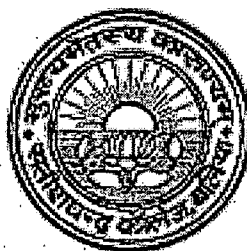


# Satish Chandra College

Ballia, (U.P.)



## CERTIFICATE

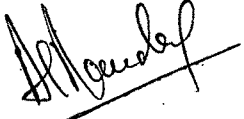
It is hereby certified that the thesis entitled "Mineralogy of Bituminous Coals of Jharia, Jammu, and Wardha Valley Coalfields vis-à-vis their Industrial Utilisation Potential", being submitted in the fulfillment of the requirement for the Degree of Doctor of Philosophy in Chemistry as prescribed in the Ordinance of Veer Bahadur Singh Purvanchal University, Jaunpur (U.P.), India, regarding the nature and prescribed period of work ; research has been carried out by Shri Manish Kumar Mishra under my supervision and no part of the thesis has been submitted for any other degree or diploma. The work included in the thesis, unless otherwise stated, is all original.

The help and assistance so very kindly provided by the concerned authorities and Scientists of CFRI and ISM ; Dhanbad (Jharkhand), CGCRI (Kolkata), and erstwhile RRL(Jammu), to the candidate in any form have been duly acknowledged by him.

  
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