

Dr. Jai Prakash Gautam, Ph.D

Assistant Professor (On Contract)

Department of Geology

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**Academic Details**

Course	Year	Name of the Institution
Ph.D.	2020	Department of Geology, Banaras Hindu University, India.
M.Sc.	2010	Department of Geology, Banaras Hindu University, India.
B.Sc. (Hons)	2007	Institute of Science, Banaras Hindu University, India.

PhD Thesis Title: “Systematic revision and biostratigraphic evaluation of the Cretaceous ammonoids from the Karai Formation, Cauvery Basin, southern India”

Professional Experience

From	To	Designation	Organization
04.08.2025	Present	Assistant Professor (On Contract)	Department of Geology, Central University of Jharkhand, Ranchi
23. 04. 2025	31. 05. 2025	Resource Person	Department of Geology, Babasaheb Bhimrao Ambedkar University, Lucknow
30. 08. 2022	22. 04. 2025	Guest Faculty	S.O.S Earth Science, Jiwaji University, Gwalior, (M. P.)
28. 04. 2014	16. 10. 2020	Ph. D, Research Scholar	Department of Geology, B.H.U
26. 04. 2012	27. 03. 2014	Project Fellow under UGC - CAS	Department of Geology, B.H.U. Varanasi

Teaching

At the Department of Geology, SNRM, Central University of Jharkhand, Ranchi, India

- Palaeontology
- Physical Geology and Applied Geomorphology
- Oceanography and Marine Geology
- Sedimentary Petrology
- Environmental Geology
- Qualified National Level Examination Graduate Aptitude Test in Engineering (Geology) in 2014.

➤ **Industrial Training**

1. Organization: ONGC, Dehradun. Summer Training Programme-2009 during 1st June to 30th June at KDMIPE, ONGC, Dehradun.

2. Organization: Oil India Limited, Duliajan, Assam. Industrial Training Programme from 29th March 2010 to 13th April 2010.

➤ **Computer Skills**

Operating System, MS Windows 98, 2007, XP and Coral.

➤ **Membership of learned bodies**

Life time membership of Indian Geological Congress.

➤ **List of publications**

1. Pandey, B., Gautam*, J. P., Tiwari, D. N., Jaitly, A. K., and Singh A. K. 2025, Recent development in the Upper Albian ammonoid stratigraphy of the Cauvery Basin, south India. *Himalayan Geology*, Vol. 46 (1), p. 28-38.*Corresponding author.

2. Tiwari, D. N., Jaitly, A. K., Pandey, B., Gautam*, J. P., and Singh A. K. 2022, Taxonomic revision of the Late Cretaceous Pectinid Bivalves *Neithea* (Drouet) and *Plicatula* (Lamarck) from the Trichinopoly Group, Cauvery Basin, South India. *Journal of the Palaeontological Society of India*, Vol. 67 (2), p. 330-341.*Corresponding author.

3. Tiwari, D. N., Jaitly, A. K., Pandey, B., Gautam*, J. P., and Singh A. K. 2022, First record of the genus *Pleuromya* Agassiz (*Bivalvia*: *Anmalodesmata*) from the Anaipadi Formation of Trichinopoly Group, Cauvery Basin, South India. *Journal of Scientific Research of The Banaras Hindu University* Vol. 66(4), p. 1-6. DOI: 10.37398/JSR.2022.660401 *Corresponding author.

4. Pandey, B., Gautam*, J. P., Jaitly, A. K., and Tiwari, D. N. 2022, Record of the Middle Albian (Lower Cretaceous) ammonoids from the Cauvery Basin, southern India. *Historical Biology*, Vol. 34(6), p. 947-952. *Corresponding author, DOI:10.1080/08912963.2021.1954636

5. Pandey, B., Jaitly, A. K., Gautam*, J. P. and Tiwari, D. N. 2021, Ammonoid biozonation in the Lower Albian (Lower Cretaceous) succession of the Ariyalur Sub-Basin, Cauvery Basin, south India. *Journal of the Palaeontological Society of India*, Vol. 66 (2), p. 182-189. *Corresponding author.

6. Jaitly, A. K., Pandey, B., Mishra, S. K., Tiwari, D. N. and Gautam, J. P. 2021, Microfacies analysis and depositional environments of the upper Cretaceous (Campanian - Maastrichtian) succession in the Cauvery Basin, southern India. *Journal of the Palaeontological Society of India*, Vol. 66 (2), p. 235-250.

7. Jaitly, A. K., Kumar, S., Pandey, B., Gautam, J. P. and Tiwari, D. N. 2021, Turonian (Late Cretaceous) heterodont subfamilies: Lucininae, Eriphylinae and Opinae (Bivalvia: Veneroidea) from the Narmada Basin, central India. Journal of the Palaeontological Society of India, Vol. 66 (2), p. 336-345.
8. Gautam, J. P., Pandey, B., Jaitly, A. K., Pathak, D. B., Lehmann, J. and Tiwari, D. N. 2019, Late Albian ammonites from the Cauvery Basin, south India. Cretaceous Research, Vol. 102, p. 12-29.
9. Gautam, J. P., Pandey, B., Jaitly, A. K., Pathak, D. B., Kumar, S. and Tiwari, D. N. 2019, Early Albian ammonites from the Karai Formation, Cauvery Basin, south India. Journal Earth Science India, Vol. 12(1), p. 53-70.
10. Kumar S., Jaitly A. K., Pandey B., Pathak D. B. and Gautam J. P., 2018, Turonian (Late Cretaceous) limids (bivalve) from the Bagh Group, central India. Journal of the Palaeontological Society of India, Vol. 63 (1), p. 91-100.
11. Kumar S., Pathak D. B., Pandey B., Jaitly A. K., and Gautam J. P. 2018, The age of the Nodular Limestone Formation (Late Cretaceous), Narmada Basin, central India. Journal of Earth System Science, Vol. 127 (8) p. (109) 1-7.
12. Gautam J. P., Pandey B., Pathak D. B. and Jaitly A. K. 2015, Recognition of the Early Albian *Douvilleiceras mammillatum* Zone in the Cauvery Basin, SE India. Journal Earth Science India, Vol. 8 (IV), p. 100 - 111.

Abstracts

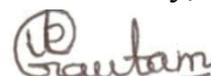
1. Gautam, J. P., Pandey B., Jaitly A. K., Pathak D. B., and Kumar S. 2017, Albian ammonites from the Karai Formation, Cauvery Basin, Tamil Nadu, National Seminar on Deccan Volcanism and Biotic Events across the K/T boundary, Oct. 2017 p. 80.
2. Gautam, J. P. 2016, Enlargement of stratigraphic record of the Karai Formation (Uttattur Group), Cauvery Basin, South India. 33rd Convention of Indian Association of Sedimentologists with emphasis on Energy resources & climate change, Nov. 2016, p. 100-101.
3. Gautam, J. P., Mohapatra, S. N. 2022, Climate change and possibilities of hydrocarbon through palaeontological perspective - A case study of Cretaceous ammonoids of Cauvery Basin. 4th International Conference on Environment and Society, Dec. 2022, p. 26.

Declaration

I hereby declare that the above-furnished details are true to the best of my knowledge.

Thanking You,

Yours sincerely,



(Dr. Jai Prakash Gautam)