

## DATA SHEET FOR RESEARCH SCHOLARS



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2. Gender: Male
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8. Contact Number: 8280174858
9. Funding Agency: Sambalpur University
10. Date of commencement of Fellowship: 31/12/2022
11. Period of Fellowship: Three Years
12. Title of Research Work: Palaeobiodiversity and palaeovegetation of Permian Period in and around East Bokaro Coalfield, Jharkhand, India: Palaeoclimatic and Palaeoecological implications
13. Name of the Guide: Prof. Shreerup Goswami
14. Registration Number: 44/2021/Geology
15. A Brief Abstract of your Research Work (Within 200 words):

The East Bokaro Coalfield is situated in Hazaribagh and Bokaro districts of Jharkhand, India. The proposed field domain spreads over 237 sq. kms. between 23° 44' and 23° 49' N latitude and 85° 42' and 86° 04' 30" E longitude. The coalfield is considered to be the biggest coal producing unit and ranks third amongst Indian Coalfields in respect of coal potentiality with total coal reserves of around 10,115 metric tonnes. The name "Bokaro Coalfield" was given by WILLIAMS (1846-1847), due to the Bokaro River flowing in the field and consists of five open cast mines. The intended research proposal deals with the comprehensive study of palaeobiodiversity, palaeoecology and palaeoenvironment along with reconstruction of palaeovegetation of different Gondwana formations of major parts of Damodar Basin which are affluent in Permian fossiliferous beds. Extensive palaeobotanical investigations of fossils will be carried out in different fossiliferous horizons of Kathara, Karo and Khasmahal open cast mines. The Permo-

Triassic vegetational scenario with landscape of desired realm, reflecting its palaeo-ecology will be reconstructed.

16. Status of Research Work:

- a) Writing the Synopsis
- b) Review of Literature
- c) Data Collection
- d) Data Analysis
- e) Writing the Draft Thesis

17. Do you have your profile in the following research networks?

- a) Google Scholar
- b) Research Gate
- c) Academia

18. Do you access the following e-resources subscribed by the university

- a) E-sodh Sindhu from INFLIBNET
- b) ProQuest

19. Number of Papers published in referred journals with ISSN:

20. Mention any two of your best publications in APA standard:



Countersigned by the Head

Pavesh Ranjan Dash  
Signature of the Research Scholar