

PROFORMA FOR BIO-DATA (to be uploaded)

1. Name and full correspondence address
Dr. C. Perumalsamy
Scientist – “C”
Wadia Institute of Himalayan Geology
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2. Email(s) and contact number(s)
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Phone: 8300226468
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3. Institution
Wadia Institute of Himalayan Geology
33, GMS Road
Dehradun – 248001.
4. Date of Birth
17.06.1981.
5. Gender (M/F/T)
Male
6. Whether differently abled (Yes/No)
No

7. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B. Sc	2001-2004	Geology	Manonmaniam Sundaranar University, Tirunelveli (Tamil Nadu)	54 %
2.	M. Sc	2004-2006	Geology	Manonmaniam Sundaranar University, Tirunelveli (Tamil Nadu)	67 %
3.	Ph. D	2008-2015	Earth Sciences	Pondicherry Central University, Puducherry	

8. Ph.D thesis title, Guide’s Name, Institute/Organization/University, Year of Award.

Title: “Geochemical, Sm-Nd and Pb isotopic studies on beach placer monazites from southwestern

coast of India: Importance of the monazites as indicator of the tectono-thermal evolution of source regions”.

Guide Name: Prof. S. Balakrishnan

University: Pondicherry Central University, Kalapet, Pondicherry.

Year of Award: 2015.

9. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
01.	Technical Assistant	National facility for Geochronology and isotope geosciences at Department of Earth Sciences, Pondicherry University, Puducherry	2007	2008	12,000/-
02.	Project Assistant	DST – Purse programme, Department of Earth Sciences, Pondicherry University, Pondicherry.	2015	2016	15,000/-
03.	Scientist - B	Wadia Institute of Himalayan Geology, 33, GMS Road, Dehradun.	2017	2022	Level - 10
04	Scientist - C	Wadia Institute of Himalayan Geology, 33, GMS Road, Dehradun.	2023 Onwards		Level - 11

10. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S. No	Name of Award	Awarding Agency	Year
01.	UGC-NET	UGC	2009
02.	BSR – Meritorious Fellowship	UGC	2012-2016
03.	INSA Visiting Scientist Fellowship	DST-SERB	2019

11. Publications (*List of papers published in SCI Journals, in year wise descending order*).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
01.	C. Perumalsamy, Subhadip Bhadra, S. Balakrishnan	Decoding evolutionary history of provenance from beach placer monazites: a case study from Kanyakumari coast, southwest India	Chemical Geology	427	83-97	2016

12. Books/Reports/Chapters/General articles etc.

S. No	Title	Author's Name	Publisher	Year of Publication
01.	Magnetic susceptibility and mineralogical and Geochemical studies of Neoproterozoic sandstone of Badami Group, Kaladgi Basin, Dharwar Craton, SE India	Babu Nallusamy 1* , Euniksha Mohapatra 2 , C. Perumalsamy 3 , Vijay Anand S 4 , Shri Niveditha R 5 , Sharath Raj B 6 , Syed Hamim Jeelani 7 , Lingadevaru.M 8 , Krishnakumar A 9 , Kocherla Muralidhar 10 , Sundararajan. M 11 and M.A. Mohammed Aslam 12	Excel India Publisher	In Press: ISBN No: 978-93-91355- 17-3

13. Any other Information (maximum 500 words)

ICP MS Co – Overall In-charge (Co - OIC)

The establishment of Closure type PFA Savilex vial sample digestion method in ICP MS Lab, WIHG (Dehradun) with low blank level using the 12 Japan Geological standards (JB-1a, JB-2, JB-3, JR-1, JR-2, JR-3, JGb-2, JP-1, JH-1, JG-2, JG-1a, JA-2).

01. Sample Preparation:

- Whole rock and access minerals digestion using acid mixture (HF: HNO₃: HCl) and Bomb digestion method for ICP MS tracer analysis and ID-TMS Sr-Nd-Pb isotopic ratios measurement
- The chemical separation of Sr, Nd, Pb using Ion exchange Column Chromatography

technique

- Heavy mineral separation and Grain mounting for EPMA major and trace analysis.

Working Experience

Operating in ICP MS, ID-TIMS, EPMA, SEM, X-RD.

Computing:

- **Coral Draw**
- **ARC- GIS**
- **Origin Pro**
- **Sigma Plot**
- **Isoplot**
- **LaTex**
- **MS – Office**