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**Adjunct Faculty**

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**Academic Qualifications**

Degree	Institution	Year	Branch	Class
Ph.D.	University of Madras	2017	Geology	Highly Commended
M.Phil.	University of Madras	2012	Geology	First
M.Sc.	University of Madras	2011	Geology	First
B.Sc.	Alagappa University	2008	Geology	Second

**Teaching Experience**

**Total Teaching Experience : 5 Years**

Position	Institution	Duration
Assistant Professor	Department of Geology National College (Autonomous) Tiruchirappalli – 620 001.	10.06.2019 – 31.07.2024

**Research Experience**

**Total Research Experience : 10 Years**

Position	Institution / University	Duration
Assistant Professor	National College (Autonomous) Tiruchirappalli – 620 001.	10.06.2019 – 31.07.2024
Senior Research Fellow (SRF)	University of Madras, Chennai – 620 025.	2013-2017
Junior Research Fellow (JRF)	University of Madras, Chennai – 620 025.	2012-2013

## Areas of Research

- Palaeoclimate and Palaeoceanography, Micropalaentology, Biogeochemistry and Isotope Chemistry.

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Project	PG	5	0

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/ Chapters/ Monographs/ Manuals
03	4	07	17	01

Cumulative Impact Factor (as per JCR) : **12.452**

h-index : **4**

i10 index : **2**

Total Citations : **64**

## Events

### Number of Seminars /Conferences /Workshops/ Events organized:

Position	Programme	Duration	Institution
Co-convener	<b>National Seminar</b> on “Microfossils: Significance in Environmental Reconstruction”	26 <sup>th</sup> June, 2024	Department of Geology, National College (Autonomous), Tiruchirappalli.
Organizer	<b>Special Lecture</b> on “Post Field Knowledge Sharing Meet – 2023”	24 <sup>th</sup> March, 2023	Department of Geology, National College (Autonomous), Tiruchirappalli.
Field Advisor	<b>Training Program and Special Lecture</b> on “Role of Geology in Oil Well - Emphasis on Surface Logging”	15 <sup>th</sup> March, 2023	Department of Geology, National College (Autonomous), Tiruchirappalli.
Field Advisor	<b>Training Program and Special Lecture</b> on “Role of Geology in Surface and Subsurface	14 <sup>th</sup> March, 2023	Department of Geology, National College (Autonomous), Tiruchirappalli.

	Techniques”		
Vice - President	<b>Special Lecture</b> on “Exploration geologist activities in various aspects of fuel mineral and ground water”	18 <sup>th</sup> May, 2022	Department of Geology, National College (Autonomous), Tiruchirappalli.
Vice - President	<b>Special Lecture</b> on “Gas hydrates: Energy source of the future!”	17 <sup>th</sup> May, 2022	Department of Geology, National College (Autonomous), Tiruchirappalli.
Organizing Committee Member	<b>Quiz program</b> on “Geo Hunters”	26 <sup>th</sup> October, 2021	Department of Geology, National College (Autonomous), Tiruchirappalli.

### Events Participated

#### Number of Conferences/Seminars/Workshops:

1. Faculty Development Programme “**Professional Development for Educators**” held during 10th to 15th June 2024, Organized by Internal Quality Assurance Cell (IQAC), National College (Autonomous), Tiruchirappalli.
2. **National Webinar on International Fossil Day - 2023** 19th October 2023 Organized by under theaegis of Palaeontological Society of India, Lucknow by Dr. Harisingh Gour Vishwavidyalaya, Sagar; Banaras Hindu University, Varanasi, and Allahabad University, Prayagraj, India.
3. Faculty Development Programme “**Exploring Innovation in Personal and Institutional Development**” held during 5th to 12th June 2023, Organized by Internal Quality Assurance Cell (IQAC), National College (Autonomous), Tiruchirappalli.
4. National Workshop on “**Detailed Petrology Through Innovative Modern Techniques in Thin Section Preparation and Petrographic Studies**” Organized by PG & Research Department of Geology in association with Chennai Metco on 20th February, 2020.
5. Faculty Development Programme “**Four Day Faculty Development Programme for the New Teacher Recruits**” held during 29th & 30th June and 06th & 07 July 2019, Organized by Internal Quality Assurance Cell (IQAC), National College (Autonomous), Tiruchirappalli.
6. National workshop on “**Biodiversity Conservation**” held on February 2017, Organized by Center for Ocean and Coastal Studies, University of Madras, Chennai.
7. Lecture series on “**Application of Isotope Geochemistry**” in the International Day for the Preservation of the Ozone Layer - Sep, 16 & World Water Monitoring Day - Sep, 18

celebrations, Organized by Department of Geology, University of Madras, Guindy campus, Chennai - 25 during 24th September 2017.

8. Workshop on **“Placer Mineral Resources and Sedimentary Environments”** held on March 2016, Organized by Department of Geology, University of Madras, Chennai.
9. National seminar on **“Quaternary Stratigraphy, Sedimentation and Sea level Changes”** (QSSS), held on March 2015, Organized by Department of Geology, University of Madras, Chennai.
10. One day workshop on **“Ion Chromatography and it's Applications on Earth Sciences”** Organized by Department of Applied Geology, University of Madras, Guindy campus, Chennai on 13th August, 2015.
11. Nation Conference on **XXV Indian Colloquium on Micropaleontology and Stratigraphy** held during 18th -20th December 2015, organized by Post Graduate Department of Geology, Institute of Science, Aurangabad, India.
12. National Conference on **“Climate Change Impacts and Coastal Area Management”** held on February 2015, Organized by Department of Applied Geology, University of Madras, Chennai.
13. Workshop on **“Recent Developments in Micropaleontology and Its Applications”** held on November 2014, Organized by Department of Geology, University of Madras, Chennai.
14. International Conference on **“Environmental Earth Science, Accomplishments, Plans and Challenges”** held on March 2014, jointly organized by Department of Geology and Applied Geology, University of Madras, India & Instituto Politecnico Nacional (IPN), Mexico. (Chennai).
15. One day workshop on **“Rain Water Harvesting”** Organized as part of Quasiquincentennial (125th) Year celebrations of Department of Geology, presidency College (Autonomous), Chennai-5 held on 24 October 2013.
16. Workshop on **“Coastal Climate Change”** held on September 2013, Organized by Department of Geology, University of Madras, Chennai.
17. Workshop on **“Marine Geosciences Research in India: Current status and future directions”** held on February 2013, Conducted by National Institute of Oceanography, Goa.
18. One Day workshop on **“Bhuvan Workshop”** Gate way of Indian Earth Observation and Indian Space Research Organization (ISRO) held at science city, Chennai 28 March 2011.
19. Two Days workshop on **“Micropaleontological Techniques, with Special Reference to Foraminifera and Ostracoda”** held on 30th and 31st March 2011.
20. One Day workshop on **“Coastal Environments”** Organized by Department of Geology, University of Madras, Chennai held on 24th March 2010.
21. Two Days workshop on **“Coastal Hydrogeology”** Organized by Department of Applied Geology, University Madras and University Grants Commission, Special Assistant Programme (SAP) held on 8th and 9th February 2010.

## Participated in Training Programs

1. **Marine Geological Research – SSD-004 Cruise on ORV Sindhu Sadhana (Oct - Nov 2014)** Conducted research on the continental shelf-slope of the Gulf of Mannar and Arabian Sea. Involved in comprehensive sampling and analysis. Enhanced understanding of geological and oceanographic processes.
2. **Marine Exploration – 308th Cruise on ORV Sagar Kanya (Dec 30, 2013 - Jan 21, 2014)** Participated in exploration from Chennai to Paradip, covering a wide bathymetry range in the Bay of Bengal. Collected diverse samples, including Multi cores and Gravity cores. Contributed to the study of marine ecosystems and geological features.
3. Training Workshop on **“Basic Geostatistical Analysis for Experimental Data Sets”** held on March 2014, Organized by Department of Geology, University of Madras, Chennai.
2. **UGC Course on SPSS** held at University of Madras, Chepauk, Chennai - 05 from 2 to 4 August 2012.
3. Four Days Training Program on **“Geoinformatics for Coastal Disaster Management”** held from 23rd - 27th, April 2012.

## Presented Research Paper

1. Presented Presented paper in **“XXVI Indian Colloquium on Micropaleontology and Stratigraphy”** held on August 2017, Organized by University of Madras, India.
2. **Distribution and Environmental Implications of Foraminifera in the Core Samples of Kollidam and Marakanam Mangrove Locations, Tamil Nadu, Southeast Coast of India** in Current Trends in Lakes and Coastal Environment (LACOASTE-2014) Organized by Department of Earth Sciences, Annamalai University, Chidambaram held on March 28th - 29, 2014.
3. Presented paper in **“XXIV Indian Colloquium on Micropaleontology and Stratigraphy”** held on November 2013, Organized by Institute of Himalayan Geology, Dehradun. India.
4. **Distribution of Foraminifera in the Core Samples of Mangrove Locations of Kollidam and Marakanam, Tamil Nadu, Southeast Coast of India** in IAS-2012 held at Pondicherry University, Pondicherry, India.

## List of Research Articles / Recent Publications

S. No.	Authors / Title of the paper / Journal	Impact Factor
1.	Mohammed Noohu, N., Salaj, S.S., Hussain, S.M., Dhanil Dev, S.G., Suresh Babu, D.S., <b>Mohammed Nishath, N.</b> , 2023. Paleothermometric Inferences Using Elemental Mapping: An Appraisal of Ostracoda Species from Shallow Core Sediment of Bay of Bengal, India. Journal of Geosciences Research, Vol. 8 (1), pp.25-28.	0.5
2.	Nazeer, M.N., Hussain, S.M., Krishna, V.M., <b>Mohammed Nishath, N.</b> , Sunitha, D., 2021. Paleothermometric fluctuations and ornamentation pattern of Ostracoda species from a short core, off Ongole, Bay of Bengal, South-east Indian coast. Indian Journal of Geo Marine Sciences, Vol. 5 (10), pp. 819-824.	0.5
3.	Mohammed Noohu, N., Hussain, S.M., Salaj, S.S., Razi Sadath., <b>Mohammed Nishath, N.</b> , 2021. Ostracoda Morphometry in Deciphering the Paleoenvironment of Epipelagic to Bathypelagic Zone, off Visakhapatnam, Bay of Bengal. Journal of Geosciences Research. Vol. 6 (1), pp. 87 – 93.	0.5
4.	Neelavannan, K., Hussain, S.M., <b>Mohammed Nishath, N.</b> , Hema Achyuthan, Veerasingham, S., Prakasam, M., Pankaj Kumar, Pramod Singh, John Kurian, P., 2021. Paleoproductivity shifts since the last 130 ka off Lakshadweep, Southeastern Arabian Sea. Regional Studies in Marine Science. Vol. 44, pp. 01 – 10.	3.9
5.	Rajkumar, A., Hussain, S.M., <b>Mohammed Nishath, N.</b> , Dewi, K.T., Sivapriya, V., Radhakrishnan, K., 2020. Recent Ostracoda Biodiversity from shelf to slope sediments of Gulf Mannar, India: Ecologic and Bathymetric implications. Journal of the Paleontological Society India. Vol. 65 (1), pp.01-07.	0.83
6.	Mohammed Noohu, N., Hussain, S.M., <b>Mohammed Nishath, N.</b> , Krishna, V.M., Sunitha, D., 2018. Granulometric studies rate of sedimentation and ostracod distribution from a short core off ongole coast, Andhra Pradesh, Bay of Bengal. Journal of the Paleontological Society India. Vol. 63(1), pp. 111 – 118.	0.83
7.	<b>Mohammed Nishath, N.</b> , Hussain, S.M., Neelavannan, K., Thejasino, S., Saalim, S., Rajkumar, A., 2017. Ostracod biodiversity from shelf to slope oceanic conditions, off central Bay of Bengal, India. Journal of Palaeogeography, Palaeoclimatology, Palaeoecology. Vol. 483, pp.70-82.	2.8
8.	Hussain, S.M., Sakthivel, M., Rajkumar, A., <b>Mohammed Nishath, N.</b> , 2017. Distribution of Foraminifera and Ostracoda under the ecological conditions in the beach sands of Tuticorin, Tamil Nadu, Southeast coast. International Journal of Earth Sciences and Engineering. Vol.10, pp. 281 – 288.	0.42

9.	Hussain, S.M., Merin Maria Joy, Rajkumar, A., <b>Mohammed Nishath, N.</b> , Shubhangi, T. Fulmali., 2016. Distribution of calcareous microfaunna (Foraminifera and Ostracoda) from the beach sands of Kovalam, Thiruvananthapuram, Kerala Southwest coast of India. Journal of the Paleontological society of India. Vol. 61(2), pp. 267 – 272.	0.83
10.	<b>Mohammed Nishath, N.</b> , Hussain, S.M., Rajkumar, A., 2015. Distribution of Ostracoda in the sediments of northwestern part of Bay of Bengal, India - Implication for Paleoenvironment. Journal of the Paleontological society of India. Vol. 60(2), pp. 27-33.	0.83

### Book Chapter

S. No.	Authors	Name of the Book	Publisher	ISBN
1.	Hussain, S.M., <b>Mohammed Nishath, N.</b> , Jyothi Srivastava, 2015.	Distribution and environmental Implications of foraminifera in the core samples of Kollidam and Marakanam mangrove locations. Tamil Nadu, Southeast coast of India	In: Lakes and wetlands Patridge. India	ISBN 978-1 4828-4545-7, pp 314-333.

### Conference proceedings / Abstract volume

1. Presented Presented paper in “**XXVI Indian Colloquium on Micropaleontology and Stratigraphy**” held on August 2017, Organized by University of Madras, India.
2. **Distribution and Environmental Implications of Foraminifera in the Core Samples of Kollidam and Marakanam Mangrove Locations, Tamil Nadu, Southeast Coast of India** in Current Trends in Lakes and Coastal Environment (LACOASTE-2014) Organized by Department of Earth Sciences, Annamalai University, Chidambaram held on March 28th - 29, 2014.
3. Presented paper in “**XXIV Indian Colloquium on Micropaleontology and Stratigraphy**” held on November 2013, Organized by Institute of Himalayan Geology, Dehradun. India.
4. **Distribution of Foraminifera in the Core Samples of Mangrove Locations of Kollidam and Marakanam, Tamil Nadu, Southeast Coast of India** in IAS-2012 held at Pondicherry University, Pondicherry, India.<sup>87</sup>

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