

Dr. Anil Kumar Chilakapati

B. Arch, M. Arch (IIT-Roorkee), Neuro Sc. Arch (Ex) -SanDiego, CA, PhD (SPA Vijayawada)

Assistant Professor of Architecture
Department of Architecture
School of Planning and Architecture (SPA) Vijayawada



Concise....

Dr. Anil Kumar Chilakapati is an Architect with more than 20 years of *multidisciplinary (Academic and Professional)* experience in Architecture and Environmental Design. He has been a faculty in architecture at SPA Vijayawada since the school's inception in 2009. Dr. Anil is particularly passionate about designing spatial configurations: consent to socio-spatial ecology and user-spatial interfaces, which has motivated him to 'create an architectural ideation' through the user's "sense, environment & behaviour". He is specialist in designing high-rise structures, including Theatres, Malls, Software Offices, Housing, and luxury experiential interiors for stay-retreat & reviving lifestyles. Dr Anil also contributes to developing concepts for real-time spatial operations in both Architecture and Cities by crafting algorithms of AI & ML. His current research Interest is on the rationale explorations among the human brain and built environment, with a specific emphasis on "Spatial Navigation & Cognition in the Context of Architecture and Cities". He received a PhD in architecture from the School of Planning and Architecture (SPA) Vijayawada with a critical research objective on the intuitive navigation of passengers within the entrance lobby of a railway station. He completed the Summer Executive course on "Neuroscience for Architecture" in San Diego, California, USA, in 2017. His research works were published in International Journals and presented at various international conferences, including Harvard Medical School, Boston, UNLV, Las Vegas Nevada, USA, and DZNE Magdeburg, Germany.

NAME: ANIL KUMAR CHILAKAPATI

PROFESSION: Teaching, Research & Institutional Consultancy

PRESENTLY WORKING AS: Assistant Professor of Architecture,
School of Planning and Architecture (SPA) Vijayawada,
(An Institute of National Importance by the Act of Parliament, Ministry
of Education, Govt of INDIA)

WORKING SINCE IN SPAV: October 23, 2009

NATIONALITY: INDIAN

MEMBERSHIP OF PROFESSIONAL SOCIETIES: Council of Architecture, Indian Institute of Architects, ANFA

KEY QUALIFICATIONS

PROFESSIONAL EDUCATION QUALIFICATIONS

- PhD in Architecture from SPA Vijayawada, (2023)
- Neuroscience for Architecture Summer Executive Certificate Course from ANFA & NewSchool, San Diego, USA. August, 2017. – American Institute of Architects credit course.
- Master of Architecture from Indian Institute of Technology (IIT) Roorkee, (2002-2004)
- Bachelor of Architecture from Jawaharlal Nehru Technological University (JNTU), Hyderabad, 1997- 2002.

OTHER TRAINING / WORKSHOPS / SEMINARS ATTENDED

- **“Human Factors in Software Design”**: FDP Program of ATAL Academy, (21-25) June, 2021, IIIT Kanchipuram.
- **"Neuroscience for Architecture"** Summer Executive Certificate Course from Newschool of Architecture & Design, San Diego, USA. August, 2017. - American Institute of Architects credit course.
- 6th Conference of APMCHUD during 14-16 November 2016 at New Delhi.
- 3rd BRICS Urbanisation Forum 2016 , during 14-16 September 2016 at Visakhapatnam.
- ETC VISION'16: Eye tracking and computer vision workshop at Amrita School of Engineering, Bangalore during (18-20) August 2016.
- Training of Teachers (TOT) on “BUILDING PHYSICS AND ENERGY SIMULATION” by USAID

ECO -III Project, VUT- Austria, BEE, Ministry of Power, Government of India at BITS-Ranchi 2011. (Entire Program including travel and stay has been supported by USAID ECO-III Project with Ministry of Power, Government of India).

- “NATIONAL LEVEL WORKSHOP ON METHODS OF IMPROVING TEACHING SKILLS ” by NAAC, 2006, G. Pulla Reddy Engineering College, Kurnool, Andhra Pradesh, India.
- Training of Teachers (TOT) on “NATIONAL LEVEL TRAINING PROGRAMME FOR CAPACITY BUILDING OF ARCHITECTS IN EARTHQUAKE RISK MANAGEMENT” (NPCBAERM) 2005, at School of Planning and Architecture, JNTU, Hyderabad 2005 by Ministry of Home Affairs, National Disaster Management Division, and Government of India.

ARTICLES / RESEARCH PAPERS PUBLISHED IN INTERNATIONAL

- Mr. Anil Kumar Chilakapati, Prof. Dr. Ramesh Srikonda, Prof. Dr. Vijayalakshmi Iyer (2022). Impact of the centrality for public spaces: A case of Railway Station, “Journal of Advanced Education and Sciences, 2022; 2(4);99-108, ISSN NO: 2583-2360
- Mr. Anil Kumar Chilakapati, Prof. Dr. Ramesh Srikonda, Prof. Dr. Vijayalakshmi Iyer (2022). Appreciation of Passenger’s Intuitive Navigation In ‘Ticketing Cum Entrance Lobby’ Of Railway Station – A Case Study of Vijayawada Railway Junction, India, eISSN 1303-5150, NeuroQuantology 2022; 20(10): 4526-4545
- Anil Kumar Chilakapati, Kavita Daryani Rao, Ayon Kumar Tarafdar and Uma Sankar Basina (2015). Creating Awareness of an Evidence-Based Approach to Humanistic-Transit Spaces. International Journal of Humanities and Social Sciences Review, ISSN: 2165-6258 :: 04(02):335–344 (2015).
- Aditya Mahajan, Anil Kumar Chilakapati (2022). BIM Based Inventory Management in Construction of Residential Highrise Building in India. ISSN: 2249-6203 (P) Vol.11 No.2, 2022, The Asian Review of Civil Engineering. pp.35-40.
- Aditya Mahajan, Anil Kumar Chilakapati (2023). A Review of BIM based Inventory Management Workflow and Techniques. ISSN: 2249-6203 (P) Vol.12 No.1, 2023, The Asian Review of Civil Engineering. , pp.18-23.
- Anil Kumar Chilakapati (2012). “Sustainable Villages: Anatomy of Tribal Vernacular Architecture” was published in the International Journal of Global Intelligence & Policy – JGIP, ISSN: 1942-8189 (Print). – (P132-P141) Volume 5, Issue 8.
- Anil Kumar Chilakapati (2012). “Anatomy of Tribal Architecture of Araku Valley” was published in International Journal of Arts and Sciences (IJAS) –ISSN: 1943-6114 (Print). – (143P- 151P) Volume 5, Issue 4.

ARTICLES / RESEARCH PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

- Research Paper titled “Anatomy of Tribal Architecture of Araku Valley” was presented at International Conference, IJAS (International Journal of Arts and Science) at the University of Nevada, Las Vegas, USA, (13- 15) March 2012.

- Research Paper titled, “Creating awareness of an evidence-based approach to humanistic-transit spaces”, International Conference for Social Sciences and humanities at Harvard Medical School, Boston, Massachusetts, USA, (26-30) May 2015.
- Research Titled, “The Influence of Entrance Lobby Space on Passengers’ Anticipation Behaviour” at 4th iSCAN Symposium, a premier scientific conference on spatial navigation in aging and neurodegeneration (4-6) December 2023 at DZNE Magdeburg, Germany.

SPECIAL /GUEST LECTURES / WORKSHOPS CONDUCTED

- Expert Lecture and training on “Pedagogical Techniques to facilitate students' Engagement in the Inter disciplinary Perspective” for National-level faculty development program at JBR School of Architecture, Hyderabad, India.
- Invited Lecture was given on "Spatial Dynamics & Evidence base: as Design perception and evaluation methods" at STTP, Department of Architecture, VNIT, Nagpur on 10 June 2017.
- Special lecture on “SPACE & ITS EXPERIENCES” given at School of Architecture and Planning”, Hyderabad.
- Space - Placemaking
- 2 days National Workshop on the theme" Design Concern", April 2016
- 1 Day National Workshop on "Reading an Urban Environment" for B. Arch - Urban Design Studio
- 2 days National Workshop on " The Folk Cosmos: Art Craft and Architecture" Under DIC (Design and Innovation Center, MoE, Govt of India) during 4-5 November 2016. For more details, visit: www.dicspav.com

AREAS OF INTEREST

- Place cells & Navigation;
- Cognitive - Neuro responsive Architecture and Cities;
- Transit Environment;
- Evidence-based design;
- Design Process and concern.
- Vernacular Architecture and its Anatomy

EXPERIENCE, WHICH BEST ILLUSTRATES THE CAPABILITY AND SUITABILITY

(In the present and previous positions)

2. Duration: 23.10.2009 – till date

Employer: School of Planning and Architecture (SPA)

Vijayawada (*An Institute of National Importance by Act of Parliament*) Ministry of Education, Govt of INDIA,

Correspondent Address: School of Planning and Architecture, Vijayawada. Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India.

Mobile: +91
9640173953.

Position Held: Assistant Professor of Architecture (Regular Scale)

Duties: Teaching courses for both B. Arch & M. Arch (Sustainable Architecture), Active investigator - DIC-SPAV, Purchase committee member, Senate Member, Nodal & Liaison Officer, FIC- Outsourcing staff and Maintenance.

3. Duration: (28-01-2005 to 16-10-2007) & (01-01-2009 to 22-10-2009)

Employer: Sri Venkateshwara College of Architecture, (Affiliated to JNTU, AICTE & COA, New Delhi) Address: Surabhi Educational Society, 86, Madhapur, Hyderabad, Andhra Pradesh, India. Phone: +91 40 23113699.

Position Held: Assistant Professor of Architecture (In Regular Scale by the selections of SPA, JNT University)

Duties: Teaching Students of B. Arch students, Examinations I/C, as per the instructions of the Competent Authority.

4. Duration: 09-08-2004 to 27-01-2005 (As an Academic Associate)

Employer: Sri Venkateshwara College of Architecture, (Affiliated to JNTU, AICTE & COA, New Delhi) Address: Surabhi Educational Society, 86, Madhapur, Hyderabad, Andhra Pradesh, India. Phone: +91 40 23113699.

Position Held: Academic Associate of Architecture (Ad-hoc).

Duties: Teaching Students of Bachelor of Architecture.

5. Duration: 17-10-2007 to 31-12-2008.

Employer: M/S Genesis Planners PVT, Ltd, Jubilee Hills, Hyderabad, Andhra Pradesh, India.

Position Held: Senior Design Architect.

Duties: Designing of various level projects of Residential, Commercial and Entertainment spaces, High-rise and Sustainable Building Projects (IGBC / GRIHA / Green Homes).

6. Duration: 10-06-2003 to 02-08-2003

Employer: VISAKHAPATNAM MUNICIPAL CORPORATION, VIZAG, Andhra Pradesh, India.

Position Held: Trainee Architect (M. Arch - Summer Program) under Shri. P. Thimma Reddy

Duties: Involved in Designing, Planning and execution of the layouts & Housing projects of VMC.

7. Duration: 03-01-2002 to 01-06-2002

Employer: M/S VIVID FORMS, Hyderabad, Andhra Pradesh, India.

Position Held: Jr. Trainee & Drafts man.

Duties: Preparing presentation Drawings, Working Drawings, Co-coordinating Site.

CONTACT INFORMATION

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Anil Kumar Chilakapati
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