



Kuldeep Jayaswal

Power Electronics & Electric Drives Laboratory,
Department of Electrical Engineering
University College of Engineering,
Rajasthan Technical University,
Rawatbhata Road, Akelgarh
Kota, 324010, INDIA

E-mail: Kuldeep12555@gmail.com

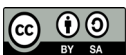
Website: <https://kuldeepjayaswal.wordpress.com/>



Quality Improvement in Engineering: An Opinion Letter



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WHEN we see the current scenario of technology in the world, only one thing tick in our mind that is “Today is for technocrats”. Although the quality of engineering is up to the mark, the outcome is not as per the expectations. The outcome means the quality in fresh B. Tech students. The report from ‘UNESCO’, says that only twenty percent of fresh technical graduates are capable to grab the job. These are those students who are both technically and practically strong but what about eighty percent of graduates. As per the ‘Ministry of Corporate Affairs’, many of the companies are unable to fill the required vacancies due to a lack of technical craftiness in fresh engineers.

Here I want to put my suggestion for technical universities as a responsible citizen of India. If we see the B. Tech program syllabus may be of any branch, there are various uncertainties. Courses are planned by universities from A to Z as per the semester level. In the final semester, there are three or four subjects (out of real-time Industrial Scope). In reality, they are the advanced form of basic subjects that have already been studied in previous semesters.

As per my opinion, Universities should invite the companies (respective departments) to ask their requirement as per their area that they need from a fresh engineer. Companies should tell the subjects and training modules that are given by them to a fresh engineer to universities for all final year students like for electrical branch in the final semester, some subject may be from technologies that required in cement plant, power plant, automobiles sector, etc., with hands-on practice.

Advantage:

- All students would be able to understand the future technologies on which they have to work in companies.
- After it would be easy for companies to recruit engineers as they would meet their requirements.
- The quality of technical education will be an increase because from now student knows about the core work, he knows about the technology on which he has to work.
- They will be able to open their own company.
- The nation will get technocrats.

I think a day will be there when more than eighty percent of engineering graduates will meet the requirements of companies. So the only thing is, in the final semester industries-oriented subjects should be included.

Thanks

