



# St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

## Faculty Profile

<b>Name of Faculty Member</b>	:	<b>Dr. Melvin A. Ekka</b>
Gender	:	Male
Email ID	:	drmelvin17@sxcran.org
Name of Department	:	Department of Geology
Designation	:	Assistant Professor
Level of Teaching	:	Undergraduate and Postgraduate
Academic Qualification	:	M.Sc., Ph.D.
Total Teaching Experience	:	01 Years and 06 Months
UGC NET/SET Qualified	:	Yes

### **Research Papers Published:**

- 1) **Petrochemistry of Ti deficient magnetite ores of Domnapahari-Salatua area, Palamau District, Jharkhand.** *Vistas in Geological Research, Special publication in Geology, Utkal University, (14), pp. 15-21.*
- 2) **Petrochemistry and tectonic setting of olivine websterite, northeast of Puruliya town West Bengal.** *Ranchi University Journal of Science and Technology, vol 4 (1), pp. 78-83.*
- 3) **Occurrence of Phlogopite in Carbonatite and Associated Alkaline Rocks at Beldih, Purulia District, West Bengal, India.** *International Journal of Engineering Science Invention (IJESI) , Volume 7 Issue 4 Ver. VI, April 2018, pp.06-10.*
- 4) **Some observation on carbonatites of Beldih-Kutni sector, Purulia district, West Bengal.** *Vistas in Geological Research, Special publication in Geology, Utkal University, (15), pp. 71-76.*
- 5) **An overview of apatite ore mineralization associated with alkalic-carbonatitic magmatism in Purulia district, West Bengal and their bearing on Nb-Ta mineralization.** *International Journal of Emerging Technology and Advanced Engineering, Volume 8, Issue 4, pp. 206-211.*

**Participation in UGC-HRDC Course/FDP/OC/RC:**

- 1) Participated in the Faculty Induction/Orientation Program - Teaching Learning Centre, Ramanujan College, Delhi, from 20.10.2022 to 18.11.2022.

**Seminar/Conference attended/Paper Presented (National/International):**

- 1) Training program on " Uses of sophisticated instruments in earth sciences"2022, Indian Institute of Technology (ISM) Dhanbad.
- 2) Online course on "Basic of RS GIS & GNSS" 2021, Indian Institute of Remote sensing, Dehradun.
- 3) National seminar on "Earth resources: Development and Management" 2017, Utkal University.
- 4) National seminar on " Geological processes and products: Retrospect and prospect", 2016, Utkal University.
- 5) National seminar on " Environment and development in Eastern India (status, issues and challenges)" 2016, Ranchi.
- 6) Training program on "United Nations Framework classification (UNFC) system" 2010, Ranchi.
- 7) Training on geological investigation and laboratory work under Dept. of Mines and Geology, Jharkhand Government. 2010, Ranchi.
- 8) Workshop on "Geospatial Technology for the study of earth resources and environment" 2007, Sambalpur University.
- 9) National workshop on " Recent developments in techniques to constrain petrogenesis of igneous rocks" 2007, University of Calcutta.

[Dr. Melvin A. Ekka]