

Innovations in Teaching Learning Processes

Name of Method: Computational Thinking

Description:- Computational thinking is a powerful approach to thinking and problem solving. It involves breaking large problems down into smaller ones (bifurcation), setting aside unimportant details, identifying and developing the steps that will be necessary to reach a solution (system layout) and refining these steps.

The aim is to teach student to structure problems so they can be solved. The aim is not just to encourage student to be mechanical design engineer, but also to master an art of thinking that will enable them to tackle complex challenges in all aspects of their lives.

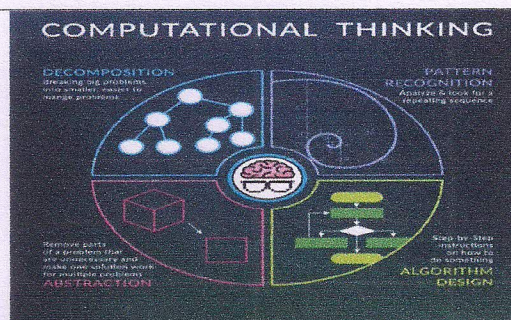
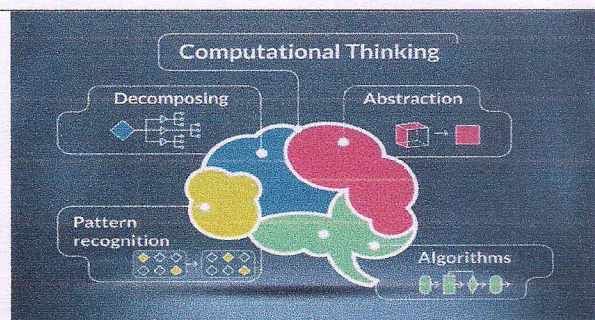
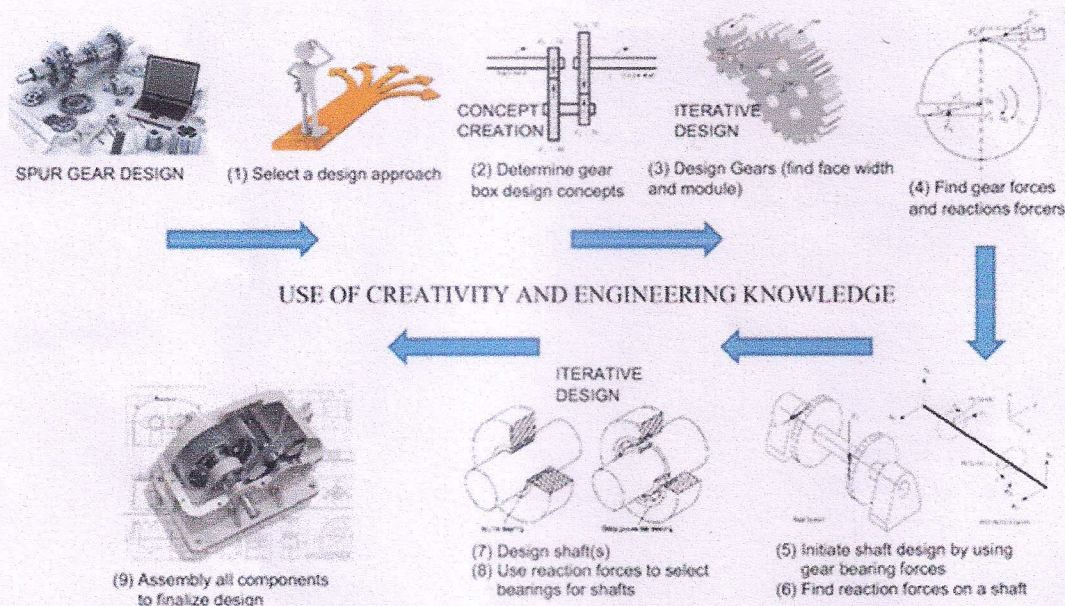
Such tools will help their imagination thrive and grow.

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Reproduced by:- Prof. Sagar Bansod, Prof. Shyam kokate

Implemented from:- AY 2019-20 (Sem-II)

Evidences



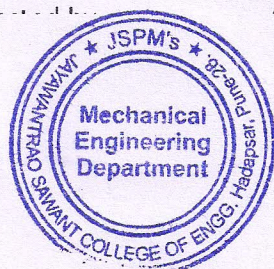
Outcomes: - Following are the outcomes that make Computational thinking be more effective than traditional training:

1. Increase engagement
2. Build team work
3. Improve knowledge
4. Improve interaction with the student
5. Improve critical thinking ability
6. Improving problem solving ability

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