

Dr. SUPRATIM PAL



Contact : +91 9432151759/+91 9073305019

Qualification : Ph. D. (Science)

Designation : Associate Professor

Teaching Experience (in years): UG : 21 years PG : 21 years

Research Experience (in years) : 28 years

Date of Joining Present Institution : 17-07-2013

Institutions/Companies Previously Served:

Name of Institution/Company	Designation	Tenure	
		From (DD-MM-YYYY)	To (DD-MM-YYYY)
Durgapur Government College	Lecturer Sr Lecturer	30-06-1999	07-12-2006
Presidency College	Sr. Lecturer Reader Associate Professor	09-12-2006	16-07-2013

Examinations cleared: NET-CSIR

Specialization/Research Interest : Metamorphic Petrology & Geochemistry

Awards & Recognitions

1. Awarded National Scholarship for securing high marks in aggregate in Madhyamik Pariksha - 1985
2. Awarded National Scholarship for securing high marks in aggregate in Higher Secondary Examination - 1987
3. Awarded University Gold Medal for securing 1st rank in order of merit in Geology Honours in Jadavpur University - 1990
4. Awarded National Scholarship for securing 1st rank in order of merit in Geology Honours - 1990

Courses taught

	B.Sc Honours	M.Sc
Semester-I	Mineral Science (Practical)	Mineralogy (Theoretical)
Semester-II	Geochemistry (Theoretical & Practical)	Metamorphic Petrology (Theoretical & Practical))
Semester-IV	Metamorphic Petrology (Theoretical & Practical))	

Online Mode of Teaching

1. Online classes are being taken in Zoom, Team link platform.
2. Course material are being supplied to students by email
3. Whatsapp Group for individual classes are being maintained for discussion on querries raised by student so that instead of catering one individual student on that problem the entire class becomes aware about the problem and its solution.
4. Assignments are sent to students over email and they upload their assignments to dedicated email account for correction.

Publications

Journals:

1. Aniket Chakrabarty, Roger H Mitchell, Minghua Ren, Supriyo Pal, **Supratim Pal** & Amit Kumar Sen. (2018) Nb-Zr-REE re-mobilization and implications for transitional agpaitic rock formation : Insights from the Sushina Hill Complex, India. *Journal of Petrology*, 59, 10, 1899-1938.
2. Aniket Chakrabarty, Roger H Mitchell, Minghua Ren, Pritam Kumar Saha, **Supratim Pal**, Kamal Lochan Pruseth, & Amit Kumar Sen. (2016) Magmatic, hydrothermal and subsolidus evolution of the agpaitic nepheline syenites of the Sushina Hill Complex, India : implications for the metamorphism of peralkaline syenites. *Mineralogical Magazine* 80 (7) 1161-1193.
3. Harendranath Bhattacharya, Biplab Bhattacharya, **Supratim Pal** & Abhinaba Roy. (2015). Late Archaean tidalites from western margin of Chitradurga Greenstone Belt, southern India. *Precambrian Research*, 257, 109-113.
4. **Supratim Pal**, & Harendranath Bhattacharya. (2014), Geochemistry of carbonate veins in volcanic suites of late Archean Chitradurga Greenstone Belt, Karnataka, India - its implication on genesis of hydrothermal fluids. *Indian Journal of Geosciences*, 68, 4, 359-376.
5. Somnath Dasgupta & **Supratim Pal** (2005). Origin of grandite garnet in calc - silicate granulites : mineral-fluid equilibria and petrogenetic grids. *Journal of Petrology*, 45, 1045-1076.
6. Sankar Bose, **Supratim Pal**, & Masato Fukuoka. (2003). Pressure-temperature-fluid evolutionary history of orthopyroxene - bearing quartzofeldspathic and mafic granulites from northern parts of Eastern Ghats Belt, India: implications for Indo-Antarctic correlation; *Journal of Asian Earth Sciences*, 22; 81-100.

7. Somnath Dasgupta, Pulak Sengupta, **Supratim Pal** & Masato Fukuoka. (1999). Evidence of superposed metamorphism from the Gokavaram area, Eastern Ghats Belt, and its relation with the Kemp Land Coast, East Antarctica. *Gondwana Research*, 2; 227-236.
8. Pulak Sengupta, Sanjay Sanyal, Somnath Dasgupta, Masato Fukuoka, Juergen Ehl & **Supratim Pal**. (1997), Controls of mineral reactions in high-grade garnet-wollastonite-scapolite - bearing calcsilicate rocks : an example from Anakapalle, Eastern Ghats, India. *Journal of Metamorphic Geology*, 15, 551-564

Book Chapters:

1. **Supratim Pal**, & Bose, S. (1997), Mineral reactions and geothermobarometry in a suite of granulite facies rocks from Paderu, Eastern Ghats Granulite Belt: A reappraisal of the P-T trajectories;; In: Sen, S.K.(Ed.) Eastern Ghats granulites, Special volume Proceedings Earth and Planetary Science (Ed Sen, S.K.), Indian Academy of Sciences; Vol. 106, pp. 77-89

Conference Proceedings:

1. Harendranath Bhattacharya, Biplab Bhattacharya and **Supratim Pal**. (2016). A multiple phase evolution model for Chitradurga greenstone belt, Dharwar Craton, southern India. National Conference & Field Workshop on Precambrians of India, Jhansi, Uttar Pradesh, November 22-24, 2016, Department of Geology, Bundelkhand University & The Society of Earth Scientists. pp 22-24.
2. Nilanjan Dasgupta, Trishit Ruj & **Supratim Pal**. (2012). Tectonics of the Eastern margin of the Delhi Fold Belt near Srinagar, Ajmer district, Rajasthan. In : Rock Deformation and Structure RDS - II, National Conference, Lucknow, pp. 37.
3. Abhinaba Roy, Harendranath Bhattacharya, Biplab Bhattacharya & **Supratim Pal**. (2012). Chitradurga Schist Belt of Dharwar craton revisited : Evidences in favour of polyphase deformation and ductile shearing along the western margin of the belt. In : Rock Deformation and Structure RDS - II, National Conference, Lucknow, pp. 103-105.
4. **Supratim Pal**, Nilanjan Dasgupta & Trishit Ruj. (2012). Evidence of albitization along the sheared contact of Delhi Fold Belt and Basement Gneiss from Srinagar, Ajmer district, Rajasthan, India. In : 34th International Geological Congress, Brisbane, Australia.
5. Nilanjan Dasgupta, **Supratim Pal** & Trishit Ruj. (2012). Structural evolution of deformed granite exposed near Srinagar, Ajmer district, Rajasthan, India. In : 34th International Geological Congress, Brisbane, Australia.

6. Alokesh Chatterjee, Tanmoy Mukherjee, Arijit Ray & **Supratim Pal. (2009)**. Emplacement of Bankura anorthosite within Chhotonagpur Granite Gneiss Complex, eastern India: application of AMS study. In : 11th IAGA - The International Association of Geomagnetism and Aeronomy - Scientific Assembly, Sopron, Hungary.
7. **Supratim Pal. (2008)**. On the formation of wollastonite-rich veins in calc silicate granulites: Implications for late fluid infiltration and utilization potential for those wollastonites: Evidences from Balaram, South Delhi Fold Belt, north Gujarat. In : National Seminar on "Ore body modelling for genesis, predictive metallogeny and resource analysis, Department of Geology, Mohanlal Sukhadia University, Udaipur, pp. 100-101.
8. **Supratim Pal**, Subir Mukherjee, & Masato Fukuoka. (2008). P-T evolutionary history of the Mn-ore bearing pelitic schists of Mansar Formation from Sausar Mobile Belt, India. In : International Conference on "Geology: Indian Context and global scenario, Geological Studies Unit, Indian Statistical Institute, pp. 55.

Sponsored Research projects

1. **Dr. Supratim Pal** (PI), "Petrological etrological evolution of the granulite inliers occurring along the western boundary of the southern sector of delhi fold belt : evidences for contrasting style of metamorphic history in comparison to the neighbouring amphibolite facies metamorphites", UGC Minor Research Project : **PSW - 003 / 04-05 (ERO) dated 13.03.05. Total Outlay Rs. 90,000/-**, Tenure (1st April 2005 - 31st March, 2007).
2. **Dr. Supratim Pal** (Co-PI) "Structural and tectonic control of Albitite related uranium mineralization and associated metallogeny in Northern Rajasthan". BRNS - DAE, Govt. of India : **2009/36/56-BRNS/1861 dated 09/10/2009. Total outlay Rs. 14,06,500/**, Tenure (2009-2012)

Guidance of M.Sc. Projects

1. Priyadarshan Singha (2018-2020, Durgapur Government College) , Petrological evoluuion of the syenites occurring in and around Rasimalai, Dharmapuri Shear Zone : evidence of alkaline magmatism in the Southern Granulite Terrane (**Guide : Dr. Supratim Pal**)
2. Sayantani Pan (2014-2016, Durgapur Government College) Evidence of carbonatization in the Archaean metabasalts of Chitradurga Schist Belt, Karnataka : Implications of fluid activity in oceanic crust (**Guide : Dr. Supratim Pal**)
3. Sanjeeb Acharya (2013-2015, Durgapur Government College) Petrographic attributes of enderbite and mafic granulite enclaves within porphyritic granite of Chhota Nagpur Gneissic Complex; A case study from Gadibero near Raghunathpur, Purulia district, West Bengal (**Guide : Dr. Supratim Pal**)
4. Ranisha Chowdhury (2013-2015, Durgapur Government College) Petrographic attributes of calc silicate granulites of Chhotonagpur Gneissic Complex, Purulia district, West Bengal (**Guide : Dr. Supratim Pal**)

5. Rikta Chatterjee (2013-2014, Durgapur Government College) Characterization of terminal fluid in a UHT granulite terrain : evidence from calc granulites and associated rocks of Narsapuram , Eastern Ghats Belt , India **(Guide : Dr. Supratim Pal)**
6. Telen Shonglenshon Kom (2009-2011, Presidency College) Petrology of high Mg-Al granulites from Anantagiri, Eastern Ghats Belt, Andhra Pradesh, India : evidence of ultra-high temperature metamorphism, a case study **(Guide : Dr. Supratim Pal)**
7. Damepaia S M Pdah (2008-2010, Presidency College) Metamorphic evolution of a suite of metamorphosed gabbro-norite-anorthosite intrusives and pelite schist host rock of Khammam Schist Belt, Andhra Pradesh, India : a comparative study **(Guide : Dr. Supratim Pal)**

Participation in faculty development programmes

1. 39th Orientation Programme from 22/10/2002 to 18/11/2002 **(Dr. Supratim Pal)** organized by ASC, The University of Burdwan
2. Refresher Course on Disaster Managemnt from 06/11/2006 to 25/11/2006 **(Dr. Supratim Pal)** organized by ASC, Jadavpur University
3. Refresher Course on Analytical Instruments and their role in Research from 02/02/2009 to 21/02/2009 **(Dr. Supratim Pal)** organized by ASC, Jadavpur University

Participation in committees of Durgapur Government College since 2017

1. Quarter Allotment Sub-Committee (Dr. Supratim Pal, Member - 2017-18, 2018-19; Jt. Convenor - 2019-20)
2. Undergraduate Admission Sub-Committee (Dr. Supratim Pal, Member and subsequently Jt. Convenor - 2018-19)
3. Semester I Examination Sub-Committee (Dr. Supratim Pal, Jt. Convenor - 2018-19)
4. Grievance Redressal Sub-Committee (Dr. Supratim Pal, Jt. Convenor - 2019-20)