

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

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The author has taken an important area of research. To provide needed suggestions for improvement, the following issues are to be investigated:

1. State-wide unemployment of engineers. Not all the states have well-established product design and manufacturing units. There are states where they don't have even one industry.
  2. Branch wide unemployment. Many branches of engineering are very much affected due to advances in disruptive technologies, lack of establishing advanced manufacturing units, shortage of industry-specific curriculum, and not including courses in advances in product analysis, design, prototype development, testing, improving, selection of appropriate manufacturing methods, and maintenance.
  3. Absence of needed industrial linkages for offering co-operative education
  4. Absence of outcome-oriented instructional design.
  5. Absence of continuous training of the faculty members and students on the fast-changing industrial practices.
  6. Absence of adjunct faculty who are from industries.
  7. Absence of assessment of human resources needs in every industry.
  8. Not introducing industrial training to the students.
  9. Improper goals, objectives, mission and vision in many engineering institutions.
  10. Absence of quality improvement in program planning and implementation.
  11. Failure of Institute of Applied Manpower Research, Delhi in conducting research on the human resource requirements in every sector and publishing the outcome.
  12. Absence of collaboration between companies and engineering institutions.
  13. Absence of academic audit
  14. Absence of tracer studies of the alumni
  15. Doubling and trebling the capacity of the intake without assessing the industrial needs.
  16. Absence of strategic planning
- Unless these issues are investigated and remedial measures are introduced, more institutes will be closed. There will be a very low return on investments (ROI) in the colleges established in every town.

