

DR. THENA T.

PROJECT SCIENTIST

ESSO-NATIONAL CENTRE FOR POLAR AND OCEAN RESEARCH
MINISTRY OF EARTH SCIENCES, GOVT. OF INDIA
HEADLAND SADA, VASCO-DA-GAMA, GOA - 403804, INDIA

Research Interest : Marine Micropaleontology, Paleoclimate,
Paleoceanography, Geochemistry, Gas hydrates, Marine Pollution.



CONTACT



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<https://scholar.google.com/citations?hl=en&user=eBwbV24AAAAJ>



Pathanamthitta, Kerala, India.

PERSONAL INFO

Father : Thulasi Doss G.

Mother : Leema B.

DOB : 07/11/1991

Relationship Status : Married

Husband : Bobson K Abraham

SKILLS

Time Management

Problem Solving

Leadership

Communication & Interpersonal

Research & Teaching

Languages: English, Tamil, Malayalam,
Hindi

Programming & Statistics



RESEARCH EXPERIENCE

- **CSIR SRF (Direct)**
VIT Chennai | 2019-2020
- **DST JPA**
VIT Chennai | 2018-2019
- **DST JRF**
VIT Chennai | 2014-2017

Analyzed marine core sediment samples to understand the morphology of foraminifera from the Pacific Ocean and the Arabian Sea. Performed geochemical analysis of sediment samples and foraminifera to propose the palaeoceanographic conditions of the regions.

TEACHING EXPERIENCE

B.Tech. Civil Engineering

- Teaching Assistant for Q-GIS Graduate course (theory and practical) .
- Graded assignments and model exams for 60+ students and ran class help sessions.
- Directed students on projects and interns: image/map analysis, projection, remote sensing and GIS applications for addressing different environmental issues.

CAREER OBJECTIVE

Research-oriented, dedicated and reliable professional seeking a full-time challenging assignment and responsibility, with an opportunity of continuous growth and career advancement in the field of Earth Sciences. Looking to utilize teaching and research skills to support the Geosciences Division during the upcoming academic year.

EDUCATION

- **Ph.D. Earth Sciences, Awarded**
Vellore Institute of Technology (VIT) | 2020
- **M.Sc. Geosciences (integrated), CGPA 8.25/10**
Bharathidasan University | 2014
- **Higher Secondary, 78%**
Holy Cross Girls' Hr. Sec. School | 2009
- **Higher Secondary, 85%**
Holy Cross Girls' Hr. Sec. School | 2007

TECHNICAL SKILLS

- MS Office
- Statistical Packages
- Arc Map, Q-GIS, ERDAS.
- Origin Pro, Corel Draw, Kaleidagraph.
- PAST, SEISAN, R-Studio

CERTIFICATION

- MSE (Master in Software Engineering)
Apollo Computer Education.
- Basic course on Remote Sensing, GIS and GNSS - Off campus outreach certificate program, Satellite based training for universities sponsored by NNRMS (IIRS / ISRO EDUSAT program)
- Earth Science for Civil Engineering, NPTEL, IIT Kanpur

COLLABORATION



Interested in collaborating??

Do contact.

IN-PERSON

I am a sports lover and spend time on playing; if the weather doesn't permit such, I can be found curled up watching sports or movies with some crunchies. I volunteer in organizing events in the community, charities, fund-raising events, campaigns and also join in social and environmental rights groups.

PUBLICATION

- Kuppusamy Mohan, **Thulasi Thena**, Biju Nirmal, Muthusamy Prakasam, Kothandaraman Saravanan, Sathiyabama alias Priyanka T, Sruthy Rose Baby, Shitha K, Komal Shinde and Dinagarapandi Pandi., 2021. "A review on integrated proxy techniques indicating the presence of sub-surface Gas Hydrates", **International Journal of Oil, Gas and Coal Technology**. (IF 0.82)
<https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=IJOGCT>
- **Thena, T.**, Mohan, K., Prakasam, M. and Saravanan, K., 2021. "Palaeoecological significances of deep-sea benthic foraminifera from Cascadia Margin, North-East Pacific Ocean", **Regional Studies in Marine Science**, p.101949. (IF 1.62)
<https://doi.org/10.1016/j.rsma.2021.101949>
- **T. Thena**, K. Mohan, M. Prakasam K. and Saravanan 2021, "Early-Middle Pleistocene productivity changes of the Northern Cascadia Margin, Pacific Ocean", **Polar Science**, p.100659. (IF 1.92)
<https://doi.org/10.1016/j.polar.2021.100659>
- P. Dinagara Pandi, **T. Thena**, B. Nirmal, M. R. Aswathy, K. Saravanan & K. Mohan, 2017, "Morphometric analyses of Neyyar River Basin, southern Kerala, India", **Geology, Ecology and Landscapes**, 1:4, 249-256.
<https://doi.org/10.1080/24749508.2017.1389494>
- **T. Thena** & K. Mohan, 2016, "Estimation of pore space methane hydrate in marine sediments of Cascadia Margin", **Journal of Natural Gas Science and Engineering**, 35, 956-963. (IF 4.96)
<https://doi.org/10.1016/j.jngse.2016.09.046>

International Conference Presentations : 4

National Conference Presentations : 6

INSTRUMENTATION

