

# Resume

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## **ACADEMIC QUALIFICATIONS:**

<b>Qualification</b>	<b>Board / University</b>	<b>Subject</b>	<b>Years</b>
Ph. D.	RTM Nagpur University	Geology	2008
SET	Pune University	Earth ATM Sciences (Geology)	2005
M. Sc.	RTM Nagpur University	Geology	2001

**Ph. D. Title:** "Neogene - Quaternary fossil calcareous algae and Ichnofossils from Porbandar district, Gujarat, India," has been awarded by RTM Nagpur University on 31<sup>th</sup> December 2008.

## **TEACHING EXPERINCE:-**

- 1.) Worked as a Contributory lecturer in Postgraduate Department of Geology, RTM Nagpur University, Nagpur (M.S.), since July 2001-June2004.
- 2.) Worked as a Lecturer in Geology (Contract), 28-09-2005 to 05-10-2006, Government of Maharashtra, Rajaram College, Kolhapur (MS), India.
- 3.) Working as a Assistant Professor in Geology (Full Time) in Department of Geology, Fergusson College, Pune- 411 004, since 06-10-2006 till now.

**Ph.D. SUPERVISION / GUIDANCE:**

Sr. No	Name of the Candidate	Title of Thesis	University	Date of Registration	Date of Award
1	Suyog A. Jagtap	Paleo-environmental study of Jurassic to Eocene sediments of Jaisalmer Basin: A multidisciplinary Approach	Rashtrasant Tukadoji Maharaj Nagpur University	17.06.2010	01.07.2014
2	Shashikant D. Raut	Fossil Calcareous Algae and Ichnofossils from the Quaternary sediments of Kachchh, Gujarat, India	Rashtrasant Tukadoji Maharaj Nagpur University	17.06.2010	28.07.2016
3	Vinay K. Sahay	Sedimentology, Micropalaeontology and Geochemistry of Naredi Formation (Late Palaeocene-Early Eocene), Kutch Basin, Gujarat, India	Rashtrasant Tukadoji Maharaj Nagpur University	06.12.2010	07.09.2017
4	Shivaji Kokate	Microfloral, Ichnofaunal and Geochemical changes across Palaeocene – Eocene Succession in Northwest Himalaya, India	Savitribai Phule Pune University	23.03.2018	Ongoing

**M.Sc. DISSERTATION GUIDANCE:**

Sr. No	Name of the Candidate	Title of Dissertation Thesis	Year
1	Choudhari Vishal	Sedimentological and Micropaleontological variation across Cretaceous-Paleocene succession, Ariyalur Basin, India	2018
2	Yawale Shyam	Sedimentological and Geochemical variation in the sediments of Manaveli and Cuddalore Formations, Puducherry Basin, India	2018
3	Bhalerao Akshay	Sedimentological studies of Marh Formation, Bikaner Basin, Rajasthan, Northwest India	2018
4	Memane Manoj	Sedimentological studies of Jogira and Kolayat Formation, Bikaner Basin, Rajasthan, Northwest India	2018

5	Rohit Soman	Micropaleontology and sedimentology of intertrappean of Deccan Volcanic Province, Vidarbha, Maharashtra, India	2017
6	Satpute Nikhil	Slope stability assessment and Geomechanical properties of sections exposed along Diveghat, Maharashtra	2017
7	Chimote Mugdha	Quaternary Geological studies along Godavari river , in and around Gangapur, Nashik district, Maharashtra	2017
8	Tembhurne Mrunali	Petrographic and Diagenetic studies of calcareous tufa from Chunakolvan area, Ratnagiri district, Maharashtra and to understand their palaeo-environmental significance	2017
9	Paranjape Aishwarya	Slope stability analysis of sections exposed along Bhor to Varandha, Maharashtra	2016
10	Pagare Anuja	Flow architecture of megacrystic marker horizon (M4), at Wai Ghat section, Pune, Maharashtra	2016
11	Yursam Yangya	Flow stratigraphy of the sections exposed along Narayanpur-Purander Ghat section, Purandar Taluka, Pune District, Maharashtra	2016
12	Madane Samadhan	Sedimentological and micropalaeontological studies of Mastani Lake sediments , Wadki, Pune	2014
13	Dalvi-Naik Pradeep	Sedimentary petrology and Paleo-algology of the Pleistocene-Holocene sediments of the Dwarka – Okha area, Gujarat, Western India	2012

### **PROJECTS COMPLETED:**

1. Sedimentological and Ichnological studies of Quaternary sediments of Porbandar area, Saurashtra, Gujarat. Funding agency: UGC WRO Pune (2007-2009)
2. Provenance study of the clastic and non-clastic sedimentary sequence of the Jaisalmer Basin, Western Rajasthan. Funding agency: UGC WRO Pune (2008-2010)

3. Palaeoalgal, Palichnological, Sedimentological and Neomorphic investigations from the Paleogene-Neogene Sediments of the Narmada block of the Cambay Basin Gujarat, India. Funding agency: UGC New Delhi (2009-2012)

4. Micropalaeontological and Palichnological investigation of the Penganga sediments along Adilabad-Chandrapur sector, India. UGC WRO Pune (2009-2011)

**PROJECT ONGOING:**

1. Fossil calcareous algae from Late Cretaceous to Early Eocene sediments of Pondicherry, South India. Funding agency: BCUD, Savitribai Phule Pune University (2016-2018)

**CONFERENCES ORGANIZED:**

1. International Conference in Recent Developments in Stratigraphy at Fergusson College, Pune, India in 2012 as Organizing Secretary

2. National Workshop on Emerging Trends in Stratigraphy at Fergusson College, Pune India in 2012 as Organizing Secretary

**PAPERS PUBLISHED:**

1. Sahay, V. K., Samant, B. and **Mude, S.N.**, (2016) Paleodepth and paleodepositional environment of green shale of Gypseous Shale Member (Naredi Formation), Kutch, western India, Indian Journal of Geosciences, Vol. 70 (2), pp. 153-160

2. Vinay Sahay, Bandana Samant and **Shyam Mude** (2016) A quantitative estimation of distance of landward migration of sea water which occurred about 49 million years ago in Kutch, Gujarat, India, International Basic and Applied Research Journal, Vol. 2 (6), pp. 1-4.

3. Vinay Sahay, Bandana Samant and **Shyam Mude (2016)** Palaeoclimatic Significance of Fungal Remains from Marine Green Shales of the Naredi Cliff Section (Early Eocene),

Kutch, Gujarat, India, International Basic and Applied Research Journal, Vol. 2 (5),pp. 10-15.

4. Sahay, V. K., **Mude, S.N. and** Samant, B (2015) Lithofacies and Depositional Environment of the Ferruginous Claystone Member Sediments of Naredi, Kutch, Gujarat, India, Indian Journal of Applied Research, Vol.5(2), pp. 268-270.

5. Sahay, V. K., **Mude, S.N. and** Samant, B (2015) The Early Eocene Naredi Cliff Section, Kutch Basin, Gujarat, India: Evidences of a Condensed Stratigraphic Section, International Research Journal of Earth Sciences, Vol.2 (6), pp. 12-15.

6. Kundal, P., Kundal, M., and **Mude, S. N.** (2014) Neogene-quaternary calcareous algae from Saurashtra basin, Western India: Implications on paleoenvironments and hydrocarbon exploration, Journal of Geological Society of India, Vol. 83 (2), pp.183-190

7. **Mude, S. N.,** Jagtap, S. A. and Kundal, P. (2014 ) Search for Generic Provenance and Petrographic Evolution of Sandstones, Bhadasar Formation (Middle Jurassic), Jaisalmer Basin, Rajasthan, India , International Journal of Advanced Earth Science and Engineering, Vol. 3(1), 114-121.

8. **Mude, S. N. and Kundal, P.** (2012) Additional Coralline algae from the Lower Miocene to Late Holocene Sediments of the Porbandar Group, Gujarat, Journal of Geological Society of India, Vol. 79. pp. 69-76.

9. **Shyam N. Mude,** S. D. Raut and Rajkumar Wagh (2012) Paleo-environmental Significance of Ichnofossils from the Bhuj Formation (Gondwana Sediments) of the Kachchh region, Northwestern India, World Journal of Environmental Biosciences, India , Vol. 1 (1) , pp. 25-29.

10. **Mude, S. N.** (2012). Microfossils from Neo-Proterozoic Limestones (Chanda Limestone) of the Penganga Group, Central India: Paleo-environmental Significance, World Journal of Environmental Biosciences, India, Vol. 1 (1), pp. 83-85.
11. **Mude, S. N.** (2012). Paleoenvironmental Significance of Ichnofossils from the Babaguru Formation of the Cambay Basin, Gujarat, India, the Journal of Geological Society of India, Universal Journal of Environmental Research and Technology, India, Vol. 2(1), pp. 52-57.
12. **Mude, S. N., Dalvi-Naik, P.A. and Wagh R.** (2012). Environmental Significance of coral-algal reef section exposed in well near Mithapur, Saurashtra, Western India. Universal Journal of Environmental Research and Technology, India, Vol. 2(1), pp. 36-40.
13. **Mude, S. N., Kundal, P., Jagtap, S. A., Sarkar, P. K. and M. P. Kundal.** (2012). Paleoenvironmental significance of ichnofossils from Mesozoic Jaisalmer Basin, Rajasthan, North Western India, International Academy of Ecology and Environmental Sciences, Hong Kong, Vol.2 (3), pp. 150-167.
14. **Mude, S. N.** (2011). Paleoenvironmental significance of ichnofossils from the Chaya Formation, Porbandar Group, southwest coast of India, Greener Journal of Physical Science, Vol. 1(1), pp. 29-36.
15. **Mude, S. N. and Kundal, P.** (2011). *Subterraniophyllum thomasii* Elliott, Fossil Calcareous Alga the evolutionary link between geniculate and nongeniculate coralline algae: A Hypothesis, Open Journal of Geology, USA, Vol.1(3), pp. 51-55.
16. **Mude, S. N.** (2011). Paleoenvironmental Significance of Ichnofossils from the Kand Formation of the Cambay Basin, Gujarat, India. International Academy of Ecology and Environmental Sciences, Hong Kong, Vol. 2(1), pp. 12-20.

**17. Mude, S. N.** (2012). Post Depositional Features from the Quaternary sediments of the Porbandar area, Gujarat, Western Coast of India, Indian Association of Sedimentologists, Vol. 30 (2), pp. 47-53.

**18. Mude, S. N.,** Sarkar, P. K., Ukey, M., and Jagtap, S. A. (2012). Ichnofossils from Ambalapuzha Formation (Mio-Pliocene), Varkala Cliff Section, Kerala, South India. Gondwana Geological Society, India, Sp.Vol. 13, PP.193-197.

**19.** Sarkar, P.K., **Mude, S. N.,** and Ukey, M (2011) Unusual death of Millipedes (Diploda) towards the north of the Varkala Cliff section near Papanasam, Kerala, India. Proceeding International Academy of Ecology and Environmental Sciences, Hong Kong, Vol. 1(2), pp. 145-150.

**20. Mude, S. N.** and Kundal, P. (2010) A note on rare structure of fossil coralline algae from the southwest coast of India. Journal of Geological Society of India, Vol.75, pp. 380-382.

**21.** Kundal P., and **Mude, S. N.** (2010) Amphiroa, A Geniculate Coralline Alga From Neogene-Quaternary Sediments of Porbandar Area, Gujarat, Journal of Palaeontological Society of India, Vol. No.55 (1), pp.37-44.

**22.** Sarkar, P.K. and **Mude, S. N.** (2010) Remnants of vertical and lateral migration of the entrapped volatiles and gases in the Deccan Trap Basalt at Bhaja, Maval Taluka of Pune District, Maharashtra, the Journal of Geological Society of India, Vol. 75, pp. 560-562.

**23.** Sarkar, P., and **Mude, S. N.** (2010) A report on a new site for the fresh water jelly fish *Craspedacusta Sowerbii* at an abandoned rock quarry at Kunnanpara near Trivandrum, Kerala, Current Science Vol.99 (9), pp.1165.

24. Sarkar, P.K., Sayyad, M.R.G., **Mude, S. N.**, and Ukey, M. (2010) Deformed and dragged red bole horizon near Pune, Maharashtra. *Current Science*, Vol. 100 (10), pp. 1488-1489.
25. **Mude, S. N.** and Sarkar, P. (2009) Post-depositional Features of limestone of Dinod Formation of the Narmada Block of the Cambay Basin, Gujarat, India. *Journal of Indian Association of Sedimentologists*, Vol. 27, Jan-June-2008, pp. 17-22.
26. Kundal, P. and **Mude, S. N.** (2009). Genuiculate coralline algae from Neogene-Quaternary sediments in and around Porbandar, southwest coast of India. *Jour. Geol. Soc. India*, V. 74(2), p. 267-274.
27. Kundal, P. and **Mude, S. N.** (2009). Nongenuiculate Coralline algae from the Lower Miocene to Late Holocene sequence of Porbandar area, Saurashtra, Western India. *Jour. Palaeo. Soc. India*. V. 54(1), p.73-80.
28. Kundal, P. and **Mude S. N.** (2008). Ichnofossils from Neogene-Quaternary Sediments of Porbandar Area, Saurashtra, Gujarat, India. *Jour. Palaeo. Soc. India*. V. 53(2), p.207-214.
29. Kundal, P. and **Mude, S. N.** (2005) Ichnofossils from Late Eocene to Early Miocene of Narmada block of Cambay basin, Gujarat. *Jour. Palaeo. Soc. India*. GJ V. 50(2), p. 177-182.
30. Humane S. K., **Mude S. N.**, Kundal, P and Dewalkar S. (2005) On Sedimentary structures in the Kamthi Sandstone of Bokhara area, Nagpur district, Maharashtra. *Quart. Jour. of GARC* . V. 13(4), p. 101-106.
31. **Mude, S. N.** (2005) An approach to study exposed Tertiary calcareous sediments from South Cambay basin and its paleoenvironment, Gujarat. *Quart. Jour. of GARC*, V. 16, No. 2, pp. 31-34.



**32.** Kundal, P. and **Mude, S. N.** (2004) Coralline algae from Lower Miocene Gaj Formation of Porbandar area, southwest coast of Saurashtra, India and their implication in paleoenvironment and paleobathymetry. Gond. Geol. Magz. V. 19, No. 2, pp. 159-164.

**33.** Marbate, R. and **Mude S. N.** (2003). Geological Investigation of the Ramtek to Wadegaon sector, Nagpur district, Maharashtra, Quart. Jour. of GARC . V. 11(4), pp. 77-78.

#### **AAPG'S STUDENT PROGRAM, CHAPTER, FERGUSSON COLLEGE, PUNE :-**

The candidate is nominated and selected as **Faculty advisor** for American Association of Petroleum Geologists, Inc, "Talsa, Oklahoma 74101 - 0979, USA and he has been given the responsibility to run AAPG's Student Program, Chapter, Fergusson College, Pune.

#### **Conferences / Workshops/ Symposiums:**

1. **Workshop** : Awareness Programme on Geoinformatics for Earth Science conducted at Department of Geography University of Pune sponsored by ISRO, during the period 18<sup>th</sup> to 20<sup>th</sup> December 2006.

2. **Workshop**: Revision of syllabus for S. Y. B.Sc. Geology conducted at Department of Geology, Fergusson College, Pune sponsored by University of Pune, during the period 3<sup>rd</sup> to 4<sup>th</sup> October 2008.

3. **Workshop**: Revision of syllabus for T. Y. B.Sc. Geology conducted by Department of Geology, Nawrojee Wadia College, Pune sponsored by University of Pune, during the period 25<sup>th</sup> to 27<sup>th</sup> June, 2009.

**Conference**: XXII Indian Colloquium on Micropaleontology and Stratigraphy organized by Department of Geology, National College, Trichinopallii, during the period 2009

4. **Workshop**: Use of Remote sensing and Geographic Information System in Geosciences, conducted at Sinhgad College of Science, Vadgoan(BK) during the period 17<sup>th</sup> to 18<sup>th</sup> September, 2010.

5. **Conference:** GEO India 2011- The 2<sup>nd</sup> south Asian Geo-Sciences conference and Exhibition conducted at the Indian Expo-Center and Mart, Greater Noida, New Delhi, Sponsored by Oil and Natural Gas Commission , during the period 12<sup>th</sup> to 14<sup>th</sup> January , 2011.

6. **Workshop:** Energy Conservation and Environmental Protection, organized by Department of Environmental Science, Fergusson College, Pune and Petroleum Conservation Research Association, Mumbai, on the 20<sup>th</sup> July 2011.

7. **Conference:** Recent Developments in Geology, Mineral and Groundwater Resources of India, conducted by Postgraduate Department of Geology, Institute of Science, Aurangabad, during the period 11<sup>th</sup> to 12<sup>th</sup> February 2011.

8. **Conference:** XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium on Global Bio-events in the Earth History, organized by Department of Geology, Bangalore University, Bangalore and Geological Society of India, Bangalore, Karnataka, during the period 9<sup>th</sup> to 11<sup>th</sup> December 2011.

9. **Conference:** GEO India 2018- The 4<sup>th</sup> South Asian Geosciences conference and Exhibition conducted at the Indian Expo-Center and Mart, Greater Noida, New Delhi, Sponsored by Oil and Natural Gas Commission , during the period 6<sup>th</sup> to 8<sup>th</sup> September , 2018.

#### **MEMBERSHIP OF SCIENTIFIC ORGANISATIONS:-**

- ❖ Associate Member of "The American Association of Petroleum Geologist, Inc, "Talsa, Oklahoma 74101 - 0979, USA.
- ❖ Life-Member of "The Geological Society of India", Bangalore, India.
- ❖ Life-Member of "The Palaeontological Society of India", Lucknow, India.
- ❖ Life-Member of "The Gondwana Geological Society of India", Nagpur, India.
- ❖ Life-Member of "The Himalayan Geology", Dehra Dun, India.
- ❖ Former Member of "The Palaeontological Association" Institute of Earth Studies, Univ. of Wales, Aberystwyth, dyfed, SY23 3DB, UK.
- ❖ Former Member of "The Geological Association and Research Centre", Balaghat, MP, India.

DR. SHYAM N. MUDE