENTS / OUTCOMES

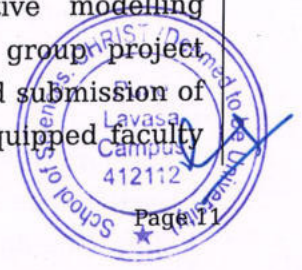
Achieved Outcomes

The Faculty Development Programme on Agentic AI and Data Analytics for Academicians successfully translated its intended objectives into demonstrable and practice-oriented outcomes. The programme specifically enabled faculty members to integrate Generative AI, Large Language Models (LLMs), and Agentic AI tools into teaching, learning, assessment, and research. Under the guidance of industry experts Mr. Kunal Pagariya and Mr. Amith Ashokan, participants developed customized prompts and applied AI tools such as ChatGPT and Google AI Studio to design lesson plans, course content, classroom learning activities, discussion questions, case studies, worksheets, quizzes, rubrics, question papers, and assessment materials aligned with specific learning outcomes. Faculty also explored AI-supported approaches for differentiating learning resources, generating student engagement activities, providing feedback, and developing formative and summative assessments. For research support, participants used AI tools for literature exploration, research-question refinement, data interpretation, academic writing support, summarization, and structuring research outputs, while also discussing the importance of critically validating AI-generated information.

In alignment with the objective of developing no-code and low-code applications for academic automation, the programme achieved the tangible deliverable of producing two interactive dashboards per faculty member. Participants constructed an Academic Dashboard for monitoring student progress and performance and an Administrative Dashboard for improving routine academic workflows, using Excel and CSV datasets. These hands-on outputs provided practical evidence of participants' ability to apply data-driven tools to real academic and administrative requirements.

The programme also fulfilled its objective of fostering Responsible AI practices. Faculty critically examined real-world cases related to algorithmic bias, transparency, data privacy, ethical use of AI, reliability of AI-generated content, and human oversight** through interactive discussions and Q&A sessions. This strengthened participants' understanding that AI should complement, rather than replace, professional academic judgement.

Finally, the objective of applying visual data analytics and predictive techniques was achieved through extensive practical sessions using Orange Data Mining. Participants performed data preprocessing, constructed visual analytical workflows, explored patterns and relationships within datasets, and applied predictive modelling techniques. The learning was consolidated through individual and group project presentations on the final day, along with the successful preparation and submission of an Orange Tool assessment report to the Director. Overall, the FDP equipped faculty



with practical, transferable competencies to employ Agentic AI and Data Analytics meaningfully across lesson planning, teaching-learning activities, assessment design, academic automation, student monitoring, and research, thereby demonstrating direct alignment between the stated expected outcomes and the achieved outcomes.

GOAL ACHIEVEMENT

The Faculty Development Programme successfully fulfilled all three of its stated objectives through structured technical modules and practical workshops led by resource persons Mr. Kunal Pagariya (AMDOCS) and Mr. Amith Ashokan (Aysdev Global Consultancy LLP).

Regarding the first objective of equipping faculty with Generative AI and Large Language Model (LLM) integration skills, Days 1 and 2 directly addressed this through hands-on sessions utilizing ChatGPT and Google AI Studio. Participants mastered prompt engineering techniques and applied them to course content creation and academic planning, fully achieving the objective.

The second objective—enabling participants to design no-code/low-code applications to automate routine academic and administrative tasks—was comprehensively met during Days 2, 4, 5, and 6. Faculty engineered automated solutions for question paper generation and student attendance analysis, and built machine learning workflows using Orange Data Mining. This objective achieved complete success, as evidenced by participants producing two functional dashboards (Academic and Admin) and submitting analytical project reports.

The third objective, promoting responsible and ethical AI adoption, was successfully realized on Day 3. Participants engaged in critical case study analyses concerning algorithmic bias, data privacy, fairness, and transparency, successfully embedding human oversight principles into their final conversational AI and predictive analytics projects.

KEY TAKEAWAYS

Participants acquired concrete capabilities in integrating Generative AI and Large Language Models (LLMs) into academic workflows. Hands-on exercises utilizing platforms such as Google AI Studio and ChatGPT enabled faculty members to master prompt engineering techniques, fundamental transformer architecture principles, and tokenization concepts. This enabled them to transition from passive technology users to creators of customized, no-code educational applications.

Through practical sessions led by industry experts Kunal Pagariya and Amith Ashokan, participants learned to execute data analytics and visual programming using Orange Data Mining. Faculty developed end-to-end drag-and-drop workflows for exploratory data analysis, feature selection, and predictive modeling using CSV datasets.

Furthermore, attendees gained practical mastery in building dual interactive dashboards—focused on academic tracking and administrative tasks—to automate routine evaluations, question paper generation, and student performance analysis.

The programme provided critical insights into Responsible AI frameworks, equipping participants to address algorithmic bias, privacy concerns, and human oversight in higher education. Faculty members carried forward actionable competencies to implement ethical conversational chatbots and deploy data-driven decision support tools directly within their institutional departments.

ANALYSIS

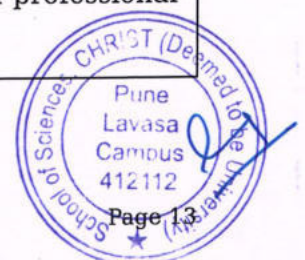
IMPACT ON STAKEHOLDERS

Participating Faculty Members: The participating academic staff acquired practical competency in leveraging Large Language Models (LLMs), advanced prompt engineering, and visual data analytics within higher education workflows. Through hands-on engagement with platforms such as ChatGPT, Google AI Studio, and Orange Data Mining under the guidance of industry experts, participants built administrative and academic dashboards, automated routine assessment tasks, and mastered responsible AI practices to improve classroom delivery and educational management.

Organizing Unit (Department of Computer Science): The Department of Computer Science established its role as a key contributor to institutional digital transformation and faculty upskilling. Hosting this six-day FDP enabled the department to foster interdisciplinary collaboration, integrate cutting-edge data science methodologies into academic administration, and generate tangible evidence of pedagogical innovation through Orange Tool assessment reports submitted to University leadership.

Institution (CHRIST University): The programme directly strengthened CHRIST (Deemed to be University)'s alignment with NAAC criteria concerning faculty development, technological modernization, and ethical governance. By embedding AI-driven efficiency into administrative processes and academic planning, the university advanced its commitment to high-impact outcome-based education and institutional productivity.

External Community and Industry Linkage: The collaboration with external resource persons Kunal Pagariya from AMDOCS and Amith Ashokan from Aysdev Global Consultancy LLP reinforced vital industry-academia synergy. This connection ensured that academic practices were calibrated against real-world AI deployment standards, establishing a sustainable framework for ongoing technology transfer and professional collaboration.

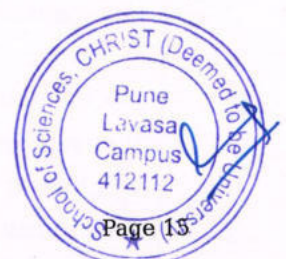


INNOVATIONS/BEST PRACTICES

1. Hands-On No-Code Workflow Design: Utilizing accessible platforms like Orange Data Mining and Google AI Studio eliminated programming barriers for faculty. This pedagogical approach directly enabled attendees to construct functional academic and administrative analytical dashboards.
2. Integrated Ethical Case-Study Analysis: Embedding real-world case discussions regarding algorithmic bias and data privacy into technical sessions ensured responsible implementation. Consequently, participants embedded mandatory human oversight and fairness principles into their predictive analytics models.
3. Industry-Guided Progressive Capstone Project: Structuring sequential modules facilitated by industry experts Mr. Kunal Pagariya and Mr. Amith Ashokan culminated in a final-day project presentation. This enabled faculty to deploy automated department-specific tools for attendance analysis and question paper generation.



RELEVANCE OF THE EVENT



VISION / MISSION / PO/PSO MAPPING

The Faculty Development Programme on Agentic AI and Data Analytics for Academicians, organized by the Department of Computer Science, directly reflected CHRIST (Deemed to be University)'s motto of 'Excellence and Service' and its core mission of holistic capacity building. The institutional value of Excellence was realized through rigorous technical training facilitated by industry experts Mr. Kunal Pagariya and Mr. Amith Ashokan, which elevated academic standards by upskilling faculty in Large Language Models, prompt engineering, and visual machine learning using Orange Data Mining. The commitment to Service was concrete in the development of automated Academic and Administrative Dashboards, designed specifically to streamline administrative overhead and optimize student tracking workflows. The value of Faith was manifested through critical reflections on AI ethics, algorithmic bias, and human oversight, reinforcing moral responsibility and truth in technological adoption. Finally, the principle of Community was actively cultivated through peer-led group project implementations, encouraging interdisciplinary collaboration and shared intellectual growth. By synthesizing high-level digital competency with ethical governance, the programme meaningfully advanced the University's mission of fostering holistic educators dedicated to institutional and societal betterment.

The Faculty Development Programme successfully mapped its practical and pedagogical outcomes to the program outcomes of the Department of Computer Science:

PO1: Modern Tool Usage (Technology Integration) - Practical workshops led by resource persons Mr. Kunal Pagariya and Mr. Amith Ashokan trained faculty to apply cutting-edge tools, including ChatGPT, Google AI Studio, and Orange Data Mining, to solve routine academic challenges. Participants achieved a demonstrated level of attainment by constructing customized prompt engineering workflows and functional no-code applications.

PO2: Professional Ethics (Responsible Computing) - Dedicated Day 3 sessions engaged faculty in critical evaluations of real-world case studies involving algorithmic bias, data privacy, transparency, and human oversight in educational technologies. This activity resulted in a reinforced level of attainment regarding responsible AI adoption and governance.

PSO1: Advanced Data Analytics and Application Development - Days 4 through 6 focused on data preprocessing, feature selection, and predictive modeling. Participants attained a demonstrated level by engineering Academic and Administrative Dashboards for student performance tracking, delivering final project presentations, and submitting a formal Orange Tool assessment report.

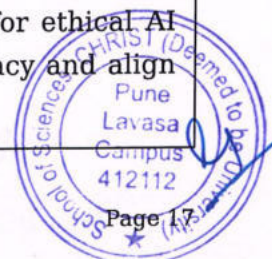
LOCAL / GLOBAL NEEDS / GRADUATE ATTRIBUTES

The Faculty Development Programme on Agentic AI and Data Analytics for Academicians systematically cultivated CHRIST (Deemed to be University) Graduate Attributes through structured technical and analytical sessions:

- **Technological Competence:** Developed during hands-on workshops led by resource persons Mr. Kunal Pagariya and Mr. Amith Ashokan on Days 1, 2, 4, and 5. Faculty demonstrated competency by building custom prompt-engineered applications using ChatGPT and Google AI Studio, alongside drag-and-drop visual machine learning workflows in Orange Data Mining.
- **Ethical Reasoning:** Cultivated through the Day 3 dedicated AI ethics module. Observable evidence included participants critically analyzing case studies on algorithmic bias, transparency, and data privacy, subsequently embedding explicit human-oversight protocols into their conversational AI models.
- **Critical Thinking and Problem Solving:** Enhanced during dashboard engineering and workflow automation sessions on Days 2 and 6. Participants evidenced this by constructing dual Academic and Administrative Dashboards from CSV datasets to evaluate student progress and streamline departmental operations.
- **Lifelong Learning and Professional Expertise:** Fostered across the six-day event as faculty adapted to emerging AI technologies. Competence was recorded through final capstone project presentations and completed Orange Tool assessment reports submitted to the Director.

CONTEMPORARY REQUIREMENTS

The rapid global transition toward AI-driven automation and data-informed decision-making in higher education necessitated that academicians urgently bridge emerging digital skill gaps. The Faculty Development Programme on Agentic AI and Data Analytics for Academicians directly responded to these contemporary requirements by equipping educators with practical capabilities in Generative AI, Large Language Models (LLMs), and visual data analytics. Guided by industry experts Kunal Pagariya (AMDOCS) and Amith Ashokan (Aysdev Global Consultancy LLP), participants addressed the growing institutional demand for workflow efficiency by constructing interactive dashboards and implementing prompt engineering techniques across ChatGPT and Google AI Studio. Additionally, the hands-on training in Orange Data Mining aligned with the tech industry's shift toward no-code machine learning, enabling faculty to perform predictive modeling and educational data analysis without complex programming. Crucially, by evaluating case studies on algorithmic bias, data privacy, and transparency, the programme fulfilled the imperative need for ethical AI governance in academia, directly empowering faculty to promote AI literacy and align academic delivery with current workforce standards.



VALUE SYSTEMS / GENDER / ENVIRONMENT

The Faculty Development Programme on Agentic AI and Data Analytics for Academicians directly advanced SDG 4: Quality Education by significantly enhancing the technological and pedagogical competencies of academic staff. Hands-on workshops led by Mr. Kunal Pagariya and Mr. Amith Ashokan equipped participants with prompt engineering and AI-driven content generation techniques using ChatGPT and Google AI Studio, directly fulfilling National Education Policy (NEP) 2020 imperatives for integrated digital pedagogy. The programme also aligned with SDG 9: Industry, Innovation, and Infrastructure by promoting technological innovation through low-code/no-code application development. Faculty constructed interactive dashboards and executed predictive modeling using Orange Data Mining, fostering institutional digital maturity. Furthermore, the FDP strongly supported SDG 16: Peace, Justice, and Strong Institutions through its rigorous coverage of AI ethics, algorithmic bias, transparency, and data privacy. By emphasizing human oversight and responsible AI deployment in academic administration, the Department of Computer Science reinforced CHRIST (Deemed to be University)'s foundational core values of moral integrity, social responsibility, and ethical leadership in higher education.

SDGs

SDG 04: Quality Education, SDG 08: Decent Work and Economic Growth, SDG 09: Industry, Innovation and Infrastructure, SDG 16: Peace, Justice and Strong Institutions

SUGGESTIONS FOR IMPROVEMENT • FEEDBACK FROM IQAC

A very good initiative to enhance the use of AI in teaching and learning for the faculties, which also gave a industry perspective to the faculties
The team can plan for more such events for more advanced training for the faculties

Submitted By: Vandana Yadav

Submitted On: 11 September 2026 03:04 PM


Head/Coordinator


**Faculty Coordinator/
Organiser**


**Department IQAC
Coordinator**



POSTER

SCHOOL OF
SCIENCES
PUNE LAVASA CAMPUS



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE | DELHI NCR | PUNE

Center for AI in collaboration with School of Sciences
Department of Computer Science & Department of Statistics and Data Science
CHRIST (Deemed to be University) Pune Lavasa Campus

Faculty Development Programme on

AGENTIC AI & DATA ANALYTICS

For Academicians

DATES:

27 July - 1 August



VENUE:

Computer lab - Central Block



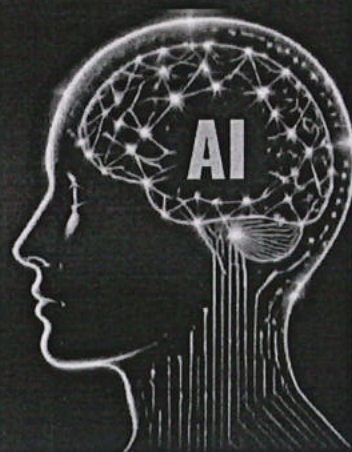
Mr. Kunal Pagariya

Software Technical Expert,
Amdocs India Pvt. Ltd.



Mr. Amit Ashokan

Director-Managing Partner,
Aysdev Global Consultancy

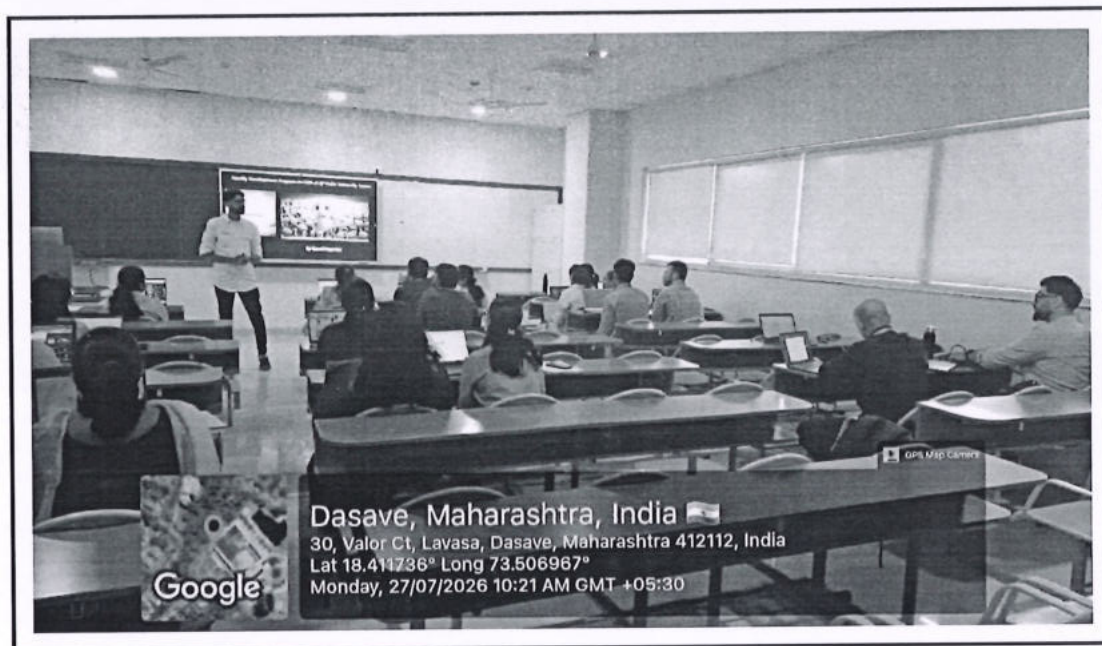
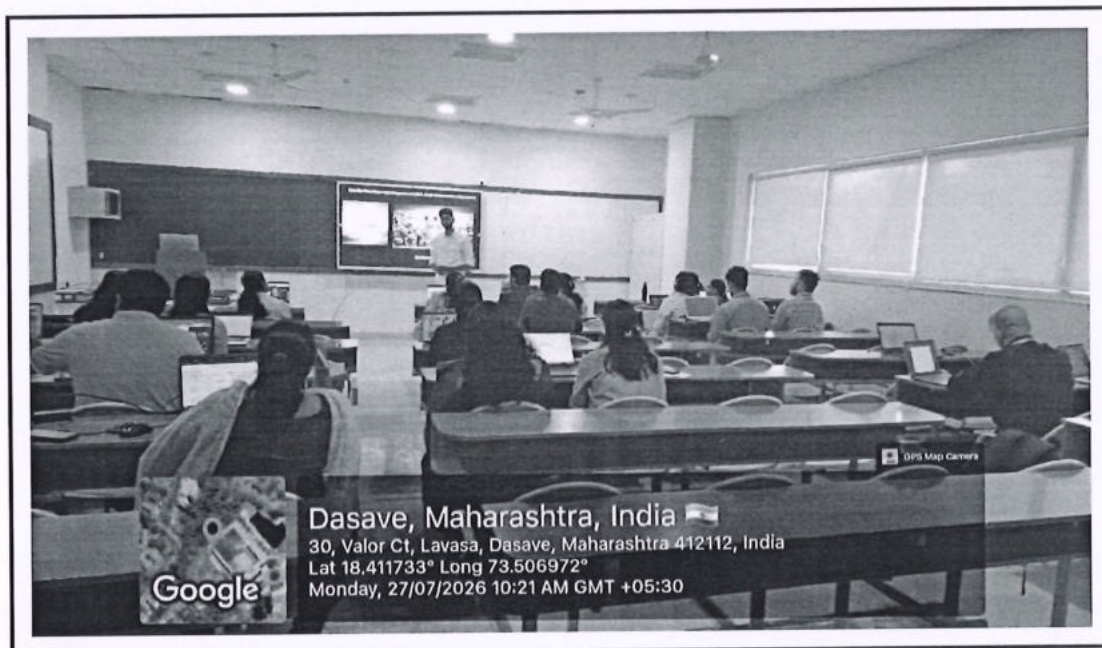


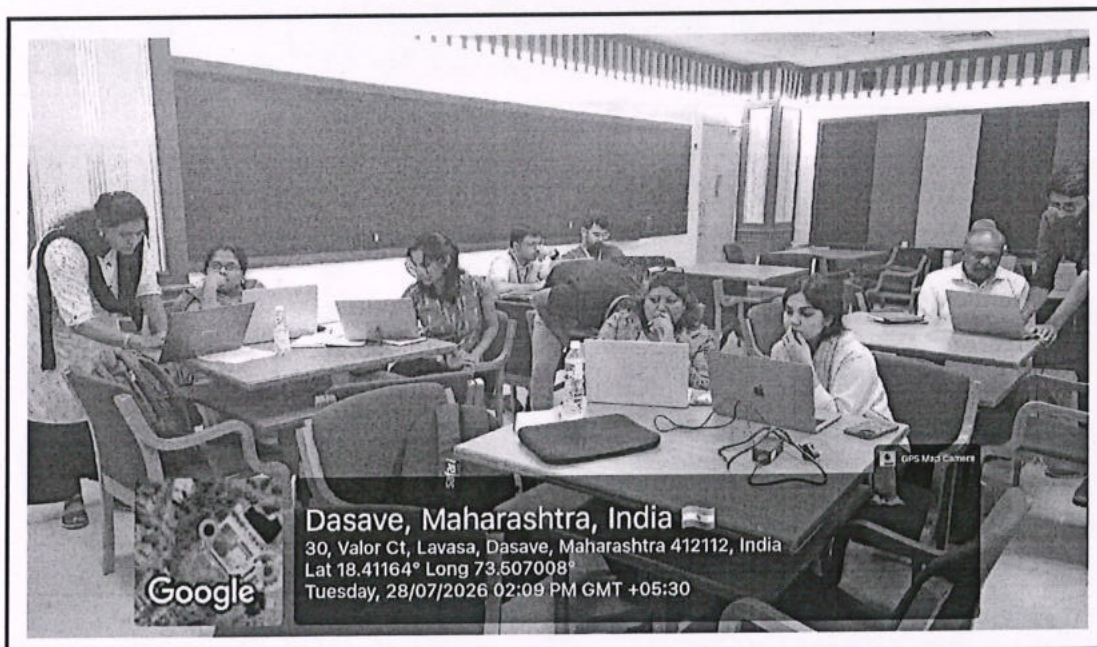
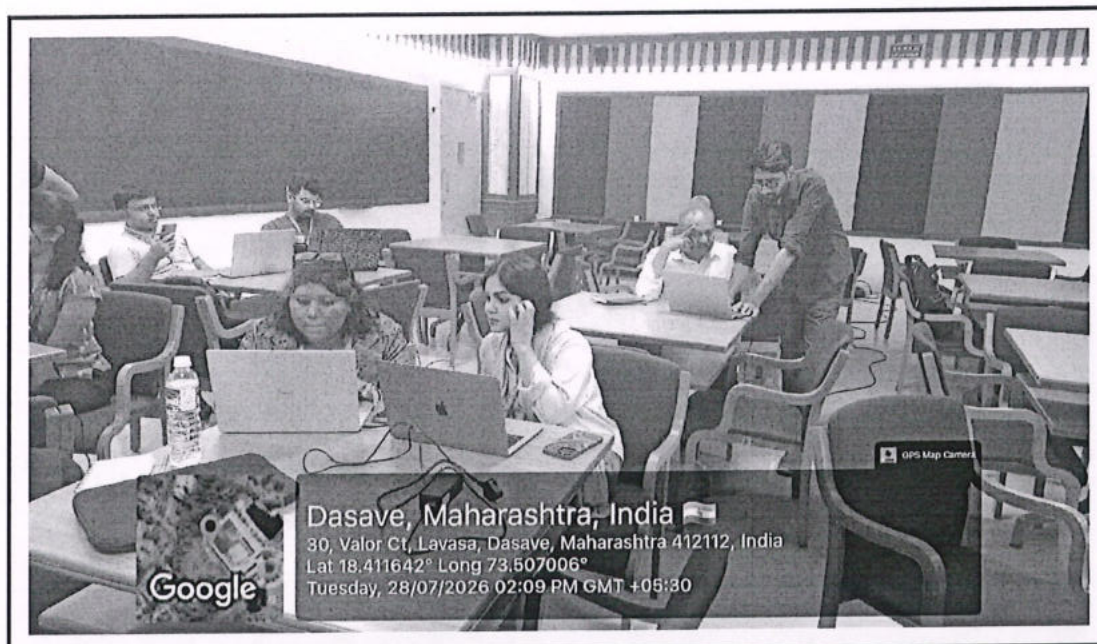
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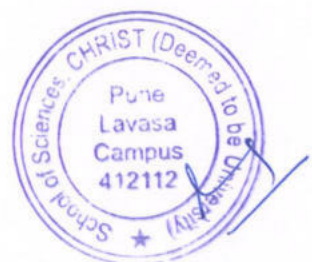
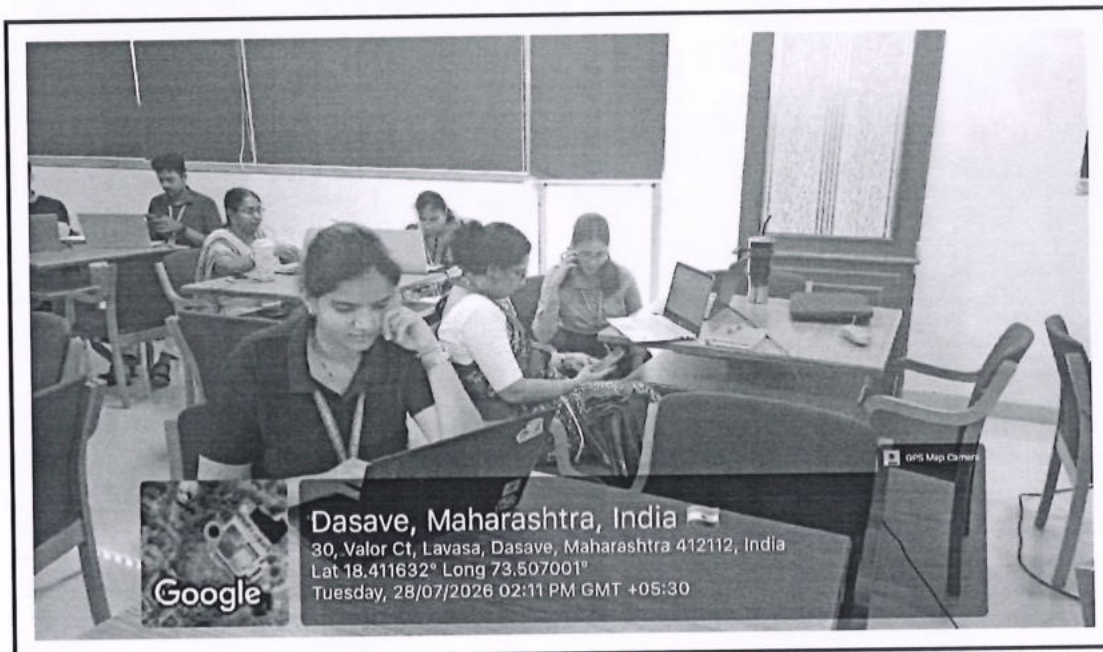
🌐 lavasa.christuniversity.in

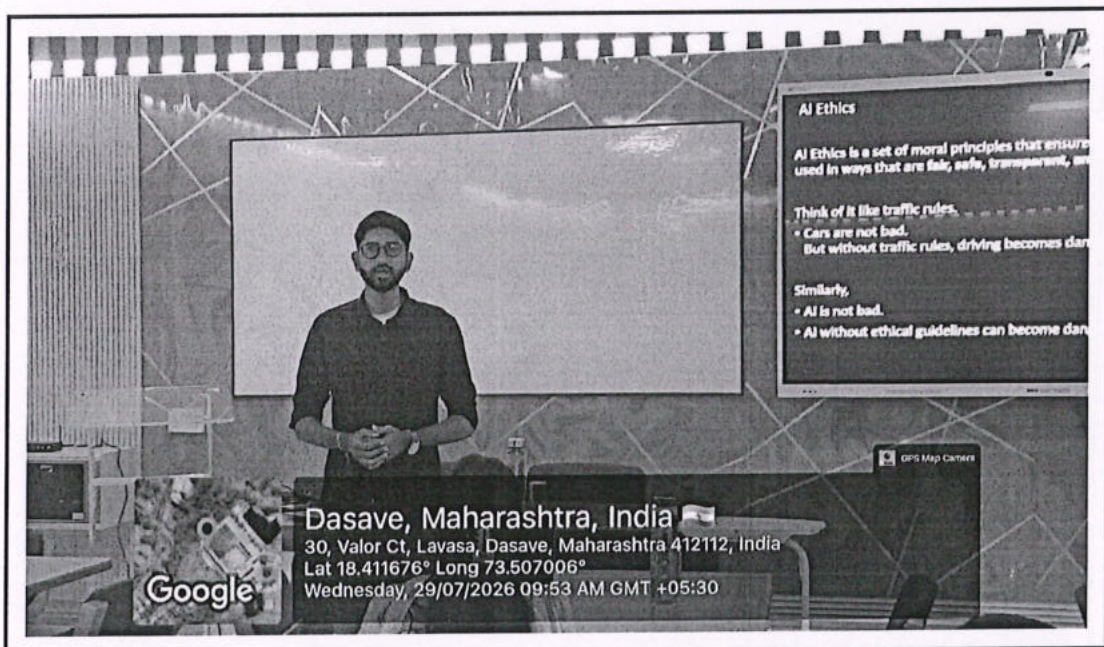
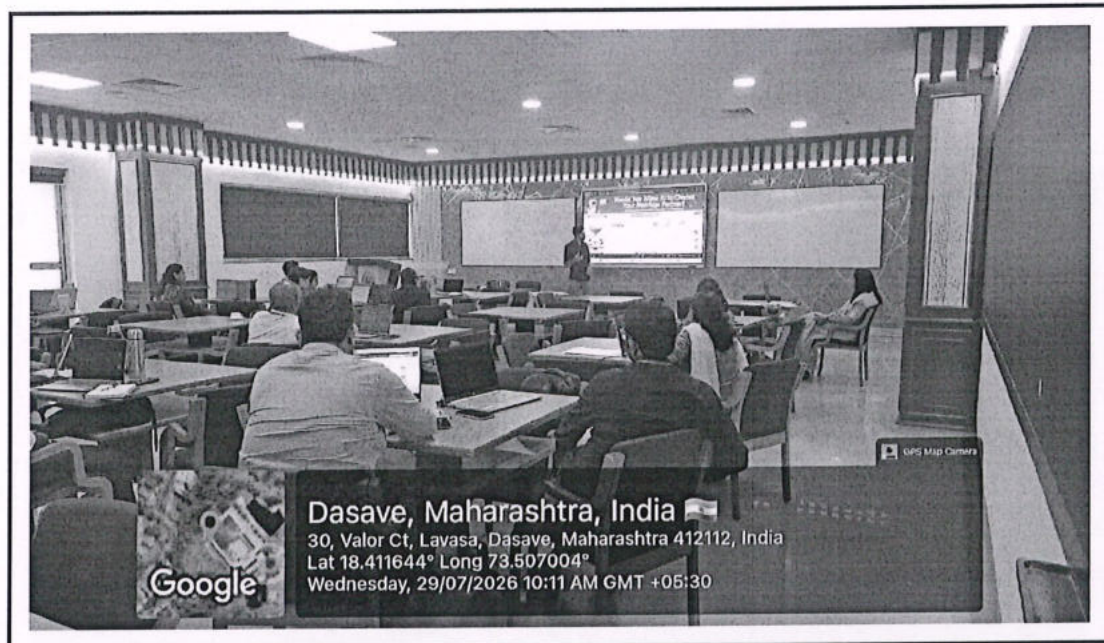


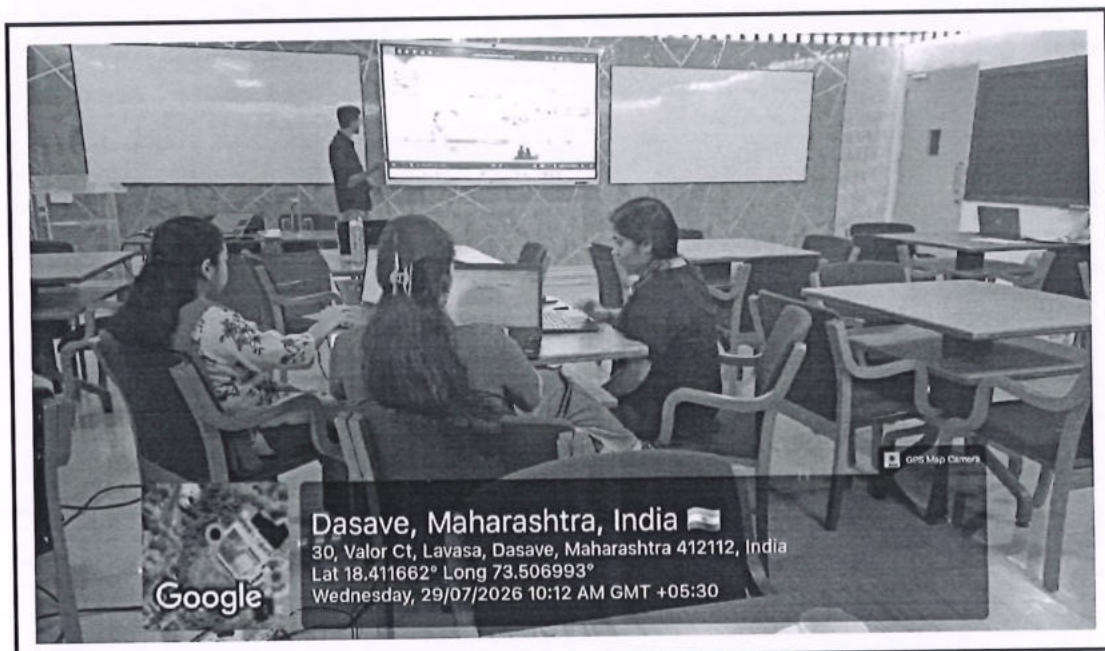
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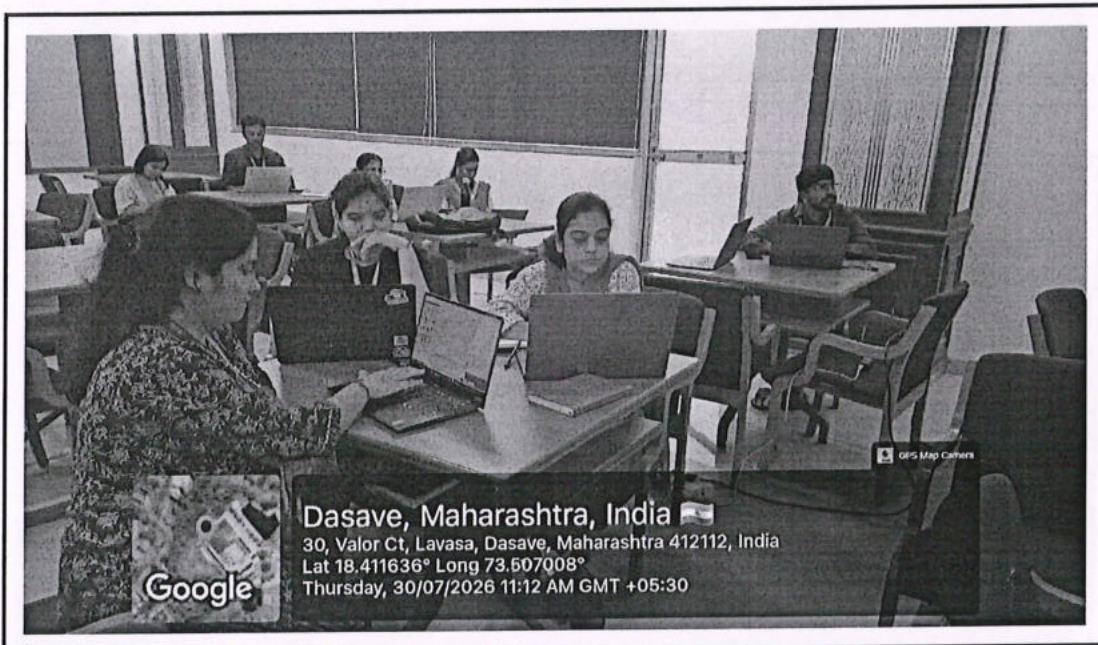




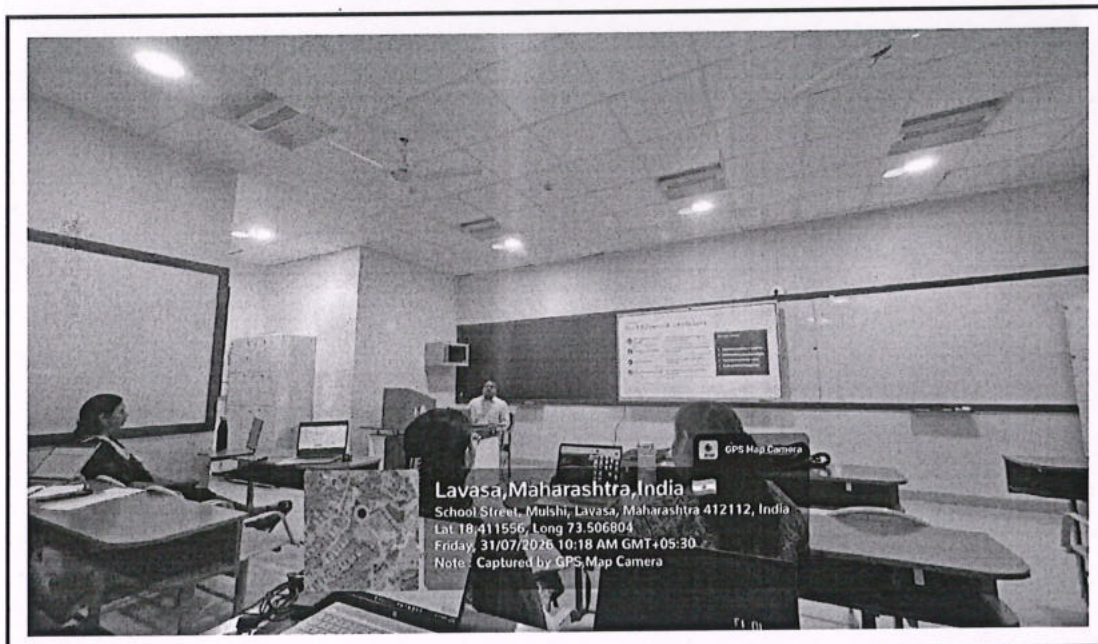
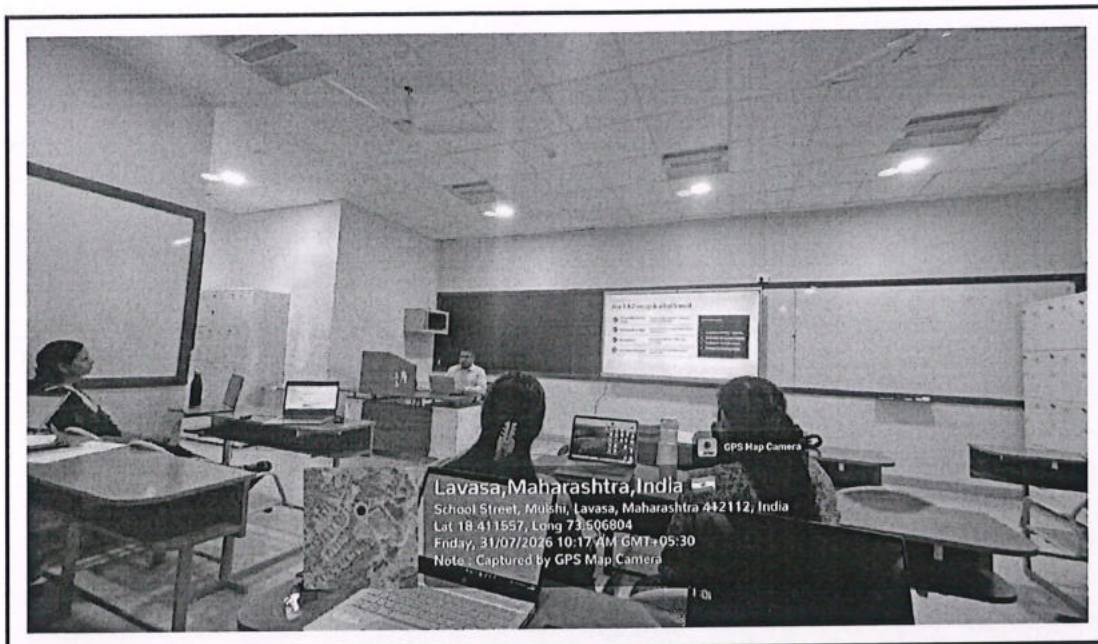


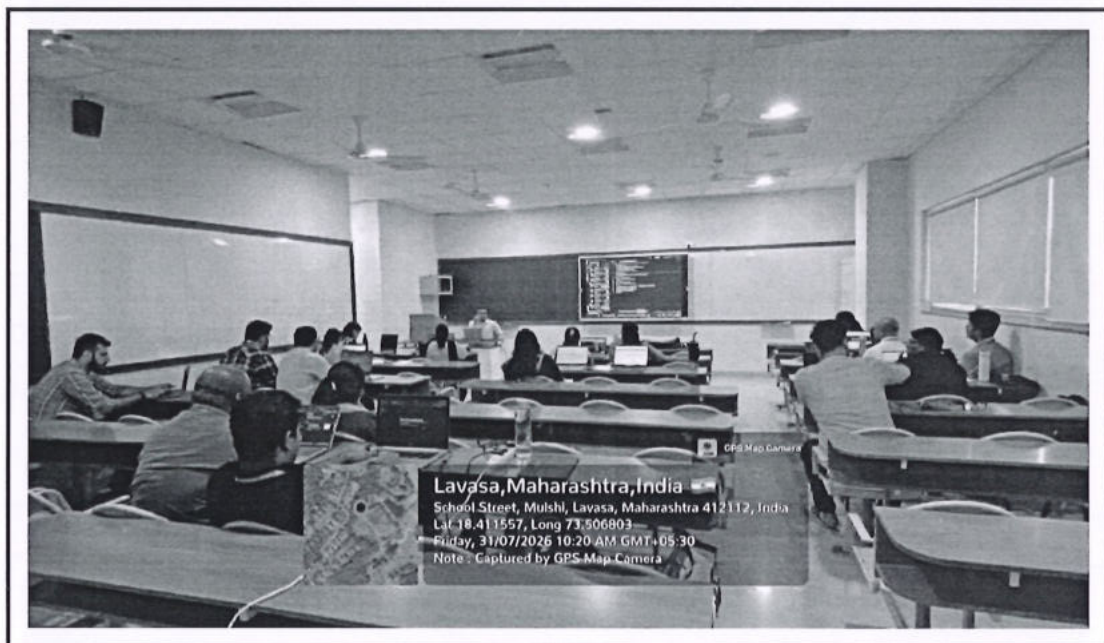












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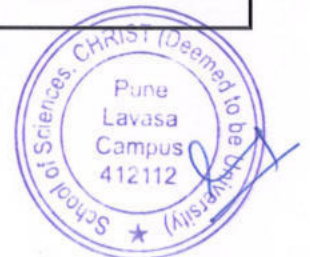
CHRIST (Deemed to be University), Pune Lavasa Campus						
School Of Sciences						
FDP- Agentic AI and Data Analytics for Academicians						
Department of Computer Science						
Date: 27th JULY 2026		Venue: 1116 Timing: 9:30 AM - 4:30 PM				
Sl. No	Emp ID	FACULTY NAME	Signature (S1)	Signature (S2)	Signature (S3)	Signature (S4)
1	20292	DR. LIJA JACOB				
2	20436	DR. LEKHA J				
3	20293	DR. GUNAVATHI R				
4	20273	MR THOMAS K T				
5	20553	DR. SAVITHRI M				
6	20315	DR. VIJAYALAKSHMI S				
7	20376	DR. ALWIN JOSEPH				
8	20735	DR. VANDANA YADAV				
9	20748	DR. ROHIT				
10	20633	MS. ANANYA MITRA				
11	20630	MS. MARGARET SALVE JOSEPH				
12	20721	DR. ALPHONSA GEORGE				
13	20528	Ms. Kayal Das				
14.		Justin P Varghese				



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4	20508	DR. AVICHAL SHARMA				
5	20593	DR. ASIF TARIQ				
6	20347	DR. LIBIN CHACKO SAMUEL	-ONLINE-	-online-	-online-	-online-
7	20468	DR. ASHAQ HUSSAIN GANIE				
8	20686	DR. PRATHU BAJPAI				
9	20746	DR. P DEVIKA				
10	20741	DR. RAMESH				
11	20636	MR. MILAN CHAKRABORTY				
12	20745	MS. FATHIMA RILFA				



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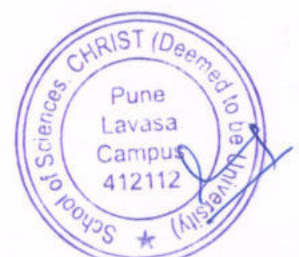
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13	20528	Ms Kajal Das				
14		Fr Justin				



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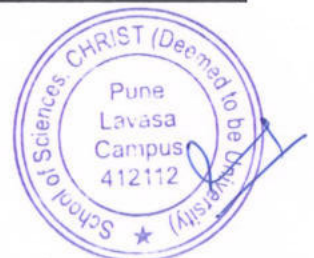
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14	20528	MS. KAJAL DASS				



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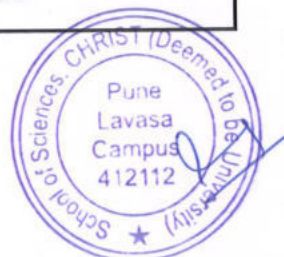
CHRIST (Deemed to be University), Pune Lavasa Campus						
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Date: 30th JULY 2026		Venue: Smart Room- central Block Timing: 9:30 AM - 4:30 PM				
Sl. No	Emp ID	FACULTY NAME	Signature (S1)	Signature (S2)	Signature (S3)	Signature (S4)
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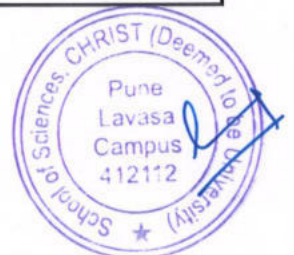
CHRIST (Deemed to be University), Pune Lavasa Campus						
School Of Sciences						
FDP- Agentic AI and Data Analytics for Academicians						
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Date: 31st JULY 2026		Venue: Smart Room- central Block Timing: 9:30 AM - 4:30 PM				
Sl. No	Emp ID	FACULTY NAME	Signature (S1)	Signature (S2)	Signature (S3)	Signature (S4)
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14	20528	MS. KAJAL DASS				



FEEDBACK SUMMARY



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