

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT INFORMATION TECHNOLOGY

- **Academic Year:** 2024-2025, Semester-II
- **Name of Course:** Software Engineering (214454)
- **Class:** SE-IT: Division: A

List of innovative methods used in Teaching and Learning

Sr. No	Innovations by Faculties
1	Pedagogical in classrooms
	i. Real time examples. ii. Flash animations. iii. Analogy. iv. Simulations v. Think-Pair-Share vi. Videos vii. Ques-and ans
2.	Collaborative learning
	▪ Web Based: Google meet for end-semester exam guidelines ▪ Mobile Based: SE-IT class WhatsApp group for conveying study material ▪ Interactive panel: Smart Board for demonstration
3.	ICT Based Learning
	▪ AVCOE Library Portal: Institute repository https://www.avcoe.org/library.php ▪ Software Engineering by Prof. Rajib Mall, IIT Kharagpur https://onlinecourses.nptel.ac.in/noc20_cs68/preview ▪ IIT Kharagpur Virtual Lab: Software Engineering Virtual lab http://vlabs.iitkgp.ac.in/se/
4.	Project Based Learning and On-Site Learning
	▪ Industry Visits: CheckMarX Pune ▪ Mini-projects using SDLC: Library Management System with C++ https://www.youtube.com/watch?v=3MAB6QGtMZ0
5.	Work Available for Review and Critique
	▪ Google scholar articles: https://scholar.google.com/citations?user=vtKj0oAAAAJ&hl=en ▪ Teaching Pedagogies are available on institute website https://www.avcoe.org/it.php

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