

Suresh Babu Karuppannan

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From latest...

- As Principal Architect in ICONS BDC, Chennai – handling architectural and design consultancy projects.
- Worked as Associate Professor in Hindustan University, Padur-Chennai.
- Worked as External- Final year B. Arch - Thesis Guide - Dept. of Architecture, MSAJ Keelakkarai.
- Worked as Professor in CAAD - Chennai Academy of Architecture and Design
- Joined for - Ph. D program in IITM, on a project related to sustainable (Solar) energy systems. (2018)
- Worked as Faculty (tenure) in Faculty of Architecture - SAP Campus, Anna University, Chennai (2019) and prior worked as - Associate Professor in V-SPARC, School of Architecture, VIT, Vellore and prior worked as an Associate Professor in Sathyabama University and AMACE - Kanchipuram (2012-2018)
- Also handled approval process for Chennai Metro Rail Limited (CMRL) projects as local Architect for LKS Architectural Design consultants - a Spain based company whose India operations from Delhi office (for a multistory building at Ekkatuthangal, and special building in Arumbakkam, 4 smaller plot developments) -(2017).
- Worked as Project Architect in Cheralathan Associates, (Theatre projects, Flat Interiors, Hotels, etc) - (2010-2012).
- Prior to that, project managed Web design & development works (offshore), worked abroad in the UK in the web graphic design for two years and earlier started the career by working in multimedia firm as animator, handling 3d visualization projects and freelancing design works. (1997-2010).

Educational Qualification

- PhD titled "Investigations on Wall-Mount Building-Adaptively-Integrated-Photovoltaic Panels for Nearly Net-Zero Energy Building Environment in Tropical Climatic Conditions" in IITM, Chennai June 2026 – provisionally complete.
- M.Arch (Industrial Design)-1996(School of Planning & Architecture (Deemed University, New Delhi)
- B. Arch –1994(Anna University–School Of Architecture & Planning, Chennai)

Professional Experience

Architect ICONS BDC

Handling works for Indian Overseas Bank, Chennai, for its inhouse architectural works that involves interiors and civil works, in progress.

Design & Development of Housing Units @ Thalavaipettai, Bhavani, Erode Dts as a Design-Build projects of 1BHK, 2BHK, 3BHK, in progress.

TEACHING & ACADEMIA

SPADE (School of Planning Architecture and Design Excellence) HINDUSTAN University, Padur- Chennai.

DEPARTMENT OF ARCHITECTURE – ANNA UNIVERSITY, Chennai.

V-SPARC SCHOOL OF ARCHITECTURE –VIT UNIVERSITY, VELLORE: .

Steering Curriculum and Syllabi for Bachelor of Architecture program, in discussion with eminent Board of Studies members, Advisory Board Members ; Architecture Design Studio courses, Theory Courses; Administrative positions held - Time-Table Coordinator, Continuous Assessment Test - Coordinator, Academic Coordinator, Proctor - Coordinator; Faculty Coordinator for ARCH-i-TECH club - run by Students;

Internal Architectural works;

Indian FLAG base platform design (Tallest in South India) ;

MGR statue podium design coordination in Gandhi Nagar- Vellore;

ARCHITECT

Chennai Metro Rail Ltd Projects - Consultants - LKS India

CHERALATHAN ASSOCIATES, Chennai (2010-2012)

Design & Co-ordination of Salem Aascar Cinemas Multiplex project at Salem;

Design & Co-ordination Residential interior project at Nungambakkam for Mr. Ravichandran;

OTHERS

DeskDemon.Com, Shepperton, Middlesex, U K – as Senior Web Designer; (2003-2004)

Gayleseen Ltd, Rotherhithe, London, UK - as Senior Web Designer and coordinator; (2002-2003)

Hexaware Technologies Ltd, Chennai, India – GUI Designer in Corporate Communication Department; (2000-2002)

Cherrysoft Technologies Ltd, Chennai, India – as Web Designer; (1999-2000)

PentaFour Softwares and Exports, Chennai India – As Animator for Character Animation and 3d Building background simulations;(1997-1999)

Panjami TV serial title ; Poomagal Oorvalam film title ; - (1997-1999)

<http://www.deskdemon.com/> ; <http://www.dancematrix.com/> ; <http://www.theenergywizard.com/> - - (2002-2008)

<http://www.ictip.com.au/> ; www.menakacard.in ; www.asianlabs.com ; www.mikaousui.com

PUBLICATIONS

1. Journal Paper

Title: Power generation potential of PV panels on building facades - facing cardinal directions in tropical climatic conditions (S. B. Karuppannan et al., 2025) Reference: SEJA_100118 Article link: <https://doi.org/10.1016/j.seja.2025.100118>

2. Conference Paper

Adaptive Reuse, Reduce and Monitoring Systems in Structural Engineering. In: Das, B.B., Gomez, C.P., Mohapatra, B.G. (eds) Recent Developments in Sustainable Infrastructure (ICRDSI-2020)—Structure and Construction Management. Lecture Notes in Civil Engineering, vol 221. Springer, Singapore. https://doi.org/10.1007/978-981-16-8433-3_27 (K. Suresh Babu, 2022)

3. Conference Paper

Integration of Structural and Energy Generation Systems for Comfort Conditions in Building

Paper presented in Health & Environmental Resilience and Liveability in Cities (HERL) – IEREK Conference, January 20,21 – 2022 (Suresh Babu K, 2022)

4. Conference Paper

Building Integrated Photo Voltaic Panels for Achieving Net Zero Energy in Tropical Climatic Conditions

Paper presented in Health & Environmental Resilience and Liveability in Cities (HERL) – 3rd Edition - 16, Jul / 17, Jul 2024, Online Conference in Collaboration With University Of Perugia, Italy and subsequently accepted by Editorial Board and to be published as a chapter 71 in the Book Series entitled "Advances in Science, Technology and Innovation" (ASTI) by Springer. The ASTI Book Series is fully indexed in Scopus. (S. B. B. N. R. K. S. R. Karuppannan, 2024)

5.National Conference on Architecture and Beyond 2017, in Vidya Pratisthan's School of Architecture, Baramati, Pune;

6.Conference paper published - " Pedagogy and Practice - now!" ICAP,NewDelhi 2019 in Jamia Milia Islamia,New Delhi

HOBBIES

Reading, playing Chess, movies, sports (cricket, football)

PERSONAL DETAILS

Date of Birth: 19 June 1972

Marital Status: Married

Spouse: Suriya (Home Maker)

Children: Madhan and Nithish.

I hereby certify that the above details are true and reflect the graph of my career till date.



SURESHBABU K

CoA Regn No: CA/1995/18057

AIIA – Regn. No:19892

IGBC Member.- IGBCCS220720

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