

Dr. PRABAL KUMAR CHATTOPADHYAY



Contact: chatterjee_prabal@yahoo.co.in

Qualification: M.Sc., PhD.

Designation: Associate Professor

Teaching Experience (in years): UG: 11 Yrs PG: 18 Yrs

Research Experience (in years): 12 Yrs

Date of Joining Present Institution: 01/06/2009

Institutions/Companies Previously Served:

Name of Institution/Company	Designation	Tenure	
		From (DD-MM-YYYY)	To (DD-MM-YYYY)
B. ROY & COMPANY (Reg. No. RQP/CAL/166/92A) BH 41, SALT LAKE , KOL-91	MINING GEOLOGIST	15/04/1996	15/07/1996
JALPAIGURI GOVT. ENGG. COLLEGE	LECTURER & ASSISTANT PROFESSOR	13/01/2003	31/05/2009

Examinations cleared: NET-CSIR

Specialization/Research Interest: ORES AND METAMORPHISM

Courses taught

	B.Sc Honours	M.Sc
Semester-I		
Semester-II		1.Economic geology Theory 2.Economic geology Practical
Semester-III		1.Mining geology Theory 2. Ore Beneficiation theory
Semester-IV	1.Metamorphic petrology practical	
Semester-V	1.Economic geology theory 2. Economic geology Practical	
Semester-VI	1.Exploration geology theory 2. Exploration geology practical	

Online Mode of Teaching

(1) Used participatory and innovative teaching-learning methodologies:

- Preparation of innovative learning modules on specific topics involving preparation of lecture notes by students, preparation of written assignments by students according to guidelines provided, holding of discussion/ideation sessions;
- Preparation of relevant questionnaire for especially for honours students on each module/topic of the syllabus assigned to him, followed by intensive analysis of unit/chapters of the syllabus.

(2) **Used ICT or computer-aided methods and preparation of e-modules:**

- Power-point presentations – using MS Power Point – have been used in a widespread way for illustration of different topics/chapters;
- Photo Projector has also been used to some extent for better understanding of some uncommon motif.
- Participated in preparation of e-modules for some relevant topics of his area of specialized knowledge, which are being used in e-pathsala presently.

(3) **Practiced Development/Teaching of Remedial/Bridge/Interactive Courses:**

- Individualized teaching modules were devised and remedial classes taken to cater to the needs of honours students with learning deficiencies in the concerned subject beyond the assigned classes.

Publications

1. **Prabal Kumar Chattopadhyay**, and Sanjib Chandra Sarkar (1999), Sulphur isotope geothermometry from the high grade metamorphosed sulphide deposit at Mamandur, Tamilnadu. *Jour. of Geological Society of India*, 53, 705–710.
2. **Prabal Kumar Chattopadhyay**(1999), Zn-spinel in the metamorphosed Zn-Pb-Cu sulphide deposit at Mamandur, Southern India. *Mineralogical Magazine, London.*, 63(5), 743--755. DOI ; <https://doi.org/10.1180/002646199548754>
3. **Prabal Kumar Chattopadhyay**(2015), Environmental pollution in Ranigunje coalfield: control measures taken--a review. *Communique*. ISSN no. 0973-8584 (an Yearly Journal of Durgapur Govt. College), 9(1), 39--45.
1. **4 Prabal Kumar Chattopadhyay**(2017), The metamorphic evolution of the base metalsulphide deposit of Rampura-Agucha, Rajasthan; petrographical evidences. *Asean Resonance* (UGC journal no 40888), 6(4), 52–61.
2. **5 Prabal Kumar Chattopadhyay**(2019), The sulfidic ores and their metamorphism in Rajpura- Dariba deposit, Rajasthan; textural evidences. *Shrinkhala Ek Shodhparak Baicharik Patrika* (UGC Journal no. 40880) , 6(5), 95–107..

Conference Proceedings:

1. Sanjib Chandra Sarkar and **Prabal Kumar Chattopadhyay** (1996); Granulite facies metamorphism of the lateArchean sulfide ores of Mamandur, Taminadu(abstract). *FM Vokes 70th Anniversary symposium, Trondheim, Norway*.

Guidance of M.Sc. Projects

1. Monalisa Chakraborty (2009–2010) The metamorphosed base metal sulphide deposits of Rampura–Agucha, Rajasthan; petrographical evidences. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
2. Srijan Mitra (2011-2012) The metamorphosed rocks of Raghunathpur area, Purulia, Chhotonagpur plateau. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
3. Subhasis Acharya (2013-2014) A preliminary study of the dumortierites from Susunia Pahar, Bankura, WB. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
4. Anamitra Goswami (2013-2014). Migmatites from the purulia river WB; a preliminary study. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
5. Surojit Das (2015-2016) Phosphorites from Purulia, WB ; a petrographic study. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
6. Rana Mukhrjee (2015–2016) Pyrite from phosphorite; a genetic modelling. (**Guide; Dr. Prabal Kumar Chattopadhyay**).

7. Haimantika Rej (2016–2017) A preliminary study of the Rajpur-Dariba base metal sulphide deposit, Rajasthan. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
8. Arnab Goswami (2017-2018) The base metal sulphide deposit from Mosabani, Singbhum; a petrographical study. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
9. Harshita Jha (2019-2020) Behaviour of sphalerite from the base metal sulphide deposit of Jawar, Rajasthan. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
10. Sanchita Mondol (2019-2020) Behaviour of galena from the base metal sulphide deposit of Jawar, Rajasthan. (**Guide; Dr. Prabal Kumar Chattopadhyay**).
11. Presently working four nos. of MSc students

Participation in committees of Durgapur Government College since 2017

1. Co-ordinator, Odd-Semester Examinations. 2019–20.
2. Member, e-Tender Committee 2017–18, 2018–19.
3. Member, Students' Disciplinary Committee 2017–18, 2018–19.
4. Member, Examination Committee 2017–18, 2018–19.
5. Member, Canteen Committee 2019–20.