

## CURRICULUM VITAE

<b>1. Name</b>	S. SELVARAJ
<b>2. Father's name</b>	V. SETTU
<b>3. Gender</b>	Male
<b>4. Marital status</b>	Married
<b>5. Date of birth</b>	13.04.1980
<b>6. Place of birth</b>	Tiruchirappalli
<b>7. Age (in years) as on 1 Oct.2023</b>	43 yrs 5 months 17 days
<b>8. Nationality and religion</b>	Indian & Hindu
<b>9. Community</b>	MBC
<b>10. Sub caste</b>	Ambalakarar

### **11. Address**

#### ***Permanent Address & Mailing Address***

3/1 B, EAST STREET,  
INIYANUR,  
SOMARASAMPETTAI (PO),  
TIRUCHIRAPPALLI  
Pin Code : 620102.

email-Id : [geoselva1@gmail.com](mailto:geoselva1@gmail.com); [geoselva@nct.ac.in](mailto:geoselva@nct.ac.in)

Mobile Number : 9842792795

**12. Educational Qualifications**

Name of the Examination/Degree passed including Ph.D.	Subjects / Subjects with specialization	Year of passing	Percentage of Marks / Grade /CGPA	Name of the college/University/ Institution/School
Ph.D	Applied Geology	2011	Commended	Bharathidasan University, Tiruchirappalli -24
SET	Earth, Atmospheric, Ocean and Planetary sciences	2006	--	Bharathiar University Coimbatore.
M.Sc	Applied Geology	2002	74%	National College, Tiruchirappalli
B.Sc	Geology	2000	63%	National College, Tiruchirappalli
HSC	Biology	1997	74%	Govt. Hr. Sec. School, Somarasampettai, Trichy- 102
SSLC	General	1995	77 %	Govt. Hr. Sec. School, Somarasampettai, Trichy- 102

**13. PhD Degree Details**

Degree	FT / PT	Title of the Thesis	Name of the Supervisor
Ph.D.	FT	Geochemistry and Genesis of Silica Sand deposits around Marakkanam area, Tamilnadu, India.	Dr. R. Baskaran

**14. Teaching Experience**

S.No.	Position held	Name of the Institution	Temporary / Permanent	Period	
				From	To
1	Assistant Professor	National College (Autonomous), Tiruchirappalli-1	Permanent	19.12.2007	Till Date

**15. Research Experience**

Number of candidates awarded Ph.D	4
Number of candidates pursuing Ph.D	6

**16. Publications**

Research Papers in Referred / UGC Care Journals	11
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**17. Funded Projects**

S.No.	Title of the Project	Duration	Agency	Total Budget in Lakhs
1	Field Investigations for shore line management project along the coastal stretch between Poovar and Thuthukudi, Tamil Nadu Coast	01.07.2015 – 31.03.2017	NIOT, Chennai (MoES, GOI)	22.43
2	Field Measurements of Garnet Sand, Musiri Area, Tamilnadu.	01.01.2016 – 31.03.2016	The Honorable Madras Highcourt, Madurai Bench	2.62

**18. Seminars/Conferences/Workshops/Training programmes etc. attended**

Nature of the Programmes	Number		
	International	National	State Level
Seminar	2	8	--
Conferences	3	--	2
Workshops	--	3	--
Training programmes	--	8	--

### 19. Refresher Courses/Orientation Programmes/Faculty Development Programmes attended

S.No.	Title of the Programme	Institution conducted the Programme	Duration
1	Refresher Course in Disaster Management - Geology	UGC HRDC, Bangaluru University, Karnataka	20.02.2017 – 13.03.2017 (21 days)
2	Refresher Course for NCC ANOs	NCC Officers Training Academy, Kamptee, Nagpur	01.06.2018 – 21.06.2018 (21 days)
3	Refresher Course in Earth Sciences	HRDC, Savithiribhai Phule Pune University, Pune	04.01.2021 to 17.01.2021 (14 days)
4	Refresher Course for NCC ANOs	NCC Officers Training Academy, Kamptee, Nagpur	19.07.2022 to 07.08.2022 (20 days)

### 20. Awards Received

- ✓ Best Teacher Award 2023 by Tamil Sangam, Kulithalai, September 2023

### 21. Others

- Participated in the Scientific Cruise ORV SK 237 from Cochi to Goa, 2007.
- Associated NCC Officer (ANO), Naval Wing NCC, National College, Trichy-1
- Attended various National & State Level NCC Camps
- Nodal officer for the AISHE MHRD Processes, NCT since 2009-10.
- Staff representative for Alumni Association, Anti Ragging Committee, NCT.
- Member Board of studies, NCT & Periyar Univeristy, Salem.
- Chairman UG Board of studies, Periyar University, Salem
- Staff Co ordinator – IESO GSI
- DC Member – PhD Scholars
- External Additional Chief – BDU
- Senate Member – BDU – Teacher Representative – NCT
- Universtiy Nominee, Board of studies, ADM College for women, Nagapattinam.

## LIST OF PUBLICATIONS IN Peer Reviewed / UGC Care JOURNALS

1. Kumar, V, Christinal, J and **Selvaraj, S** (2020) - “Influence of changes in the substrate characters on the benthic foraminifera from the inner shelf of Gulf of Mannar, off Kayalpattinam, Southeast coast of India” The International journal of analytical and experimental modal analysis Volume XII, Issue II, ISSN NO: 0886-9367.
2. Christinal J, Kumar. V, **Selvaraj. S** and T. Gangaimani (2021) – “Inner Shelf Environments and Their Impact on the Distribution of Benthic Foraminifera from the Gulf of Mannar, off Kayalpattinam, Southeast Coast of India” Applied Ecology and Environmental Sciences, Vol. 9, No. 3, pp. 396-409.
3. Christinal J, Kumar. V, **Selvaraj. S** and T. Gangaimani (2021) – “Impact of Estuarine Environments on Benthic Foraminifera – a case study from Tamirabarani River Estuary, Tamilnadu” Journal of Geosciences Research. Vol.6, No. 1, pp 103-112.
4. R. Vijayan, V. Kumar, K. Sivakumar, J. Christinal, S. Selvaraj, T. Gangaimani (2021) – “Influence of Bottom Water Parameters on the Distribution of Benthic Foraminifera from the Gulf of Mannar, Off Tiruchendur, Southeast Coast of India” Applied Ecology and Environmental Sciences, , Vol. 9, No. 9, pp. 786-794.
5. Vijay Kumar S B and **Selvaraj S** (2021) - “Petrology and mineral chemistry of the ultramafic rocks in P. Mettupalayam area, Tamilnadu, India with special reference to the occurrence of Cu, Ni, Cr and PGE” Journal of Applied Geochemistry, Vol. 23, No. 4, pp. 225-236.
6. Sundaramoorthy S, Jawahar Raj N, **Selva Raj S**, Karpagambal R and Kavinraj M (2022) “Delineation of Ground Water Potential Site by Integrated Geophysical Investigations: A Case Study” International Journal of Innovative Science and Research Technology, Volume 7, Issue 11, ISSN No:-2456-2165.

**SEMINARS, CONFERENCES, TRAINING PROGRAMME, WORKSHOPS  
ATTENDED**

- ✓ Advanced Training course in PGE Exploration in Ultramafic complexes of Tamilnadu, Salem, 24-30 September 2018, organized by GSI TI, RTI SR, Govt. of India.
- ✓ Field training on the Geological Mapping in Ayan Karisalkulam area, Tuticorin dt, Tamilnadu, 4-8 February 2019, organized by GSI, Govt. of India.
- ✓ International conference, 20<sup>TH</sup> INQUA CONGRESS, 25-31 July 2019, Dublin, Ireland organized by INQUA.

**Organized Special Lectures as Geology Association Vice President**

1. Dr.A.Sankaran Kutty Nair, a Senior Emeritus Scientist of Centre for Environment and Development, Thiruvananthapuram, Kerala, spoke on “Need for an integrated approach to Ground water Management in India - A key to Sustainable Development” on 4.9.2018.
2. Shri. S. B. Vijay Kumar Suptg. Geologist, Geological Survey of India (GSI), Chennai has delivered a lecture on Geology and Mineral wealth of Tamilnadu on 6.10.2018, at the College Auditorium.

**Lectures Delivered in various organizations as Resource Person**

S.No	Date	Topic	Venue
1	09.01.2018	Sedimentary petrology	BDU-Orathanadu-Thanjavur
2	16.03.2018	Remotsensing Techniques In Irrigation management	PWD Staff Training Institute, Madurai
3	20.03.2018	Remotesensing and GIS in Biological Science	Jamal Mohamed College-Trichy

**Chief guest of a Programme**

- Annual sports day – 2022 – Amrita Vidyalam Senior Secondary school, Trichy
- State level silambam competition –22.01. 2022 – South Indian Silambam Federation, Trichy
- Palmariya seed plantation drive –8.10. 2023 – Rotary Heritage Club, Trichy.

### Geological Field Instructional tours

Sl No.	Places of Visit	Duration	class
1	Salem, Krishnagiri, Mysore, Holenarsepore	February 2016	III UG
2	Salem, Krishnagiri, Mysore, Holenarsepore, Hassan, Belur Halabedu, Byrapura, Sharvanbelagola	12 – 18 February 2017	III UG
3	Kerala & Goa	27.02.2018 – 04.03.2018	I & II PG
4	Arupukotai area, Mapping camp	4-10 February 2019	I & II PG
5	Paleontology	06.02.2020	II UG
6	Geological Heritage sites	11.07.2023	III UG

### TNPSC, Chennai

- 7-10 September 2018
- 17 – 21 July 2023
- 8-10 August 2023

### Administrative Responsibilities

- ✓ *Nodal officer for the AISHE MHRD Processes, NCT since 2009-10*
- ✓ *Discipline committee member, NCT*
- ✓ *AntiRagging committee member, NCT*

### Completed PhD degree as Guide / Co Guide

Sl.No.	Name of the candidate	Year	Subject
1	R. Ganapathisubramanian	2018	Hydrogeology, GIS
2	TWINKLE JACOB	2021	Micropaleontology
3	K. R. Rethikala	2021	Micropaleontology
4	J. Christinal	2022	Micropaleontology

### Completed PG Dissertation as Guide

	Name of the candidate	Year	Title of the Dissertation
1	R. Devanathan	2009	Heavy mineral analysis of cuddalore sandstone in and around Podicherry
2	C. Ramesh	2009	A Study on the water pollution of Thondamangalam area, Karur Dt. Tamilnadu
3	N. Deepak	2010	Grain size and heavy mineral analysis of the beach sediments of Velanganni Coast, East Coast, Tamilnadu
4	V. Jaganathan	2010	Grain size and heavy mineral analysis of the beach sediments of Nagore coast, Tamilnadu
5	A. Prabhakaran	2011	Geochemistry of Garnet Pyroxene Granulite GPG in Jadamangalam, Thathaiyengar Pettai, Tiruchirappalli, Tamilnadu
6	G. Jayabal	2011	An assessment of agricultural degradation around Nachikurichy village, Tiruchirappalli Dt. Using Remote sensing and GIS.
7	M. Deivendiran	2012	An assessment of agricultural degradation around malliyambattu village, Trichy Dt using RS and GIS
8	K. Mahendrarvarman	2012	An assessment of agricultural degradation around Nachikurichy village, Tiruchirappalli Dt. Using Remotesensing and gis.
9	A. Sathishkumar	2013	A study on impact of sand mining, Cauvery river stretch between Musiri and Ayyampalayam, Trichy Dt, Tamilnadu
10	M. Arul Jothi	2013	A study on impact of sand mining, Cauvery river stretch between Srinivasanallur and Musiri, Trichy Dt, Tamilnadu
11	P. Saravanan	2014	Assessment of groundwater quality in and around Thuvakudi Region, Tiruchirappalli dt, Tamilnadu using GIS.
12	C. Rajkumar	2014	Ground water quality in and around the Sembattu region, Tiruchirappalli Dt. Tamilnadu
13	R. Durairaj	2015	Assessment of groundwater quality in Manikandam Union, Srirangam tk, Tiruchirappalli dt, Tamilnadu using GIS
14	A. Jani Sarkar	2015	Granulometric studies in sediments of Nagayanallur lake,



	Kanza		Thottium Tk, Namakkal Dt, Tamilnadu
15	J. Ramana Kishore	2016	Textural characteristics of surface sediments in Cauvery river, Tiruchirappalli Dt, Tamilnadu, India
16	Antony Pani Ridone	2016	Grain size analysis of Cauvery river sediments, Tiruchirappalli Dt, Tamilnadu, India
17	Febeeba K Rasheed	2017	Study of sediment cores of Tharangambadi beach, East Coast of Tamil Nadu
18	L. Vijayapraba	2017	Study of sediment cores of Poompuhar beach, East Coast of Tamil Nadu
19	N. Yohini	2017	Study of sediment cores of Nagapatinam beach, East Coast of Tamil Nadu
20	Aadhil Majeed	2018	Grain size analysis, heavy mineral identification and microfossil observations in beach cores of Poovar and Colechal, Southeast Coast of Tamilnadu, India
21	Joel Mathew	2018	Grain size analysis, heavy mineral identification and microfossil observations in beach cores of Colechal and Kanyakumari, Southeast Coast of Tamilnadu, India
22	Anu Jaisa CS	2020	A study on shoreline changes along Kanyakumari Coast, Tamil Nadu, India
23	Karthikeyan MA	2020	Petrography of crystalline limestone in and around Karur District, Tamil Nadu, India.
24	Naveen Raj L	2021	Comparative study, petrography and geo engineering properties of River Sand and M Sand in Vilupuram District of Tamilnadu
25	Kavin Raj M	2022	Water well drilling and construction, lithology for bore hole in Pathallapetti village, near Grand Anaicut, Thiruverumbur Block, Trichy dt, Tamilnadu - a case study
26	Karpagambal R	2022	Application of integrated geophysical techniques in the investigation of groundwater potential