A prediction of the accreditation status of engineering programmes in India: a logistic regression approach

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ABSTRACT: The National Board of Accreditation (NBA) in New Delhi, India, has developed a process to assess the technical education programmes in India. Obtaining a good accreditation status is essential for establishing a high position in the technical education field; this is apart from being an issue of prestige for most of the ambitious engineering colleges in India. In this article, the authors discuss the development and validation of a model for predicting the accreditation chances of an undergraduate engineering programme in India through the NBA accreditation process by using the statistical technique, logistic regression.