

Process of Curriculum Design

The curriculum design process involves systematic planning, development, and organization of educational content and experiences. Beginning with a needs assessment, goals and objectives of the educational program are identified. The design phase focuses on selecting appropriate instructional strategies, materials, and assessments to meet these objectives. Collaboration among educators, stakeholders, and experts ensures a comprehensive and diverse curriculum. Continuous evaluation and revision allow for adaptation to evolving standards, learner needs, and societal changes, aiming to create a purposeful and impactful learning experience.

Focus of Curriculum Design:

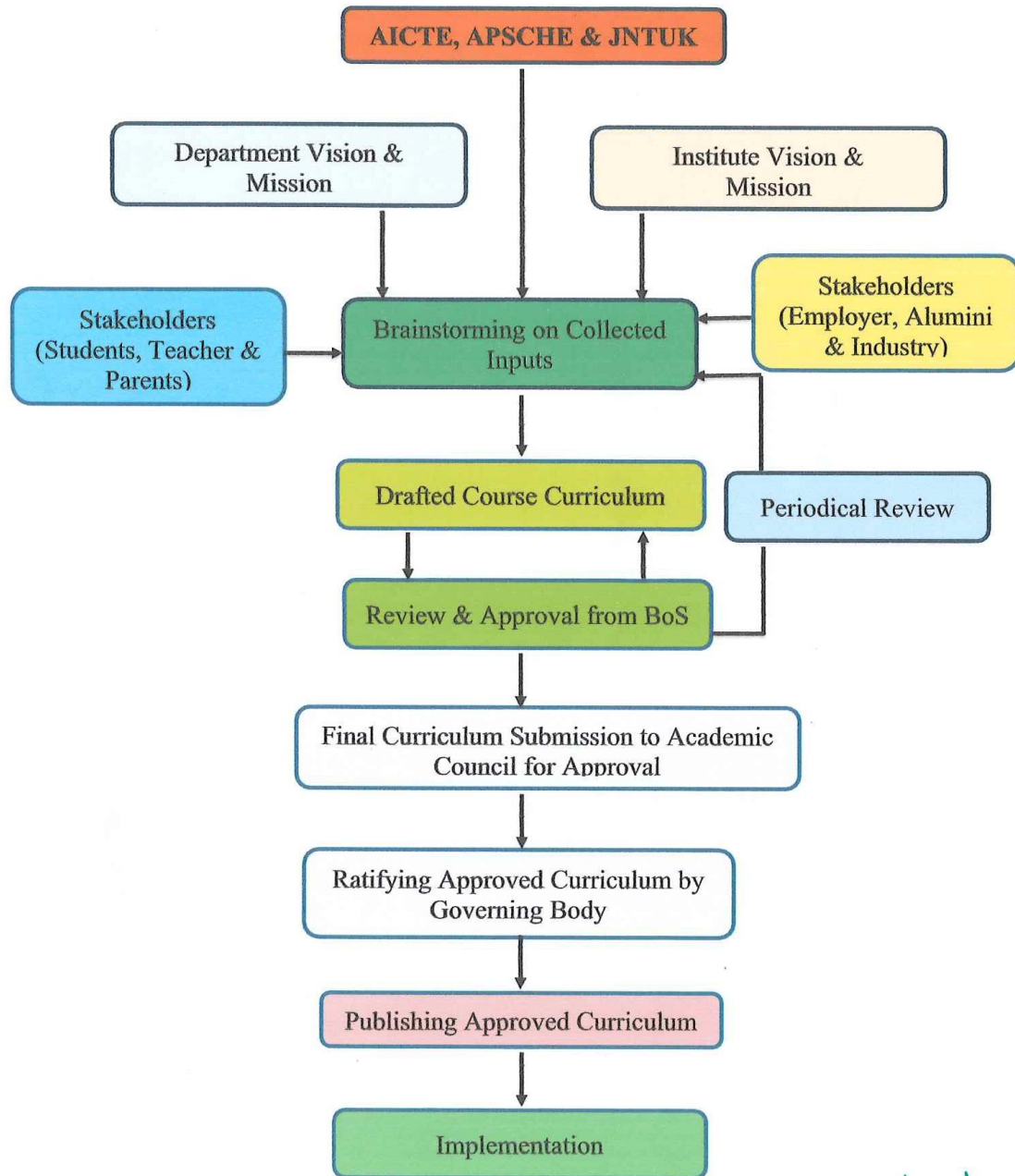
- Addressing challenges in cutting-edge domains of core engineering to find solutions for industry issues.
- Incorporate research knowledge into the curriculum.
- Promote participation in industry internships.
- Promote lifelong learning.
- Improve prospects for increased employability.

Institute has “Choice Based Credit System (CBCS)” for students, and the learning aspects are implemented by defining program outcomes, program-specific outcomes and course outcomes that reflect desired competency expectations.

The institute has developed a curriculum in line with the National Education Policy (NEP-2020) to equip students with the necessary skills to enter the industry. Students can also choose between 3 technical courses offered by their universities and certified courses offered by industry, professional organizations, AICTE, APSSDC or other accrediting bodies. Another major change in the curriculum is introduction of B.Tech. with minors or B.Tech. with Honor. Open electives are offered to students in all disciplines.



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Principal

Flow Chart for Curriculum Design