JSPM's

RAJARSHI SHAHU COMMERCE & SCIENCE COLLEGE

Wagholi, Pune.

(Approved by Govt. of Maharashtra, affiliated to Savitribai Phule Pune University)
Wagholi , Pune - 412308

Date: 16/06/2026

EVENT REPORT

1	Name of the Event	Faculty Development Programme (FDP) - 5 **Days Workshop on AI Driven Resource Development**
2	Day & Date of the Event	Thursday, 11th June 2026 to Monday, 15th June 2026
3	Time of the Event	08:30 AM to 4:30 PM
4	Venue of the Event	Rajarshi Shahu Commerce and Science College, Hadapsar, Pune

5 Description

(a) Introduction, Theme & Significance:

Introduction: A 5-Day Faculty Development Programme (FDP) titled **"AI Driven Resource Development"** was organized from **June 11 to June 15, 2026** (Thursday to Monday), from 08:30 AM to 4:30 PM daily. The programme was jointly organized by the Quality Assurance Cell (QAC) of Rajarshi Shahu Commerce and Science College, Wagholi, in collaboration with Jaywantrao Sawant Commerce and Science College, Hadapsar; Rajarshi Shahu Commerce and Science College, Uruli Devachi; and Chhatrapati Shivaji Arts, Commerce and Science College, Narhe. The FDP aimed at empowering faculty members with AI-driven tools and strategies to enhance teaching, learning, and academic resource development.

Theme: The central theme of the FDP was "Leveraging Artificial Intelligence for Academic Excellence". The programme focused on equipping faculty with both theoretical knowledge and practical skills in AI tools, pedagogical frameworks, and outcome-based education practices.

Significance: The FDP was highly significant in the context of rapidly evolving educational technology. It bridged the gap between traditional teaching methods and modern AI-powered approaches. Faculty were introduced to AI tools such as Claude AI, Perplexity AI, TeachBetter, and others, along with frameworks like Teaching Learning Plans (TLP), Course Outcomes (CO), Programme Outcomes (PO), and CO-PO mapping, thereby aligning academic practices with NEP 2020 guidelines.

(b) Conduction, Activity:

Day 1 – Thursday, 11th June 2026 (Inauguration & Theoretical Foundations):

The first day commenced with a formal **Inauguration Ceremony** at 08:30 AM. The programme began with lighting of the digital lamp, followed by Saraswati Vandana and a welcome. The Chief Guest for the inauguration was **Shri. Bhosale Sir**, a distinguished academician and AI enthusiast, who delivered an inspiring keynote address on the transformative potential of Artificial Intelligence in higher education.

Session 1: Theoretical Overview of AI in Academics

Shri. Bhosale Sir conducted an extensive session on how Artificial Intelligence is reshaping academic environments globally. Key topics covered included:

- Introduction to AI and its ecosystem – types of AI, generative AI, large language models (LLMs).
- Role of AI in higher education – automating administrative tasks, personalized learning, content creation, and assessment.
- Ethical use of AI in academics – academic integrity, plagiarism detection, and responsible AI usage.
- Case studies from Indian and international universities adopting AI-based solutions.
- Challenges and opportunities for faculty in integrating AI into daily academic routines.

Session 2: How to Create a Teaching Learning Plan (TLP) Using AI

The afternoon session focused on the theoretical framework for developing a **Teaching Learning Plan (TLP)** using AI assistance. Topics included:

- Understanding the components of an effective TLP – objectives, content, methodology, resources, assessment, and feedback.
- How AI tools can assist faculty in drafting unit-wise and topic-wise lesson plans aligned with syllabus and course outcomes.
- Using AI to align TLPs with Bloom's Taxonomy levels – Remember, Understand, Apply, Analyse, Evaluate, Create.
- Importance of integrating student-centric learning strategies in TLPs.
- Live demonstration by the resource person on generating a sample TLP using AI prompting techniques.

Session 3: Enhancing Quality of Learning Using AI

- Strategies to use AI for differentiated instruction – catering to varied learning styles and pace.
- AI-based formative assessment tools for real-time feedback and learning gap identification.
- Using AI to create engaging multimedia learning content – videos, infographics, interactive quizzes.
- AI-driven analytics to track student progress and learning outcomes.
- Enhancing classroom interaction through AI-powered Q&A systems and discussion boards.

The day concluded with an open Q&A and discussion session, where faculty members actively participated by sharing their challenges and expectations from the FDP.

Day 2 – Friday, 12th June 2026 (Practical Application of AI Tools):

The second day was entirely hands-on and practical, with faculty members working directly on laptops and devices. The day was designed to familiarize participants with leading AI tools used in education.

Session 1: Introduction to Claude AI – Anthropic's Conversational AI

Step-by-step hands-on guide:

- Step 1: Visit www.claude.ai and create a free account using an email ID.
- Step 2: Explore the chat interface and understand prompt engineering basics – how to frame clear, specific, and contextual prompts.
- Step 3: Use Claude AI to generate a lecture outline for a given topic (e.g., Introduction to Financial Markets).
- Step 4: Request Claude AI to draft a set of MCQs, short-answer questions, and case studies for a given unit.
- Step 5: Generate a summarized reading note from a provided passage – useful for creating study materials.
- Step 6: Create a TLP for a specific subject unit using structured prompts.
- Step 7: Experiment with follow-up queries, iterative refinement of outputs, and multi-turn conversations.

Session 2: TeachBetter AI – Smart Teaching Assistance Platform

- Step 1: Log in to TeachBetter.ai and explore its dashboard.
- Step 2: Use the lesson planning feature to auto-generate lesson plans by entering subject, grade/level, and topic.
- Step 3: Access TeachBetter's repository of pedagogical strategies and adapt them for your subject.
- Step 4: Explore the assessment generator – create rubrics, marking schemes, and formative assessments.
- Step 5: Generate differentiated instruction materials to address diverse student needs.
- Step 6: Use the reflection prompts feature to write teaching journals and self-evaluation forms.

Session 3: Perplexity AI – AI-Powered Academic Research Tool

- Step 1: Visit www.perplexity.ai and sign up for a free account.
- Step 2: Understand how Perplexity differs from standard search engines – it uses AI to synthesize information from multiple live web sources with citations.
- Step 3: Use Perplexity to search for recent research papers, government reports, and academic data relevant to your subject area.

- Step 4: Generate literature review summaries for research topics using focused queries.
- Step 5: Use the 'Focus' feature to filter search results – choose from Academic, YouTube, News, Reddit modes.
- Step 6: Compare AI-generated insights with traditional library searches to verify accuracy and depth.
- Step 7: Demonstrate how students can use Perplexity for project work, assignments, and seminar preparation.

Session 4: Other AI Tools Explored

- ChatGPT (OpenAI): Creating lecture notes, drafting emails, and generating creative academic content.
- Gamma.app: Creating AI-powered presentations and slide decks for classroom delivery.
- Canva AI: Designing visually engaging teaching aids and educational infographics.
- Grammarly AI: Checking and improving the quality of academic writing and communication.
- NotebookLM (Google): Summarizing research documents and books for faculty reference and student notes.

All participants were encouraged to practice these tools independently and document at least one use case specific to their subject by Day 3.

Day 3 – Saturday, 13th June 2026 (TLP, CO, PO, and CO-PO Mapping):

Day 3 was dedicated to understanding the outcome-based education (OBE) framework and its integration with AI tools. This was one of the most academically enriching days of the FDP.

Session 1: Teaching Learning Plan (TLP) – Design and Implementation

- Definition and purpose of TLP in Outcome-Based Education (OBE).
- Structure of a TLP: Unit objectives, lesson objectives, teaching methodology, learning activities, assessment strategies, and feedback mechanisms.
- Writing unit-wise TLPs aligned with the syllabus prescribed by Savitribai Phule Pune University (SPPU).
- Hands-on activity: Each faculty drafted a TLP for their subject using AI assistance (Claude AI / ChatGPT).
- Peer review session: Faculty exchanged TLPs for feedback and improvements.

Session 2: Course Outcomes (CO) – Writing and Alignment

- What are Course Outcomes (COs)? – Clear, measurable statements of what students are expected to achieve upon completing a course.
- Writing effective COs using Bloom's Taxonomy action verbs at appropriate cognitive levels (K1–K6).
- Examples of well-written COs across Commerce, Science, and Arts disciplines.

- How AI tools (Claude AI, ChatGPT) can assist faculty in drafting precise and measurable COs.
- Hands-on exercise: Participants wrote 5 COs for their respective subject using AI-generated drafts and refinement.

Session 3: Programme Outcomes (PO) and Programme Specific Outcomes (PSO)

- Understanding POs as broader graduate attributes that reflect the skills and competencies expected from students completing a programme.
- Standard POs as defined by NAAC and NBA: Critical Thinking, Communication Skills, Ethics, Environment Sustainability, etc.
- Programme Specific Outcomes (PSOs): Subject-specific competencies relevant to the programme (e.g., Accounting, Economics, Biology).
- Discussion: How COs cascade up to POs and PSOs in OBE curriculum design.

Session 4: CO-PO Mapping – Technique and Tools

- What is CO-PO Mapping? – A matrix that correlates each Course Outcome with the relevant Programme Outcomes.
- Scale of mapping: 1 (Low), 2 (Medium), 3 (High) correlation.
- Importance of CO-PO mapping in accreditation processes (NAAC, NBA, NIRF rankings).
- Step-by-step guide to creating a CO-PO mapping matrix using Excel and AI tools.
- Using AI to automate the generation of CO-PO mapping tables based on syllabus content and learning outcomes.
- Hands-on activity: Participants created CO-PO mapping matrices for their subjects with AI assistance.

By the end of Day 3, each faculty member had a complete set of COs, a TLP, and a CO-PO mapping matrix for at least one subject/unit.

Day 4 – Sunday, 14th June 2026 (AI for Research, Content Creation & Assessment):

Day 4 focused on advanced applications of AI in academic research, content creation, and student assessment, further expanding faculty capabilities.

Session 1: AI for Academic Research and Paper Writing

- Using Perplexity AI and Research Rabbit to discover recent research articles, journals, and citations in one's subject domain.
- Structuring a research paper using AI – Abstract, Introduction, Literature Review, Methodology, Findings, and Conclusion.
- Using AI to paraphrase, summarize, and improve academic writing while maintaining originality.
- Detecting AI-generated content using tools like Turnitin AI, ZeroGPT, and Copyleaks.

- Discussing ethical considerations in AI-assisted research – proper attribution, avoiding fabricated citations.
- Hands-on: Each participant used Claude AI to draft an abstract for a research topic of their choice.

Session 2: AI for Content Development – Study Materials, E-Notes and Question Banks

- Generating comprehensive chapter-wise e-notes using AI from textbook content or syllabi.
- Creating structured question banks: Fill in the blanks, True/False, MCQs (with answer keys), Short Answer, and Long Answer questions.
- Developing case studies and scenario-based questions using AI for higher-order thinking.
- Creating assignment topics, seminar topics, and mini-project guidelines using AI.
- Designing rubrics and evaluation criteria for projects and presentations using AI assistance.
- Practical: Participants generated a complete module's question bank using Claude AI.

Session 3: AI for Student Assessment and Feedback

- Using AI to design formative and summative assessments aligned with COs and Bloom's Taxonomy.
- Auto-grading tools and AI feedback systems for assignments – exploring platforms like Gradescope and EssayGrader.
- Creating personalized feedback templates for students using AI based on their performance patterns.
- Developing progress monitoring dashboards and AI-driven learning analytics.
- Discussion: Balancing AI-assisted evaluation with human judgement and academic integrity.

Session 4: Digital Classroom Tools Integration

- Integrating AI with Google Classroom and Microsoft Teams for seamless assignment management.
- Using AI for creating engaging PowerPoint presentations, infographics, and visual notes.
- Exploring Mentimeter and Slido for real-time AI-powered classroom polls and feedback.
- Demonstration of AI voice tools (e.g., Murf AI, ElevenLabs) for creating narrated e-learning content.
- Group activity: Faculty teams created a mini e-module for a chosen topic using multiple AI tools.

Day 5 – Monday, 15th June 2026 (Presentations, Feedback & Valedictory Ceremony):

The final day was designed for consolidation, presentation of learning outcomes, and formal conclusion of the FDP.

Session 1: Participant Presentations

- Each participant (individually or in pairs) presented their 5-day learning output including: a TLP for their subject, CO and PO statements, CO-PO mapping matrix, a sample question bank, and one AI-generated teaching aid.
- Presentations were evaluated by a panel of resource persons and coordinators on criteria such as relevance, quality of content, AI tool usage, and clarity of outcome alignment.
- Faculty members received constructive feedback on their work and suggestions for further improvement.

Session 2: Group Discussion – Implementation Challenges and Best Practices

- Open forum: Participants shared their experiences, challenges faced, and key takeaways from the FDP.
- Discussion on institutional barriers to AI adoption – infrastructure, policy, digital literacy, and student readiness.
- Best practices shared: AI integration in syllabi, departmental AI policies, student orientation programmes.
- Formation of a faculty AI learning community for continued peer support and resource sharing post-FDP.

Session 3: Feedback and Evaluation

- Structured feedback forms (both physical and Google Forms) were distributed to all participants.
- Quantitative feedback on content relevance, delivery quality, hands-on sessions, resource persons, venue, and overall satisfaction was collected.
- Qualitative responses highlighted: most impactful session, suggested topics for future FDPs, and recommendations.
- Overall feedback was overwhelmingly positive, with 95%+ participants rating the FDP as 'Excellent' or 'Very Good'.

Valedictory Ceremony

The FDP concluded with a formal **Valedictory Ceremony** at 3:00 PM on 15th June 2026. The ceremony included:

- Distribution of Certificates of Participation to all faculty members who attended the 5-day FDP.
- Felicitation of resource persons, conveners, and coordinators by the Principals of all four participating colleges.
- Vote of thanks delivered by the FDP Coordinator.
- Group photograph of all participants, resource persons, and dignitaries.

(c) Faculty Participation:

The FDP witnessed active participation from over **30 faculty members** across the four collaborating institutions, representing disciplines including Commerce, Science, Arts, Computer

Applications, and Management. Faculty engaged enthusiastically in all hands-on sessions, group activities, peer discussions, and presentations. The collaborative environment across institutions fostered interdisciplinary learning and networking among educators.

Activity Summary – Key Highlights:

- 5-Day structured programme with a mix of theoretical lectures, hands-on workshops, and group projects.
- Practical use of 8+ AI tools: Claude AI, Perplexity AI, TeachBetter, ChatGPT, Gamma, Canva AI, NotebookLM, Grammarly AI.
- Each participant produced a comprehensive Academic Resource Portfolio (TLP, COs, CO-PO Mapping, Question Bank).
- Collaborative activities promoting cross-institutional faculty networking.
- Valedictory ceremony with certificate distribution and felicitation of all contributors.

Lamp Lighting Ceremony and Saraswati Vandana

Inauguration & Theoretical Foundations

Faculty Working on AI Tools – Practical Activity

Session on Teaching Learning Plan (TLP) Design

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Group Discussion on AI Tool Applications

Sign

Ms.Yougali Hadwale, Ms.Asmita Deshmukh

Event Representative

Sign

Dr. Madhavi Jadhav

Principal

PRINCIPAL
JSPM's Rajarshi Shahu
Commerce & Science College
Wagholi Pune -412207

JAYAWANT SHIKSHAN PRASARAK MANDAL'S

RAJARSHI SHAHU COMMERCE AND SCIENCE COLLEGE, WAGHOLI

And JSPM'S QAC Organised 5 Day's FDP

FDP Attendance 11/06/2026 to 15/06/2026

Institute Name:- JSPM' Rajarshi Shahu Commerce & Science College.

Campus Name:- Wagholi

Name of Principal:- Dr. Madhavi Jadhav

Sr. No.	Name of Faculty	Designation	Time and Signature									
			11/6/2026		12/6/2026		13/06/2026		14/06/2026		15/06/2026	
			In	Out	In	Out	In	Out	In	Out	In	Out
1.	Dr. Madhavi Jadhav	Principal										
2.	Ms.Ramyan M. Sayyed	Asst. Prof.										
3.	Dr. Nitin H. Bhise	Asst. Prof.										
4.	Ms. Deshmukh Asmita	Asst. Prof.										
5.	Ms. Tanmayee Kadyal	Asst. Prof.										
6.	Ms. Yugali Hadwale	Asst. Prof.										
7.	Dr. Jogdand S.Y.	Asst. Prof.										
8.	Ms.Dipti Sabanis	Asst. Prof.										
9.	Mrs.Rupali Patil	Asst. Prof.										
10.	Dr. Poonam Singh	Asst. Prof.										