

Report of Webinar on Scrum and Agile

Topic: Webinar on Scrum and Agile

Organized by: Department of Automobile Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Speaker: Mr. Sambit Pal, Technical Lead, John Deere, Pune

Date: 29th August 2025

Time: 10:00 am onwards

Mode: Online (Virtual Platform – Google Meet)

No. of Participation: 47

Introduction:

The Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex was organized a webinar on “Scrum and Agile” on 29th August, 2025 from 10:00 am onwards in virtual mode. This webinar was conducted to bridging the theoretical knowledge and industry practices in modern project management. The session was delivered by Mr. Sambit Pal, Technical Lead at John Deere, Pune, who shared his rich industrial expertise in implementing Scrum and Agile frameworks in product development. The program was organized by Mr. Jayanta Si and Mr. Sandip Bhadra, attracting enthusiastic participation from students and faculty members.

Background:

Agile methodology has emerged as a revolutionary project management approach, replacing rigid traditional models with flexibility, adaptability, and iterative development. Scrum, one of the most popular Agile frameworks, provides a structured yet dynamic method for product delivery through sprints, collaboration, and continuous improvement. With businesses worldwide adopting Agile, understanding its principles, tools, and mindset has become vital for students aspiring to work in technology-driven industries.

Objective: The primary objectives of the webinar were:

- To introduce participants to Agile principles and the Scrum methodology.
- To explain the Scrum process, roles, events, and artifacts through real-world applications.
- To highlight tools such as the burndown chart and sprint velocity in project tracking.
- To provide comparative insights on workplace mindsets between foreign and Indian employees.
- To orient students toward professional readiness in Agile-led organizations.

Overview of the Webinar:

The session began with an introduction of the speaker by Mr. Kalyan Mukherjee, TiC, Department of Automobile Engineering, followed by Mr. Pal's engaging talk on the fundamentals of Agile and Scrum. He explained the Agile mindset, focusing on adaptability, collaboration, and customer-centric development.

Key highlights of the session included:

- **Scrum Methodology & Process:** A detailed discussion on how Scrum enables iterative progress through sprint cycles, ensuring transparency and accountability.
- **3-5-3 Scrum Formula:** Mr. Pal elaborated on the three roles (Product Owner, Scrum Master, Development Team), five events (Sprint, Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective), and three artifacts (Product Backlog, Sprint Backlog, Increment), which form the backbone of Scrum.
- **Time–Cost–Quality Relation:** He explained how Agile balances these three constraints by ensuring efficient resource use and value-driven delivery.
- **Burndown Chart & Velocity vs. Sprint Planning:** Practical demonstrations highlighted how teams track project progress, estimate workloads, and adapt plans for timely completion.
- **Mindset Differences:** Mr. Pal shared observations on how foreign employees emphasize strict adherence to process, time discipline, and accountability, while Indian teams often focus on flexibility but may lack process discipline, stressing the need for adopting a balanced professional mindset.

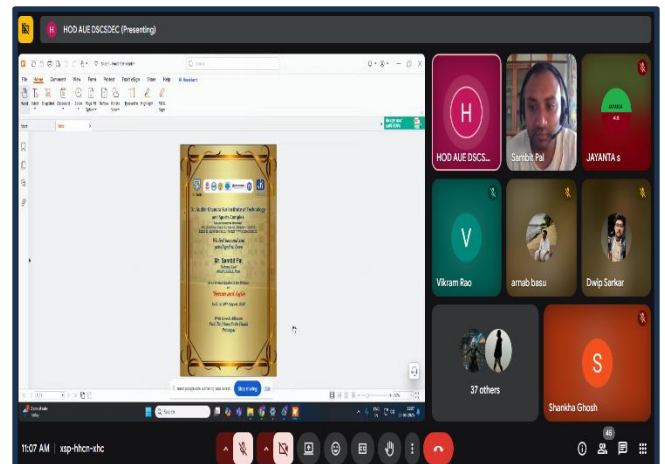
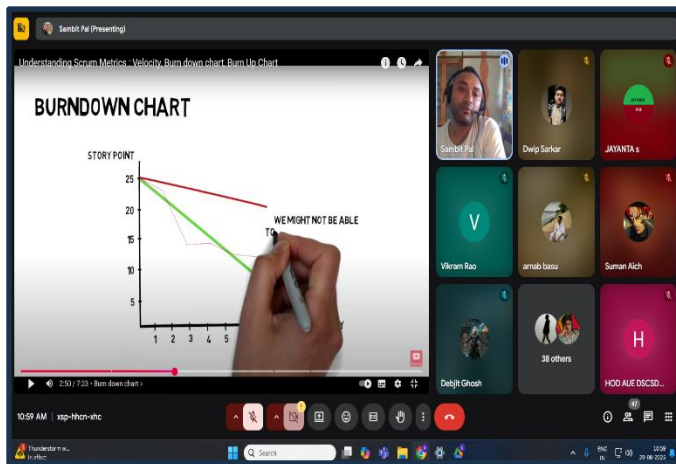
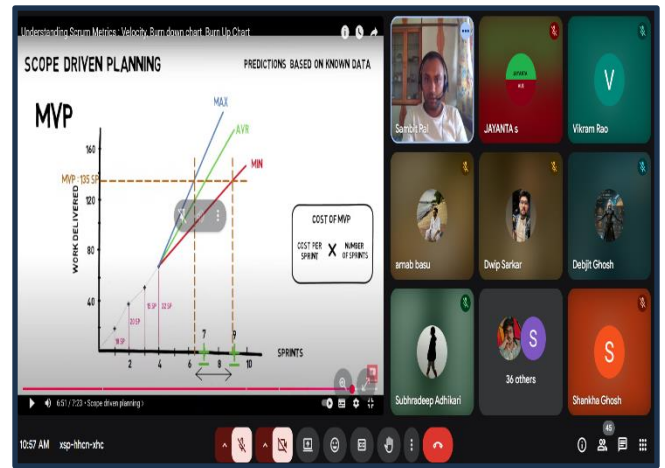
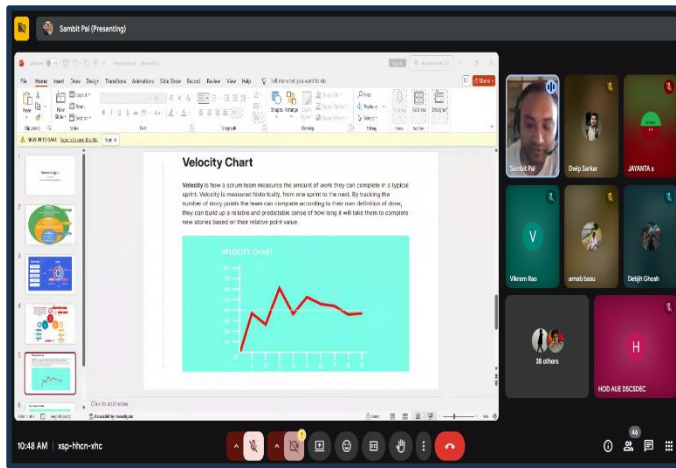
The webinar concluded with an interactive Q&A session, where students raised queries on Agile certifications, career opportunities, and challenges of implementing Agile in non-IT sectors.

Learning Outcomes: The webinar enriched participants with the following takeaways:

- **Conceptual Understanding:** In-depth clarity on Agile principles and Scrum methodology.
- **Process Awareness:** Familiarity with the 3-5-3 Scrum formula, sprint cycles, and team roles.
- **Tools & Techniques:** Practical insights into using burndown charts and measuring velocity for sprint planning.
- **Professional Skills:** Awareness of the importance of balancing time, cost, and quality in projects.
- **Global Perspective:** Comparative understanding of workplace culture and mindset between Indian and foreign employees, inspiring students to adopt professionalism and accountability.

Conclusion:

The webinar on Scrum and Agile by Mr. Sambit Pal was an engaging and insightful session that successfully linked academic learning with industry practices. His explanations of Scrum processes, Agile tools, and workplace mindsets provided students with both technical knowledge and professional orientation. The event created an excellent platform for students to gain real-world exposure to Agile project management, preparing them for future roles in globally competitive industries.



Webinar on Scrum and Agile conducted by department of Automobile Engineering on 29/08/2025