

Dr. Dinesh Kumar Naik
Assistant Professor
Department of Geology
Institute of Science
Banaras Hindu University
Varanasi 221005, India



Email: dnaik.geo@bhu.ac.in; dinesh.dugl@gmail.com

Mob. No: +91-9923371119/+91-8004965883

https://www.bhu.ac.in/Site/FacultyProfile/55_153?FA000168

<https://scholar.google.com/citations?user=Oz-ZNxoAAAAJ&hl=en&authuser=2>

<https://www.researchgate.net/profile/Dinesh-Naik-2/research>

<https://www.scopus.com/authid/detail.uri?authorId=55754436700#tab=metrics>

Google Scholar

Citations: 541 (9th Oct 2025)

h-index: 11

Educational Qualification:

Degree	Board/University	Institution Name	Year
Ph.D.	Goa University	CSIR-National Institute of Oceanography, Goa	2017
M.Phil. (Geology)	University of Delhi	Department of Geology	2011
M.Sc. (Geology)	University of Delhi	Hansraj College, Delhi	2008
B.Sc. (Hons.) Geology	Sambalpur University	Govt. College Sundargarh	2005

Specialization:

- Micropaleontology, Paleoclimatology, Paleoceanography, Paleolimnology, Biodiversity Assessment and Monitoring of Emerging Environmental Pollutants

Publications:

- Das, P., P.K. Mohanty, D. Maharana, **D.K. Naik***, M. Kumar, J.N. Swain and B.S. Kholia, 2025. Assessment of Buoyant Plastics in the Andaman and Nicobar Archipelago: Seasonal Dynamics, Source Attribution, Polymer Characterization, and Adverse Impacts. *International Journal of Environmental Research*, Volume 19, Issue 5, Article 191. **(IF: 3.5)**
- Fathima, R., R. Saraswat, S.R. Bhadra, **D.K. Naik**, and T. Suokhrie, 2025. A strong influence of the precession and northern high latitudinal climate on the monsoon seasonality and productivity in the Andaman Sea. *Global and Planetary Change*, 254, p.105017. **(IF: 4.0)**
- Anjali, K., T. Suokhrie, R. Saraswat, S.R. Kurtarkar, **D.K. Naik**, D.P. Singh and R. Dubey, 2025. Assessing the ecological preferences of planktic foraminifera from the south-eastern Arabian Sea. *Deep Sea Research Part II: Topical Studies in Oceanography*, 223, p.105527. **(IF: 3.0)**
- Kumar, M., **D.K. Naik***, D. Maharana, M. Das, E. Jaiswal, A.S. Naik and N. Kumari, 2024. Sediment-associated microplastics in Chilika lake, India: Highlighting their prevalence, polymer types, possible sources, and ecological risks. *Science of The Total Environment*, 914, p.169707. **(IF: 8.0)**
- Saraswat, R., T. Suokhrie, **D.K. Naik**, D.P. Singh, S.M. Saalim, M. Salman, G. Kumar, S.R. Bhadra, M. Mohtadi, S.R. Kurtarkar, and A.S. Maurya 2023. Large freshwater-influx-induced salinity gradient and diagenetic changes in the northern Indian Ocean dominate the stable oxygen isotopic variation in Globigerinoides ruber. *Earth System Science Data*, 15(1), pp.171-187. **(IF: 11.6)**
- Bhadra, S.R., R. Saraswat, S. Kumar, S. Verma and **D.K. Naik** 2023. Mid-Pleistocene transition altered upper water column structure in the Bay of Bengal. *Global and Planetary Change*, p.104174. **(IF: 4.0)**
- Saraswat, R., D.P. Singh, David W. Lea, A. Mackensen, **D.K. Naik** 2019. Indonesian throughflow controlled the westward extent of the Indo-Pacific Warm Pool during glacial-interglacial intervals. *Global and Planetary Change* 183, 103031. **(IF: 4.0)**

- Raza, M.A., R. Saraswat, S.R. Bhadra, **D.K. Naik**, N. Khare, P. Govil, A. Mazumder 2018. Inverted sediments in the coastal Antarctic lake: Evidence of paleostorm? *Polar Science*. doi:10.1016/j.polar.2018.04.002 (IF: 2.0)
- Singh, D.P., R. Saraswat, **D.K. Naik** 2017. Does glacial-interglacial transition affect sediment accumulation in monsoon dominated regions? *Acta Geologica Sinica* 91, 801-840. (IF: 3.7)
- **Naik, D.K.***, R. Saraswat, D.W. Lea, S.R. Kurtarkar, A. Mackensen 2017. Last glacial-interglacial productivity and associated changes in the eastern Arabian Sea, *Palaeogeography, Palaeoclimatology, Palaeoecology* 483, 147-156. (IF: 2.7)
- Singh, D.P., R. Saraswat, **D.K. Naik**, R. Nigam, 2017. A first look at factors affecting aragonite compensation depth in the eastern Arabian Sea. *Palaeogeography, Palaeoclimatology, Palaeoecology* 483, 6-14. (IF: 2.7)
- Saraswat, R, **D.K. Naik**, R. Nigam, A. S. Gaur 2016. Timing, cause and consequences of mid-Holocene climate transition in the Arabian Sea. *Quaternary Research* 86, 2, 162-169. (IF: 2.0)
- Clemens, S.C., Kuhn, W., LeVay, L.J., Anand, P., Ando, T., Bartol, M., Bolton, C.T., Ding, X., Gariboldi, K., Giosan, L., Hathorne, E.C., Huang, Y., Jaiswal, P., Kim, S., Kirkpatrick, J.B., Littler, K., Marino, G., Martinez, P., **Naik, D.**, Peket, A., Phillips, S.C., Robinson, M.M., Romero, O.E., Sagar, N., Taladay, K.B., Taylor, S.N., Thirumalai, K., Uramoto, G., Usui, Y., Wang, J., Yamamoto, M., and Zhou, L., 2016. Indian Monsoon Rainfall. Proceedings of the International Ocean Discovery Program, 353: College Station, TX (*International Ocean Discovery Program*). <http://dx.doi.org/10.14379/iodp.proc.353.2016>
- Kurtarkar, S., R. Saraswat, R. Nigam, B. Banerjee, R. Mallick, **D.K. Naik**, D.P. Singh 2015. Assessing the effect of calcein incorporation on physiological processes in benthic foraminifera. *Marine Micropaleontology* 114, 36-45. (IF: 1.6)
- **Naik, D.K.**, R. Saraswat, N. Khare, A.C. Pandey, and R. Nigam 2014. Hydrographic changes in the Agulhas Recirculation Region during the late Quaternary, *Climate of the Past* 10, 745-758. (IF: 3.2)
- Saraswat, R., D.W. Lea, R. Nigam, A. Mackensen, **D.K. Naik** 2013. Deglaciation in the tropical Indian Ocean driven by interplay between the regional monsoon and global teleconnections, *Earth and Planetary Science letters* 375, 165-177. (IF: 5.1)

Project Awarded:

- Institution of Eminence (IoE) Seed Grant, Institute of Science, Banaras Hindu University, Varanasi for the year 2020-2024 (₹ 10 L)
(Title of the project: Reconstruction of decadal scale climate variability from core sediment record of Chilika lake)
- Additional support under “Seed Grant” IoE for the year 2024-25 (₹ 5 L)

Ph.D. Student:

- Mohit Kumar (Admission year 2022)
- Shreya Pandey (Admission year 2024)
- Pooja Patel (Admission year 2024)

M.Sc. Dissertation student:

- Kumari Minu Singh, 2019 (Date of submission: 28/05/2019), SRF, PhD at BHU
- Kanchan Prasad, 2019 (Date of submission: 28/05/2019), Geologist (GSI), PhD IIT-B
- Payal, 2020
- Vikas Kumar, 2020, JRF PhD at BHU
- Madhav Prasad Mishra, 2021 (Date of submission: 30/07/2021), JRF, PhD at BSIP
- Ashish Kumar Singh, 2021 (Date of submission: 09/08/2021)
- Ayush Kumar, 2021, ISRO

- Suryakant Dalai, 2022 (Date of submission: 30/05/2022) OCS-Chief Scientific Officer
- Himanshu Jaiswal, 2022 (Date of submission: 06/06/2022)
- Ravi Pratap Singh, 2023 (Date of submission: 22/05/2023) JRF, PhD at BSIP
- Shubham Pandey, 2023 (Date of submission: 22/05/2023)
- Pragya Kumari, 2024 (Date of submission: 27/05/2024), JRF
- Femi Fabian, 2024 (Date of submission: 27/05/2024), IIT-B
- Sambaran Hazra, 2025 (Date of submission: 21/05/2025) PhD at IIT-Gandhinagar
- P. N. Satyabinayak, 2025 (Date of submission: 21/05/2025)

Summer Internship students:

- Kritika Nagar, *Banaras Hindu University*, 2022 (Date of submission: 02/09/2022)
- Srisha Sankarsan Panda, *Central University of Kerala*, 2024 (Date of submission: 21/05/2024)
- Ilaiyaranan M., *Central University of Kerala*, 2024 (Date of submission: 29/05/2024)
- Sushanta Pathak, *IIT (Indian School of Mines) Dhanbad*, 2024 (Date of submission: 13/06/2024)
- Nunavath Suresh, *Central University of Karnataka*, 2024 (Date of submission: 13/06/2024)
- Saptarshi Mallick, *Central University of Karnataka*, 2024 (Date of submission: 13/06/2024)
- Kiran R. S., *Central University of Kerala*, 2025 (Date of submission: 14/07/2025)
- Raniya, *Central University of Kerala*, 2025 (Date of submission: 14/07/2025)
- Sayani Mandal, *Presidency University*, 2025 (Date of submission: 05/08/2025)

Teaching Experience

- **Assistant Professor**, Department of Geology, Institute of Science, Banaras Hindu University (October 2017 to Present)
 - Actively engaged in teaching undergraduate, postgraduate, and Ph.D. courses in Geology (theory and practical).
 - Specialized subjects taught include Paleontology, Micropaleontology & Oceanography, Marine Geology, Paleogeography, and Paleoclimatology.
 - Responsibilities include designing course material, delivering lectures, supervising practical sessions, guiding research projects, and mentoring students.
- **Doctoral Courses (Ph.D.)** (Students strength: 30)
 - GLPR 10: *Paleogeography and Paleoclimatology* (Semester I)
 - GLPR 16: *Advances in Micropaleontology* (Semester II)
- **Postgraduate Courses (M.Sc.)** (Students strength: 70)
 - GLM 204: *Micropaleontology and Oceanography* (Semester II)
 - GLM 209: *Practical for Micropaleontology and Oceanography* (Semester II)
 - GLM 302: *General and Invertebrate Paleontology* (Semester III)
 - GLM 306: *Practical for General and Invertebrate Paleontology* (Semester III)
 - GLM 311: *Marine Geology* (Semester III)
 - GLM 315: *Practical for Marine Geology* (Semester III)
- **Undergraduate Courses (B.Sc.)** (Students strength: 150 for Sem-IV, 70 for Sem-VI)
 - GLB 401: *Paleontology and Stratigraphy* (Semester IV)
 - GLB 402: *Practical for Paleontology and Stratigraphy* (Semester IV)
 - BSC 04A: *Elements of Geology-II (Ancillary Course)* (Semester IV)
 - GLB 601: *Paleontology* (Semester VI)
 - GLB 605: *Practical for Paleontology* (Semester VI)

Academic Achievements:

- Qualified UPSC All India Geologist Written Examination, 2007 (GSI)
- Qualified UPSC All India Geologist Written Examination, 2008 (GSI)
- Qualified CSIR NET (Lectureship), December, 2011

- Qualified CSIR Senior Research Fellow (SRF), 2014
- Selected and participated in IODP Exp 353 (iMonsoon) to Singapore, 2015
- Awarded SERB National Post-Doctoral Fellowship 2017
- Honoured with “Excellence Award to Alumni” for the year 2024, of Govt. College, Sundargarh, Odisha instituted by Prof. Asutosh Naik
- Guest of Honour and Resource Person on the occasion of National Science Day, observed on 28th February, 2024 at Govt. College, Sundargarh, Odisha.

Professional Membership:

- Life Member of Paleontological Society of India (PSI)
- Member of American Geophysical Union 2014 (AGU)
- Life Member of the Indian Science Congress Association (ISCA)
- Life Member of Indian Geophysical Union (IGU)

Journal Reviewer

- Communications Earth & Environment (Nature Portfolio)
- Frontiers in Marine Science
- Global and Planetary Change (Elsevier)
- Journal of the Geological Society of India (Springer)
- Journal of Asian Earth Sciences: X (Elsevier)
- Journal of Palaeosciences
- Marine Pollution Bulletin (Elsevier)
- Journal of the Palaeontological Society of India

Expedition/Cruise/ Field work participation:

Cruise	Session	Research Vessel	Duration	Field area
Chilika Field Work	2021-2022	Local Motor Boat	6 th July to 12 th July 2022	Chilika Lake
Chilika Field Work	2020-2021	Local Motor Boat	26 th January to 30 th January 2021	Chilika Lake
IODP Expedition 353 (iMonsoon)	2014-2015	Joides Resolution	30 th December 2014 to 29 th January 2015	Bay of Bengal
SK-308 (Leg-I)	2013-2014	ORV Sagar Kanya	30 th December 2013 to 20 th January 2014.	Bay of Bengal (Chennai to Paradip)
SSK-15	2011-2012	RV Sindhu Sankalp	24 th April 2011 to 3 rd May 2011.	Arabian Sea (Kochi and Tuticorin)
• Conducting field training program in the river Ganga for the M.Sc. Marine Geology students to impart practical knowledge in sampling techniques used in Marine Geology and Oceanography by using various instruments • Every year a boat cruises along the Mandovi Zuari estuaries from 2010 to 2016 • Every 15 days sampling during pre and post monsoon for foraminiferal culture studies from 2010 to 2016				

Conferences & Workshops Organized

- **Organizing Secretary**, *Current Trends in Earth & Planetary Sciences: An Interdisciplinary Perspective*, Department of Geology, Banaras Hindu University, Varanasi, India (07 October 2025)
- **Organizing Secretary**, *Two-Day Hands-on Workshop on “Just Enough Python for AI in Earth Sciences”* Department of Geology, Banaras Hindu University, Varanasi, India (10–11 November 2023).

- **Organizing Secretary**, *International Fossil Day 2021*, Banaras Hindu University, Varanasi, India (18 October 2021).
- **Organizing Secretary**, *XXVII Indian Colloquium on Micropaleontology and Stratigraphy* Department of Geology, Banaras Hindu University, Varanasi, India (04–06 November 2019).

Administrative Responsibilities

- **Institutional Committees & Coordination**
 - Member, Anti-Ragging Squad, Institute of Science, BHU (2018–19, 2019–20)
 - Member, Undergraduate Admission Coordination Committee (UACC), Institute of Science, BHU (2018–19)
 - Member, Undergraduate Admission Counseling & Verification Committee, Institute of Science, BHU (2018–19)
 - Member, Scrutiny & Screening Committee for PG Admissions, Department of Geology, BHU (Since 2018)
 - Member, Verification Committee for PG Admissions, Department of Geology, BHU (Since 2018)
 - Member, Convocation Committee for 101st Convocation, BHU (2019)
- **Academic & Curriculum Development**
 - Member, Syllabus Task Group for Department of Geology under NEP framework
 - Member, M.Phil. Programme Committee, Department of Geology, BHU
 - Member, Departmental Quality Cell (DQC), Department of Geology, BHU
 - Member, Academic Audit Committee, Department of Geology, BHU
 - Member, Departmental Anti-Plagiarism Committee (DAPC) for Ph.D. thesis evaluation
 - Appointed Examiner, Paper Setter, Superintendent, and Invigilator for B.Sc., M.Sc., and Ph.D. examinations
- **Editorial, Reporting & Outreach Roles**
 - Nodal Faculty Member, Institute Bulletin (Quarterly magazine, Institute of Science, BHU)
 - Nodal Faculty Member, University Annual Report (2022–23), Department of Geology, BHU
 - Appointed Departmental Coordinator for CSIR-HRDG evaluation team visit
- **Organization of Academic Events**
 - Member, Organizing Committee of Saturday Colloquium, Department of Geology, BHU
 - Coordinator, Essay Competition (Geology Day, 26 September 2023)
 - Coordinator, Debate Competition (Geology Day, 28 September 2024)
 - Sports Coordinator, Table Tennis, Badminton, Carrom, and Chess Competitions (Geology Day, 24 Sept–1 Oct 2023)
 - Member, Various Departmental Committees (Museum Upgradation, Dissertation Evaluation [UG & PG], Program Organization, Academic Audit)
- **External Academic Engagements**
 - Appointed Paper Setter for University Examinations, P. P. Savani University, Surat, Gujarat (Since 2023)
 - Appointed External Subject Expert, Recruitment Committee for Temporary Staff, CSIR–National Institute of Oceanography, Dona Paula, Goa (2023, 2024)

Refresher Course/Induction programme/ Faculty development program/Training program

- Faculty Induction Programme under PMMMNMTT, MHRD for newly appointed teachers of Higher Education Institutions organized by School of education, Faculty of Education from 02 September to 01 October 2019.
- 10th Refresher Course in Environmental Studies (Multidisciplinary) organized by the UGC-Human Resource Development Center, Banaras Hindu University, Varanasi during February 10-23, 2021.
- 13th Refresher Course in Environmental Studies and Sustainable Development (Multidisciplinary) (Online Mode) under MMTP of UGC organized by UGC-MMTTC, Banaras Hindu University, Varanasi from August

11-26, 2025

- One Week online training program on statistical data analysis using SPSS software organized by Science Tech Institute, run by Manraj Kuwar Singh Educational Society from May 21-27, 2021.

Resource Person Talk

- Delivered a lecture as an expert and resource person for the World Environment Day on June 05, 2024 on the topic "The Role of Microfossils in Pollution Monitoring from the Aquatic Environment" at the School of Sciences, P P Savani University, Surat, Gujarat.
- Resource Person Talk on the occasion of National Science Day, observed on 28th February, 2024 at Govt. College, Sundargarh, Odisha.

Presentations in Conferences:

- **Dinesh Kumar Naik.** Water column stratification in the Bay of Bengal during Mid-Pleistocene Transition: Insights from IODP Exp. 353, site U1446. Indian Geophysical Union, 61st Annual Convention & Diamond Jubilee celebration at Department of Geophysics, Banaras Hindu University, Varanasi, 3-5 December 2024.
- **Dinesh Kumar Naik**, Mohit Kumar, Shubham Pandey, Ravi Pratap Singh. 2024. Benthic foraminiferal response to various environmental parameters in Chilika Lagoon: Implications for post-restoration ecosystem management and pollution monitoring. National seminar on Recent development in Geological sciences with special reference to Odisha, Government college Sundargarh, Odisha, India, 25-26 February 2024.
- **D.K. Naik**, Rajeev Saraswat, Rajiv Nigam, David W. Lea, Sujata R. Kurtarkar, Dharmendra P. Singh. Revisiting the last glacial-interglacial productivity paradox in the eastern Arabian Sea. *Indian Geophysical Union (51st Annual convention on Earth Science and Society)*, Kurukshetra University, India, 19-21 November 2014.
- **D.K. Naik**, Rajeev Saraswat, Rajiv Nigam, Sujata R. Kurtarkar, Dharmendra P. Singh. Productivity changes in the southeastern Arabian Sea during the last glacial-interglacial transition. *XXIV Indian Colloquium on Micropaleontology and Stratigraphy, Dehradun, India, 2013.*
- **D.K. Naik**, R. Saraswat, R. Nigam. Microfossils based approach to determine paleodepth in the southeastern Arabian Sea. *XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium on Global Bioevents in the Earth History, 2011, Bangalore.*
- **D.K. Naik**, R. Saraswat, N. Khare, R. Nigam. Monsoon induced surface productivity changes in the southwestern Indian Ocean during the Late Quaternary. *Indian Geophysical Union, 2010, Hyderabad.*
- **D.K. Naik**, R. Saraswat, N. Khare, A.C. Pandey, A. Mackensen, R. Nigam. Late Quaternary paleoceanography of the southwestern Indian Ocean. *Pages Goa 2013 (4th Open Science Meeting), Goa.*
- **D.K. Naik**, R. Saraswat, N. Khare, A.C. Pandey, A. Mackensen, R. Nigam. Late Quaternary paleoceanography of the southwestern Indian Ocean. *Pages Goa 2013 (Second Young Scientists Meeting), Goa.*
- **D.K. Naik**, K. Karmakar, R. Saraswat, R. Nigam. Benthic foraminifera as proxy to infer oxygen minimum zone: Foraminiferal distribution in the southeastern Arabian Sea. *7th International Conference on Asian Marine Geology, 2011, Goa.*

Session Chair

- Co-chair for the session Paleontology and Groundwater of the *National seminar on Recent development in Geological sciences with special reference to Odisha*, Government college Sundargarh, Odisha, India, 25-26 February 2024.
- Chair for the Oral session III & IV of the *3rd INQUA-PAGES ECR workshop TROPQUA* at CSIR-National Institute of Oceanography, Goa, India, 3-7 November, 2024.
- Co-chair a session for the *National workshop on "Rare Earth Elements, Rare Metals & Strategic Minerals" (REMS- 2024)* at Department of Geology, Banaras Hindu University, Varanasi on November 30th to December 2nd 2024.

Seminar/Conference Publications (Abstracts)

- **Dinesh Kumar Naik^{1*}**, Mohit Kumar¹, Shubham Pandey¹, Ravi Pratap Singh. 2024. Benthic foraminiferal

response to various environmental parameters in Chilika Lagoon: Implications for post-restoration ecosystem management and pollution monitoring. National seminar on Recent development in Geological sciences with special reference to Odisha, Government college Sundargarh, Odisha, India, 25-26 February 2024.

- Mohit Kumar*, **Dinesh Kumar Naik**, Ravi Pratap Singh, Shubham Pandey 2024. Benthic foraminiferal response to trace metal pollution in the largest brackish water lagoon, Chilika Lake, east coast of India. National Conference on Geosciences for Sustainable World, Department of Geophysics, Banaras Hindu University, Varanasi, March 6-7, 2024.
- Mohit Kumar, **Dinesh Kumar Naik**, Dusmant Maharana, Moumita Das, Ekta Jaiswal, Amiya Shankar Naik. 2023. Microplastics in Chilika lake: Occurrence, polymer types, potential sources, and ecological risks. 3rd international Conference on River health: assessment to restoration (RHAR 2023), Dept. of Civil Engineering, IIT (BHU) Varanasi. October 12-14, 2023.
- **D.K. Naik**, R. Saraswat, R. Nigam. Does dissolved oxygen affect benthic foraminifera: A case study from the eastern Arabian Sea. *XXVI Indian Colloquium on Micropaleontology and Stratigraphy, University of Madras, India, 17-19 August 2017*.
- N. Sagar, L. LeVay, **D.K. Naik**, A. Peketi and the Expedition 353 Scientific Party. International Ocean Discovery Program (IODP) Expedition 353: Indian Monsoon Rainfall. *Indian Geophysical Union: 52nd Annual Convention November 3-5, 2015. Goa, India, 2015*, p. 151-152.
- S.M. Saalim, R. Saraswat, A.M. Gawas, Manasa M., **D.K. Naik**, S. R. Kurtarkar. A foraminiferal testimony for improved ecosystem health of Zuari estuary post mining closure. *International Symposium on the Indian Ocean, Golden jubilee of National Institute of Oceanography, Goa India, 50th Anniversary of International Indian Ocean Expedition (IIOE). Goa, 30 November to 4 December 2015*, p. 77.
- D.P. Singh, R. Saraswat, **D.K. Naik**. Does bottom water Oxygen concentration affect aragonite compensation depth in the southeastern Arabian Sea? *International Symposium on the Indian Ocean, Golden jubilee of National Institute of Oceanography, Goa India, 50th Anniversary of International Indian Ocean Expedition (IIOE). Goa, 30 November to 4 December 2015*, p. 183.
- Raza, M.A., R. Saraswat, **D.K. Naik**, N. Khare, P. Govil, A. Mazumder. Inverted sediments in coastal Antarctic lake: Evidence of paleostorm? *XII International Symposium on Antarctic Earth Science (ISAES 2015), Goa, India, 13-17 July 2015*, p. 438.
- **D.K. Naik**, R. Saraswat, R. Nigam, D.W. Lea, S.R. Kurtarkar, D.P. Singh. Revisiting the last glacial-interglacial productivity paradox in the eastern Arabian Sea. *Indian Geophysical Union (51st Annual convention on Earth Science and Society), Kurukshetra University, India, 19-21 November 2014*, p. 48-49.
- D.P. Singh, **D.K. Naik**, R. Saraswat and R. Nigam. Does bottom water oxygen concentration affect aragonite compensation depth in the southeastern Arabian Sea? *Indian Geophysical Union (51st Annual convention on Earth Science and Society), Kurukshetra University, India, 19-21 November 2014*, p. 48.
- **D.K. Naik**, Rajeev Saraswat, Rajiv Nigam, Sujata R. Kurtarkar, Dharmendra P. Singh. Productivity changes in the southeastern Arabian Sea during the last glacial-interglacial transition. *XXIV Indian Colloquium on Micropaleontology and Stratigraphy, Dehradun, India, 2013*, p. 84.
- S.R. Kurtarkar, R. Saraswat, R. Nigam, B. Banerjee, R. Mallick, **D.K. Naik**, D.P. Singh. Laboratory culture experiment to understand the effect of calcein incorporation on physiological processes of benthic foraminifera. *XXIV Indian Colloquium on Micropaleontology and Stratigraphy, Dehradun, India, 2013*, p. 63.
- D.P. Singh, R. Saraswat, R. Nigam, **D.K. Naik**. Sedimentation rate in the eastern Arabian Sea during the last glacial-interglacial period. *XXIV Indian Colloquium on Micropaleontology and Stratigraphy, Dehradun, India, 2013*, p. 143.
- R. Saraswat, **D.K. Naik**, R. Nigam, A. Mackensen. The effect of seawater salinity and temperature on Globigerinoides ruber $\delta^{18}O$: A core-top study from the Indian Ocean. *XXIV Indian Colloquium on Micropaleontology and Stratigraphy, Dehradun, India, 2013*, p. 122-123.
- **D.K. Naik**, R. Saraswat, N. Khare, A.C. Pandey, A. Mackensen, R. Nigam. Late Quaternary paleoceanography of the southwestern Indian Ocean. *PAGES GOA 2013, 2nd Young Scientists Meeting, Goa, India, 2013*, p. 23.
- R. Saraswat, D. Lea, R. Nigam, A. Mackensen, **D.K. Naik**. Deglaciation in the tropical Indian Ocean driven by interplay between the regional monsoon and global teleconnections. *PAGES GOA 2013, 4th Open Science*

Meeting, 2013, p. 48.

- **D.K. Naik**, R. Saraswat, R. Nigam. Microfossils based approach to determine paleodepth in the southeastern Arabian Sea. *XXIII Indian Colloquium on Micropaleontology and Stratigraphy and International Symposium on Global Bioevents in the Earth History, Bangalore, India, 2011*, p. 28.
- **D.K. Naik**, K. Karmakar, R. Saraswat, R. Nigam. Benthic foraminifera as proxy to infer oxygen minimum zone: Foraminiferal distribution in the southeastern Arabian Sea. *7th International Conference on Asian Marine Geology, NIO, Goa, India, 2011*, p. 103.
- **D.K. Naik**, R. Saraswat, N. Khare, R. Nigam. Monsoon induced surface productivity changes in the southwestern Indian Ocean during the Late Quaternary. *Indian Geophysical Union (47th Annual Conference), Hyderabad, India, 2010*, p. 17.
- R. Saraswat, N. Khare, **D.K. Naik**, A.C. Pandey, R. Nigam. Seawater temperature changes in the southwestern Indian Ocean during the Late Quaternary. *Indian Geophysical Union (47th Annual Conference), Hyderabad, India, 2010*, p. 16.
- M.A. Raza, R. Saraswat, N. Khare, P. Govil, A. Mazumder, **D.K. Naik**. Micropaleontological study of the Antarctic Lake sediments: Paleoecological inferences. *Climatic Changes during the Quaternary: Special reference to Polar Regions and Southern Ocean, October 22-23, NCAOR, Goa, India, 2009*, p. 68.

Thesis Topics:

- **Ph.D.:** Distribution of foraminifera and sub-millennial scale paleoclimatic reconstruction from marine sediments off southwest coast of India.
- **M.Phil.:** Late Quaternary paleoclimatic changes from the Southwestern Indian Ocean.
- **M.Sc.:** Application of foraminiferal proxies to infer climatic changes over the past 66 kyr BP, from the southwestern Indian Ocean.

Technical Skills

- **Laboratory Instruments:**
Experienced in handling and operating advanced geochemical and oceanographic instruments including LA-HR-ICP-MS, CO₂ Coulometer, CHN Analyzer, Freeze Drier, Multicorer, Spade Corer, Gravity Corer, Van Veen Grab Sampler, Salinometer, Dosimat Plus, Dissolved Oxygen Meter, pH Meter, and Niskin Water Sampler.
- **Software Proficiency:**
Proficient in Canoco, MVSP, Grapher, Surfer, Ocean Data View (ODV), CalPal, Adobe Photoshop, Illustrator, and CorelDRAW for data visualization, statistical analysis, and graphic design.
- **Image Analysis Tools:**
Experienced in microscopic image processing and morphometric analysis using SZX16-DP2 BSW and IMAGE-PRO software.

Extracurricular Activities

- **Scuba Diving:**
Certified Open Water Diver by Scuba Schools International (SSI), Barracuda Diving India.
Certification ID: 791004Z3991537462644-IN

Personal Profile

Date of Birth	: 1 st February 1983
Nationality	: Indian
Permanent Address	: New Colony, Rangadhupa, Sundargarh, Odisha 770 002, India
Sex	: Male
Marital Status	: Married
Passport No	: B7520987
Aadhar No	: 2057 2039 5112

References

Prof. Rajiv Nigam (Supervisor) CSIR Emeritus Scientist Former chief scientist, National Institute of Oceanography, Goa, India e-mail: rajivnigam1954@gmail.com	Prof. Arun Deo Singh FNASc Senior Professor & Head Department of Geology Institute of Science Banaras Hindu University Varanasi-221 005 India e-mail: arundeosingh@yahoo.com	Dr. Ramesh Chandra Patel, Professor Department of Geology Institute of Science Banaras Hindu University Varanasi 221 005, Uttar Pradesh, India e-mail: patelramesh63@bhu.ac.in
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Declaration

I, Dinesh Kumar Naik, hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Date: **09 October 2025**

Place: **Varanasi**



(Dr. Dinesh Kumar Naik)