



SDI Review Form 1.6

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_39499
Title of the Manuscript:	STUDIES ON BIODECOLORIZATION OF TEXTILE EFFLUENT USING BACILLUS SUBTILIS AND PSEUDOMONAS AERUGINOSA ISOLATED FROM TEXTILE EFFLUENT
Type of the Article	Short Research Article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	- The intro. Does not reflect well the advantage of using biological methods instead of chemical or physical treatments - Some aspects of the experimental sections were not thoroughly discussed: For instance: a) The sterilisation of the effluent which could lead to dye decomposition or variation in effluent characteristics. b) Initial characterization of effluent should be made. c) Other assays should be added such as COD and BOD. d) How authors did fix the wavelength for spectro. measurements - Results of bacterial characterization were not shown. - Biodegradation results were not very satisfactory as twelve days were necessary to achieve less than 70% yield. No results were shown to confirm that bacterial treatment did not generate toxic or undesirable by-products.	- The introduction has been reviewed. - From the literature reviewed most of these dyes are stable at high temperatures, this in turn implied that sterilization is unlikely to cause decolorization. And as such a control was set up for this experiment. To which no inoculums was added. - The initial characterization results have been included - The COD and BOD were omitted initially because it was not part of the scope described by the work. But it has been included - The wavelength was selected due to suggestions made in previous literatures. - At day 12 of decolorization some of the decolorization broth had become colorless. - Detection of undesirable and toxic products from decolorization would have enhanced this study to a great extent but it was not included as part of the scope of the study due to inadequate facilities and funds.
	English	
Optional/General comments		