



Arya Vidyapeeth College (Autonomous)
আৰ্য্য বিদ্যাপীঠ মহাবিদ্যালয়(স্বায়ত্তশাসিত)



Personal profile

Name of the Faculty: Dr. Dicton Saikia

Designation: Assistant Professor

Personal Date of Birth: 28-02-1991

Information Gender: Male

Nationality: Indian

Address for correspondence:

Department of Geology

Arya Vidyapeeth College (Autonomous)

Arya Nagar, Guwahati- 781016

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Contact No.: 7002147746

Date of joining in the present service: 28-11-2020 (Forenoon)



Academic MSc, NET, Ph.D.

Qualification

Teaching In UG level: 2 years 6 months

Experience In PG level: Nil

- Academic distinction
- i) M.Sc, in Geology from Gauhati University, Guwahati– 14, Assam in the year 2013.
 - ii) B.Sc. in Geology from Pragjyotish College under Gauhati University in the year 2011 securing the 8th position in the university.

Date of obtaining / PhD Degree: Awarded Ph.D. degree on 31st May 2019,

Name of Institute: IISER Bhopal, Bhopal– 462 066, India

Title of the Ph.D. thesis:

“NEOPROTEROZOIC TECTONISM AT THE EASTERN GHATS BELT- BASTAR CRATON INTERFACE, EASTERN INDIA: CONSTRAINTS FROM GEOCHEMICAL, METAMORPHIC AND GEOCHRONOLOGICAL INVESTIGATIONS”

Length of research experience: 4 Years 5 months

Specialization (Area of interest): Monazite Geochronology, Metamorphic petrology, Phase equilibrium P-T Pseudosection modeling, Mineral chemistry.

No. of Research paper published: 02

Publications **No. Of Research paper published: 02 (Peer-reviewed) :**

i.) **Saikia, D.**, Nasipuri, P., Bhattacharya, A., 2018, In situ U-Th-Pb total dating of polychromous monazite in the Koraput anorthosite pluton, Eastern Ghats Granulite Belt (India), and implications. **Geological Magazine**, 155, 209-228. (Cambridge university press) **Impact Factor: 2.65**

ii.) **Saikia, D.** Nasipuri, P. (2023) Magmatic and Geochemical studies of Early Neoproterozoic Koraput Anorthosite Massif, Eastern Ghats Mobile Belt and their implications for Rodinia assembly. *Journal of the Geological Society of India (Springer)*. (Corresponding Author). **Accepted Manuscript**
Impact Factor: 1.64

Papers presented in Seminar/ Conference

International:

1. **Saikia, D.**, Nasipuri, P., Bhattacharya, A. First Report of Paleoproterozoic HP/LT Metamorphism from Bastar Craton, India. **Goldschmidt 13-18 August 2017, Paris, France.**
2. **Saikia, D.**, Growth of coronal garnet in Koraput Anorthosite Pluton, Eastern Ghats Belt (Domain 2), India, and implications for Gondwanaland assembly. Goldschmidt Conference, **Hawaii, USA, 2022 July 10 – July 15.**

National:

- i. Saikia, D., Nasipuri, P. In situ dating of Monazite from Koraput Anorthosite Complex and geodynamic implications. 2nd National Geo-Research Scholars Meet ,May 2017 at WIHG, Dehradun. (ORAL presentation)

Corporate /Social responsibility:

- Member of the Construction committee of Arya Vidyapeeth College w.e.f. 01/01/2021
- Teacher in charge (Major Games) for AVCSU 2021-2022
- Teacher in charge (Major Games) for AVCSU 2022-2023
- Member of the Cricket Club of Arya Vidyapeeth College
- Member of Arya Vidyapeeth Admission Committee for Commerce, 2022.
- Member of Book fair (publicity and advertising committee) 2022-23.
- Member of Arya Vidyapeeth Admission Committee for Science, 2023.

Professional developments:

1. Convener in International Virtual Workshop on “Recent Developments in Earth Sciences” Organized By: Department of Geology, Arya Vidyapeeth College, Guwahati-16, Assam, 1st-8th November 2021

Technical Skills:

Prepared and analyzed samples in the following instruments:

1. Electron Probe Micro Analyzer (EPMA)
2. Inductively Coupled Plasma Mass Spectrometer (IC-PMS)
3. X-Ray Florescence Spectrometer (XRF)

Linkage with other institutions:

- i. IISER Bhopal, Assam University, Gauhati University, West Bengal, NIT Durgapur-West Bengal,

Award received from Govt./reputed**National Society**

- i. Young Scientist- 2018 award, awarded by Geological Survey of India, Govt, of India.