

Curriculum Vitae

Personal Data:

Name : Dr.N.Malarkodi
Designation : Professor
Address (Office) : Department of Geology
Bangalore University
Bangalore -560 056
KARNATAKA STATE, INDIA
Date of Birth : 29th August 1968
Nationality : Indian
Email : malargeo@rediffmail.com; nallamuthumalarkodi@gmail.com
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Academic Qualifications:

Degree	Subjects	Year of Passing	University
M.Sc.	Geology	1991	Bangalore University
Ph.D.	Geology	1998	Bangalore University
SLET	Earth Science	1998	Qualified

Professional Record

Period	Place of Employment	Designation
28/08/92 – 30/06/97	Dept. of Geology, Bangalore University	Research Scholar
28/07/98 – 28/06/2002	Dept. of Geology, Bangalore University	Lecturer in Geology
28/06/02 – 28-06-2007	Dept. of Geology, Bangalore University	Senior Gr. Lecturer in Geology
28/06/2007 – 14-07-2014	Dept. of Geology, Bangalore University	Associate Professor
14-07-2014 –till today	Dept. of Geology, Bangalore University	Professor

Academic experience : 18 years of Post graduate teaching; 2 yrs UG teaching

Field of specialization : Micropaleontology & Stratigraphy and Sequence Stratigraphy,

Research Experience : 25 years

Thrust areas : K/T boundary studies from Cauvery Basin and Krishna Godavari Basin, Deccan Volcanism and Mass extinction, PETM studies.

Research Projects completed: 03

Collaborative Research Work

- Collaborating with Geoscience Department of Princeton University, New Jersey, USA with Prof. Gerta Keller on Deccan Volcanism, K/T boundary problem and Mass Extinction.

Candidates for the Ph.D. programme: 5

M.Sc., Dissertations in Micropaleontology: 19

Membership in Scientific Societies

- Life member - Indian Geological Congress
- Life member – Journal Geological Society of India
- Life Member - Indian Science Congress Association
- Life Member –Mineralogical Society of India

Country Visited

- Visited BRAZIL to attend the **International Symposium on Foraminifera (FORAM 2006)** held at Natal, Rio de Grande, from 10-15th September 2006 and presented the research paper. Sponsored by Bangalore University, Bangalore – 560 056
- Visited USA Geoscience Department of Princeton University, New Jersey, USA during 2009 for collaborative research work supported by the US National Science Foundation 's Sedimentary Geology and Paleobiology Program and Office of International Science & Engineering 's India Program under NSF Grant EAR-0750664.
- Visited USA Geoscience Department of Princeton University, New Jersey, USA during 2010 for collaborative research work supported by the US National Science Foundation 's Sedimentary Geology and Paleobiology Program and Office of International Science & Engineering 's India Program under NSF Grant EAR-0750664.
- Visited London. UK Natural History Museum during March 26th to 2nd April 2013 to attend the International Conference on Deccan Volcanism, Impact event and Mass Extinction and presented a research paper. Sponsored by Bangalore University, Bangalore.

List of publications

1. Malarkodi, N. and Nagaraj, H.M. (1997). Palaeocene foraminifera from the Ariyalur area, southern India. *Palaeobotanist*, vol. 46, no. 1&2, pp. 177-185.
2. Malarkodi, N. and Nagaraj, H.M. (1998). Genus *Thalmanita* (foraminifera) from the Niniyur Formation (Palaeocene) Ariyalur area, South India. *Jour. Geol. Soc. Ind.* vol. 51, pp.361-366.
3. Malarkodi, N. and Nagaraj, H.M. (2000). Lower Tertiary Foraminifera from the Niniyur Formation Cauvery Basin, southern India. *Bull. ONGC, Ltd.*, vol.37, no.2, p. 39-47, 3 figs., 2 plts.
4. Malarkodi, N. (2006). Foraminiferal Biostratigraphy of Upper Cretaceous-Lower Tertiary Succession of Cauvery Basin, Southern India - An Over View. (With Mallikarjuna, U.B, Nagesh, P.C.). *Anuario do Instituto de Geosciences – UFRJ*, vol. 29-1/2006 p.659-660.
5. Malarkodi, N. (2009). Palaeoecological Significance of Turrilline Dominated Gastropod Assemblage from The Infratrappean Beds of Rajahmundry Area, Andhra Pradesh. (With P.J. Fayazudeen and U.B. Mallikarjuna). *Jour. Paleon. Soc. India*, vol. 54(2), pp. 159-164.
6. Malarkodi, N. (2009). Paleoenvironmental Significance of Trace fossils from the Palaeocene sediments of the Pondicherry area, South India. (With S.J. Patel, P.J. Fayazudeen and U.B. Mallikarjuna). *Jour. Geol. Soc. India*, vol. 74(2), pp. 738-748.
7. Malarkodi, N. (2010). Sequence Stratigraphy of Soma Quarry Section, Near Gowripatnam Rajahmundry Area, Andhra Pradesh. (With P.J. Fayazudeen and U.B. Mallikarjuna). *Jour. Geol. Soc. India*, vol. 76, pp.111-118.
8. Malarkodi, N. (2010). Foraminifera from the early Danian Intertrappean beds in Rajahmundry Quarries, Andhra Pradesh, SE India. (With Keller G., P.J. Fayazudeen and U.B. Mallikarjuna). *Jour. Geol. Soc. India*, vol. 75, pp.851- 863.
9. Malarkodi, N. (2013). Chicxulub impact spherules in the North Atlantic Caribbean: age constrains and Cretaceous-Tertiary boundary hiatus. (With Gerta Keller and others) Cambridge University, *Geol. Mag.* 150 (5), 2013, pp. 885–907.
10. Malarkodi, N (2013). Palaeocene to early Eocene Planktonic Foraminifera of the Pondicherry area, South India, Special publication of the Proceedings of XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium of Global Bio events on earth History. *Sp.publ.Geol.Soc.Ind.Vol.No.1*. P. 230—242
11. Malarkodi, N (2013). Terminal Maastrichtian age calcareous Nannofossils preceding K/T mass extinction from Ariyalur Formation, Vridhhachalam area, South India. Special publication of the Proceedings of XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium of Global Bio events on earth History *Sp.publ.Geol.Soc.Ind.Vol.No.* P. 284-290.
12. Malarkodi, N (2013). Edited a Special publication of XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium of Global Bio events on earth History Edited a Special volume of the Geological Society of India No. 1, 338pp.

13. N. Malarkodi* Planktic Foraminifera from the Niniyur Formation, Cauvery Basin, Southern. India. Int. Jour. Sci. Res. vol.3, (6), pp. 20-31, June (2014) ISSN 2278 -8271 3.358
14. N. Malarkodi*, Planktic Foraminifera from Vridhachalamarea, Cauvery Basin, South India. . Int. Jour. Sci. Res., vol.3 (6), pp. 31-35, June (2014)
15. N. Malarkodi* Nummulites (Foraminifera) from Pondicherry area and Paleobiogeographic Implications. Int. Jour. Sci. Res., vol.3(6), pp.58-61, June (2014)
16. N. Malarkodi* Genus Paratorialia (Foraminifera) from the Niniyur Formation (Palaeocene) South India, Cauvery Basin. Int. Jour. Sci. Res. vol.3(6), pp.662-663, June (2014).
17. N. Malarkodi* Sequence Stratigraphy of Paleocene Sediments of Pondicherry area, Cauvery Basin, South India, Tamil Nadu. vol.3(7), pp.401-403, July (2014)

Miscellaneous (Notes /review/obituary)

1. **Malarkodi, N.** FORAM – 2006 - Journal of the Geological Society of India, vol. 69, no.4, p.875.

List of Abstracts

1. **Malarkodi, N.** (1996), Foraminifera from the Niniyur Formation (Palaeocene) of the Cauvery basin, Tamilnadu, South India. (With Nagaraja, H.M., and Mallikarjuna, U.B). 15th Ind. Colloq. on Micropal. & Strat., Dehradun. Abstract Vol. P.18.
2. **Malarkodi, N.** and Nagaraj, H.M. (1998). Planktonic foraminifera and Biostratigraphy of the Niniyur Formation (Lower –Tertiary) Ariyalur area, southern India. XI Convention, Ind. Geol. Cong. Univ. Mys. Mysore, P.10-11.
3. **Malarkodi, N.** (2002) Recent Fresh Water Ostracodes from Bangalore, Karnataka,India. (With Mallikarjuna, U.B., McKenzie, K.G., Nagaraja, H.M., Nagesh, P.C. and Mariappa, M.C.),. 18th ICMS., Nagpur. Abstract Vol. P. 50.
4. **Malarkodi, N** (2002). Depositional environment of Niniyur Formation (Palaeocene), Cauvery basin, Tamilnadu; the sedimentological and palaeontological evidences. (With Mallikarjuna, U.B., Nagaraja, H.M., Nagesh, P.C. and Mariappa, M.C.) 18th ICMS., Nagpur. Abstract Vol. P. 49.
5. **Malarkodi, N.**, (2003). Genus Pararotalia (Foraminifera) from the Niniyur Formation (Palaeocene), Ariyalur area, South India. (With Mallikarjuna, U.B. and Nagesh, P.C.).19th ICMS., Varanasi. Abstract. Vol. P. 35.
6. **Malarkodi, N.** (2005). Palynofossil studies of Shahabad and Halkal Formations of Bhima Group, Southern India. (With Srikantamurthy, Khadar Pasha, A., Mallikarjuna, U.B.). XX ICMS, Andhra University, Visakhapatnam. Abstract Vol. pp. 104.
7. **Malarkodi, N.** (2005). Distribution of Recent Freshwater ostracodes from Bangalore, Karnataka, India. (With Mallikarjuna, U.B, Vaidya A.S., Nagesh, P.C.). XX ICMS, Andhra University, Visakhapatnam. Abstract Vol. pp. 57.
8. **Malarkodi, N.** (2005). Further ostracodes from the Inter-trappeans Beds near Rajahmundry, Andhra Pradesh, India. (With Swamy, R.T., Nagesh, P.C., Raju M.V.M.,

- Mallikarjuna, U.B.), XX ICMS, Andhra University, Visakhapatnam. Abstract Vol. pp. 113.
9. **Malarkodi, N.** (2006). Foraminiferal Biostratigraphy of Upper Cretaceous-Lower Tertiary Succession of Cauvery Basin, Southern India - An Over View. (With Mallikarjuna, U.B, Nagesh, P.C.). Anuario do Instituto de Geociencias – UFRJ, vol. 29- 1/2006 p.659-660.
 10. **Malarkodi, N.** (2007). Paleocological significance of Turritella Dominated Assemblages in the Inter-trappeans Beds near Rajahmundry, Andhra Pradesh, India. XXI ICMS, BSIP, Lucknow. Abstract Vol. pp.
 11. **Malarkodi, N.** (2007). Sequence stratigraphic study of Doddukuru Sequence of Gowripatnam quarry section of the Inter-trappeans Beds near Rajahmundry, Andhra Pradesh, India. XXI ICMS, BSIP, Lucknow. Abstract Vol. pp.
 12. Niniyur Foraminifera International conference -Environmental Micropalaeontology, Microbiology & Microbenthology organized by Department of Applied Geology, University of Madras, Chennai during 17th -25th February, 2008.
 13. **Malarkodi, N.** (2009). Foraminifera from the early Danian Intertrappean beds in Rajahmundry Quarries, Andhra Pradesh, SE India. (With P.J. Fayazudeen and U.B. Mallikarjuna). International Seminar on Marine sediments, 5-7th October Abstract Vol. pp. 90.
 18. **Malarkodi, N.** (2013). Foraminifera from the Lower Tertiary sediments of Vridhachalam area, Cauvery Basin, Southern India. November 18-21. XXIV Indian Colloquium on Micropaleontology & Stratigraphy (ICMS)
 19. **Malarkodi, N.** (2013). What caused the End-Cretaceous Mass Extinction: Evidence from the Chicxulub Impact and Deccan Volcanism November 18-21, XXIV Indian Colloquium on Micropaleontology & Stratigraphy (ICMS)
 20. **Malarkodi, N.** (2015). Biostratigraphy, Palaeoenvironment and Paleogeography of Palaeocene Sediments of Cauvery Basin, Tamil Nadu, South India. National conference on Paleogene of Indian subcontinent Lucknow, 23-24th April,
 21. **Malarkodi, N.** (2015). Orbitoidal/Orbitoidiform Larger Benthic Foraminifera of Upper Cretaceous Shallow Marine Sequences of the Trichinopoly, Cauvery Basin, Southeast India: A biometric approach and paleobiogeographic synthesis. XXV INCMS, Institute of Science, Aurangabad, 18th -20th December, Abstract volume, pp60.
- ***Edited a Special volume of the Geological Society of India***, Special publication, XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium of Global Bioevents on earth History, (2013) No. 1, p. 1-338, ISBN No. 978- 93-80998-08-4, (Chief Editor)

Reviewer for the research Journals of

1. World Applied Science Journal (WASJ-2011-2992), 18 Oct 2011, Tehran, Iran.
2. Journal of Geological Society of India
3. Environmental Monitoring and Assessment - EMAS-D-13-02078
4. Regional studies in Marine Sciences, Elsevier B.V., Radarweg 29, 1043 NX Amsterdam, The Netherlands, Reg. No. 33156677.

Adjudicated Ph.D. thesis of Geology from Other Universities

1. Madras University, Chennai
2. Periar University, Salem
3. Bharathidasan University, Tiruchirapalli

Delivered invited lectures / key note addresses at:

1. Origin of Life through time, vocational class for school children, Bangalore 2010
2. Palaeocene foraminiferal Biostratigraphy of Cauvery Basin, Tamil Nadu, South India. 2011
3. Micropaleontological techniques, Workshop 2011
4. What caused The End-Cretaceous Mass Extinction: Evidence from Chicxulub & Deccan Volcanism 2013
5. Application of Micropaleontology in Hydrocarbon exploration, GSI, IESO, 2014
6. Significance of fossils GSI, IESO, 2014

Academic participation (BOS/BOE/BOA/etc.):

- BOE Chairman for PG Geology, BUB
- BOE Chairman for UVCE, BE Civil Engineering (UG) professional course.
- Deputy/Assistant Custodian for UG/PG examinations.,
- Squad for PG examinations
- BOE Member in different Universities of Karnataka
- Member of Science faculty, Bangalore University,
- SC/ST LIC Review Committee Member, Bangalore University, Bangalore – 560 056.
- Nominated Member in the pre-examination confidential meeting in the subject Earth, Atmospheric, Ocean & Planetary Sciences, Examination Unit, Human Resource Development Group (HRDG), Council of Scientific and Industrial Research (CSIR) 2011
- IQAC Committee Member
- Governing Council Member for Colleges 2015-16

Extension and Co-curricular Related Activities

- Field Tour to Master degree students during 2013
- Field work to Master degree Dissertation students during 2007-13
- Field work to Research students (JRF) 2007-13
- Field work with Foreign Research Collaborator during 2009 - 12

Workshop/conference Organised

1. Organised a three-days (4th -6th November 2004) **National Workshop on “Sequence Stratigraphy”**, at the Department of Geology, Bangalore University, Bangalore- 560 0546 (Convener).

2. Organised one-days (8th December 2011) Pre –Colloquium Workshop on –Recent Trends in Micropalaeotology and Stratigraphy as a Convener in the Department of Geology, Bangalore University, Bangalore (Convener).
3. Organised three-days (9-11 December 2011) XXIII Indian Colloquium on Micropaleontology and Stratigraphy as a Convener in the Department of Geology, Bangalore University, Bangalore (Convener).
4. Organised three-days (9-11 December 2011) Parallel International Symposium (with XXIII ICMS) on Global Bioevents in the on the Earth History as a Convener in the Department of Geology, Bangalore University, Bangalore (Convener).

Seminars, Conferences, Symposium, Workshop, Refresher Course, Winter/Summer Schools etc., Attended

1. Attended Workshop on Micropaleontological studies and their applications, organized by the Department of Geology, University of Madras, Chennai, during 26th to 29th March, 1993.
2. Attended XIVth Indian Colloquium on Micropaleontology and Stratigraphy, organized by the Department of Geology, University of Madras, Chennai, during 16th to 18th March, 1994.
3. Attended VIIth National Workshop on Electron Microscopy, organized by the Regional sophisticated Instrumentation Centre, Panjab University, Chandigarh, during 2nd to 8th January, 1995.
4. Attended XV the Indian Colloquium on Micropaleontology and Stratigraphy, organized by the Oil and National Gas Corp. Ltd., and Wadia Institute of Himalayan Geology, Dehra Dun during 1st to 3rd July, 1996.
5. Attended the Golden Jubilee conference on Physical and Biological changes across the major Geological Boundaries, Birbal sahani Institute of Paleobotany, Lucknow, during 15th to 17th November, 1996.
6. Attended the International Seminar on Recent Advances in the study of Cretaceous section, organized by ONGC Ltd. Madras during 6th to 12th January, 1998.
7. Attended XVI the Indian Colloquium on Micropaleontology and Stratigraphy, organized by National Institute of Oceanography, Dona Paula, Goa, during 22nd to 25th January, 1998.
8. Attended XI Convention of Indian Geological Congress, organized by the Department of Geology, University of Mysore, Mysore, during 4th to 6th February, 1998.
9. Attended the Indian Science Congress organized by Bangalore University and Indian Institute of Science, Bangalore, during 3rd to 5th January, 2003.
10. Attended the UGC sponsored Refresher Course in Geology on _Recent Trends in Micropalaeontology and Stratigraphy, organized by the Department of Geology, Bangalore University, Bangalore during 1-02-99 to 22-02-1999.
11. Attended the DST sponsored Contact Programme on Sequence Stratigraphy organized by the Society of Petroleum Geophysicists Dehradun, during 23rd to 27th August, 1999.
12. Attended the workshop on Computer Applications conducted by the Bangalore University for the Bangalore University Teachers at the Indian Institute of Science during 2-11-2000 to 10-11-2000.

13. Attended the UGC Sponsored Refresher Course in Applied Geology, on Geo-information Science organized by the P.G. Studies and Research in Applied Geology, Kuvempu University, during 21-11-2001 to 11-12-2001.
14. Attended the one-day user orientation programme on E-Resources under UGC- INFONET, conducted jointly by INFLIBNET Ahmedabad and Bangalore University Library, Bangalore, during 8-04-2004.
15. Organized the National Workshop on Sequence Stratigraphy, Department of Geology, Bangalore University, Bangalore, during 4th -6th November 2004.
16. Attended the International Seminar on Geoinformatics- 2004, conducted by the Department of Studies in Geology, University of Mysore during 13th -14th December, 2004.
17. Attended the XX Indian Colloquium on Micropaleontology and Stratigraphy organized by the Department of Geology, Andhra University, Visakhapatnam, during 24th to 26th October, 2005.
18. Attended the DST sponsored programme on Field Workshop and Contact Programme on Sequence Stratigraphy at Hotel Ajanta, Trichy, during August 18th to 21st 2005.
19. Attended a National workshop on Concepts in Stratigraphy and Palaeontology organized by Agarkar Research Institute, Pune, during 26th -29th June 2006.
20. Attended the International symposium on Foraminifera –FORAMS 2006, held in Natal, Rio Grande do Norte, Brazil, during September 10th to 15th, 2006.
21. Attended workshop on Integrated stratigraphy and Geochronology of Cretaceous sediments organized by the Department of Geology, Anna University, Chennai during 6th December, 2006.
22. Attended 23rd Annual Convention of Indian Association of Sedimentologists and National seminar on Environmental and Economic significance of sedimentary Basins of India, organized by the Department of Geology, Anna University, during 7-8th December, 2006.
23. Attended the IGCP 507 (International Geological Correlation Programme) Field workshop at Rajahmundry Intertrappeans of Godavari Basin organized by the Geological Survey of India, Hyderabad, during 9th to 10th December, 2006.
24. Attended the DST PAC-ESS Meeting for the presentation of research project proposal submitted to DST, organized by M.S. University, Baroda, during 19-20th July, 2007.
25. Attended UGC sponsored Sensitization workshop on —Capacity Building for Women Managers in Higher Education organized by the UGC Centre for Women 's Studies, Bangalore University, Bangalore from 3rd -7th September 2007.
26. Attended the IGC Convention and National Seminar held at Karnatak University, Dharwad, during 27th -29th Sept. 2007.
27. Attended the XXI ICMS held at Birbal Sahni Institute of Palaeobotany, Lucknow, during 16th -17th November, 2007.
28. Attended the UGC sponsored National Seminar on Coastal Zones of India organized by the PG & Research Department of Geology, National College, during 6th -7th December 2007.
29. Attended the fifth International conference –Environmental Micropalaeontology, Microbiology & Microbenthology organized by Department of Applied Geology, University of Madras, Chennai during 17th -25th February, 2008.

30. Attended X convention of the Mineralogical Society of India and National Seminar on Crustal Evolution and associated mineralization organized by the Department of Geology, Bangalore University, Bangalore during 3rd - 4th December, 2008.
31. Attended the DST Brain Stroming Session organized by the Department of Earth Science IIT Roorkee, Kharagpur at INSA, Delhi during November 2009
32. Attended National Symposium on Geological Processing, Mineral and fossil fuel exploration. Golden Jubilee (1959-2009) celebration of Mineralogical Society of India UGC sponsored National Symposium on Environmental Geology organized by te Department of Geology, Anna University, Chennai during 26th -28th 2009.
33. Attended the Workshop on organized by the PG & Research Department of Geology, National College, during 14th - 15th December, 2009.
34. Attended the XXII Indian Colloquium on Micropaleontology and Stratigraphy organized by the PG & Research Department of Geology, National College, during 16th - 18th December, 2009.
35. Attended the subject based Vision Group Meeting Science and Technology Research in Karnataka State Universities for Geological and Environmental Science organized by the Department of Geology, Bangalore University during 18-19th March 2010.
36. Attended the 22nd Group Monitoring Meeting (GMM) at HNB Garhwal University, Srinagar Grahwal during 11-12th Nov, 2010.
37. Attended the National Seminar on Geology, Mining, Processing Metallurgy and Environmental Issues of Economic Mineral Deposits (GEOPME) organized by the Department of Mineral Processing, PG Centre, Nandhihalli, Sandur, during 30th April to 1st May 2011.
38. Attended one-days (8th December 2011) Pre –Colloquium Workshop on –Recent Trends in Micropalaeotology and Stratigraphy| organized by the Department of Geology, Bangalore University, Bangalore.
39. Attended three-days (9-11 December 2011) XXIII Indian Colloquium on Micropaleontology and Stratigraphy| organized by the Department of Geology, Bangalore University, Bangalore.
40. Attended three-days (9-11 December 2011) Parallel International Symposium (with XXIII ICMS) on Global Bio events on the Earth History| organized by the Department of Geology, Bangalore University, Bangalore.
41. Attended three-days (March 28th to 30st 2013) International Conference on Deccan Volcanism, Impact event and Mass Extinction at London. UK Natural History Museum.
42. Attended XXIV Indian Colloquium on Micropaleontology and Stratigraphy at Dehradun. Wadia Institute of Himalayan Geology, Dehra Dun during 18th to 20th November 2013.
43. Attended Industry - Academia workshop entitled —Recent Trends in Oil and Gas Exploration Technology organized by ONGC Academy, Dehra dun during 17th 21st November 2014 at ONGC, Chennai.
44. Attended XXV Indian Colloquium on Micropaleontology and Stratigraphy at Post Graduate Department of Geology, Institute of Science, Aurangabad during 18th- 20th December, 2015.
45. Attended a GEOSCIENCE FORUM - INDIA organized jointly by Geological Society of India at Department of Mines and Geology, Khanija bhavan, Bangalore on 5th March 2016.