1. Name : **Dr. S. Thirumalini**
2. Highest Qualification(s) : Ph.D.,
3. Post-Doctoral Experience(s) :

i)	Nil

4. Google Scholar :
https://scholar.google.com/citations?hl=en&user=FRe3c8AAAAAJ
5. Group Webpage : https://research.vit.ac.in/researcher/thirumalini-s
6. Research fields : **Ancient materials, Structural materials, Characterization, Conservation, Restoration, Carbon Sequestration**
7. Collaboration :

National	i) State Archeology Departments, ii) Central Archeological Survey of India (ASI) iii) National Research laboratory on conservation and cultural property (NRLC) iv) Indian institute of Technology Madras, v) Hindu Religious and endowment Board
International	i) Slovenian National Building and Civil Engineering Institute, Slovenia ii) Department of Cultural Heritage, University of Padavo, Italy iii) Research center for lime technologies, Czech Academy of sciences, Czech Republic, iv) National Research council of Italy, Italy, v) University of Peradeniya, Srilanka, vi) Newcastle University, United Kingdom, vii) University of Minho, Portugal, viii) University of Pisa, Italy, ix) University of Tubingen, Germany, x) University of Ljubljana, Slovenia, xi) Nova University of Technology, Portugal , xii) Lublin University of Technology, Poland

8. Prize/Fellowships/Awards : Details

Prize		ni
Fellowships		Vi
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Awards		R

9. Membership : List out the membership in professional bodies.

i)	Building Limes Forum, UK
ii)	RILEM (The International Union of Laboratories and Experts in Construction Materials, systems and Structures) Italy
iii)	Indian Society of Technical Education (ISTE)
iv)	Indian Society of Earthquake Technology
v)	ICOMOS

10. Invited Talk : 30
11. Funded Projects/Consultancy : Ongoing: 5 Completed: 14.

Ongoing	i) Shale as supplementary cementing material: Investigation of thermal treatment, grinding, pigmentation, pozzolanic activity and strength (FLSmidth)
Completed	i) Mineralogical studies on clay shale as supplementary cementing material: Investigation of thermal treatment, grinding, pigmentation, pozzolanic activity and strength (FLSmidth)

	ii) Protection of heritage monuments & landmark of national and international importance in India and Srilanka due to direct lightning strikes, Traditional and Scientific methods (DST, India)

12. Ph.D. students : Ongoing: 6 Completed: 3.
13. Graduate projects : Ongoing: 2 Completed: 100
14. Selected publications :

i)	SaridheS. P., M. Hareesh, Shanmuga Priya T, & **Selvaraj T.** (2023). ROLE OF OLIVINE AGGREGATE IN LIME AND CEMENT MORTARS FOR THE SEQUESTRATION OF ATMOSPHERIC CO2. **Materials and Technology**, 57(2), 135–140. https://doi.org/10.17222/mit.2022.719
ii)	Ravi Chandra Malladi, **Thirumalini Selvaraj**. Sustainable production of nanolime using plant extracts by fermentation: A traditional approach towards conservation of heritage structures. **Journal of Cleaner Production**. 2023. Vol. 397. pp. 136580. **Elsevier Publications** https://doi.org/10.1016/j.jclepro.2023.136580.
iii)	Pradeep, S.S., Gummadi, S.N. & **Selvaraj, T.** Living mortars-simulation study on organic lime mortar used in heritage structures. **Eur. Phys. J. Plus.** 2022. Vol. 137. pp. 499. **Springer Publications** https://doi.org/10.1140/epjp/s13360-022-02635-5.
iv)	Shivakumar, M.; Singh, A.; **Selvaraj, T**.; Thangaraj, S. Production of the Traditional Organic Mortars of Padmanabhapuram Palace—A Characterization Study on the Simulated Mortars for Their Compatibility. **Buildings** 2022, Vol. 12, pp. 1466. **MDPI** https://doi.org/10.3390/buildings12091466
v)	**Selvaraj, T**.; Devadas, P.; Perumal, J.L.; Zabaniotou, A.; Ganesapillai, M. A Comprehensive Review of the Potential of Stepwells as Sustainable Water Management Structures. **Water** 2022, Vol.14, pp. 2665. https://doi.org/10.3390/w14172665
vi)	Dolenec, M., Dolenec, S., Saridhe, S.P. et al. Inputs to produce lime mortar for conservation and restoration of Thanjavur Palace, India: characterization study. **Eur. Phys. J. Plus**. 2021. Vol. 136, pp. 929. **Springer** https://doi.org/10.1140/epjp/s13360-021-01897-9
vii)	Shivakumar, M., **Selvaraj, T.** & Dhassaih, M.P. Preparation and characterization of ancient recipe of organic Lime Putty-Evaluation for its suitability in restoration of Padmanabhapuram Palace, India. **Scientific Reports.** 2021. Vol. 11, pp. 13261. **Springer Nature** https://doi.org/10.1038/s41598-021-91680-8
viii)	Shivakumar, M**., Selvaraj, T**. A scientific study on the role of organic lime mortars of Padmanabhapuram Palace, Thuckalay, Tamilnadu, India. **European Physical Journal Plus.** 2020. Vol. 135, pp. 923. **Springer Publications** https://doi.org/10.1140/epjp/s13360-020-00896-6
ix)	Simon Jayasingh, Thirumalini Selvaraj & Simona Raneri. Evaluating the Impact of Organic Addition and Aggregate Gradation on Air Lime Mortar: New Compatible Green Material for Heritage Application, **International Journal of Architectural Heritage,** 2022, vol. 16:5, pp. 681-691, **Taylor & Francis** https://doi.org/10.1080/15583058.2020.1836287
x)	Sriram Pradeep Saridhe, **Thirumalini Selvaraj.** Reporting the ancient green construction technology of limecrete slabs adopted in Udaipur, Rajasthan, **Journal of Cleaner Production**, 2021. Vol 279, pp. 123682, **Elsevier Publications** https://doi.org/10.1016/j.jclepro.2020.123682.

15. Other activities : Not exceedingly more than 5.

i)	3 patents on lime mortars
ii)	Consultant for heritage restoration organizations