

Understanding Innovation, Mentorship, and Motivation in Teams, a Design-Centric Approach for Undergraduates

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Abstract : Rapid product development cycles and changing economic conditions compel businesses to find new ways to stay relevant and effective. One of the ways which many companies have adopted is to spur innovations within the various team-based units in the organization. It would be relevant and important to ensure our graduates are ready to excel in such evolving conditions within their professional eco-systems. However, it is not easy to understand the interplays of nurturing team innovation and improving students' learning, in the context of engineering education. In this study, we seek to understand team innovation and explore ways to improve students' performance and learning, via motivation and mentorship. Learning goals from a group of students are collected during a carefully designed two-week long summer programme to provide insights on the main themes, within the context of learning and working in a team.

Keywords : team innovation, mentorship, motivation, learning

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