


<p><b>Dr. Natraj Kranthi</b>  Professor, Department of Urban and Regional Planning  School of Planning and Architecture, Bhopal  (An Institution of National Importance, Ministry of Education, Govt. of India)  Neelbad Road, Bhauri, Bhopal - 462030, Madhya Pradesh, India  natraj.kranthi@spabhopal.ac.in</p>	
<b>Educational Qualifications</b>	<ul style="list-style-type: none"> <li>• PhD (Doctor of Philosophy), Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad</li> <li>• MURP (Master of Urban and Regional Planning), JNTU School of Planning and Architecture, Hyderabad</li> <li>• B.Arch (Bachelor of Architecture), JNTU School of Planning and Architecture, Hyderabad</li> </ul>
<b>Administrative Responsibilities (Present)</b>	<ul style="list-style-type: none"> <li>• Head, Department of Urban and Regional Planning, SPA Bhopal</li> <li>• Head, Department of Transport Planning, SPA Bhopal</li> </ul>
<b>Administrative Responsibilities (Previous)</b>	<ul style="list-style-type: none"> <li>• Dean Academic, SPA Vijayawada (2017-19)</li> <li>• Coordinator of Research Programme, SPA Vijayawada (2019-20)</li> <li>• Principal Investigator/ DIC Coordinator, SPA Vijayawada (2017-19)</li> <li>• Chairman, Central Library Advisory and Purchase Committee, SPA Vijayawada (2017)</li> <li>• Chairman, Annual Report Preparation Committee, SPA Vijayawada (2014-15 &amp; 2015-16)</li> <li>• Chairman, Academic Calendar Preparation Committee, SPA Vijayawada (2016-17)</li> <li>• GIS Lab Incharge, SPA Vijayawada (2013-16)</li> <li>• Coordinator of Research Programme, SPA Vijayawada (2014-15)</li> <li>• GIS Lab Incharge, SPA Bhopal (2010-13)</li> </ul>
<b>Areas of Interest</b>	<ul style="list-style-type: none"> <li>• Urban Land Tenure - Security of tenure for the urban poor</li> <li>• Geospatial modelling and urban planning applications Inclusive planning- Basic services to the urban poor, informal housing, urban poverty and slum improvement.</li> <li>• Urban morphology and growth analysis</li> <li>• Architectural daylighting</li> </ul>
<b>Work Experience</b>	<p><u>Teaching Experience</u></p> <ul style="list-style-type: none"> <li>• Professor, Department of Urban and Regional Planning, School of Planning and Architecture, Bhopal (March 2020 to date)</li> <li>• Associate Professor, Department of Planning, School of Planning and Architecture, Vijayawada (October 2013 to March 2020).</li> <li>• Assistant Professor, Department of Planning, School of Planning and Architecture, Bhopal (June 2010 to October 2013).</li> <li>• Lecturer (on contract), Department of Urban and Regional Planning, JNTU School of Planning and Architecture, Hyderabad (2005-06).</li> <li>• Visiting Faculty (2003-10)-Department of Urban and Regional Planning, Department of Architecture, Part-Time Degree Course (Architecture), Part-Time Post Graduation (PTPG), Digital Techniques for Design &amp; Planning, School of Planning and Architecture, JNAFAU (erstwhile JNTU), Hyderabad.</li> </ul> <p><u>Industrial Experience</u></p> <ul style="list-style-type: none"> <li>• Senior Architect, V.S. Associates, Hyderabad (2007-2010).</li> <li>• Senior Manager-Training &amp; Development, eLogic Solutions India Pvt. Ltd., Secunderabad (2007).</li> <li>• Town Planning Resource Person, Andhra Pradesh Urban Services for the Poor (A DFID Funded Project) (2004-05).</li> </ul>
<b>Key Publications</b>	<ol style="list-style-type: none"> <li>1. Namperumal, Sridharan; Kranthi, Natraj; Kuchavaram, Madhukar; (2020), Presented Paper titled <i>Pandemic Spread in Metropolitan Cities of India-Spatial Planning Factors</i>. Trapani F, Alberti F, Maruthaveeran S (Eds). Advances in Urban Planning and Architectural Design for Sustainable Development, Conference Proceedings of Urban Planning and Architectural Design for Sustainable Development. 5<sup>th</sup> Edition. IEREK, IEREK Press Academic Research Community.</li> </ol>

2. Myneni, Kranti Kumar; Kranthi, Natraj. 2019. Factors Affecting the Day lighting performance in the Residences. International Journal of Recent Technology and Engineering (IJRTE) (ISSN: 2277-3878). Vol.7, No.6S2, pp.760-766. Blue Eyes Intelligence Engineering & Sciences Publication. Retrieval Number F11270476S219/19. <https://www.ijrte.org/wp-content/uploads/papers/v7i6s2/F10960476S219.pdf>
3. Ahmed, Deen Maqbool; Kranthi, Natraj; Jain, Minakshi. 2018. *Developing Indicators for Slum Water Poverty Index*. Research Journal of Applied Sciences, ISSN: 1815-932x (Print), ISSN: 1993-6079 (Online), Vol. 13, Issue 10: 610-615. Medwell Journals. doi:10.3923/rjasci.2018.610.615. <http://medwelljournals.com/abstract/?doi=rjasci.2018.610.615>
4. Ahmed, Deen Maqbool; Kranthi, Natraj. 2018. *Conceptual Framework for Water Poverty*, International Journal of Applied Engineering Research. ISSN 0973-4562. Vol. 13, No. 6 (2018) pp. 3700-3704, Research India Publications. <http://www.ripublication.com>. [https://www.ripublication.com/ijaer18/ijaerv13n6\\_75.pdf](https://www.ripublication.com/ijaer18/ijaerv13n6_75.pdf)
5. Ahmed, Faiz; Kranthi, Natraj. 2018. *Flood Vulnerability Assessment using Geospatial Techniques: Chennai, India*. Indian Journal of Science & Technology. Vol. 11 (6). ISSN (Online): 0974-5645, ISSN (Print): 0974-6846. Indian Society of Education and Environment, Chennai, India. doi:10.17485/ijst/2018/v11i6/110831. <http://www.indjst.org/index.php/indjst/article/view/110831/83652>
6. Myneni, Kranti Kumar; Kranthi, Natraj. 2017. *Impact of Setbacks on Interior Daylighting in Residential Buildings: A Case Study of Vijayawada, India*. Indian Journal of Science & Technology. Vol. 10 (42). ISSN (Online): 0974-5645, ISSN (Print): 0974-6846. Indian Society of Education and Environment, Chennai, India. doi:10.17485/ijst/2017/v10i42/111587. <http://www.indjst.org/index.php/indjst/article/view/111587/82756>
7. Kranthi, Natraj; AL, Valliappan. 2016. *Need for a Shift in Pedagogy for Teaching Fundamentals of Planning Education*. In A. Kumar, D.S. Meshram & K. Gowda, eds. *Urban and Regional Planning Education*. ISBN 978-981-10-0607-4, ISBN 978-981-10-0608-1, Singapore: Springer. pp.107-14. doi: 10.1007/978-981-10-0608-1\_8 [http://link.springer.com/chapter/10.1007/978-981-10-0608-1\\_8](http://link.springer.com/chapter/10.1007/978-981-10-0608-1_8)
8. Myneni, Kranti Kumar; Kranthi, Natraj. 2016. *Impact of Setbacks on Window Sizes: Guidelines for a Comfortable Daylighting in Residential Buildings* (Abstract), The 3<sup>rd</sup> International Conference on Arts and Humanities (ICOAH-2016) (22-23 September 2016). ISBN: 978-955-4903-60-9. Bali, Indonesia: The International Institute of Knowledge Management (TIKM). <http://fineartsconference.com/wp-content/uploads/2015/12/ICOAH-2016-abstract-book.pdf>
9. Ahmed, Deen Maqbool; Kranthi, Natraj. 2016. *Theoretical Understanding of Water Poverty*. Proceedings of 4<sup>th</sup> India Water Week-2016, Water for All: Striving Together (4-8 April 2016). Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India, National Water Development Agency. New Delhi.
10. Kranthi, Natraj; Beniwal, Akanksha; Mariadoss, Michelle; Sahitani, Pawan. 2015. *Perceived Security of Tenure in Squatter Settlements: A Case Study of Vijayawada, India*, International Advanced Research Journal in Science, Engineering and Technology (ISSN-Online-2393-8021) (ISSN-Print-2394-1588), Vol.2, Issue 5, IARJSET, Chennai, India. doi:10.17148/IARJSET.2015.2501. <http://www.iarjset.com/upload/2015/may-15/IARJSET%201.pdf> [https://www.researchgate.net/publication/327885140\\_Perceived\\_Security\\_of\\_Tenure\\_in\\_Squatter\\_Settlements\\_A\\_Case\\_Study\\_of\\_Vijayawada\\_India](https://www.researchgate.net/publication/327885140_Perceived_Security_of_Tenure_in_Squatter_Settlements_A_Case_Study_of_Vijayawada_India)
11. Kranthi, Natraj; Valliappan AL. 2015. *Need for Paradigm Shift in Pedagogy for Teaching the Fundamentals of Physical Planning Education*, International Advanced Research Journal in Science, Engineering and Technology (ISSN-Online-2393-8021) (ISSN-Print-2394-1588), Vol.2, Issue 1, IARJSET, Chennai, India. doi: 10.17148/IARJSET.2015.2110 <http://www.iarjset.com/upload/2015/january/IARJSET10.pdf>
12. Kranthi, Natraj. 2012. *Towards Sustainability of the Urban Poor: A Conceptual Model for Tenure Security*. Spandrel, Spring Issue 4, SPA Press, Bhopal, pp81-86.

	<p>13. Kranthi, Natraj. 2010. <i>Impact of JNNURM: Laxmiguda, Hyderabad</i>. Context (ISSN No: 0973-502X), Vol. VII Issue 2, DRONAH, South City-I, Gurgaon, Haryana. pp177-181. <a href="https://www.dronah.org/wp-content/uploads/2017/03/context-12.pdf">https://www.dronah.org/wp-content/uploads/2017/03/context-12.pdf</a></p> <p>14. Kranthi, Natraj and Daryani Rao, Kavita. 2010. <i>Security of Tenure and Protection Against Evictions of Slums Dwellers: A Case of Hyderabad</i>, ITPI Journal (ISSN 0537-9679), Vol. 7, No.2, Institute of Town Planners, India, New Delhi. pp41-49. <a href="http://www.itpi.org.in/pdfs/apr5_10.pdf">http://www.itpi.org.in/pdfs/apr5_10.pdf</a></p> <p>15. Kranthi, Natraj; Daryani Rao, Kavita. 2009. <i>Security of Tenure of Urban Poor Settlements: Trends and Experiences</i>, Urban India (ISSN-0970-9045), Vol. XXIX, No.2, National Institute of Urban Affairs (NIUA), India Habitat Centre, New Delhi. Pp70-84. <a href="http://www.niua.org/urban-india/urban-india-2009-jul-dec">http://www.niua.org/urban-india/urban-india-2009-jul-dec</a></p> <p>16. Kranthi, Natraj; Daryani Rao, Kavita. 2009. <i>Security of Tenure and its Link to Urban Basic Services in Slums: A Case of Hyderabad</i>. The ICFAI University Journal of Infrastructure (ISSN-0972-9194), Vol. VII, Nos 3 &amp; 4. The ICFAI University Press, Srinagar Colony, Hyderabad. pp103-113. <a href="https://www.iupindia.in/909/IJI_Security_of_Tenure_Urban_Basic_Services_103.html">https://www.iupindia.in/909/IJI_Security_of_Tenure_Urban_Basic_Services_103.html</a></p> <p>17. Kranthi, Natraj. 2009. <i>Conceptual Understanding of the Definitions of Slums</i>. Nagarlok (ISSN-0027-7584), Vol. XLI, No.2, Centre for Urban Studies, Indian Institute of Public Administration (IIPA), Indraprasth Estate, New Delhi, pp24-30.</p> <p>18. Kranthi, Natraj. 2000. <i>Equal Opportunity with Barrier Free Environment</i>. National Seminar on Design for Disabled and Elderly Persons, March 31 to April 01, 2000. Department of Urban and Regional Planning, JNTU School of Planning and Architecture, Hyderabad, pp28-33</p> <p>19. Kranthi, Natraj. 1999. First Person, Success and Ability, India's Cross Disability Magazine, Vol 4, No.1, Ability Foundation, Chennai. P15.</p>
<b>Patent</b>	1. Umbrella device for temporary housing (No. 202041009129), 03.03.2020
<b>Research / Consultancy Projects</b>	<p>1. SPA Bhopal Team Member, BReUCom (Building Resilient Urban Communities), A project funded under EU Erasmus+ Program</p> <p>2. Member, Unnat Bharat Abhiyan, SPA Vijayawada (2017-20)</p> <p>3. Principal Investigator, Design Innovation Centre, SPA Vijayawada (2017-19)</p> <p>4. Principal Investigator, <i>Madhya Pradesh, Administrative Atlas, Town and Village Level Information</i>, SPA Bhopal (2013).</p> <p>5. Kranthi N, Kapshe M and Alam A, <i>Country Status Report –India</i>, United Nations University Institute for Sustainability and Peace (UNU-ISP) (2011).</p> <p>6. Research Associate (Part Time), AICTE Project: <i>Energy Efficiency in Large Buildings through Effective Daylight Design</i>, (Principal Investigator: Prof. Ch. Srinivas), JNTU School of Planning and Architecture, Hyderabad (2006).</p> <p>7. Research Associate (Part Time), AICTE Project: <i>Technology for Low-Income Housing in Urban Areas</i>, (Principal Investigator: Dr.Kavita Daryani Rao), JNTU School of Planning and Architecture, Hyderabad (2003-05).</p>
<b>Editor</b>	<p><u>Journal Editor</u> Co- Issue Editor, SPANDREL (ISSN 2231-4601), Monsoon Issue 5, <i>Climate Change and Human Settlements</i>, 2012</p>
<b>Select Presentations / Contributions</b>	<p>1. Lecture on <i>Pandemic and Urban Resilience through Geospatial Technologies</i> on 18<sup>th</sup> March 2021. A five day (online) Professional Development Programme on 'Visioning Resilient Jodhpur' (16-20 March 2021).</p> <p>2. Lecture on <i>Pandemic and Institutional Resilience through the lens of Spatial Convergence -A study of Metropolitan Cities in India</i> on 29<sup>th</sup> January 2021. Professional Development Programme on 'Institutional Resilience for Informed Decisions' BReUCom (Erasmus + EU Funded Project). 28 January – 02 February 2021.</p> <p>3. Lecture on <i>Pandemic, Marginalised Communities and Resilience</i> on 26<sup>th</sup> November 2021. Professional Development Programme on 'Marginalised Communities and Resilience' BReUCom (Erasmus + EU Funded Project), (23-27 November 2020)</p> <p>4. Lecture on <i>Pandemic, Resilience and Technology</i> on 22<sup>nd</sup> October 2021. Professional Development Programme on 'Urban Resilience and Transforming Communities', BReUCom (Erasmus + EU Funded Project) (19-23 October 2020)</p> <p>5. Panel discussion, One Day Seminar, <i>Housing Regeneration and Strengthening</i></p>

	<p><i>Communities</i>, World Town Planning Day-2015, 18<sup>th</sup> November, 2015, SPA Vijayawada.</p> <p>6. Round Tables on <i>Smart Cities &amp; Inclusion</i> (2015), British Deputy High Commission Hyderabad, 5<sup>th</sup> August 2015, Taj Gateway, Vijayawada.</p> <p>7. <i>Remote Sensing and GIS Applications</i>, Workshop on Principles and Applications of GIS, 18<sup>th</sup> December 2012, NITTTTR, Bhopal, India.</p> <p>8. <i>Spatial Data Analysis</i>, Workshop on 'Introduction to GIS and its Applications', 4<sup>th</sup>-6<sup>th</sup> July 2012, Madhya Pradesh Vikas Pradhikaran Sangh, Bhopal, India.</p> <p>9. <i>Security of Tenure and its Link to Urban Basic Services</i>, Knowledge Exchange Series, 12<sup>th</sup> August 2011, SPA Bhopal, Bhopal, India</p> <p>10. <i>Creativity and Design Approaches</i>, One Day Workshop, 14<sup>th</sup> November 2007, Department of Architecture, JNTU, Hyderabad, India.</p> <p>11. <i>Scope of Urban Planning Education and Profession in India and Abroad</i>, NOSPLAN-2007, May 01, 2007, Department of Urban and Regional Planning, JNTU School of Planning and Architecture, Hyderabad, India.</p> <p>12. <i>Understanding Creativity, Zonal NASA Convention 2007, 18-10-2007, Sri Venkateshwara College of Architecture, Hyderabad.</i></p> <p>13. <i>Understanding Creativity</i>, Open Forum, 27<sup>th</sup> October 2007, eLogic Solutions India Pvt. Ltd., Secunderabad, Andhra Pradesh.</p> <p>14. <i>Municipal Applications of GIS</i>, Workshop on 'Municipal Applications of GIS', 18<sup>th</sup> January 2006, JNTU School of Planning and Architecture, Hyderabad, India.</p> <p>15. <i>Concepts of GIS</i>, Staff Development Programme, 18<sup>th</sup> March 2006, Department of Urban and Regional Planning, JNTU School of Planning and Architecture, Hyderabad, India.</p> <p>16. Kranthi, Natraj (April 2000), <i>Equal Opportunity with Barrier Free Environment</i>, National Seminar on Design for Disabled and Elderly Persons, March 31 to April 01, 2000, Department of Urban and Regional Planning, JNTU School of Planning and Architecture, Hyderabad.</p>
<b>My Theses</b>	<ol style="list-style-type: none"> <li>1. PhD Thesis – Security of Tenure and its Link to Urban Basic Services in Slums</li> <li>2. MURP Thesis – Towards Sustainability in Urban Areas: Model for Evaluation</li> <li>3. B.Arch Thesis – Design of Apartments with Special Emphasis to Daylighting</li> </ol>
<b>Thesis Guidance</b>	<p>No. of PhDs: 04</p> <p>No. of M.Plan (URP) theses: 12</p> <p>No. M.Plan (EP) thesis: 04</p> <p>No. of B.Plan theses: 19</p> <p>No. of B.Arch theses: 08</p>
<b>Subjects Taught</b>	<p><u>School of Planning and Architecture, Bhopal (Since 2020)</u></p> <ol style="list-style-type: none"> <li>1. Regional Planning Studio</li> <li>2. Transport Planning PG Studio</li> <li>3. Pre-thesis programming (URP)</li> <li>4. Pre-thesis programming (TP)</li> <li>5. Advanced GIS (B.Plan)</li> <li>6. Advanced GIS (EP)</li> </ol> <p><u>School of Planning and Architecture, Vijayawada (2013-2020)</u></p> <ol style="list-style-type: none"> <li>7. Master Planning Studio</li> <li>8. Area Development Plan Studio</li> <li>9. Site Planning Studio</li> <li>10. Graphic Studio</li> <li>11. Graphics and Presentation Techniques</li> <li>12. Mapping Studio</li> <li>13. Built Environment and Site Planning Studio</li> <li>14. Inclusive Planning</li> <li>15. Integrated Planning for Informal Sector</li> <li>16. Advanced Geo-informatics</li> <li>17. Quantitative Methods</li> <li>18. Introduction to Urban and Regional Planning</li> <li>19. Computer Applications</li> <li>20. Introduction to Geo-informatics</li> <li>21. Applications of Geo-informatics</li> <li>22. Contemporary Planning Theory</li> <li>23. Planning Theory</li> <li>24. Advanced Research Methods</li> <li>25. Theory of Settlement Planning</li> <li>26. Evolution of Human Settlements</li> <li>27. Seminar</li> </ol>

	<p>28. Thesis and Semester Coordination, Master of Planning (Environmental Planning and Management)</p> <p>29. Thesis Coordination, Bachelor of Planning</p> <p>30. Planning Colloquium</p> <p><u>School of Planning and Architecture, Bhopal (2010-2013)</u></p> <p>31. Urban Poverty and Planning for the Informal Sector</p> <p>32. Planning and Management of Informal Sector</p> <p>33. Quantitative Methods</p> <p>34. Research Methodology</p> <p>35. Planning Practice</p> <p>36. Evolution of Aesthetics, Planning and Technology</p> <p>37. Evolution of Urban and Regional Planning</p> <p>38. Geoinformatics</p> <p>39. Computer Aided Design</p> <p>40. Applications of GIS</p> <p>41. Graphics and Presentation Techniques (Planning Studio)</p> <p>42. 'Comprehensive Development Plan for Ujjain' (Planning Studio)</p> <p>43. Thesis Coordination [Bachelor of Planning and Master of Planning (Urban and Regional Planning)]</p> <p><u>School of Planning and Architecture, JNTU</u></p> <p>44. Applications of GIS</p> <p>45. Architectural Practice</p> <p>46. Human Settlements</p> <p>47. Computer Aided Design</p> <p>48. Preparation of 'General Town Plan for Mahaboobnagar' (Planning Studio)</p> <p>49. Area Planning (Planning Studio)</p> <p>50. Graphics and Presentation Techniques (Planning Studio)</p> <p>51. Design of Residence (Architecture-Studio)</p>
<p><b>Key Achievements</b></p>	<ol style="list-style-type: none"> <li>1. NCPEDP Post Graduate/Professional Merit Scholarship Award, New Delhi (Aug 2002).</li> <li>2. First Rank, Certificate of Merit, MURP, JNTU SPA, 2002</li> <li>3. Gold Medal, NCPEDP Best Merit Scholar Award, New Delhi (Aug 2001).</li> <li>4. First Rank, Certificate of Merit, MURP, JNTU SPA, 2001</li> <li>5. NCPEDP Post Graduate/Professional Merit Scholarship Award, New Delhi (Aug 2000).</li> <li>6. The Best Design Thesis (B.Arch) for the year 2000-01, The Indian Institute of Architects, Andhra Pradesh Chapter, Hyderabad, Andhra Pradesh, India.</li> <li>7. Best Poetry in English, Heritage-94, University Arts and Science College, Kakatiya University, Warangal, Andhra Pradesh, India, (Feb 1994).</li> <li>8. First in Essay Writing Competition, 26th National Annual Library Celebrations, Government Regional Library, Warangal, Andhra Pradesh, India, (Nov 1993).</li> <li>9. First in Painting -special group(12-18 years) at the State level, National Painting Competition, Andhra Pradesh State Council for Child Welfare, THPI Campus, Dilsukhnagar, Hyderabad, Andhra Pradesh, India, (July 1992).</li> </ol>
<p><b>Key Academic Projects</b></p>	<ol style="list-style-type: none"> <li>1. Studio Faculty, Regional Planning Studio on 'Regional Plan for Bhopal'. MPlan (URP)-Sem-II, 2021</li> <li>2. Studio Faculty, Transportation Planning Studio-III, Transport oriented/ Logistics oriented, 2020</li> <li>3. Studio Faculty, Site Planning and Built Environment Studio, 2019</li> <li>4. Studio Coordinator, Master Plan for Bapatla, 2019</li> <li>5. Studio Faculty, Area Development Plan for Kondapalle, Andhra Pradesh, 2018</li> <li>6. Studio Faculty, Master Plan Studio, Mandya, 2018</li> <li>7. Studio Coordinator, Site Planning and Built Environment, Planning for Smart Neighbourhoods, 2017</li> <li>8. Studio Coordinator, Built Environment and Site Planning, Kuchipudi, Guntur and Vijayawada, 2016</li> <li>9. Studio Coordinator, Street mapping, Tenali, 2015.</li> <li>10. Studio Coordinator, Basemap preparation for Tullur Mandal (Guntur), 2014.</li> <li>11. Integral Studio, Design of Temporary Shelters during Kumbh Mela, Ujjain, 2013.</li> <li>12. Design of Convention Centre in Ujjain, Universal Design, Berkeley Studio, SPA Bhopal,</li> </ol>

	<p>2013.</p> <p>13. Coordinator, Comprehensive Development Plan for Ujjain, SPA Bhopal, 2011.</p> <p>14. Consultancy Project: Coordinator, Preparation of Basemap and GIS map for Vinukonda Municipal Area, AP, 2010.</p> <p>10.Coordinating Committee Member, Preparation of General Town Plan for Mahaboobnagar, AP, 2004.</p>
<p><b>Conferences/ Training Programmes/ Workshops</b></p>	<p><u>Conferences/Seminars/Webinars</u></p> <ol style="list-style-type: none"> <li>1. Natraj Kranthi. <i>Utilization of Bhuvan for Urban and Regional Planning. SPA Bhopal: A User Experience.</i> Focus on Potential of Geospatial Solutions with Emerging Reforms. NRSC User Interaction Meet-2021.30<sup>th</sup> March 2021.ISRO.</li> <li>2. Namperumal, Sridharan; Kranthi, Natraj; Kuchavaram, Madhukar; (2020), Presented Paper titled <i>Pandemic Spread in Metropolitan Cities of India-Spatial Planning Factors.</i> International Conference titled Urban Planning and Architectural Design for Sustainable Development (UPADSD), 8-10 July 2020, IEREK, Universita Degli Studi Firenze</li> <li>8. <i>Research Paradigms in Architecture.</i> Webinar on 25<sup>th</sup> July 2020. School of Architecture, KL University.</li> <li>9. International Conference on “Scholarly Communication, Open access Publishing and Ethics” (SCOPE-2018) October 25 – 26, 2018, School of Planning and Architecture Vijayawada.</li> <li>10. <i>Concepts and Applications of GIS: Slum Mapping,</i> One Day Workshop on ‘Master Plan Formulation under NUIS Bhuvan’ for Andhra Pradesh State,30<sup>th</sup>September, 2015, SPA Vijayawada.</li> <li>3. International Conference on <i>Shaping our Cities for Smart, Inclusive and Sustainable Future,</i> 19<sup>th</sup>November, 2014, Vijayawada, Andhra Pradesh.</li> <li>4. International Conference on ‘Corridors, City Regions and Cities in Urban Regional Development’, 22<sup>nd</sup> November, 2013.Vijayawada, Andhra Pradesh.</li> </ol> <p><u>Workshops/Training/Professional Development Programmes Coordinated:</u></p> <ol style="list-style-type: none"> <li>11. Member of Organising Team, Professional Development Programme on ‘Visioning Resilient Jodhpur’ (16-20 March 2021).</li> <li>12. Programme Coordinator. Five-Day (Online) Professional Development Programme ‘Applications of Geospatial Technologies in Planning’ 8-12 February 2021 for the Officials of Directorate of Town and Country Planning, Madhya Pradesh.</li> <li>13. Member of Organising Team, Professional Development Programme on ‘Institutional Resilience for Informed Decisions’ BReUCom (Erasmus + EU Funded Project). 28 January – 02 February 2021.</li> <li>14. Member of Organising Team, Professional Development Programme on ‘Marginalised Communities and Resilience’ BReUCom (Erasmus + EU Funded Project), (23-27 November 2020)</li> <li>15. Coordinator, Professional Development Programme on ‘Urban Resilience and Transforming Communities’, BReUCom (Erasmus + EU Funded Project) (19-23 October 2020)</li> <li>16. Workshop on ‘Principles and Applications of GIS’(27-28 Sept 2010)</li> <li>17. STTP on ‘Remote Sensing and GIS Applications for Planning’ (20-24 June 2011)</li> <li>18. Training programme on ‘ArcGIS Desktop 10’ (19-23 Dec 2011)</li> <li>19. Training programme on ‘MicroStation’ (26-28 Dec 2011)</li> <li>20. Training programme on ‘LPS’ (29 Dec 2011)</li> <li>21. Training programme on SPSS (16 April 2012).</li> <li>22. Training programme on ‘Introduction to GIS and its Applications’ (4-6 July 2012)</li> </ol> <p><u>Certificate Courses / Participation</u></p> <ol style="list-style-type: none"> <li>1. Certificate of Participation. <i>Planning Pandemic Resilient Cities for India.</i> Atal Bihari Vajpayee Institute of Good Governance and Policy Analysis.8<sup>th</sup> January 2021.</li> <li>2. Participation Certificate, Webinar on <i>IEEE 802.11 and Building Wireless Community Networks</i> held on 22 May 2020.Organised by IEEE Standards Association &amp; MHRD Pandit Madan Mohan Malavia National Mission on Teachers and Teaching (PMMMNTT), FDC, Shivaji University Kolhapur.</li> <li>3. One Day Seminar, <i>Housing Regeneration and Strengthening Communities,</i> World Town Planning Day-2015, 18<sup>th</sup> November, 2015, SPA Vijayawada.</li> <li>4. ERDAS Imagine and Imagine Photogrammetry, 01 &amp; 08 April 2015</li> <li>5. Training Programme on Rolta Geomatica Ortho Engine Educational Suite, 06-07 May 2013</li> <li>6. Training Programme on ‘Model Development with Cube Base and Voyager’ (23-26 Feb 2012)</li> <li>7. Training programme on ‘ArcGIS Desktop 10’ (19-23 Dec 2011)</li> <li>8. Training programme on ‘MicroStation’ (26-28 Dec 2011)</li> </ol>

	<ol style="list-style-type: none"> <li>9. Training programme on 'LPS' (29 Dec 2011)</li> <li>10. National Workshop on "Town Planning Parameters for Housing the Urban Poor" (14 Feb 2011), Organised by Ministry of Housing &amp; Urban Poverty Alleviation, Government of India, Facilitated by National Resource Centre, SPA New Delhi, Hotel Lake View Ashok, Bhopal.</li> <li>11. Certificate Course (One Day Training Programme) on LEED Building Rating System, CII-Indian Green Building Council, Hyderabad, (2007).</li> <li>12. Certificate Course (Two Week Training Programme), Staff Development Programme (AICTE Sponsored), JNTU School of Planning &amp; Architecture (2006).</li> <li>13. Certificate Course (5 day) in ArcGIS 8.3, ESRI, New Delhi (2004).</li> <li>14. Integrated GIS and CAD Short Term Course (2003).</li> <li>15. Diploma in AutoCAD (1998).</li> </ol>
<b>Memberships</b>	<u>Professional Bodies</u> <ol style="list-style-type: none"> <li>1. Council of Architecture – Registered Member</li> <li>2. Institute of Town Planners, India – Associate Member</li> </ol>
<b>Art and Literature</b>	<ol style="list-style-type: none"> <li>1. Published book 'While Bidding Farewell' ISBN: 978-93-5427-393-3, January 2021, Blue Rose Publishers.</li> <li>2. Participated in the Wingword Poetry Prize 2018, India's largest annual poetry competition</li> <li>3. Poem titled 'For Whom and For What' shortlisted and published, Poetry India 'Shining Stars in the Night Sky', All India Poetry Competition 2017 – English, The Poetry Society (India), New Delhi.</li> <li>4. Solo Exhibition of Paintings, Formless Feelings (7th-15th June 2008), The AP State Gallery of Fine Art, Madhapur, Hyderabad.</li> </ol>