

Issues of Engineering Education The Indian Situation

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Abstract

Considering India's ambition to take a major position in world economy it is but obvious that engineering education plays a very important role. Although education policies framed by different governments at different times are relevant, but certain basic issues need to be brought to focus, particularly to the teachers and students of engineering. It has been noticed that often the terms 'science', 'engineering' and 'technology' are not properly understood. Therefore, it will be appropriate, to begin with, to have a brief discussion on this matter to make it clear to the audience the distinctions among the above terminologies. In the next part the talk will present the evolutionary process through which the engineering disciplines have evolved and their basic foundations. Finally the talk will discuss the issues related to engineering education specific to India and certain gaps in the system of engineering education in India. If time permits it will be attempted to briefly present a brief glance on the future possible scenario.

(One hour PPT based lecture suitable for all students and teachers of engineering institutions)