

Sabari Nathan, C.

M.Sc., Applied Geology

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Personal

Address : 242/291, Khaja Nagar, Pallipadai, Chidambaram, Cuddalore,
Tamilnadu, India, 608 001.
Date of Birth : 14.05.1998
Nationality : Indian
Languages Known : English and Tamil (Read, Write and Speak)

Education and Qualifications

Graduate and Post-Graduate Level:

Degree	Discipline	Year	University/College	CGPA
Post-Graduation	MSc (Applied Geology)	2018-2020	University of Madras, Chennai.	8.4/10
Graduation	BSc (Geology)	2015-2018	Jawahar Science College, Neyveli.	8.2/10

School Level:

Class	Board	Year	School	Mark Percentage
Higher Secondary	State	2014-2015	Venus Matriculation Higher Secondary School	68.16 %
High School	State	2012-2013	Tagore Matriculation Higher Secondary School	90.08%

- IELTS- Band 7 (Overall)

Internship

- “Hydrogeology (Occurrence and movement of groundwater, groundwater resource estimation, groundwater exploration, aquifer mapping and management, geophysical survey and hydrochemistry)”, Central Ground Water Board, Bangalore, Karnataka.
- “Resistivity modelling and earthquake data analysis”, Wadia Institute of Himalayan Geology, Dehradun, Uttarakhand.

Master’s Dissertation

A Baseline Study on the Epiphytal Foraminifera from Seagrasses and Seaweeds, Off Rameswaram, Bay of Bengal, India.

Awards

- Secured **first rank** in B.Sc., Geology from Thiruvalluvar University, Vellore, 632115 (through Jawahar Science College, Neyveli, 607308.)

Courses

- Informea Diploma on the International Legal Framework on the Protection of the Atmosphere, UNITAR.
- Basic principles of Remote Sensing Technology, Basics of GIS and GNSS, and Remote sensing and GIS applications in Carbon Forestry, IIRS, Dehradun.
- E-training of the fundamentals of Aero geophysical survey, GSI Training Institute, Hyderabad.
- Introduction to Human Rights and Environment, International Legal Framework on Transboundary Air Pollution, and Global Framework for Pollution Free Planet, UNITAR.

Conferences

- “International Conference on Paleoclimate Changes (IPCC-2020)” conducted by the Geosciences Research Lab, School of Civil Engineering, Vellore Institute of Technology (VIT), Chennai.

- “Workshop on Applied Micropaleontology, with special reference to Foraminifera and Ostracoda” conducted by the Department of Applied Geology, University of Madras, Chennai.
- “Workshop on Coastal Management with reference to water resources” conducted by the Department of Applied Geology, University of Madras, Chennai.
- “International Association of Sedimentologists – Special Lecture (towards a new generation of facies models for fluvial system and their deposit)” conducted by the Department of Earth Sciences, Annamalai University, Chidambaram.
- “13th International Congress on Climate Change, Territorial Classification and Socio-economic Crisis” conducted by the Department of Geology and Department of Applied Geology, University of Madras, Chennai.

Publications

- **Sabari Nathan, C.**, Rajeshwara Rao. N., Nimmy, P.M., Prakasheswar, P. Epiphytal Foraminifera from Seagrasses and Seaweeds, Off Rameshwaram, Bay of Bengal, India – A Baseline Study. *Marine Micropaleontology* (under review).
- Gopal, V., Krishnamurthy, R. R., Sreeshma, T., Chakraborty, P., **Sabari Nathan, C.**, Kalaivanan, R., & Jayaprakash, M. (2021). Effect of a Tropical Cyclone on the Distribution of Heavy Metals in the Marine Sediments off Kameswaram, Southeast Coast of India. *Marine Pollution Bulletin*, 171, 112741. <https://doi.org/10.1016/j.marpolbul.2021.112741>.

Instruments Handled

- | | |
|---|----------------------|
| ▪ XRF | ▪ Flame photometer |
| ▪ Petrological and Palaeontological Microscopes | ▪ Resistivity meter |
| ▪ Spectrophotometer | ▪ AAS |
| | ▪ ION Chromatography |

Technical Skills

- | | |
|------------------------|--------------------------------|
| ▪ MS Office | ▪ Res1d, Res2d inv & Res3d mod |
| ▪ ArcGis 10.5 (Basics) | ▪ Seisan |
| ▪ Gladisstat | ▪ Python (Learner) |

Fieldwork Experience

- Archean formation of the Alanthur Gate, Karai formation and Badlands topography, Cretaceous Formation of the Ariyalur area, Kallamedu formation – dinosaur egg, Sathanur-National Wood Fossil Park, Uttatur Formation of Gypsum and Phosphatic Nodules, TANCEM, Ariyalur and Perambalur Limestone Sediments, and Kunnam River Bed
- Hasthampatti Magnesite deposits and Iron ore deposits, Chittarkoil Bauxite deposits, Chalk hills and Sheraroy hills, Yercaud, Salem.
- Sittampundi Anorthosite complex and Sithalandhoor Calcite deposits, Namakkal.
- Kadavur basin and gemstone studies in and around Kadavur, Karur.
- Sivanmalai syenite deposits, Kangeyam, Sivagangai graphites and TAMIN.
- NLCIL – Hydrology aspects and determination of Ash, Moisture content of lignite.
- Structural Geology from Thiruvakkarai and Geomorphology of Cuddalore Sandstone, Thiruvanthipuram, Cuddalore.
- Geophysical investigation in search of groundwater Kanagapura district, Karnataka.
- Sediment sample collection using Van Veen grab sampler, Kasimedu harbour, Chennai.
- Frontal Himalayan thrust zone, Gharwall Himalayas, Mussoorie.
- GSI Museum, undercast Manganese mine and Western Coal Field, Nagpur.
- Geomorphological studies in Bhedaghat, Jabalpur.
- Water sample collection for quality analysis, Adyar, Chennai.
- Collection of coral core samples, polishing and growth band analysing in the Gulf of Mannar.
- Seagrass and seaweed collection for dissertation off the coast of Rameswaram, Bay of Bengal.

I solemnly declare that the above-furnished details are correct and true to the best of my knowledge.

Date: 10/10/2021

Sabari Nathan, C.

Dr. N. Rajeshwara Rao, M.Sc., Ph.D.
Professor

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University of Madras
Guindy Campus
Chennai - 600 025

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LETTER OF RECOMMENDATION

TO WHOMSOEVER IT MAY CONCERN

I am extremely pleased to recommend Mr. C. Sabari Nathan for higher studies at your prestigious institute. Sabari has been a student in many of my classes during the past two years, so I have learnt a great deal about him and his abilities, and I know he would do very well if given the opportunity to pursue his education.

Sabari's determination led him to excel in my classes. He consistently obtained excellent marks in his tests and examinations, and his interaction in classes was exemplary. He has an inquisitive mind and great interpretational abilities that will greatly facilitate your university. This inclination stems from his curious bent of mind and nature of questioning.

At a personal level, Sabari is a well-disciplined and diligent student with a pleasant personality. Due to his knowledge and great aptitude for learning, Sabari would be an excellent student for this program and I have no doubts that his abilities and determination will continue to grow.

If you have any other inquiries, questions, and concerns regarding this matter, please do not hesitate to contact me at raonandamuri@gmail.com. I would gladly answer and provide you all the information.

Regards.

Dr. N. RAJESHWARA RAO

Professor

Department of Applied Geology

University of Madras

Chennai 600 025

Prof. N. RAJESHWARA RAO
Department of Applied Geology
Paleoenvironment Research Group (PERG)
University of Madras, Guindy Campus
Opp. Birla Planetarium, Chennai-600 025

Dr. S. Umapathy,
Principal,
Aries Arts and Science College,
Karunkuzhi, Vadalur, Cuddalore,
Tamilnadu, India, 607 303.
Email: sumapathy_ney@yahoo.com
Phone: +91 944 328 6255



11 August 2021

To whomsoever it may concern,

I am pleased to write a letter of recommendation for **Mr. Sabari Nathan, C.** I highly recommend Sabari to your prestigious university for pursuing his higher studies. He completed his BSc degree in Geology (2015-2018) from our department at the Jawahar Science College where I previously worked as Professor. I have lectured him on various subjects throughout his six semesters. He is an exceptional student who excelled throughout his BSc and MSc programmes.

Mr. Sabari Nathan, C, who completed his BSc under my supervision, is one of my department's most outstanding individuals. He has taken part in several departmental events and seminars. He is a winner of a gold medal for securing first rank in the B.Sc., degree program at Thiruvalluvar University, Vellore. He also secured First class with Distinction (D+) in his Master's degree program. He is a natural leader who knows how to work well with others.

He received an excellent grade of 82.4 percentile on his B.Sc., Geology course. During his B.Sc., he had the opportunity to explore the Neyveli lignite mines and ILRIS with the Exploration Geologists and Mining Engineers, and he participated in all of our college's activities from the first year of his degree. His approach to work is full of self-motivation and sincerity, and his work reflects creativity and innovation. I believe he can make a significant contribution to geoscience with his vast knowledge and hard work.

I have no hesitation in recommending **Mr. Sabari Nathan, C,** to pursue his higher studies at your reputed university. His outstanding academic record demonstrates his abilities and skills, making him an ideal candidate for graduate studies. I will gladly provide you with any information that you require.

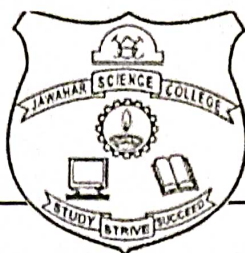
Thanking you for your kind consideration.

Sincerely,

Dr. S. Umapathy.

Dr. S. UMAPATHY, M.Sc., Ph.D.,
Principal
Aries Arts & Science College for Women
Karunkuzhi, Vadalur - 607 303.
Cuddalore Dist.

DR. K. R. TAMILSELVAN
Professor and Head
Mobile: +91 944 247 7595
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DEPARTMENT OF GEOLOGY
JAWAHAR SCIENCE COLLEGE
Block 14, Neyveli, Cuddalore Dt,
Tamilnadu, India, 607 803.

LETTER OF RECOMMENDATION

TO WHOMSOEVER IT MAY CONCERN

It is my pleasure to recommend **Mr. Sabari Nathan, C.** for his higher studies at your reputed institute. He is a very brilliant student and performed exceptionally well throughout his Bachelor of Science degree program in Geology.

Sabari has completed his B.Sc. in Geology under my supervision and is one of the most outstanding personalities to emerge from my department. He actively participated in various department events and seminars. He also achieved the first rank and secured first class with distinction in the academic year of 2015-2018. He has great leadership and organizational skills and knows how to work in a team.

Along with the academic record, Sabari participated in sports and extra-curricular activities. As a person who is always ready to take up responsibilities, he carries out duties with immense dedication.

I have no hesitation in recommending Sabari to pursue his higher studies at your institute. His great academic record showcases his capabilities and skills, which makes him a perfect fit for your program.

Regards,
Dr. K. R. Tamilselvan
Professor and Head
Department of Geology
Jawahar Science College
Neyveli, 607 803.

K.R. Tamilselvan
Dr. K.R. TAMILSELVAN
M.Sc., M.Phil., Ph.D.
Head of the Department,
Department of Geology,
Jawahar Science College,
Block-14, Neyveli-607 803.



LETTER OF RECOMMENDATION

TO WHOMSOEVER IT MAY CONCERN

I am very much pleased to recommend **Mr. C. Sabari Nathan** as a prospective student for the Ph.D. program at your reputed institute. I have known him for the past two years as a postgraduate student of Applied Geology at this university and I had observed him very sincere and hard working.

Mr. C. Sabari Nathan is quite ambitious and career-driven. He works to achieve his goals and is committed to his work. He is a student with self-reliance and good levels of self-confidence. Considering his keen interest in pursuing higher studies and his scholastic promise for research-oriented study, I am confident of his ability to succeed as a research scholar, and I strongly believe that he will scale the highest peaks in his field of research. Hence, I do not have any hesitation in recommending him for admission to the Ph.D. program in your university.

If you have any other enquiries, questions and concerns regarding this matter, please do not hesitate to contact me at smhussain7@hotmail.com. I would gladly answer and provide you all the information.

Regards,

SK. Md. Hussain
Professor and Head 10/11/20

Dr. SHAIK MOHAMMAD HUSSAIN, Ph.D.,
Professor and Head
Department of Geology
University of Madras
Guindy Campus, Chennai-600 025.