

CV: Dr. Uma Sankar Basina

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Education	<p>PhD in Construction Management, IIT Kharagpur. (Submitted July 2007, Awarded July 2008).</p> <p>M. Tech. in 'Building Science and Construction Management', IIT Delhi. (December 2000).</p> <p>B. Arch. from Andhra University College of Engineering, Visakhapatnam (August 1996).</p>
Work Experience: Total Experience: Building Industry + Full-time teaching: 15 years 7 months	
<p>Teaching:</p> <p>Total: 13 years 9 months.</p> <p>Regular: 7 years 9 months.</p> <p>Visiting: 6 years</p>	<p>Associate Professor, Dept. of Architecture, School of Planning and Architecture Vijayawada. (Joined September 2020).</p> <p>Associate Professor, School of Architecture, GITAM Deemed to be University, Visakhapatnam. (December 2015 To August 2020).</p> <p>Principal and Associate Professor, Vaishnavi School of Architecture and Planning Vijayawada, Vijayawada. (June 2015 To December 2015).</p> <p>Associate Professor (ad hoc), Dept. of Architecture, School of Planning and Architecture Vijayawada. (July 2014 To May 2015).</p> <p>Associate Professor, School of Architecture, GITAM University, Visakhapatnam. (June 2013 To June 2014).</p> <p>Assistant Professor, School of Architecture, GITAM University, Visakhapatnam. (September 2012 To May 2013).</p> <p>Professor (Visiting), Vaishnavi School of Architecture and Planning, Hyderabad. (October 2010 To September 2012).</p> <p>Teaching Assistant, Dept. Of Architecture and Regional Planning, Indian Institute of Technology Kharagpur, West Bengal. (July 2002 To June 2006).</p>
<p>Building Industry/Research Experience:</p> <p>Total: 7 years 10 months.</p>	<p>Project Technical Coordinator. Vaishnavi Estates Private Limited, Hyderabad. (October 2010 To September 2012)</p> <p>Sr. Architect. Larsen & Toubro Ltd, ECC Division, Ahmadabad. (June 2010 – October 2010)</p> <p>Sr. Engineer – Construction Management. My Home Constructions (P) Ltd, Hyderabad. (October 2007 – January 2010)</p> <p>Associate Systems Engineer. Tata Infotech Ltd., Pune. (May 2001 – January 2002)</p> <p>Research Assistant, Dept. of Civil Engineering, IIT Delhi, New Delhi. (February 2001 to April 2001)</p> <p>Architect. Society for Development Alternatives, Bangalore. (October 1998 to July 1999)</p> <p>Architect. Dr. B S Bhooshan and Associates, Architects and Planners, Mysore. (January 1997 to April 1998)</p>
Computer Proficiency	Primavera, MS Project, Powersim Studio (simulation software), Autodesk AutoCAD, Architectural Desktop.

Research Publications	<p>(1) Anil Kumar Chilakapati, Kavita Daryani Rao, Ayon Kumar Tarafdar and Uma Sankar Basina. Creating Awareness of an Evidence-Based Approach to Humanistic-Transit Spaces. International Journal of Arts & Sciences, Vol. 4, No. 2, pp 335-344 (2015).</p> <p>(2) UmaSankar B., Chattopadhyay S., Sengupta B.K. Construction Scheduling of Large Housing Projects: A Simulation-based Optimization Method. 36th International Association for Housing Science World Congress (IAHS 2008), 3-7th November 2008, Kolkata.</p> <p>(3) UmaSankar B., Chattopadhyay S., Sengupta B.K. Scheduling the Constructions of Large Housing Projects; A Simulation-based Optimization Method. Spatio Economic Development Record, Vol-14, No.4 pp14-20 (2007).</p> <p>(4) B UmaSankar, S Chattopadhyay and B K Sengupta. Factors causing construction delays: A survey of large housing projects in India. NICMAR Journal of Construction Management. Vol. 21(4), (2006).</p> <p>(5) B UmaSankar, S Chattopadhyay and B K Sengupta. Construction Project Scheduling: A System Dynamics Approach. Conference on System Dynamics, 4-5th November 2005, Tezpur University, Tezpur, Assam.</p>
Editorials	Edited Proceedings of the National Seminar on Barrier Free Environment for the Persons with Disabilities and the Elderly , Organized by Ministry of Social Justice and Empowerment, Government of India and Indian Institute of Technology Kharagpur, 5 th – 6 th February 2004, Kolkata.
Courses Taught So far:	
M. Arch. Level (Sustainable Architecture)	Design Studio-I, Post Occupancy Evaluation of Buildings, Healthy Buildings, Waste Management, Sustainable Built Environment, Issues and Approaches (Seminar).
B. Arch. Level	Architectural Thesis, Professional Practice, Introduction to Building Construction/Project Management, Pre-thesis Seminar, Energy Efficient Green Architecture, Architectural Design, Building Construction, Building Materials, Mechanical & Electrical Services, Water Supply and Sanitation, Building Economics and Sociology, Climatology in Architecture, Introduction to Art and Architecture, Architectural Drawing and Graphics, Basic Design.
Administrative Responsibilities	<ul style="list-style-type: none"> ▪ Member, Board of Studies, School of Architecture Visakhapatnam, GITAM Deemed to be University, 2019-20. ▪ Faculty In-charge for School Library, School of Architecture, GITAM Deemed to be University, 2018-20. ▪ Member, Academic Council, GITAM Deemed to be University, 2016-19. ▪ Member, Academic Committee, School of Architecture, GITAM Deemed to be University, 2018-19. ▪ Special Invitee, Board of Studies, School of Architecture Visakhapatnam, GITAM Deemed to be University, 2017-18.

	<ul style="list-style-type: none"> ▪ Deputy Director, School of Architecture Visakhapatnam, GITAM Deemed to be University 2016-17. ▪ Member, Library Advisory cum Purchase Committee, School of Planning and Architecture Vijayawada, 2014-15. ▪ Special Invitee, Board of Studies, School of Planning and Architecture Vijayawada, 2014-15. ▪ Member, Academic Committee, School of Architecture, GITAM University Visakhapatnam, 2013-14. ▪ Member, Purchase Committee, School of Architecture, GITAM University Visakhapatnam, 2013-14.
Academic Assignments	<ul style="list-style-type: none"> ▪ Subject Expert, APRCET-2019 PhD, Department of Architecture, College of Engineering (A), Andhra University, Visakhapatnam, 2020. ▪ Academic Auditor, GITAM Deemed to be University, 2018-19. ▪ External Jury Member, Architectural Design, B. Arch. IX Semester, Thiagarajar College of Architecture, Madurai. 2018-19. ▪ Examination Paper Setting work, Andhra University. ▪ Architectural Design Thesis – External Viva-voce Examiner, Andhra University, Visakhapatnam, 2014-15. ▪ Architectural Design Thesis – External Viva-voce Examiner, JNAFA University, Hyderabad, 2013-14. ▪ External Jury Member, Architectural Design, B. Arch. 3rd Year, School of Planning and Architecture Vijayawada, 2012-13.
Professional Certifications	<ul style="list-style-type: none"> ▪ Qualified as 'Indian Green Building Council™' Accredited Professional, Feb 2020. ▪ Completed 'Energy Conservation Building Code Program and Expert Certification Assessment' July 2019.
Certifications in Continuous Learning	<ul style="list-style-type: none"> ▪ Secured 89.95% in Coursera On-line MOOC Course New Learning: Principles and Patterns of Pedagogy by University of Illinois at Urbana-Champaign, August 2020. ▪ Secured 100% in Coursera On-line MOOC Course University Teaching by The University of Hong Kong, August 2020. ▪ Secured 91.3% in Coursera On-line MOOC Course Learning to Teach Online by The University of New South Wales, August 2020. ▪ Secured 95.51% in Coursera On-line MOOC Course Introduction to Psychology by University of Toronto, July 2020. ▪ Secured 96.5% in Coursera On-line MOOC Course Material Behavior by Georgia Institute of Technology, July 2020.

	<ul style="list-style-type: none"> ▪ Secured 83.2% in Coursera On-line MOOC Course Foundations of Virtual Instruction by the University of California, Irvine, July 2020. ▪ Secured 94.1% in Coursera On-line MOOC Course Learning How to Learn: Powerful mental tools to help you master tough subjects by McMaster University UC San Diego, June 2020. ▪ Secured 87.6% in Coursera On-line MOOC course Visual Perception and the Brain by Duke University, June 2020. ▪ Secured 97% in Coursera On-line Certificate Course Simulation and Modeling of Natural Processes by University of Geneva, May 2020. ▪ Secured 'Elite' Category (top 5%) in "Glass in Buildings: Design and Applications" conducted by NPTEL Online Certification Course, July-October 2018.
Workshops Training Programs	<ul style="list-style-type: none"> ▪ Faculty Development Program on Productivity Tools for Teaching Enhancement conducted by Dhyanaitha Educational Society during 20th April to 3rd May 2020. ▪ Energy Simulations in Buildings - Design Builder by Taiba Engineering Consultants, 7-8th March 2020. ▪ Green Rating for Integrated Habitat Assessment Training Program on GRIHA V.2015 conducted by GRIHA Council Bangalore, 27-29th February 2020. ▪ Three-day Workshop on Effective Teaching-Learning Skills, Center for Learning and Sustainability, GITAM Deemed to be University during 25th – 27th July 2019. ▪ Energy Conservation Building Code Program and Expert Certification Assessment, 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. ▪ International Workshop on Disaster Mitigation and Management IWDMM-2018, 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. ▪ Hospital Fire and Safety System, Standards, Implementation and Evacuation Measures in case of Exigency", by Fire and Security Association of India, 21st - 22nd July 2018. ▪ "Handling Dissertation & Architectural Project (thesis) at UG Level in Architecture" organized by Council of Architecture at Pune during 18th to 22nd July 2016. ▪ "COA Minimum Standards & Online Institute Management System (IMS) – 2015" organized by Council of Architecture at Chennai on 28th October 2015. ▪ One Day User Awareness Programme on E-Resources" under UGC-INFONET Digital Library Consortium, Knowledge Resource Center GITAM University, 8th December 2012

	<ul style="list-style-type: none"> ▪ Attended Intensive continuing education course on Alternative Building Methods for Architects and Engineers, April 12-17th 1999, at Indian Institute of Science, Bangalore.
Professional Memberships	<ul style="list-style-type: none"> ▪ Life Member, Council of Architecture, India. CA/2005/37197. ▪ Associate Member, Indian Institute of Architects, AM-50220. ▪ Associate Individual Member, INTACH, AI/19372. ▪ Individual Member, Fire & Security Association of India, No. 1803349. ▪ Associate Member, Indian Institute of Interior Designers, AM-11109. ▪ Ordinary Member, Indian Building Congress.
Scholarships/ Achievements	<ul style="list-style-type: none"> ▪ MHRD Scholarship during PhD at Indian Institute of Technology Kharagpur. 2002-2006. ▪ MHRD Scholarship during M. Tech. at Indian Institute of Technology Delhi. 1999-2000. ▪ Secured All India Rank 0030 in GATE 1999 (Architecture). ▪ Jury member for the event 'Nirman' during ZoNASA' 2005 at IIT Kharagpur.
Personal Details	DOB / Gender / Status: 15-08-1974 / Male / Married.
Language Compatibility	Read/Write/Speak: Telugu, Hindi, English. Read/Speak: Kannada. Speak: Bengali.
References	<ul style="list-style-type: none"> ▪ Prof. Subrata Chattopadhyay, Dept. of Architecture and Regional Planning, Indian Institute of Technology Kharagpur. ▪ Dr. K. Mohan, Director, School of Architecture, GITAM Deemed Univ., Visakhapatnam. ▪ Prof. K C Iyer, Dept. of Management Studies, Indian Institute of Technology Delhi. ▪ Dr. B S Bhooshan, Architect and Planner, Mysore.
Declaration	<p>I hereby declare that the above furnished details are true to the best of my knowledge.</p> <p>03 September 2020</p> <p>Vijayawada</p> <p style="text-align: right;">Dr. Uma Sankar Basina</p>