

Review of: "Why Engineering Education is Losing Charm among Students in India? A Discussion"

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Title: Why Engineering Education is Losing Charm among Students in India? A Discussion

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The paper provides a comprehensive analysis of the decline in engineering enrollment in India, highlighting the reasons behind this trend and discussing potential solutions. The research is timely and addresses an important issue in the context of sustainable development and the increasing role of technology.

The author effectively presents the background of the problem, noting the deceleration in engineering enrollment after a period of significant expansion in the number of engineering institutions. He/she emphasizes the importance of engineering education in achieving Sustainable Development Goals and highlights the need for technology to play a central role. This contextualization effectively establishes the significance of the topic and its relevance to current societal challenges.

The paper offers a thorough examination of the probable reasons for the decline in engineering enrollment. Factors such as high unemployment among engineers, the high cost of private engineering education, and the lack of employability skills imparted by institutions are clearly identified and discussed. The author support his/her arguments with logical reasoning and refer to real-world examples, such as the preference of software and IT firms to recruit engineers from various disciplines or even science graduates who require less costly degrees.

Furthermore, the author acknowledges the impact of global economic downturns, such as the dot-com bubble burst and the 2008 global financial crisis, on engineering enrollment. He/she effectively links these events to the mindset and decision-making of prospective students. The discussion on the impact of Industrial Revolution 4.0 and the need for engineers to possess higher-order technical skills to remain employable demonstrates a deep understanding of the evolving labor market.

The paper also highlights the affirmative actions taken by stakeholders to enhance employability skills, such as the e-

Kumbh initiative of the All India Council of Technical Education. These initiatives and the emphasis on understanding scientific concepts rather than relying solely on English language proficiency showcase practical solutions and demonstrate the importance of adapting to changing demands.

Moreover, the author proposed the early exposure of students to different career paths within engineering and the development of diverse educational loan options. These suggestions show a forward-thinking approach and provide actionable steps to address the challenges faced by aspiring engineers.

Overall, the paper presents a well-researched and insightful analysis of the decline in engineering enrollment, effectively identifying the causes and proposing potential solutions. The writing is clear and engaging, and the arguments are supported by relevant evidence. This study makes a valuable contribution to the field by shedding light on an important issue in the context of sustainable development and the changing demands of the labor market.