

# CV: Dr. Uma Sankar Basina

umasankar@spav.ac.in  
 umasankar.basina@gmail.com  
 +91 9490 449 447

<b>Education</b>	<p><b>PhD</b> in Construction Management, IIT Kharagpur. (Submitted July 2007, Awarded July 2008).</p> <p><b>M. Tech.</b> in 'Building Science and Construction Management', IIT Delhi. (December 2000).</p> <p><b>B. Arch.</b> from Andhra University College of Engineering, Visakhapatnam (August 1996).</p>
<b>Work Experience: Total Experience: Building Industry + Full-time teaching: 17 years 5 months</b>	
<p><b>Teaching:</b></p> <p><b>Total:</b> 17 years 5 months.</p> <p><b>Regular:</b> 11 years 5 months.</p> <p><b>Visiting:</b> 6 years</p>	<p><b>Associate Professor</b>, Dept. of Architecture, School of Planning and Architecture Vijayawada. (Joined September 2020).</p> <p><b>Associate Professor</b>, School of Architecture, GITAM Deemed to be University, Visakhapatnam. (December 2015 To August 2020).</p> <p><b>Principal and Associate Professor</b>, Vaishnavi School of Architecture and Planning Vijayawada, Vijayawada. (June 2015 To December 2015).</p> <p><b>Associate Professor (adhoc)</b>, Dept. of Architecture, School of Planning and Architecture Vijayawada. (July 2014 To May 2015).</p> <p><b>Associate Professor</b>, School of Architecture, GITAM University, Visakhapatnam. (June 2013 To June 2014).</p> <p><b>Assistant Professor</b>, School of Architecture, GITAM University, Visakhapatnam. (September 2012 To May 2013).</p> <p><b>Professor</b> (Visiting), Vaishnavi School of Architecture and Planning, Hyderabad. (October 2010 To September 2012).</p> <p><b>Teaching Assistant</b>, Dept. Of Architecture and Regional Planning, Indian Institute of Technology Kharagpur, West Bengal. (July 2002 To June 2006).</p>
<p><b>Building Industry/Research Experience:</b></p> <p><b>Total:</b> 7 years 10 months.</p>	<p><b>Project Technical Coordinator.</b> Vaishnavi Estates Private Limited, Hyderabad. (October 2010 To September 2012)</p> <p><b>Sr. Architect.</b> Larsen &amp; Toubro Ltd, ECC Division, Ahmadabad. (June 2010 – October 2010)</p> <p><b>Sr. Engineer – Construction Management.</b> My Home Constructions (P) Ltd, Hyderabad. (October 2007 – January 2010)</p> <p><b>Associate Systems Engineer.</b> Tata Infotech Ltd., Pune. (May 2001 – January 2002)</p> <p><b>Research Assistant</b>, Dept. of Civil Engineering, IIT Delhi, New Delhi. (February 2001 to April 2001)</p> <p><b>Architect.</b> Society for Development Alternatives, Bangalore. (October 1998 to July 1999)</p> <p><b>Architect.</b> Dr. B S Bhooshan and Associates, Architects and Planners, Mysore. (January 1997 to April 1998)</p>
<p><b>Computer Proficiency</b></p>	<p>Primavera, MS Project, Powersim Studio (simulation software), Autodesk AutoCAD, Architectural Desktop.</p>

<b>Research Publications</b>	<p>(1) M.Ramesh., Dr. Uma Sankar Basina. <b>Enhancement of Project Delivery and Services in Interior fit-outs in Urban Context.</b> Zeichen Journal, Volume 9(2), pp 45-63 (2023).</p> <p>(2) Anil Kumar Chilakapati, Kavita Daryani Rao, Ayon Kumar Tarafdar and Uma Sankar Basina. <b>Creating Awareness of an Evidence-Based Approach to Humanistic-Transit Spaces.</b> International Journal of Arts &amp; Sciences, Vol. 4, No. 2, pp 335-344 (2015).</p> <p>(3) UmaSankar B., Chattopadhyay S., Sengupta B.K. <b>Construction Scheduling of Large Housing Projects: A Simulation-based Optimization Method.</b> 36<sup>th</sup> International Association for Housing Science World Congress (IAHS 2008), 3-7th November 2008, Kolkata.</p> <p>(4) UmaSankar B., Chattopadhyay S., Sengupta B.K. <b>Scheduling the Constructions of Large Housing Projects; A Simulation-based Optimization Method.</b> Spatio Economic Development Record, Vol-14, No.4 pp14-20 (2007).</p> <p>(5) B UmaSankar, S Chattopadhyay and B K Sengupta. <b>Factors causing construction delays: A survey of large housing projects in India.</b> NICMAR Journal of Construction Management. Vol. 21(4), (2006).</p> <p>(6) B UmaSankar, S Chattopadhyay and B K Sengupta. <b>Construction Project Scheduling: A System Dynamics Approach.</b> Conference on System Dynamics, 4-5<sup>th</sup> November 2005, Tezpur University, Tezpur, Assam.</p>
<b>Editorials</b>	<p>Editor, <b>Proceedings of the National Seminar on Barrier Free Environment for the Persons with Disabilities and the Elderly</b>, Organized by Ministry of Social Justice and Empowerment, Government of India and Indian Institute of Technology Kharagpur, 5<sup>th</sup> – 6<sup>th</sup> February 2004, Kolkata.</p>
<b>Courses Taught So far:</b>	
<b>M. Arch. Level</b> (Sustainable Architecture)	<p>Design Studio-I, Post Occupancy Evaluation of Buildings, Healthy Buildings, Waste Management, Sustainable Built Environment, Issues and Approaches (Seminar).</p>
<b>B. Arch. Level</b>	<p>Architectural Thesis, Professional Practice, Introduction to Building Construction/Project Management, Pre-thesis Seminar, Energy Efficient Green Architecture, Architectural Design, Building Construction, Building Materials, Mechanical &amp; Electrical Services, Water Supply and Sanitation, Building Economics and Sociology, Climatology in Architecture, Introduction to Art and Architecture, Architectural Drawing and Graphics, Basic Design.</p>
<b>Administrative Responsibilities</b>	<ul style="list-style-type: none"> <li>▪ Coordinator, Website Monitoring Committee, SPA Vijayawada. May 2024 onwards.</li> <li>▪ Member, SPAV Annual Report 2023-24 Committee. April 2024 onwards.</li> <li>▪ Faculty-In-Charge (IT/CC), SPA Vijayawada. February 2024 onwards.</li> <li>▪ Faculty-In-Charge, Central Computer Lab, SPAV. February 2024 onwards.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Deputy Centre-In-charge, CCMT 2023, SPA Vijayawada. 2023.</li> <li>▪ Member, Central Library Advisory and Purchase Committee, SPAV. June 2023 onwards</li> <li>▪ Faculty-In-Charge, Tasveer (Photography) Club, SPA Vijayawada. 2023 onwards.</li> <li>▪ Head, Department of Architecture, SPA Vijayawada. April 2023- February 24.</li> <li>▪ Dean Academic, School of Planning and Architecture Vijayawada. Oct2021- Nov 2022.</li> <li>▪ NIRF Coordinator, SPA Vijayawada. 2020 – 2023.</li> <li>▪ Member, Board of Studies, School of Architecture Visakhapatnam, GITAM Deemed to be University, 2019-20.</li> <li>▪ Faculty In-charge for School Library, School of Architecture, GITAM Deemed to be University, 2018-20.</li> <li>▪ Member, Academic Council, GITAM Deemed to be University, 2016-19.</li> <li>▪ Member, Academic Committee, School of Architecture, GITAM Deemed to be University, 2018-19.</li> <li>▪ Special Invitee, Board of Studies, School of Architecture Visakhapatnam, GITAM Deemed to be University, 2017-18.</li> <li>▪ Deputy Director, School of Architecture Visakhapatnam, GITAM Deemed to be University 2016-17.</li> <li>▪ Member, Library Advisory cum Purchase Committee, School of Planning and Architecture Vijayawada, 2014-15.</li> <li>▪ Special Invitee, Board of Studies, School of Planning and Architecture Vijayawada, 2014-15.</li> <li>▪ Member, Academic Committee, School of Architecture, GITAM University Visakhapatnam, 2013-14.</li> <li>▪ Member, Purchase Committee, School of Architecture, GITAM University Visakhapatnam, 2013-14.</li> </ul>
<p><b>Academic Assignments</b></p>	<ul style="list-style-type: none"> <li>▪ <b>Session Chair</b>, Theme B, INCORBE 24: International Conference on RETHINKING BUILT ENVIRONMENT by Tezpur University. 06<sup>th</sup> March 2024.</li> <li>▪ <b>External Member</b>, Doctoral Research Committee, Jawaharlal Nehru Architecture and Fine Arts University. AY 2023-24.</li> <li>▪ <b>External Member, Board of Studies</b>, B.Arch. Programme, Amity School of Architecture and Planning, Amity University Kolkata. 06<sup>th</sup> July 2022.</li> <li>▪ <b>Chairman (External Member)</b>, Board of Studies, B. Tech. Construction Technology and Management, Dr. YSR Architecture and Fine Arts University. AY 2022-23.</li> <li>▪ <b>External Examiner</b>, Planning Studio and Thesis, Dr. APJ Abdul Kalam University, Lucknow. 19<sup>th</sup> &amp; 20<sup>th</sup> February 2022.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ <b>Subject Expert</b>, APRCET-2019 PhD, Department of Architecture, College of Engineering (A), Andhra University, Visakhapatnam, 2020.</li> <li>▪ <b>Academic Auditor</b>, GITAM Deemed to be University, 2018-19.</li> <li>▪ <b>External Jury Member</b>, Architectural Design, B. Arch. IX Semester, Thiagarajar College of Architecture, Madurai. 2018-19.</li> <li>▪ <b>Examination Paper Setting work</b>, Andhra University.</li> <li>▪ Architectural Design Thesis – <b>External Viva-voce Examiner</b>, Andhra University, Visakhapatnam, 2014-15.</li> <li>▪ Architectural Design Thesis – <b>External Viva-voce Examiner</b>, JNAFA University, Hyderabad, 2013-14.</li> <li>▪ <b>External Jury Member</b>, Architectural Design, B. Arch. 3<sup>rd</sup> Year, School of Planning and Architecture Vijayawada, 2012-13.</li> </ul>
<p><b>Professional Certifications</b></p>	<ul style="list-style-type: none"> <li>▪ Qualified as '<b>Indian Green Building Council™</b>' Accredited Professional, Feb 2020.</li> <li>▪ Completed '<b>Energy Conservation Building Code Program and Expert Certification Assessment</b>' July 2019.</li> </ul>
<p><b>Certifications in Continuous Learning</b></p>	<ul style="list-style-type: none"> <li>▪ Secured 89.95% in Coursera On-line MOOC Course <b>New Learning: Principles and Patterns of Pedagogy</b> by University of Illinois at Urbana-Champaign, August 2020.</li> <li>▪ Secured 100% in Coursera On-line MOOC Course <b>University Teaching</b> by The University of Hong Kong, August 2020.</li> <li>▪ Secured 91.3% in Coursera On-line MOOC Course <b>Learning to Teach Online</b> by The University of New South Wales, August 2020.</li> <li>▪ Secured 95.51% in Coursera On-line MOOC Course <b>Introduction to Psychology</b> by University of Toronto, July 2020.</li> <li>▪ Secured 96.5% in Coursera On-line MOOC Course <b>Material Behavior</b> by Georgia Institute of Technology, July 2020.</li> <li>▪ Secured 83.2% in Coursera On-line MOOC Course <b>Foundations of Virtual Instruction</b> by the University of California, Irvine, July 2020.</li> <li>▪ Secured 94.1% in Coursera On-line MOOC Course <b>Learning How to Learn: Powerful mental tools to help you master tough subjects</b> by McMaster University UC San Diego, June 2020.</li> <li>▪ Secured 87.6% in Coursera On-line MOOC course <b>Visual Perception and the Brain</b> by Duke University, June 2020.</li> <li>▪ Secured 97% in Coursera On-line Certificate Course <b>Simulation and Modeling of Natural Processes</b> by University of Geneva, May 2020.</li> <li>▪ Secured 'Elite" Category (top 5%) in "<b>Glass in Buildings: Design and Applications</b>" conducted by NPTEL Online Certification Course, July-October 2018.</li> </ul>

<p><b>Workshops Training Programs</b></p>	<ul style="list-style-type: none"> <li>▪ Faculty Coordinator, <b>Workshop on Universal Accessibility</b> on 15.03.2024 at SPAV.</li> <li>▪ Member, Technical Committee, National Conference on <b>Energy Efficiency in Planning Enhance Urban Resilience</b>, at SPA Vijayawada. 26<sup>th</sup> &amp; 27<sup>th</sup> April 2023.</li> <li>▪ Coordinator, Virtual Workshop on <b>TECHNOLOGY AND INNOVATION</b>, Awas Par Samvaad, Pradhan Mantri Awas Yojana – Urban. 08<sup>th</sup> September 2021.</li> <li>▪ Faculty Development Program on <b>Productivity Tools for Teaching Enhancement</b> conducted by Dhyanaitha Educational Society during 20th April to 3rd May 2020.</li> <li>▪ <b>Energy Simulations in Buildings - Design Builder</b> by Taiba Engineering Consultants, 7-8th March 2020.</li> <li>▪ <b>Green Rating for Integrated Habitat Assessment</b> Training Program on GRIHA V.2015 conducted by GRIHA Council Bangalore, 27-29th February 2020.</li> <li>▪ Three-day Workshop on <b>Effective Teaching-Learning Skills, Center for Learning and Sustainability</b>, GITAM Deemed to be University during 25th – 27th July 2019.</li> <li>▪ <b>Energy Conservation Building Code Program and Expert Certification Assessment</b>, conducted by Administrative Staff College of India, Hyderabad supported by Bureau of Energy Efficiency, through Andhra Pradesh State Energy Conservation Mission during 01st – 04th July 2019.</li> <li>▪ International Workshop on <b>Disaster Mitigation and Management IWDM-2018</b>, by Dept. of Civil Engineering, GITAM Institute of Technology, GITAM Deemed to be University, in collaboration with University of Tokyo, Japan during 10th – 11th December 2018.</li> <li>▪ <b>Hospital Fire and Safety System, Standards, Implementation and Evacuation Measures in case of Exigency</b>”, by Fire and Security Association of India, 21st - 22nd July 2018.</li> <li>▪ <b>“Handling Dissertation &amp; Architectural Project (thesis) at UG Level in Architecture”</b> organized by Council of Architecture at Pune during 18th to 22nd July 2016.</li> <li>▪ <b>"COA Minimum Standards &amp; Online Institute Management System (IMS) – 2015"</b> organized by Council of Architecture at Chennai on 28th October 2015.</li> <li>▪ One Day User Awareness Programme on <b>E-Resources” under UGC-INFONET Digital Library Consortium</b>, Knowledge Resource Center GITAM University, 8th December 2012</li> <li>▪ Attended Intensive continuing education course on <b>Alternative Building Methods for Architects and Engineers</b>, April 12-17th 1999, at Indian Institute of Science, Bangalore.</li> </ul>
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<b>Professional Memberships</b>	<ul style="list-style-type: none"> <li>▪ Life Member, Council of Architecture, India. CA/2005/37197.</li> <li>▪ Associate Member, Indian Institute of Architects, AM-50220.</li> <li>▪ Associate Individual Member, INTACH, AI/19372.</li> <li>▪ Individual Member, Fire &amp; Security Association of India, No. 1803349.</li> <li>▪ Associate Member, Indian Institute of Interior Designers, AM-11109.</li> <li>▪ Ordinary Member, Indian Building Congress.</li> </ul>
<b>Scholarships/ Achievements</b>	<ul style="list-style-type: none"> <li>▪ MHRD Scholarship during PhD at Indian Institute of Technology Kharagpur. 2002-2006.</li> <li>▪ MHRD Scholarship during M. Tech. at Indian Institute of Technology Delhi. 1999-2000.</li> <li>▪ Secured All India Rank 0030 in GATE 1999 (Architecture).</li> <li>▪ Jury member for the event 'Nirman' during ZoNASA' 2005 at IIT Kharagpur.</li> </ul>
<b>Personal Details</b>	DOB / Gender / Status: 15-08-1974 / Male / Married.
<b>Language Compatibility</b>	Read/Write/Speak: Telugu, Hindi, English. Read/Speak: Kannada. Speak: Bengali.
<b>References</b>	<ul style="list-style-type: none"> <li>▪ Prof. Subrata Chattopadhyay, Dept. of Architecture and Regional Planning, Indian Institute of Technology Kharagpur.</li> <li>▪ Dr. K. Mohan, Dean &amp; Head, Faculty of Architecture, Sri Sri Univ., Cuttack.</li> <li>▪ Dr. B S Bhooshan, Architect and Planner, Mysore.</li> </ul>
<b>Declaration</b>	<p>I hereby declare that the above furnished details are true to the best of my knowledge.</p> <p>29<sup>th</sup> May 2024</p> <p>Vijayawada</p> <p style="text-align: right;"><b>Dr. Uma Sankar Basina</b></p>