

## Profile

**Name :**Dr.Sanjai Kumar Srivastava

**Designation:**Associate Professor

**Date of Joining:** 14.02.2022

**Educational Qualifications:**M.Sc (BHU);Ph.D (NU)

**Specialization:** Sedimentology and Palaeobiology

**Email ID:**sksrivastava@nagalanduniversity.ac.in; [sanjaikohima@yahoo.co.in](mailto:sanjaikohima@yahoo.co.in)

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### Professional Career

<i>Sl No</i>	<i>Position held</i>	<i>Period</i>	<i>Institution</i>
1.	Scientific Officer	16 <sup>th</sup> October 2008 to 7 <sup>th</sup> October 2012	Nagaland University
2.	Guest Faculty /Part Time Lecturer	April 2006 to 7 <sup>th</sup> October 2012	Nagaland University
3.	Assistant Professor	8 <sup>th</sup> October to 7 <sup>th</sup> October 2016	Nagaland University
4.	Assistant Professor Stage-II	8 <sup>th</sup> October 2016 to 13 <sup>th</sup> February2022	Nagaland University
5.	Associate Professor	14 <sup>th</sup> February till date	Nagaland University

### Publications

1.Granulometric analysis of Nagthat Formation around Maldeota, Dehradun, U.P., *Jour. Assam Sci. Soc.* 33(2), pp56-68,**1991**

2. Ground water conditions in hard rocks in AhmednagarDistrict of Maharastra, *Jour. Assam Sci. Soc.* 37(2), pp116-118,**1995**.

3. Depositional environment and Tectonic Provenance of NagthatSiliciclastics, N E of Deharadun, Uttaranchal, India, *Naga. Univ. Res.Jour.1*,pp 44-52,2003

4. Clay minerals and diagenetic features in the Palaeogene Disang- Barail transitional Sequences, N-W of Kohima, *Bull. Ind. Geol. Asso*, 36(1&2), pp83-90, **2003**.

5. Diagenetic modifications in Krollimestones, Maldeota, Uttaranchal, India, *Naga. Univ. Res. Jour.2*, pp83-88, **2004**.

6.Tectono-Sedimentary Evolution of Disang- Barail Transition, North West of Kohima, Nagaland, India, *Himalayan Geology*, 25 (2), pp121 -128,**2004**.

7. Major element Geochemistry and provenance of the Palaeogene Siliciclastics at Disang-Barail Transition, NW of Kohima, Nagaland, India. *Jour. Ind. Asso. Sedimentologists*. 23(1&2):pp137-142, 2004.
8. Depositional mechanism of the Palaeogene sediments at Disang –Barail Transition, N-W of Kohima *Jour. Palaeont. Soc. Ind.*, 50(1),pp135-140, 2005.
9. Kinematics and dynamic analyses in the vicinity of Tons thrust near Morar, Tons valley, Uttaranchal-Himacahal Pradesh, *Naga. Univ. Res. Jour* 3, pp72-79, 2005
10. Palaeoenvironmental significance of roundness, *Bull. Ind. Geol. Association*(1&2) 26-31, 2007
11. Palaeoenvironmental reconstruction of the Disang-Barail Transition, NW of Kohima, Nagaland, *Naga. Univ. Res. Jour.* 5, pp164-176, 2008
12. Search for provenance of Oligocene Barail sandstones in and around Jotsoma, Kohima, Nagaland, *Jour. Geol. Soc. Ind.* 77 (5), pp 433-442, 2011
13. Source of silica cement for the siliciclastics at Disang-Barail Transition, North –west of Kohima, Nagaland, India *Int. Jour. Earth Sci. and Engineering*, 6 (2), 386- 391, 2013
14. Petrography and Major Elements Geochemistry of Oligocene Barail Sediments in and around Jotsoma, Kohima, Nagaland *Gond. Geol. Mag.*, V. 28(2), December, pp.159-164, 2013.
15. Petrography and diagenesis of Palaeogene sandstones south of Kohima Town, Nagaland, India, *Int. Jour. Earth Sci. and Engineering*, 8(5), pp2025-2032, 2015
16. Petrography and Diagenesis of sandstones from Renji Formation in and around Piphima, Dimapur, Nagaland, India, *Jour. Progressive Sci. Soc.* 2015
17. Lithofacies Analysis of the Palaeogene sediments in parts of Kohima Synclinorium, Nagaland, India: Implications for the Depositional Environment *Himalayan Geology*, Vol. 38 (1), pp. 30-37, 2017
18. Tectono-sedimentary evolution of Laisong sandstones exposed in and around Pherima, Dimapur, Nagaland, *Jour. of Applied Geochemistry*, Vol. 19 (4), pp 471-479, 2017
19. Petrography and major element geochemistry of Palaeogene sandstones, south of Kohima town, Nagaland *Jour. of Applied Geochemistry*, Vol. 20 (1), pp 41-49, 2018.
20. Diagenetic environment of Barail Sandstones in and around Jotsoma Village, Kohima District, Nagaland, India, *Jour. Of Geoscience Res.*, Vol. 3 (1), pp 31-35, 2018
21. Trace fossils from Oligocene Barail sediments in and around Jotsoma, Kohima, Nagaland: Implications for palaeoenvironment, *Jour. of Palaeont. Soc.* 63(2), pp197-202, 2018

22. Provenance of the siliciclastics at Disang-Barail Transition, NW of Kohima: reflections from geochemical attributes. *Rusie*, pp 6-16, 2019.
23. Petrography of upper BhubanSurma sandstones in and around Patkai Bridge, Chumekedima, Dimapur, Nagaland. In *Recent advances in earth science research in north-east India*, (Editor: B.V.Rao), South-eastern Book Agency, Guwahati, ISBN: 978-93-89262-08-7, pp 101-115, 2021.
24. Diagenetic environment of the upper Disang sandstones along Dzu River section, Chakabama, Kohima, Nagaland. In: *New frontiers in earth Sciences: An insight into the Indo-Burman Ranges* (Editors: Tiwari & Bharali), South-eastern Book Agency, Guwahati, ISBN: 978-9-389-26209-4, pp 86-99, 2021.
25. Palaeoenvironmental significance of trace fossils from the Palaeogene sediments, south of Kohima town, Nagaland, India. *Jour. Palaeontological society of India*, 66(1), pp 55-65, 2021.
26. Mineral assemblages and Tectono-provenance of the Oligocene Barail sediments in parts of Naga Hills of the Assam-Arakan Orogenic Belt, Northeast India, *Geological Journal (Wiley Publications)* 1-17, <https://doi.org/10.1002/gj.4316>, 2021

#### *Excursion guide-1*

#### *Ph.D Supervision*

##### **Awarded**

1. Palaeoenvironmental reconstruction and Provenance studies of Barail sediments, West of Kohima town, Nagaland. Regd.No 587/2014, date: 20th May 2014 (*A.Moalong Kichu*)

##### **Under progress**

1. Depositional environment and Tectonic provenance of Palaeogene sediments in and around Botsa, Kohima District, Nagaland, Regd.No.564/2014, date 20th May 2014 (*Mrs.Ainela Ozokum*)
2. Provenance, Depositional Environment, and Diagenetic History of Barail sediments in parts of Belt of Schuppen, Nagaland, Regd.No.Ph.D/GEL/00089, (*Miss Olivia Richa*)

#### *M.Sc. Dissertation*(26)

#### *Membership of Professional Societies*

- i. Indian Science Congress Association, Kolkata (for 7 years)

- ii. Indian Association of Sedimentologists, Aligarh (Life member)
- iii. Progressive Science Society, U.P. (Life Member)
- iv. Gondwana Geological Society, Nagpur (Fellow, Life Member)
- v. Association of Petroleum Geologists, India (life member)

**Workshops/Faculty Development Programs/ Refresher/Orientation Courses/Industry-Academia meets**

1. e-Training on “Transect Mapping in the Nagaland-Manipur Ophiolite Belt” conducted by RTD, NER, GSITI, Shillong from 05.10.2020 to 09.10.2020.
2. International virtual workshop on global seismology and tectonics ,Conducted by Geoscience and Technology division, CSIR-NEIST, Jorhat ,September 14-25,2020.
3. Faculty development program E-learning content development and delivery system, Conducted by NIELIT, June 17-23,2020
4. Industry-academia interface, Geo India, organized by APG India, NCR-New Delhi,January 11-14, 2018.
5. Executive training Program on best Practices in Coalbed methane exploration and production organised by CSIR-CIMFR, Dhanbad ,January 9-13,2017.
6. Refresher course on Disaster Management, organised by HRDC, Allahabd University, January 9-29,2016
7. UGC- Sponsored Orientation program conducted by HRDC-NEHU,Shillong,30 May-26 June,2016.
8. Industry-academia interaction and technical deliberations, Geo India, organized by APG India, NCR-New Delhi,September 6-8, 2015.
9. Industry-Academia workshop on Upstream Geology and Geophysics conducted by Oil India Limited, Duliajan, March 7-9,2013
10. Workshop on Total quality education in Nagaland organised by NAAC & Nagaland Universty,27<sup>th</sup> April 2004.
11. School on Image processing, Pattern Recognition and their Application in Remote Sensing,conducted by Indian Statistical Institute at Kohima Science College,September 26-28,2001.
12. Workshop on Remote Sensing and GIS for Natural Resources Surveys in North-East India, Organized by Department of Mathematics, TezpurUniversity,July 20-23,2000.
13. DST sponsored short course on Applied Fluvial Geomorphology, Department of Applied Geology, Dibrugarh University,04-11, March 1999.

14. Resource person training workshop on Environmental education, organized by Centre for environment Education at Silchar, Assam, 28 Feb-2 March, **1994**.

***Research Projects Completed:***

Minor research projects: 2

Major Research Projects: 2

1. DST, Govt. of India sponsored Major project entitled 'Palaeogene Sedimentation in parts of Kohima Synclinorium: Changes through Time, Total cost **Rupees 41,29,600=00**
2. Oil India Limited sponsored major project entitled 'Depositional environment and its implication on the Cenozoic sediments of the Schuppen Belt of Nagaland: A sedimentologic and Remote sensing Approach' **Total cost Rs.34,78,640=00.**

***Seminar / Workshop Organized***

1. **Member**, Organizing Committee, National Seminar, Department of Geology, Nagaland University, November **2005**
2. **Coordinator**, Workshop for young Earth Scientists from Northeast India on sedimentation, tectonics and Geohazards, November **2015**
3. **Organizing Secretary**, National Seminar, Department of Geology, Nagaland University, November, **2016**
4. **Coordinator**: National workshop on Sequence Stratigraphy and Basin Analysis, Department of Geology, Nagaland University, November, **2018**

**Memberships to the various Boards of Studies/academic/administrative committees**

1. Governing body/Advisory board, Sazolie College, Kohima (12.12.2014-11.12.2017)
2. Board of Post-Graduate studies in Agronomy, Nagaland University, (24.02.2015-23.02.2018)
3. Board of Studies in Geology, Kohima Science College, Jotsoma (26.10.2015-25.10.2017)
4. Board of Under Graduate studies in Geology, Nagaland University (22.06.2016-21.06.2019)
5. School Board of Sciences, Nagaland University, (07.10.2016-06.10.2018)

6. Board of Studies in Geology, Kohima Science College, Jotsoma (04.05.2018-03.05.2020)
7. School Board of Sciences, Kohima Science College, Jotsoma (17.02.2020 for 2 years)
8. Governing body/Advisory board, Zisaji Presidency College, Kiphire (22.10.2018 for 3 years)
9. Board of Postgraduate studies in Botony, Nagaland University, Lumami (From 16.08.2021-)

**Administration: Warden**, Pauna Men's Hostel, Nagaland University, Kohima

**Examiner / Evaluator (M.Sc. / PhD):**Ph.D/M.Sc/B.Sc

**Editorial Board**

- 1.Member, Editorial board, Annual report, Nagaland University, Kohima(2004-2007)
- 2.Member, Editorial Board, Nagaland University Research Journal Spl.Publication, 20083.**Editor**,*Recent trends in earth Science Research with special reference to Northeast India*, 2016,*Today and Tomorrow printers and Publishers, New Delhi, ISBN81- 7019-552-3*

4. Member, Editorial Board, Journal of Progressive Science

**Reviewer** (Research Papers)

1. ActaGeochemica (*Springer Nature*)
2. Geological Journal (*Wiley Publications*)
3. International Journal of Environment and Earth Sciences, *UK*
4. Journal of International Science community Association, *Bhopal*
5. Edited volume, Department of Geology, *Nagaland University*
6. Journal of the Fazl Ali College, *Mokokchung*
7. Rusie, Kohima Science College, *Kohima*

**Miscellaneous**

1. Member, Nagaland University Court, Kohima, (for 3 years)
2. Station Superintendent, UGC-NET Exam, Kohima Centre, 2007

4. Convener, Yoga Committee, National Convention, SPICMACAY, Kohima, 2008

5. Co-chairperson, National seminar, Aizawl, 2014

6. Co-chairperson, National seminar, Sagar, 2019