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TOWARDS PROCESS MATURITY IN ACCREDITATION OF ENGINEERING PROGRAMMES WITH SPECIAL REFERENCE TO THE NBA ACCREDITATION

Abstract:

Adoption of systems and processes that focus on improvement in design and delivery of Outcome Based Education (OBE) is a concern of many engineering institutes who either go in for or intend to apply for accreditation of engineering and technology programmes. This need emerges out from the fact that in India the engineering programme accreditation agency, the National Board of Accreditation, Delhi, does not prescribe any specific approach to process improvement methodology, and that part of process design, implementation and improvement is left to individual institutes who apply for programme accreditation. As a result institutes who have robust and mature processes in use for implementation of accreditation system are still scarce. This paper proposes an extension of business process maturity model as used in software engineering and the eMM 2.3 which is used in e-learning to ensure quality in design and implementation of accreditation process.

Keywords:

Engineering Accreditation, Process Maturity, eMM 2.3, Software Engineering Maturity Model in Engineering Education, NBA Accreditation Process maturity

JEL Classification: C18, I23, I29