

Name : **Dr.C.V.Subramanian**
Designation : **Professor & Director CSAS, PMIST**
(Former Dean, Faculty of Architecture & Planning, PMIST: 2019-2023)
Department : Department of Architecture
Educational : **Ph.D.** in Architecture (2017)
Qualifications : AITP- PG in Town Planning (2005)
B.Arch at NIT,Trichy (1998)
Profession : **Registered Architect (COA)**
CA/1999/24818
Experience : **26 years** in Academics, Research and Administration
Subject of Interest : Energy Efficient, Green buildings,Heritage Buildings and Thermal comfort, Solar Passive Architecture
Publications : : Recent 14 publications:



1. Yaazhini Ramachandran, **C.V.Subramanian**, Analysis of Architectural Works of Geoffrey Bawa, Laurie Baker, and Hassan Fathy with Tropical Modern Relevance, SSRG International Journal of Civil Engineering,2024, vol. 11, no. 9, pp. 1-11 (Scopus)
2. Yaazhini Ramachandran, **C.V.Subramanian**, Impact of Climate Responsive Architecture: Behavioural Approach of User Group (In Terms of Dealing with Tropical Climate), SSRG International Journal of Civil Engineering, 2024, vol. 11, no. 6, pp. 71-78 (Scopus)
3. Hemasree.R., **C.V.Subramanian**, Avoiding Man-made Disasters using Transit-Oriented Development (TOD)-Strategy: Case of Namma Metro, Bengaluru, Disaster Advances 2024, Vol 17(2), pg. 55-65 (Scopus)
4. Komagal Anupama.K., **C.V.Subramanian**, Co-relational study on house front sit-out (Thinnai), its identity, and emotional experience among the occupants of erode – Tamilnadu, Proceedings on Engineering Sciences 2023, Vol 5(3), pg. 485–494 (Scopus)
5. Babu,N.R., **C.V.Subramanian**, Vulnerability Analysis of Fire Disaster Evacuation at old Thanjavur town, India using Space Syntax Method, Disaster Advances, 2023, Vol 16(12), pg. 62–72(Scopus)
6. Babu,N.R., **C.V.Subramanian**, Perception of Fire safety evacuation design towards Fire Disaster in core towns of southern region of India, Disaster Advances, 2023, 16(8), pg. 16–27(Scopus)
7. Hemasree.R., **C.V.Subramanian**, Influences and Impressions of Metro Rail Transit Systems in Urban Spaces: A Review, Civil Engineering and Architecture, 2022, 10(7), pg. 3110–3117(Scopus)
8. Komagal Anupama.K., **C.V.Subramanian**, Co-relational study on courtyard and surrounding spaces its activeness, excitement, and emotional experience among the occupants of Sivaganga – Tamilnadu, Proceedings on

Engineering Sciences, 2023, 5(S1), pg. 11–18 (Scopus)

9. Chithra.K., Bhuvaneshwari.M., **C.V.Subramanian**, An investigation in the direction of inferences of sustainability in physical construction of Pallathur village, AIP Conference Proceedings, 2022, 2515, 020001(Scopus)

10. **C.V.Subramanian**, Dr.N.Ramachandran and Dr.S.Senthamil kumar, “Performance evaluation of Traditional and Modern residential buildings for Thermal Comfort by Questionnaire survey in Thanjavur”, International Journal of Civil Engineering and Technology (IJCIET), 2017, Vol. 8 (2), pg 440-451 (Scopus)

11. **C.V.Subramanian**, Dr.N.Ramachandran and Dr.S.Senthamil kumar, “Design and analysis of Solar Passive Architecture for thermal comfort of residential buildings in warm-humid climate of Thanjavur region”, Indian Journal of Science and Technology (International Journal), 2017, Vol. 10 (9), pg 1-8 (Web of Science).

12. **C.V.Subramanian**, Dr.N.Ramachandran and Dr.S.Senthamil kumar , “A Review of Passive Cooling Architectural Design Interventions for Thermal Comfort in Residential Buildings”, Indian Journal of Scientific Research, 2017, Vol. 14 (1), 163-172 (UGC group journal).

13. **C.V.Subramanian**, Dr.N.Ramachandran and Dr.S.Senthamil kumar, “Comparative Investigation of Traditional, Modern and Designed Solar Passive Building for Thermal comfort in Thanjavur region”, International Journal of Innovations in Engineering and Technology (IJIET), 2016, Vol. 7 (2), 283-291. (ISSN:2319-1058).

14. **C.V.Subramanian**, Dr.N.Ramachandran and Dr.S.Senthamil kumar, “Performance evaluation of solar passive architecture incorporated residence in warm humid climate”, International Journal of Civil Engineering and Technology (IJCIET), 2016, Vol. 7 (6), pg 523-535. (Scopus)

Book/ Chapters Published : 1. Study of Rental Housings and its Policies for the Urban Poor in India Advances in 21st Century Human Settlements, 2024, Part F3155, pp. 687–698A (**Scopus indexed**)

2. C.V.Subramanian, Book Chapter 2. “Psychological Disorders & Well-Being Index in indoor built environment” published through a Collaborative research in Nova Science publishers, Inc.US. ISBN: 979-8-88697-165-1. Book titled: Data Science Applications of Post-COVID-19 Psychological Disorders Published on 20.10.2022. (**Scopus indexed & WHO cited**)

3. C.V.Subramanian, Book chapter 6 “Bio mimicry- integrating nature into architectural construction for sustainable and human centered design” in the book “Unveiling Sustainable Architecture Design and planning: Showcasing Sustainable Strategies in building and urban planning (Paperback)” with ISBN-13 : 979-8892337236 by the Notion Press publishers dated on 21.12.2023.

Books published : 1. Solar Passive Architecture (Thermal comfort - Traditional buildings to Contemporary designed buildings) by Lap Lambert Academic publishers, May 2020 (ISBN: 978-62-025632-3-9)

2. Book of Abstracts of the “International Conference on Sustainable Architecture, Technologies and Built Environment”- (ICSATBE 2020, Jan 2020)(ISBN: 978-81-944228-2-2)
3. Mimarism towards north, June 2020 (ISBN: 978-93-90245-)
4. Architectural study of a village : Mudikondan ISBN: 978939024534-54.
5. Srivanjiyam - an Architectural study of the village ISBN: 978-93-90245-44-4

Patent/ Design patents filed : Patent ID: 345469-001 dated 29.06.2021
Design patent filed and published for the Heliodon solar simulator for Building Study (2021)

Funded Projects/ Grants : Equipments and other gadgets for Building Study in the refurbishment and establishment of PMIST Climatology Research Lab (**CRL 2.0** - PMIST funded: **Rs.60,000.00** (2020). (first established in 2000).

Grants received from other funding Agencies:

- Received **Rs. 1.25 lakh** from Ministry of Home Affairs, National Disaster Management Division, Govt. of India for organizing National Programme for Capacity Building of Architects in **Earthquake Risk Management** (NPCBAERM)at PMIST (2008).
- Received **Rs. 0.90 lakh** from AICTE-COA for organizing National level QIP training on “Environmentally Responsive Architecture” (2003).
- Received **Rs. 1.28 lakh** from AICTE-ISTE for organizing National level QIP training on “Eco Friendly and Sustainable Development” (2002).
- Received **Rs. 1.28 lakh** from AICTE-ISTE for organizing National level QIP training on “Energy Efficiency and Environmental Ecology of Buildings” (2001)
- Established PMIST Audio Visual & Climatology Laboratory MODROBS- **Rs. 5.00 Lakhs** (1999)

Awards and Achievements : ○ Received **Motivating & Admirable Teacher Award** & shield from Council of Architecture (COA) president Ar.Habeeb Khan; awarded by the Indian Institute of Architects (IIA), Tamilnadu chapter on 20.08.2022.

- Received “**Top 20 Eminent Deans in India**” Award for the year 2022 by the Academic Council of uLektz online educational services Ltd.
- Received **Top Performer award** 2021-22 for Architecture department as Dean FAP,PMIST among all the 19 departments of PMIST.
- Served as **Vice Chairman**, Indian Institute of Architects (IIA)-Thanjavur Centre (2019 -20)
- Served as **Executive Committee (EC) Member**, Indian Institute of Architects (IIA)- Tamilnadu Chapter (2006-08)
- Served Twice as **Member, Board of Management (BOM)**, PMIST

(2011-13) & (2020-2023)

- Received **Best Faculty Award** twice at PMIST Commendable work 2019 & 2002)
- Received “**Certificate of Appreciation Award - Best Architect**” from Indian Institute of Architects - Tamilnadu Chapter for the year 2007.
- **Programme Advisory Committee Member** for Architecture programme for Periyar Centenary Polytechnic College, Vallam, Thanjavur (2017-23)
- **Board of Studies member** in Anna University, Madurai from 2010-2012.
- **Syllabus Committee member** of the Bharathidasan University, Trichy for B.Sc Interior Design (2004-2005)
- **Board of Studies member** in Avinashilingam Deemed University, Coimbatore 2006-09
- **Board of Studies member** in Dhanalakshmi Sreenivasan University, Trichy (2023 onwards) and Md. Sathak School of Architecture, Kilakarai- Autonomous under Anna University (2024 onwards)
- Established exclusive Architecture **Climatology Lab** at PMCTW (2000-2001). Re-established as **Climatology Research Lab: CRL 2.0** (2019-2023)
- Invited as **Resource person** for various Presentations on Energy Efficient Buildings in Seminars organized by TEDA (Tamil Nadu Energy Development Agency), MNES, DRDA, Gandhigram Rural University, etc.,
- Invited as **Resource person** for Research Talks/ Doctoral Committee member and Faculty development Programme (FDP) of Sathyabama University (2019-2023) and SRM University, Chennai (2020-2023)
- Programme **Advisory committee member** of Architecture programme at Thiagarajar polytechnic college, Salem (2023).
- **Expert member** in the Thanjavur Smart City project as Architect Planner in the Transport for All (T4All) scheme (2020-2022).
- **Editor in chief of e-Bulletins:** Arch e-Bulletin 15 issues (2021-23) and CSAS e-Bulletin 4 issues (2023-24)
- As a Dean FAP, was instrumental in **establishing 8 MoUs** (2022-24)
- As Convener, organised the **International conference ICSATBE 2020**.

Previous Posts
and other
Administrative
Responsibility

- **Dean.** Faculty of Architecture & Planning, PMIST (2019-2023)
- **Director** CSAS (2011-2019 & 2024 onwards)
- **Warden** CH (2012-2017)
- Founder **Lab ic -Climatology Research Lab** (2000-2006)
- **NAAC** Criteria V Convener (2009-2014), (2014-2019), (2020-till date)
- **Committee Convener**-Grievances Cell, Anti-ragging, Code of conduct
- **NABET accreditation** Coordinator for PMIST
- E-Samadhaan **UGC nodal officer** for University (2024 onwards)

Ph.D guided,
Thesis
submitted &
Ph.D awarded

1. Ar.K.Komagal Anupama- Psychodynamic outcome of the Occupants: An experiential study among Vernacular residential settings in Tamilnadu (May 2024)
2. Ar.R.Hemashree- Impact of Metro rail on Transit Oriented Development (TOD) of an Urban environment – Bengaluru (June 2024)
3. Ar.N.Ramesh babu- Fire Safety Risk Assessment in built environment of old towns- a case of Kumbakonam, Thanjavur and Tiruchirappalli (July 2024)

Initiatives
during my
Administrative
role as Dean
(FAP)
2019-2023

- Initiated, named and consistently organized/ Convener of the following:
1. Arch e-Bulletin (Bimonthly News bulletin)- 2 years: Editor in Chief
 2. Alumni Lecture Series (ALS)
 3. Alumni Mentoring Series (AMS)
 4. Expert Lecture Series (ELS)
 5. Vertical Lecture Series (VLS)- Peer learning students
 6. Vertical Lecture Series (VLS)- Staff
 7. Walk and Talk Series (WTS)
 8. Creative Workshop Series (CWS)
 9. ArchFREAK- Intra department Sports & Cultural activities
 10. PMRF Lecture Series/ Workshop in association with NIT scholars
 11. Monthly Architecture Students/Staff Appreciation Meeting
 12. ArchFEST: Triune Celebration by every September (Architects Day, Teachers day and Students Annual digital Portfolio release)
 13. Refurbished & established new Climatology Research Laboratory (CRL 2.0). New equipments were added under research funding.
 14. GATE Orientation programme for students (4 consecutive years)
 15. International Conference ICSATBE, Global Alumni Architects meet and Keezhadi exhibition as part of Silver Jubilee Celebration 2020, with coinage of theme: 25 years of Creative excellence.
 16. Signed 8 MoUs with various industries and institutions for Academic support & collaborative works, carried out subsequently.

Scopus ID Link : <https://www.scopus.com/authid/detail.uri?authorId=57217192031>

Google Scholar : https://scholar.google.com/citations?user=9I_JDZkAAAAJ&hl=en

Orchid ID Link : <https://orcid.org/0000-0001-9313-0311>

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