

CURRICULUM VITAE

Dr. ADINARAYANANE R

Ph.D., M.Tech., I.I.T-Roorkee, B.E., Civil Engineering,
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PERSONAL DETAILS

Name : Dr. Adinarayanane R
Father's Name : M. P. Ramamurthy
Mother's Name : Rajeshwari (Late)
Nationality : Indian
Date of Birth : September 01,1969
Designation & Address : Associate Professor,
Department of Planning,
School of Planning and Architecture Vijayawada
Andhra Pradesh-520008, India
Present/ Mailing Address : Survey No.4/4, ITI Road,
Department of Planning,
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Annamalai Nagar, Vallalar Salai, Saram,
Pondicherry-605 013, India
Marital Status : Married
Hobbies : Reading and listening to music.

QUALIFICATIONS:

S.No	Qualification	Year	Board/University	Division
1	Ph.D. in Urban Studies and Planning (Full Time)	2011 to 2017	School of Architecture and Planning, Anna University, Chennai, India	First Division
2	M.Tech., Urban and Rural Planning (Full Time)	2008 to 2010	Indian Institute of Technology- Roorkee, India	First Division-Distinction
3	Bachelor of Civil Engineering	1996 to 1999	Annamalai University-Tamil Nadu, India	First Division
4	Diploma in Civil Engineering	1985 to 1988	Tamil Nadu Technical Board, Pondicherry, India	First Division

RESEARCH INTERESTS:

Urban Planning; Regional Dynamics; Sustainable Urban Development; Infrastructure Planning; Land Use Planning; Energy Efficiency; Advanced Research in Urban System, and Public Policy.

Expertise in software like:

MS-Office; AutoCAD; Google Sketch up; MS-Project; Arc GIS; and System Dynamics.

PROFESSIONAL EXPERIENCE:

Total Experience-30 years plus in the academic & professional field of Planning and Architecture.

- Employed as a **Junior Town Planner, PPA under the Town and Country Planning Organization**, Government of India, from July 1991 to July 2016.
- Field of experience deals with preparation of Comprehensive Development Plans, issue of planning permissions with respect to jurisdiction of Puducherry Region, India.
- Job responsibilities include scrutiny of building permit applications, layout plans, development control/enforcement and monitoring legal issues related to planning activities.
- Nodal Officer for the preparation of Comprehensive Development Plan for the Puducherry Planning Area at Union Territory of Pondicherry, India.

TEACHING EXPERIENCE:

Visiting Faculty at the School of Architecture and Planning, Anna University, Chennai, India from July 2011 to August 2013 and teaching experience at School of Architecture and Planning, as summarized in the sequel:

- Planning courses namely: for UG (i) Human Settlements Planning and (ii) Evolution of Human Settlements have been handled for fourth year B.Arch., in the Department of Architecture, School of Architecture and Planning, Anna University, Chennai, Tamil Nadu.

Professor at Faculty of Architecture & Planning, Arba Minch Institute of Technology, Arba Minch University, Ethiopia from August 2017 to October 2018:

- Planning course namely: (i) Housing & Inner-City Redevelopment (ii) Research Methodology; and (iii). Planning Theory and Techniques.

Associate Professor at School of Planning and Architecture, Vijayawada, Andhra Pradesh, India, from 2018 onwards to till date:

- Planning courses -UG & PG Programme for the Academic Year 2018-2019:
(i) City & Metropolitan Planning; (ii) Climate Change & Cities; (iii) Urban Environmental Planning Studio; (iv) Regional Planning Studio; (v) Planning Legislation & Professional Practice; and (vi) Advanced Research Methods (PG programmes, Master's in urban & Regional Planning; Master's in environmental planning & management & Masters in Transportation and Infrastructure Planning).
- Planning courses UG & PG Programme for the Academic Year 2019-2020:
(i) City & Metropolitan Planning; (ii) Environmental Justice; (iii) Planning Legislation and Professional Practice (iv) Advanced Research Methods (PG programmes, Master's in Urban & Regional Planning; Master's in environmental planning & Management & Masters in Transportation and Infrastructure Planning) (v) Urban Environmental Planning Studio; (vi) Urban Planning Studio.
- Planning courses UG & PG Programme (M.Plan) for the Academic Year 2020-2021:
(i) City & Metropolitan Planning; (ii) Regional Planning; (iii) Urban Environmental Planning Studio; (iv) Metropolitan Planning; (iv) Planning Legislation; (vi) Regional Planning Studio.

- Planning courses UG & PG Programme (M.Plan) for the Academic Year 2021-2022:
(i). City & Metropolitan Planning; (ii) Environmental Justice & Professional Practice; (iii) Urban Environmental Planning Studio; (iv) Energy Studies; (iv) Planning Legislation; (vi) Regional Planning Studio.
- Planning courses UG & PG Programme (M.Plan) for the Academic Year 2022-2023:
(i). City & Metropolitan Planning; (ii) Regional Planning; (iii) Urban Environmental Planning Studio; (iv) Rural Planning and Development; (iv) Planning Legislation; (vi) Regional Planning Studio.
- Planning courses UG & PG Programme (M.Plan) for the Academic Year 2023-2024:
(i). City & Metropolitan Planning; (ii) Regional Planning; (iii) Urban Planning Studio; (iv) Rural Planning and Development; (iv) Planning Legislation; (vi) Urban Environmental Planning Studio.
- Planning courses UG & PG Programme (M.Plan) for the Academic Year 2023-2024:
(i) City & Metropolitan Planning; (ii) Regional Planning; (iii) Urban Planning Studio; (iv) Rural Planning and Development; (iv) Planning Legislation; (vi) Urban Environmental Planning Studio.

M.Tech., Research Topic: "Planning for Integrated Development of Puducherry Region, India".

Ph.D. Research Topic: "Planning for Energy Efficient Sustainable Development of Chennai Metropolitan City, Tamil Nadu, India".

BOOKS & BOOK CHAPTERS PUBLISHED:

- [1]**Adinarayanane Ramamurthy (2018)**, Book title entitled as "Energy Efficient Sustainable Development: A System Dynamics Approach", by Scholars Press, is an imprint of SIA Omni Scriptum Publishing, **Lambert Academic Publisher, Germany, European Union**, ISBN No-978-3-330-65164-7, published in March 2018.
- [2]Minakshi Jain, **Adinaryanane Ramamurthy**, Ayon K Tarafdar, Abdul Razak Md, and Faiz Ahmed Chundeli, **(2020)** Editors for International Conference Book of Proceedings on "Resilient and Liveable City Planning" (RLCP 2020)-Transforming Urban Systems held between February 10 to 13, 2021, at School of Planning and Architecture Vijayawada, Andhra Pradesh, India, by BS Publications, Hyderabad, India, **ISBN No.978-93-90211-61-6**, published in February 2021.
- [3]Lata K., Saha S.K., **Adinarayanane Ramamurthy**, Chundeli F.A. **(2021)**, "Smart Global Megacity: Chennai Sustainable Development Framework". book chapter, Vinod Kumar T. (eds) Smart Global Megacities. Advances in 21st Century Human Settlements. **Springer Nature, Singapore** Pte Ltd, https://doi.org/10.1007/978-981-16-2023-2_4, published in June 2021, which is indexed in Web of Science/ Scopus.
- [4]Lata K., Chundeli F.A. **Adinarayanane Ramamurthy**, **(2022)**, "Smart Master Plan and 3D GIS Planning Support system—A Case of Chennai City, Tamil Nadu, India", book chapter, Vinod Kumar T. (eds) Springer Nature, Smart Master Planning for Cities, Advances in 21st Century Human Settlements. https://link.springer.com/chapter/10.1007/978-981-19-2564-1_3. **Springer Nature, Singapore** Pte Ltd, published in June 2022 which is indexed in Web of Science/ Scopus.
- [5]**Adinarayanane Ramamurthy**, & Faiz Ahmed F.A **(2023)**, "Simplified methodology for district-scale urban energy quantification and roof-top solar photovoltaic potential: A case study of Chennai, India", book chapter accepted for publication in "Urban Energy Systems - A modeling and Simulation Perspective", by **Wiley-Scrivener imprint, USA**, which is indexed in Web of Science/Scopus.
- [6]**Adinarayanane Ramamurthy**, Aswinth G Chandran & Faiz Ahmed F.A. **(2024)**, "Resilience of Coastal Communities to Climate Change, in Thiruvananthapuram Region, Kerala State, India", book chapter accepted for publication under the "Regions and

Cities”, book series in “Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualizations and Approaches from the Global South”, by **Routledge Publishers, Taylor & Francis Group, New York, NY, United States**. which is indexed in Web of Science/Scopus.

- [7] **Adinarayanane Ramamurthy**, Aswinth G Chandran & Faiz Ahmed F.A. (2024), “Climatic Risk Screening, Adaptation and Fisheries Livelihood Planning in Coastal Region, Thiruvananthapuram City, Kerala, India”, book chapter accepted for publication under the “Regions and Cities”, book series in “Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualizations and Approaches from the Global South”, by **Routledge Publishers, Taylor & Francis Group, New York, NY, United States**. which is indexed in Web of Science/Scopus.
- [8] **Adinarayanane Ramamurthy**, Agnes Mariam Xavier & Faiz Ahmed F.A (2024), “A methodology to assess environmental vulnerability in a Coastal City: A case of Kochi Region, Kerala State, India”, book chapter accepted for publication in book titled, “Urban Sustainability - Navigating Environmental Transition Challenges in Global South”, under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", **Springer Nature, Germany Pte Ltd**, , which is indexed in Web of Science/ Scopus.
- [9] **Adinarayanane Ramamurthy**, Janani M & Faiz Ahmed F.A (2024), “The Influence of Urban Form on Urban Heat Island and its Planning Implications in Chennai Metropolitan City, Tamil Nadu, India”, book chapter accepted for publication in book titled “Urban Sustainability - Navigating Environmental Transition Challenges in Global South”, under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", **Springer Nature, Germany Pte Ltd**, , which is indexed in Web of Science/ Scopus.
- [10] **Adinarayanane Ramamurthy**, Taruni Joshi & Faiz Ahmed F.A (2024), “The Synergistic Effects Of Urban Heat Island And Air Pollution Towards Resilience Planning In Raipur Region, Chhattisgarh”, book chapter accepted for publication in book titled Urban Sustainability - Navigating Environmental Transition Challenges in Global South under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", **Springer Nature, Germany Pte Ltd**, which is indexed in Web of Science/ Scopus.

PAPERS PUBLISHED IN REFEREED FOREIGN JOURNALS:

- [1] Monsingh D. Devadas and **Adinarayanane Ramamurthy (2012)**, “Urban Energy, Climate Resilient and Sustainable Development: An Integrative Dynamism for Planning Perspectives of Mega Cities, India”- (November 7, 2012), technical paper published in the ELSEVIER, *SSRN-OIDA International Journal of Sustainable Development*, Canada Vol.05, No. 03, pp. 59-84, 2012. Available at SSRN: <http://ssrn.com/abstract=2172544>.
- [2] **Adinarayanane Ramamurthy** and Monsingh D. Devadas (2012), “Embryonic City Planning Strategies for Growth Management: The Way Forward for Integrated Sustainable Community Development of Urban India”- (December 5,2012), technical paper published in the ELSEVIER, *SSRN-OIDA International Journal of Sustainable Development*, Canada, Vol. 05, No. 05, pp. 31-60, 2012. Available at SSRN: <http://ssrn.com/abstract=2185477>.
- [3] **Adinarayanane Ramamurthy** and Monsingh D. Devadas (2013), “Smart Sustainable Cities: An Integrated Planning Approach Towards Sustainable Urban Energy Systems, India”, technical paper published in the International Journal of Energy and Environmental Engineering a special journal issue by the World Academy of Science, Engineering and Technology, in vol. 73, pp1412-1432, indexed in Scopus.
- [4] **Adinarayanane Ramamurthy** and Monsingh D Devadas (2016), “Planning for Energy Efficient Sustainable Development of Chennai Metropolitan City, India: A

- Dynamic Simulation Modelling Approach”, Research paper published in the International Journal of Advanced Engineering Technology, Int J Adv Engg Tech/VolVII/Issue III/July-Sept.,2016.
- [5] **Adinarayanane Ramamurthy** and Monsingh D Devadas (**2016**), “A Model of Eco welfare Planning: Sustainable Urban Development of Chennai Metropolitan City, India”, Research paper published in the International Journal of Scientific & Engineering Research, Volume 7, Issue 9, September 2016.
- [6] **Adinarayanane Ramamurthy (2019)**, “Evaluating the Dynamic Functions for Sustainable Development of Chennai Metropolitan City, India: A System Dynamics Approach” technical paper published in the “International Journal of Applied Engineering Research”, ISSN 0973-4562 Volume 14, Number 15 (2019) pp. 3340-3355, Research India Publications, indexed in Scopus.
- [7] Padala Kanaka Maha Lakshmi and **Adinarayanane Ramamurthy (2019)**, “Planning for Water Accessibility of Urban Poor Settlements: Case Study of Vijayawada City, Andhra Pradesh, India” technical paper published in the “International Journal of Science and Research (IJSR)”, ISSN: 2319-7064, Volume 8 Issue 10, October 2019 pp. 1788-1792.
- [8] Faiz Ahmed Chundeli, Kusum Lata, **Adinarayanane Ramamurthy** and Minakshi Jain (**2021**), “Population Density and Covid Spatial Dynamics: A Critical Assessment of Indian Districts”, technical paper published in Indian Journal of Public Administration, 67 (3), 425-439 September, 2021| SAGE Publications Inc .UK., which is indexed in Web of Science/ Scopus.
- [9] Anusha Roy, **Adinarayanane Ramamurthy** and Faiz Ahmed Chundeli, (**2021**) “Green and Blue Infrastructure (GBI) for Climate Responsive Planning- A Case of Navi Mumbai City, India”, technical paper under review for Land-use Policy, ISSN: 0264-8377, The International Journal Covering all aspects of Land Use, ELSEVIER Publication.
- [10] Tania Berger, Faiz Ahmed Chundeli, Rama Umesh Pandey, Minakshi Jain, Ayon Kumar Tarfdar, **Adinarayanane Ramamurthy (2022)**, “Low-income residents' strategies to cope with urban heat - Findings from India and Austria”, technical paper published in Land-use Policy, ISSN: 0264-8377, The International Journal Covering all aspects of Land Use Policy, ELSEVIER Publication, Volume 119, August 2022, 106192, <https://doi.org/10.1016/j.landusepol.2022.106192>. Impact Factor 6.189(2024).
- [11] **Adinarayanane Ramamurthy**, Faiz Ahmed F.A and Srikonda, Ramesh, (**2024**), “Flood Risk Assessment, Mapping and Planning by GIS-Decision Support Systems: A Case Study in Kerala State, India”, technical paper published in the ELSEVIER, *SSRN-OIDA* International Journal of Sustainable Development, Vol. 17, No. 03, pp. 47-66, 2024, Available at SSRN: <https://ssrn.com/abstract=>
- [12] Rajeev R and, **Adinarayanane Ramamurthy, (2024)**, “Assessing the Shoreline Dynamics Integrating Sea-Level Data and Geo-Spatial Technology: Lessons from Kerala State, India”. technical paper published in the ELSEVIER, *SSRN-OIDA* International Journal of Sustainable Development, Vol. 17, No. 05, pp. 21-36, 2024, Available at SSRN: <https://ssrn.com/abstract=>
- [13] **Adinarayanane Ramamurthy**, Disha Jain and Faiz Ahmed Chundeli, (2024) “The Spatio-Temporal Dynamics of Green Spaces and their Impact on Urban Environment of Bhopal Region, Madhya Pradesh, India”- technical paper accepted for publication in the ELSEVIER, *SSRN-OIDA* International Journal of Sustainable Development, Vol.18 No.01, pp. 11-34, 2025, Available at SSRN: <https://ssrn.com/abstract=5025828>.

[14] **Adinarayanane Ramamurthy**, Ningthoujam Kingson Singh and Faiz Ahmed Chundeli, (2024), "Evaluating the Quality of Life for Sustainable Peri-Urban Development Planning: A Case of Imphal City, Manipur North-eastern State, India"- technical paper accepted for publication in the ELSEVIER, SSRN-OIDA International Journal of Sustainable Development, Vol.18 No.01, pp. 35-60, 2025, Available at SSRN: <https://ssrn.com/abstract=5031698>

PAPERS PUBLISHED IN NATIONAL JOURNALS:

- [1] Adinarayanane Ramamurthy and Monsingh D. Devadas, "Toward Evaluation of Green House Gas and Carbon Emissions Management: Localized Strategic Planning Mechanism the Way Forward for Urban India"- technical paper published in the SPACE: The SPA Journal of Planning and Architecture, Vol.17, No.1, ISSN 0970-0706, pp.101- 124, January-June 2013.

PAPERS PRESENTED AND PUBLISHED IN THE INTERNATIONAL CONFERENCE PROCEEDINGS:

- [1] Monsingh D.Devadas and Adinarayanane Ramamurthy, "Assessment of Greenhouse Gas and CO2 Emissions Management Strategic Planning Tools: Localized Strategic Planning Approach for Megacities of India"- Technical paper presented/published in International Conference on "Climate Change and CO2 and Management: Mitigation, Separation and Utilization", held between 2nd to 3rd February, 2012, organized by Centre for Environmental Studies and Centre for Climate Change and Adaptation Research, Anna University, Chennai, India.
- [2] Monsingh D. Devadas and **Adinarayanane Ramamurthy**, "Integrated Community Sustainability Planning: Challenges and Perspectives from Urban Environment in India"- Technical paper presented /published in 14th International Conference on Humane Habitat (ICHH), 2012, under the theme of Evolving Sustainable Humane Habitats: Critical Lessons of New Cities, Towns and Communities, held between 3rd to 5th February 2012, organized by International Association for Humane Habitat (IAHH), Mumbai, India.
- [3] Monsingh D. Devadas and **Adinarayanane Ramamurthy**," Urban Energy, Climate Resilient and Sustainable Development: An Integrative Dynamism for Planning Perspectives of Mega Cities, India"- Technical paper presented/published in the International Conference on Sustainable Development 2012, The Conference Centre Montclair State University, Montclair, New Jersey, USA, held between July 31-August 02, 2012, organized by SSRN-Ontario International Development Agency Inc 287 Second Avenue South Sudbury, Ontario, P3B 4H6, Canada.
- [4] **Adinarayanane Ramamurthy** and Monsingh D. Devadas, "Embryonic City Planning Strategies For Growth Management: The Way Forward For Integrated Sustainable Community Development of Urban India"- Technical paper presented/published in the International Conference on Sustainable Development 2012, The Conference Centre Montclair State University, Montclair, New Jersey, USA, held between July 31-August 02, 2012, organized by Ontario International Development Agency Inc. 287 Second Avenue South Sudbury, Ontario, P3B 4H6, Canada.
- [5] **Adinarayanane Ramamurthy** and Monsingh D. Devadas, "Smart Sustainable Cities: An Integrated Planning Approach Towards Sustainable Urban Energy Systems, India"- Technical paper presented /published in the ICEESD 2013: International Conference on Energy, Environment and Sustainable Development held in Dubai, United Arab Emirates during January 30-31, 2013, Organized by World Academy of Science, Engineering and Technology, United Arab Emirates.

- [6] **Adinarayanane Ramamurthy**, Monsingh D. Devadas and Virupoxi Bagodi, "An Integrated System Dynamics Modelling Approach for predicting the dynamic functions towards Sustainable Development of Chennai Metropolitan City, India"- Technical paper presented/published in the CUPUM2015:14th International Conference on Computers in Urban Planning and Urban Management, Department of Urban Studies & Planning (MIT) during July 7 to July 10, 2015, at the Massachusetts Institute of Technology, Cambridge, Boston, U.S.A.
- [7] Faiz Ahmed Chundeli, **Adinarayanane Ramamurthy** and Minakshi Jain, "Scientific Assessment of Blue and Green in improving Micro-Climate for Sustainable Built Environment in Capital City of Amaravati, Andhra Pradesh, India", Technical paper presented/published in the International Conference on Sustainable Environment & Energy, ICSEE'19, 21st – 22nd, February 2019, Organized by Centre for Sustainable Environment and Energy, Department of Civil Engineering Hindustan Institute of Technology and Science, Padur, Chennai, India.
- [8] **Adinarayanane Ramamurthy** and Anusha Roy, "Green and Blue Infrastructure to Regulate Thermal Comfort in High Density City Planning: A Case of Navi Mumbai, India"- Technical paper presented/published in the ISOCARP 2019: 55th ISOCARP World Planning Congress Beyond the Metropolis, Jakarta-Bogor, Indonesia, between 9-13 September 2019, Organized by ISOCARP Head Office, The Hague the Netherlands.
- [9] Priya P. Patel and **Adinarayanane Ramamurthy**, "Green Space Dynamics and Spatial Variation of Urban Thermal Environment: Implication on urban cooling in Ahmedabad city of western India"-Technical paper presented/published in the ICFC 2019: International Conference on Future Cities during December 11-13, 2019, Organized by Department of Architecture and Planning, Indian Institute of Technology Roorkee, Uttarakhand, India.
- [10] Anusha Roy and **Adinarayanane Ramamurthy**, "Potential for Green and Blue Infrastructure towards Climate Responsive Planning – A Case of Navi Mumbai, India"- Technical paper presented/published in the ICFC 2019: International Conference on Future Cities during December 11-13, 2019, Organized by Department of Architecture and Planning, Indian Institute of Technology Roorkee, Uttarakhand, India.
- [11] Geetha Sai Prasanna and **Adinarayanane Ramamurthy**, "Climate Resilient Urban Infrastructure Planning: A Case of Visakhapatnam City, Andhra Pradesh, India"- Technical paper presented/published in the ICFC 2019: International Conference on Future Cities during December 11-13, 2019, Organized by Department of Architecture and Planning, Indian Institute of Technology Roorkee, Uttarakhand, India.
- [12] Faiz Ahmed Chundeli, and **Adinarayanane Ramamurthy**, and Minakshi Jain "Scientific Assessment of Blue and Green Mitigating UHI at Embryonic Stages of Planning and Design - Amaravati, Andhra Pradesh, India"- Technical paper presented/published in the RLCP 2020: International Conference on Resilient and Liveable City Planning during February 10-13, 2021, Organized by Department of Planning, School of Planning and Architecture Vijayawada, Andhra Pradesh, India.
- [13] Tanushree Biswas and **Adinarayanane Ramamurthy**, "Three-Dimensional Rule-Based City Modelling to Regulate the Spatial Dynamics: A Case of Bhubaneswar City, India"- Technical paper presented/published in the RLCP 2020: International Conference on Resilient and Liveable City Planning during February 10-13, 2021, Organized by Department of Planning, School of Planning and Architecture Vijayawada, Andhra Pradesh, India.
- [14] Pasam Mounika Reddy and **Adinarayanane Ramamurthy**, "Monitoring Urban Expansion and Its Effects on Land Use and Land Cover Changes in Vijayawada City, Andhra Pradesh, India"- Technical paper presented/published in the RLCP 2020:

International Conference on Resilient and Liveable City Planning during February 10-13, 2021, Organized by Department of Planning, School of Planning and Architecture Vijayawada, Andhra Pradesh, India.

- [15] **Adinarayanane Ramamurthy**, Anusha Roy and Faiz Ahmed Chundeli, "Green and Blue Infrastructure (GBI) for Climate Responsive Planning- A Case of Navi Mumbai City, India"- Technical paper presented/published: The 11th International Conference of the International Society for the INTEGRATED DISASTER RISK MANAGEMENT, during 22-24 September 2021 (Virtual mode), organized by Disaster Prevention Research Institute and Kyoto University, Kyoto, JAPAN.
- [16] Tania Berger, Faiz Ahmed Chundeli, Rama Umesh Pandey, Minakshi Jain, and **Adinarayanane Ramamurthy**, "Low-income residents' strategies to cope with urban heat - Findings from India and Austria"- Technical paper presented/published: The 11th International Conference of the International Society for the INTEGRATED DISASTER RISK MANAGEMENT, during 22-24 September 2021 (Virtual mode), organized by Disaster Prevention Research Institute and Kyoto University, Kyoto, JAPAN.
- [17] Faiz Ahmed Chundeli, Minakshi Jain, **Adinarayanane Ramamurthy**, and Inderpal Singh, "Role of Cultural Heritage in Conservation of Natural Environment amongst the Indigenous Communities of Kullu Region, Himachal Pradesh, India"- Technical paper presented/published: The 11th International Conference of the International Society for the INTEGRATED DISASTER RISK MANAGEMENT, during 22-24 September 2021 (Virtual mode), organized by Disaster Prevention Research Institute and Kyoto University, Kyoto, JAPAN.
- [18] Firzana Shuja and **Adinarayanane Ramamurthy**, Planning for Compact and Low-Carbon Transit-Oriented Development: A Case of Kochi City, Kerala, India- Technical paper presented/published in the 9th- Annual International Conference on Transportation Program held between 29-31 May & 1 June 2023, organized by the Athens Institute for Education & Research at 10677 Athens, Greece.
- [19] Ayushi Bhatt and **Adinarayanane Ramamurthy**, Landscape as a Nature Based Solution to Mitigate Vehicular Traffic Pollution: A Case of Bhimavaram, Vijayawada City, Andhra Pradesh, India-Technical paper accepted for publication in Energy and Sustainability 2023-10th International Conference on Energy and Sustainability, 2-4 October 2023, Lisbon, Portugal, organized by Wessex Institute Ashurst Lodge, Ashurst, Southampton SO40 7AA, UK.
- [20] **Adinarayanane Ramamurthy**, Joseph P Thomas, and Arpan Paul Singh, Environmental Sustainability Impacts of Solid Waste Management Practices: A Case Study of Kochi City, Kerala State, India, Technical paper presented/published Springer proceedings of 5th Euro-Mediterranean International Conference for Environmental Integration (EMCEI-2023), held between 2-5 October 2023 at Rende (Cosenza), organized by University of Calabria, Arcavacata, Italy.
- [21] **Adinarayanane Ramamurthy**, Faiz Ahmed Chundeli, and Ramesh Srikonda, "Flood Risk Assessment, Mapping And Planning By GIS-Decision Support Systems: A Case Study In Kerala State, India"- Technical paper presented/published in the 18th International Conference on Sustainable Development 2023, The Conference Centre Montclair State University, Montclair, New Jersey, USA, held between December 13-14, 2023, organized by Ontario International Development Agency Inc. 287 Second Avenue South Sudbury, Ontario, P3B 4H6, Canada.
- [22] Mr. Rajeev R and **Adinarayanane Ramamurthy**, "Assessing the Shoreline Dynamics integrating Sea-Level Data and Geo-Spatial Technology: Lessons from Kerala State, India"- Technical paper presented/published in the 18th International Conference on Sustainable Development 2023, The Conference Centre Montclair State University, Montclair, New Jersey, USA, held between December 13-14, 2023, organized by Ontario International Development Agency Inc. 287 Second Avenue South Sudbury, Ontario, P3B 4H6, Canada.

- [23] Chundeli, F.A., Noor, A.M., and **Adinarayanane Ramamurthy**, (2024). Technical paper "Need for Early Design Phase Assessment of Thermal Performance – Case of Low-Income Housing Units, India"-Technical paper presented/published in the Manipal International Symposium on Design, held between February 15-16, 2024, at Dubai, UAE.
- [24] **Adinarayanane Ramamurthy**, Faiz Ahmed Chundeli, Aswirth G Chandran, and Taruni Joshi-Technical paper "Evaluating the Impact of Urbanisation on Climate Change: A Case of Kochi City, Kerala State, India",-Technical paper presented/published in the "29th International Conference on Urban Planning and Regional Development in the Information Society", Keep on Planning for the Real-World Climate Change calls for Nature-based Solutions and Smart Technologies, to be held between April 15-17, 2024, at John Deere Forum and MAFINEX, Mannheim, Germany, organized by REAL CORP2024, Germany.
- [25] **Adinarayanane Ramamurthy**, Faiz Ahmed Chundeli, Aswirth G Chandran, and Taruni Joshi-Technical paper "Evaluating the Impact of Urbanisation on Climate Change: A Case of Kochi City, Kerala State, India", Technical paper presented/published in the "29th International Conference on Urban Planning and Regional Development in the Information Society", Keep on Planning for the Real-World Climate Change calls for Nature-based Solutions and Smart Technologies, to be held between April 15-17, 2024, at John Deere Forum and MAFINEX, Mannheim, Germany, organized by REAL CORP2024, Germany, [doi:10.48494/REALCORP2024.1058](https://doi.org/10.48494/REALCORP2024.1058).
- [26] **Adinarayanane Ramamurthy** and Faiz Ahmed Chundeli, Technical paper "Geospatial Approach for Flood Vulnerability Assessment and Mapping: A Case of Chennai City, Tamil Nadu, India", Technical paper presented/published, in the 15th Asian Conference on the Social Sciences (ACSS2024), an interdisciplinary conference to be held in Tokyo, Japan from May 23–27, 2024, organized by The International Academic Forum (IAFOR), Nagoya, Japan.
- [27] **Adinarayanane Ramamurthy**, Faiz Ahmed Chundeli, and Ramesh Srikonda, Technical paper "Regional Planning of Urban Sustainable Development in Puducherry Region, India", Technical paper presented/published, in the "7th International Conference on Advanced Research in Social Sciences" (ICARSS), which will be held in Cambridge, during June 07 – 09, 2024, organized by University of Cambridge, United Kingdom.
- [28] **Adinarayanane Ramamurthy**, Vanya Mathur, and Faiz Ahmed Chundeli, Technical paper "Exploring the land-use urban heat island nexus under changing climate conditions: A Case of Jaipur City, Rajasthan, India", Technical paper presented/published, in the "International Conference on Integrated Urban Planning 2024", which will be held in Kuala Lumpur, between 24-25, July 2024, organized by Faculty of Built Environment, University of Malaysia.
- [29] **Adinarayanane Ramamurthy**, Joseph P Thomas, Integrating Spatial Planning and Flood Risk Management: A GANN Model for the River Basin, Kerala State, India, Technical paper presented/published, in the "7th International Conference on Advanced Research in Social Sciences" (ICARSS), which will be held in Cambridge, during June 07–09, 2024, organized by University of Cambridge, United Kingdom.
- [30] **Adinarayanane Ramamurthy**, Neduri Pushyami, and Ramesh Srikonda, "Data-Driven Approach for Mitigating Urban Heat Island for Spatial Development Planning: A Case of Vijayawada City, India"- Technical paper accepted in the 19th International Conference on Sustainable Development 2024, International Conference Centre Sorbonne University 4 place Jussieu, 75005 Paris, FRANCE., held between August 26-27, 2024, organized by Ontario International Development Agency Inc. 2581 River Mist Road Ottawa, Ontario, K2J 6G1 Canada.

- [31] **Adinarayanane Ramamurthy**, Disha Jain and Faiz Ahmed Chundeli, "The Spatio-Temporal Dynamics of Green Spaces and their Impact on Urban Environment of Bhopal Region, Madhya Pradesh, India"- Technical paper accepted in the 19th International Conference on Sustainable Development 2024, International Conference Centre Sorbonne University 4 place Jussieu, 75005 Paris, FRANCE., held between August 26-27, 2024, organized by Ontario International Development Agency Inc. 2581 River Mist Road Ottawa, Ontario, K2J 6G1 Canada.
- [32] **Adinarayanane Ramamurthy**, Ningthoujam Kingson Singh and Faiz Ahmed Chundeli, "Evaluating the Quality of Life for Sustainable Peri-Urban Development Planning: A Case of Imphal City, Manipur Northeastern State, India"- Technical paper accepted in the 19th International Conference on Sustainable Development 2024, International Conference Centre Sorbonne University 4 place Jussieu, 75005 Paris, FRANCE., held between August 26-27, 2024, organized by Ontario International Development Agency Inc. 2581 River Mist Road Ottawa, Ontario, K2J 6G1 Canada.

PAPERS PRESENTED / PUBLISHED IN THE NATIONAL CONFERENCE:

- [1] **Adinarayanane, Ramamurthy** and Monsingh D.Devadas, "Strategies for Infrastructure Provision in Puducherry City" paper published in the proceedings of conference on "Inclusive Planning for Empowering the Urban Poor", pp 371-380, National Town and Country Planners Congress, January 4-6, 2010 at Nagpur, India, by the Institute of Town Planners, India.
- [2] Monsingh D. Devadas and **Adinarayanane Ramamurthy**, "Evolving Planning Strategies for Managing Urban Growth: A Way Forward Towards Sustainable Community Development of Urban India"- One-day seminar under the theme of "Managing Urban Growth", was held on 17th March 2012, at Hotel Marina Towers, Egmore, Chennai-technical paper published in souvenir of Indian Institute of Town Planners, India, Tamil Nadu Regional Chapter, Chennai, India.
- [3] Guruviswas JBV and **Adinarayanane Ramamurthy**, "Integrating Energy Efficiency in Urban Transport Sector: A Case Study of Jodhpur, India", National Conference on Energy Efficiency in Planning for Enhanced Urban Resilience, EEPEUR-2023, was held in April 2023, jointly organized by the School of Planning and Architecture (SPA), Vijayawada and National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, New Delhi.
- [4] Abdul Razak Mohamed, Raavee Vats, Shreyas Kusur and, **Adinarayanane Ramamurthy**, "Destination Management is the key to Sustainable Tourism Practice - A Case of Bhavani Island, Vijayawada India", 2nd Annual Conference "Infrastructure and Built Environment: Towards Sustainable and Resilient Societies (ISBR2024), 7-9 March, 2024, IIT Kharagpur Research Park, Kolkata.

RESEARCH GUIDANCE:

UNDERGRADUATE (U.G.) THESIS:

Guided in the Faculty of Architecture & Planning, Arba Minch Institute of Technology, Arba Minch University, Ethiopia:

- [1] Four (4) Undergraduate thesis projects were guided during the year, March 2017.
 [2] Seven (07) Undergraduate thesis projects were guided for May 2018.

Guided in the Department of Planning, School of Planning and Architecture Vijayawada:

- [1] Revitalization of Core Commercial Area of Calicut City, The case of Valiyangadi, Kerala State, India, by Abidh N V. (B Plan, 2019).
 [2] An Integrated Assessment of Flood Vulnerability: A Case of Pathanamthitta District, Kerala State, India, by Ms. Laivy Rose Augustine. (*Best Thesis Awarded-B Plan, 2020*).

- [3] Planning for Sustainable Social Infrastructure to enhance Health and Well-being of Children: A case of Bengaluru City, India, by Ms. Shivani Verma (B Plan, 2021).
- [4] Assessment of Sustainable Development Goals 11.3 in the local context of Bengaluru City, India, by Mr. Subrajoti Paul (B Plan, 2021).
- [5] Planning for Sustainable Development of Tumkur City and District, Karnataka, India: A Systems Dynamics Approach by Harshini M.N. (B Plan 2021).
- [6] Planning for Pedestrian Friendly Environment: A Case Area of Thalassery City, Kannur District, Kerala, India by Rohan PK (B Plan 2022).
- [7] Planning for Sustainable for Affordable Housing Infrastructure for Urban Poor: A case of Vijayawada, Andhra Pradesh, India, by Ms. Kavya Kowmudi K. (B Plan, 2023).
- [8] Ecotourism Planning for Sustainable Rural livelihood and Economic development in Pachmarhi, Madhya Pradesh, India, by Ms. Tishya Bajaj (B Plan, 2023).
- [9] Sustainable Urban Planning Strategies for Enhancing Tourism with Managing Environmental Resilience: A Case of Yercaud Region, Tamil Nadu, India, by Dharun R, (B Plan, 2024).
- [10] Planning for sustainable development of selected peri urban regions: A case of Bangalore City, Karnataka, India by Mr. U Poornesh Rajeevamu (B Plan, 2024).

POSTGRADUATE (P.G.) THESIS:

Guided in the Department of Planning, School of Planning and Architecture Vijayawada:

- [1] Potential for Green and Blue Infrastructure towards Climate Responsive Planning – A Case of Navi Mumbai, India, *by Ms. Anusha Roy, (Best Thesis Awarded-MEPM, 2019).*
- [2] Assessment and Evaluation of Urban Green Space and Land Surface Temperature for Planning Sustainable Urban Environment: A Case of Ahmedabad city, India, *by Patel Priya Poshak Kumar (MEPM,2019).*
- [3] Climate Resilient Urban Infrastructure Planning: A Case of Visakhapatnam City, Andhra Pradesh, India, by V. Geetha Sai Prasanna (MURP,2019).
- [4] Planning for Water Accessibility of Urban Poor Settlements: A Case of Vijayawada City, Andhra Pradesh, India, by P. Kanaka Maha Lakshmi (MURP,2019).
- [5] A Spatial Model for interaction between Land Use and Urban Energy Consumption: A Case of Bengaluru City, India by Aswitha Bachala. (MURP,2020).
- [6] Urban Sprawl and its Impacts on Land Use/ Land Cover Dynamics of Vijayawada city, Andhra Pradesh, India, *by Ms. Pasam Mounika Reddy (Best Thesis Awarded- MURP, 2020).*
- [7] Sonic Environment and City Planning, "A New Layer of Urban Mechanics", A Case of Chennai City, Tamil Nadu, India, by Poornasri. K. (MURP,2020)
- [8] Integrated Urban Flood Water Management for City of Kozhikode, Kerala, India, *by Mr. Rajiv Menon K. (MEPM,2020).*
- [9] Assessing the impact of Urban Spatial Structure and Mobility Pattern on CO₂ Emission: A case of Bidhannagar City, Kolkata, India, *by Mr. Subhojit Pande. (MTIP,2020).*
- [10] Integrated Planning for Three-Dimensional Rule Based Model to regulate the Urban Spatial Dynamics: A Case of Bhubaneswar, India, by Ms. Tanushree Biswas. (MURP,2020).
- [11] Rethinking the Dynamics of Rural Transformation towards Integrated Rural Development Planning: A case of Tumakuru District, Karnataka State, India, by Raghavendra G V, *(Best Thesis Awarded-MURP, 2021).*
- [12] Sustainable Urban Land Management for Coimbatore City, Tamil Nadu State, India, by *Aravind M G, (MURP,2021).*
- [13] Planning for Low Carbon Mobility: Impacts of Transport Interventions and Accessibility: A Case of Kakinada City, Andhra Pradesh, India, *Mr. M. Sri Vinay,*

- (MTIP,2021).
- [14] Exploring Bioregionalism for Green City Planning- A case study of Hyderabad Metropolitan Development Authority (HMDA) Region, Telangana State, India, by *Ms. B Nikhila Sriinivas*, (MEPM,2021).
- [15] Planning towards Healthy City: A case of Hyderabad city, Telangana state, India, by *Ms.Chinta Kanaka Nagasai Preethi P*, (MEPM, 2021).
- [16] Renewable route to Sustainable Transport Planning: A Case of Delhi City, India, by *Mr.Aditya Garg*, (MTIP,2021).
- [17] Assessing The Impact of Land Use Planning on Urban Heat Island (UHI): A Case of Jaipur City, India, by *Ms.Vanya Mathur*, (MURP,2022).
- [18] Planning for Mitigation of Urban Heat Island on Spatial Development: A Case Area of Vijayawada City, Andhra Pradesh, India, by *Neduri Pushyami*.
- [19] Planning for Provision of Housing Infrastructure Development through Smart Growth Principles: A Case of Hyderabad City, Telangana, India, by *Mr.Pradeep Darshanala* (MURP, 2022).
- [20] Sustainable Groundwater Management and Valuation of Ecosystem Services-A Case of Angul District, Odisha State, India, by *Ms.Sukanya Senapati*, (MEPM, 2022).
- [21] Planning For Conservation of Urban Ameenpur Lake,Hyderabad Metropolitan City, Telangana State, India, by *Ms. Natukula Mounika*, (MEPM, 2022).
- [22] Planning for Energy Efficient and Sustainable Public Transport in Visakhapatnam City, Andhra Pradesh, India, by *Mr.N Krushnabhushan* (MTP,2022).
- [23] A methodological Framework to study impact of Traffic Congestion and Load Factor on Fuel Efficiency and Emissions of Buses- A Case Study of Dombivali-Vashi Corridor, Navi Mumbai, by *Ms. Krishna Gautami* (MTP,2022).
- [24] Assessing the Urban Dynamics and Planning for sustainable land management: The case area of Hosur, Tamil Nadu State, India by *Ms. Atchaya N* (MURP, 2023).
- [25] Energy Efficient Sustainable Development Planning: A case of Kadapa city, Andhra Pradesh, India by *Mr. C. Obulesh* (MURP, 2023).
- [26] Planning for Climate Resilient Urban Development-A case of Chennai city, India, *Ms. Sowmya K* (MEPM,2023).
- [27] An Integrated Planning approach for Flood Management in Muvattupuzha River basin, Kerala State, India, by *Mr. Joseph P Thomas* (MEPM,2023).
- [28] Energy Efficient Development towards Low Carbon City Planning: A case of Bhubaneswar, Odisha State, India, by *Ms. Pragati Panda* (MEPM,2023).
- [29] Planning for Non-Motorised Transport System: A case of Kota city and District, Rajasthan state, India, by *Ms. Ayushi Bhatt* (MTP,2023).
- [30] Integrated Planning for Non-Motorized Transport towards Low-Carbon Development-A case of Kochi city, Kerala State, India, by *Ms. Firzana Shuja* (MTP, 2023).
- [31] Planning for optimal land management towards enhancing the Quality of Life on Peri-Urban Development: A Case of Imphal City, Manipur, India by *Mr.N Kingson Singh* (MURP, 2024).
- [32] Spatio-Temporal trends of Urban Green Space and its interactions with Urban Growth: A Case of Bhopal City, Madhya Pradesh, India, by *Ms.Disha Jain* (MURP, 2024).
- [33] An Integrated Planning Approach to mitigate Urban Heat Islands: A Case of Chennai Metropolitan City, Tamil Nadu, India, by *Ms.Janani M* (MURP, 2024).
- [34] An Integrated Approach for Coastal Resilience and Climate Justise in Spatial Planning: A Case of Thiruvananthapuram Municipal Corporation, Kerala, India, by *Mr. Aswinth G Chandran* (MEPM,2024).
- [35] Assessing the Nexus between Heat Island and Air Pollution towards sustainable built environment in Raipur, Chhattisgarh, India, by *Ms.Taruni Joshi* (MEPM, 2024).

Ph.D., THESIS:

- [1] The thesis topic entitled "Urban Green Infrastructure Planning for Sustainable Urban Environment of Vijayawada City, Andhra Pradesh, India", by Ms. K. Praveena, Ph.D., Research Scholar (On going).
- [2] The thesis topic entitled "Environmental Carrying Capacity for Sustainable Spatial Planning: A Case of Greater Cochin Region, Kerala State, India", by Mr. Rajeev R, Ph.D., Research Scholar, (inhouse faculty) which is under progress.
- [3] The thesis topic entitled "Integrated Planning for Green Infrastructure and Urban Wastewater Systems: A Case of Hyderabad City, Telangana, India", by Mr. Yarramsetty Ritvik, Ph.D., Research Scholar (On going).
- [4] The thesis topic entitled "Framework for optimising zoning regulations to reduce unauthorised construction in Guntur City, Andhra Pradesh, India ", by Mrs. Nitoor Sukeerthi Ph.D., Research Scholar (On going).
- [5] The thesis topic entitled "Equity and Access of Urban Green: A Case of Bengaluru City, India", by Mr. Lokenath Saha Ph.D., Research Scholar (On going).

SPECIAL ACHIEVEMENTS:

- [1] Served as subject prepared written examination question papers for the recruitment of posts of Village Secretariat (Planning) Government of Andhra Pradesh at State Government level (2019).
- [2] Served as Head-Department of Planning for a period of two years from 2019 to 2021.
- [3] Served as Dean-Faculty Welfare for a period of one year 2020-21.
- [4] Served as RTI-First Appellate Authority for SPA Vijayawada for more than three years from 2019 to 2023.
- [5] Serving as Dean-Planning and Development for more than three years from October 2020 to 2024.
- [6] Has been a Technical Advisory Member for Vijayawada Municipal Corporation for evaluation of urban development projects.
- [7] Served on Selection and Interview Committee for SPA Vijayawada for recruitment of posts of Assistant Professor (contract basis), Assistant Registrar, Technical Officer, and Technical Assistants from 2018 to 2020.
- [8] Member of Senate- School of Planning and Architecture Vijayawada (2019 to as of 2024).
- [9] Member of Board of Governors-School of Planning and Architecture Vijayawada (Jan'2021 to Dec2023).
- [10] Member of the committee constituted for India Board of Town and Country Planning by All India Council for Technical Education, Ministry of Education, Government of India.
- [11] Appointed as expert member in the "Specialist Advisory Institution", for the thematic pillar on 'Sustainable Infrastructure and Basic Services', Kerala Urban Policy Commission, Kerala Institute of Local Administration, Government of Kerala.
- [12] Chaired the Conference Session 'Cultural Studies' in the International Conference on "The 15th Asian Conference on the Social Sciences", (ACSS2024), held between May 23-27, 2024, organized by IAFOR in association with the IAFOR Research Centre at the Osaka School of International Public Policy (OSIPP) in Osaka University, Japan.

INVITED- GUEST LECTURES & EXTERNAL EXAMINER:

- [1] Delivered Invited Public Lecture on "Planning for Energy Efficient Sustainable Development of Cities", at Building Construction and City Development (EiABC), Addis Ababa Institute of Technology, Addis Ababa University during December 2017 for all PG batches in Urban, Regional and Environmental Planning.

- [2] New Curriculum Design Work: New Post Graduation curriculum document has been prepared and Self-Evaluation Report has been established for the M.Sc. Study Programme in "Urban Design & Sustainable Development (M.Sc. UDSD)", for the academic year 2018-19 at Faculty of Architecture and Planning, Arba Minch Institute of Technology, Arba Minch University, Ethiopia.
- [3] Appointed as Jury member for the AMU-unaVision summit-DESIGN CHALLENGE for the Gircha unaVillage Chench Woreda, Gamo-Gofa Zone in collaboration with Arba Minch University was held in Feb 17th to March 11th 2018, for Sustainable and Resilient Housing and Living, organized by unaVision NGO, Germany, at Arba Minch Institute of Technology, Arba Minch University, Ethiopia.
- [4] External Panel Member for Doctoral Committee: Mr. Kunwar Rajendra Kopil, (Assistant Professor, AMIT, Arba Minch University, Ethiopia), Department of Architecture, Centre for Research and Consultancy, Hindustan Institute of Technology and Science, Padur, Chennai, Tamil Nadu.
- [5] Appointed as PhD. Examiner for Ph.D. thesis entitled "Geospatial Techniques for Planning Sustainable Green Spaces in Rapidly Urbanizing Countries." of Mr. Sathya Kumar V, Department of Civil Engineering, IIT Bombay, June-July 2020.
- [6] External Expert Panel Member for Doctoral Committee: Mr. Ashfa Ahmed A, in School of Architecture and Interior Design, in the Faculty of Engineering and Technology, SRM Institute of Science & Technology, Chennai, Tamil Nadu.
- [7] A six-day eSHORT-TERM COURSE, on "Traditional Knowledge in Urban Resilience" between October 28-November 01, 2020(Online), invited lecture presented on the topic "Framework for Assessment of Indigenous Traditional Knowledge System (ITKS)", organized by Department of Architecture, National Institute of Technology Hamirpur, Himachal Pradesh.
- [8] Six Day eSTTP and Industry-Academia Outreach Programme "Urban Dynamics and Climate Resilience" 28 Nov – 03 Dec, 2020 (Online), special lecture delivered on the topic, "Significance of Climate Change in Urban Studies and Planning- A System Dynamics Approach", under European Union Research project "Building Resilient Urban Communities" (BReUCom)- funded by the ERAMUS+ Programme of the European Union, organized by School of Planning and Architecture Vijayawada.
- [9] Appointed as External Expert member for Research Degree Committee, for Ms. Chandra Prabha, PhD Research Scholar, Department of Architecture and Planning, Maulana Azad National Institute of Technology Bhopal, (MNIT-Bhopal).
- [10] Faculty Development Program- Exploring Urban Planning Prospects in Architectural Design Studios – An Integrated Approach towards establishing Liveable Cities, delivered Invited Public Lecture on "Urban Governance and Development Management", on 12/08/2021, organized by Council of Architecture online training program in collaboration with Nehru School of Architecture, Coimbatore, Tamil Nadu.
- [11] A six-day e-Workshop on "Sustainable Built Environment in Hills" (SBH-2021), between September 11-15, 2021 (Online), invited lecture presented on the topic "Evaluation methods for Resilience in City Planning", organized by Department of Architecture, National Institute of Technology Hamirpur, Himachal Pradesh.
- [12] Faculty Development Program on "The National Education Policy, Sustainable Change Management in Planning and Architecture", delivered a special lecture on the topic "Multidisciplinary Research in Planning" held between October 04-08, 2021 organized by the School of Planning and Architecture, Vijayawada, and sponsored by the All-India Council for Technical Education – Training and Learning (ATAL) Academy, New Delhi.
- [13] Invited expert talk on Lecture Series to celebrate "World Habitat Day", under the theme, "Mind the Gap, Leave No One and Place Behind" and delivered public lecture on the topic "Building Inclusive Cities for Resilient and Sustainable Future", on 08/10/2022, organized by Maharashtra Regional ITPI Chapter, Nagpur and Institute

of Town Planners, India (ITPI), New Delhi India.

- [14] Invited special lecture delivered on the topic "Framework for Assessment of Indigenous Traditional Knowledge System (ITKS)", in a Five-day E-WORKSHOP on "SUSTAINABLEINFRASTRUCTUREINHILLS (SIH2023)" was held between December 08-12, 2023(Online), organized by Department of Architecture, National Institute of Technology Hamirpur, Himachal Pradesh.
- [15] Special lecture delivered on the topic "Integration of Local Area Planning with Development Plan, in the on-campus Training Programme on "Local Area Planning Approach Towards Urban Regeneration Two-Day Workshop held between 27th and 28th October 2023, Organized by Department of Planning, SPA Vijayawada.
- [16] Appointed as PhD. Examiner for Ph.D. thesis entitled "Investigating Factors Influencing Women's Engagement with Public Spaces in Urban Context of Bhopal." of Ms. Arshi Parashar, Department of Architecture and Planning, Indian Institute of Technology Roorkee, Jan 2024.

JOURNAL EDITOR & REVIEWER:

- [1] Appointed as **Reviewer** of journal-Walailak Journal of Science and Technology (Walailak J. Sci. & Tech. or WJST), is a peer-reviewed journal covering all areas of science and technology, College of Graduate Studies, Walailak University, Thasala, Nakhon Si Thammarat 80161, Thailand, which is indexed in Scopus.
- [2] Appointed as **Reviewer** of "Land-use Policy", ISSN: 0264-8377, The International Journal Covering all aspects of Land Use, ELSEVIER Publication.
- [3] Appointed as **Reviewer** for the 2022 System Dynamics International Conference - Frankfurt Germany, System Dynamics Society, Littleton, MA 01460-0542 USA.
- [4] Appointed as **lead Guest Editor** of "International Journal of Property Management and Built Environment", Web of Science and SCOPUS indexed journal, by EMERALD Publishing Limited, United Kingdom, the international journal covering all aspects of Land Use.
- [5] Appointed as member **in Editorial Board** for the Sustainable Development: Open Access Journal, Sci-Hall Press Inc: An Open Access Scientific Publisher, Toronto, Ontario, Canada.
- [6] Appointed as member in **Editorial Board** for the "Human Geography and Regional Studies": Open Access Journal, Sci-Hall Press Inc: An Open Access Scientific Publisher, Toronto, Ontario, Canada.
- [7] Appointed as member in **Editorial Board** for the "Urban Research": Open Access Journal, Sci-Hall Press Inc: An Open Access Scientific Publisher, Toronto, Ontario, Canada.
- [8] Appointed as **Reviewer** of "Sustainable Cities and Society", ISSN: 2210-6707, is an international journal focusing on fundamental and applied research, ELSEVIER Publication.
- [9] Appointed as **Reviewer** of "Earth Science, Systems and Society (ES³)" is an official Journal of the Geological Society of London, United Kingdom.

CONFERENCES/SEMINARS/TRAINING PROGRAMMES ORGANIZED:

- [1] International Conference on "**Resilient and Liveable City Planning**" (**RLCP 2020**), held between February 10 to 13, 2021, as **Convener-RLCP2020**, organized by Department of Planning, at School of Planning and Architecture Vijayawada, Andhra Pradesh State, India.
- [2] A five days software training programme on "**PTV VISSUM and VISSIM**" (**Traffic Simulation Software**) by **PTV Group** was organized by Dr. Adinarayanane R and Ms. Naina Guptha, Department of Planning in SPA Vijayawada from August 19th-23rd 2019 for students of Masters in Transport and Infrastructure Planning.

- [3] A five days software training programme on "CUBE" (Transportation and Land-use Modelling Software) by City Labs Group was organized by Dr. Adinarayanane R and Ms. Naina Guptha, Department of Planning in SPA Vijayawada from September 03–07, 2019 for students of Masters in Transport and Infrastructure Planning.
- [4] A one-day seminar on "Urban Green Spaces using Geo-spatial Techniques for City Planning" and followed by a hands-on-training session with the faculty and students at GIS Lab, Department of Planning, SPA Vijayawada by Dr. RAAJ Ramsankaran, Associate Professor and Head of Hydro Remote Sensing Applications Group (H-RSA), Department of Civil Engineering, IIT Bombay, organized by Dr. Adinarayanane R, was held on 28/08/2019 at SPA Vijayawada.
- [5] A Special Lecture on "Urban Design and Public Space Management" by Uwe S. Brandes, Professor of Practice and Faculty Director, Urban and Regional Planning Program, Georgetown University, USA, was held on 02/08/2019 at SPA, Vijayawada, organized by Dr. Adinarayanane R and Mr. Prasanth Vardhan.
- [6] The World Town Planning Day 2019 (WTPD2019), a half-day event on 07/11/2019 to celebrate with the theme on 'Sustainable & Healthy Communities' by Prof. Dr. Eric Leclerc, from University of Lille, France, was the guest speaker for the WTPD 2019, organized by Dr. Adinarayanane R and Dr. Abdul Razak Mohamed.
- [7] A special lecture on "Smart City Planning Experiences from France", by Prof. Dr. Eric Leclerc, from University of Lille, France, was held on 30/10/2019, organized by Dr. Adinarayanane R and Dr. Abdul Razak Mohamed, at Department of Planning SPA, Vijayawada.
- [8] A special lecture on "Climate Change and Vulnerability of Coastline and Coastal Infrastructure", by Dr. Komali Kantamaneni, Research Fellow, Maritime, Technology and Environment, Solent University, United Kingdom, followed by interaction session was held on 30/11/2019, organized by Dr. Adinarayanane R and Mr. Prasanth Vardhan, at SPA Vijayawada.
- [9] A Seminar on "Preservation and Planning of Heritage Zones", includes. special lectures series and presentations by Prof. Dr. Michael Tomlan (Dept of City and Regional Planning, Cornell University, USA), Mr. Thomas Richmond (Practicing Planner, New York State Dept. of Conservation, USA), and few other speakers was held on 13.01.2020, organized by Dr. Ayon Tarafdar and Dr. Adinarayanane R, at SPA Vijayawada.
- [10] A special lecture on "Application of System Dynamics in Urban Planning" by Prof. Dr. V. Devadas, Professor, Department of Architecture and Planning, IIT Roorkee was held on 24.01.2020, organized by Dr. Adinarayanane R, Department of Planning, SPA Vijayawada.
- [11] A Special talk on "Fulbright-Nehru and other Fulbright Fellowship Opportunities in the US" by Dr. Monika Setia, Regional Officer – Hyderabad, U.S.-India Educational Foundation (USIEF) Fulbright Commission in India, U.S. Consulate General Hyderabad, was organized by Dr. Adinarayanane and Mr. Prasanth Vardhan, on 05.03.2020, at School of Planning and Architecture, Vijayawada.
- [12] Special Lecture on "Application of Geospatial Technology Towards Urban and Regional Planning" by Shri P. L.N. Raju, Director, Northeast Space Application Centre (NESAC), Dept of Space, Govt. of India, was held on 09.03.2020 at organized by Dr. Ayon K Tarafdar and Dr. Adinarayanane R at SPA Vijayawada.
- [13] Webinar Series on "Resilient Architecture and Dynamic City Planning", under the sub theme of "Rethinking Cities: Resilient and Liveable Futures", through Microsoft Teams on line mode, held on 27/05/2020, at School of Planning and Architecture Vijayawada, organized by Dr. Adinarayanane R and Dr. Ayon K Tarafdar.
- [14] Webinar Series on "Resilient Architecture and Dynamic City Planning", under the sub theme of "Post COVID 19 Urban Futures", presented the topic on "Post Covid-19 Urban Future spurs Rethinking of Mobility and City Planning", through Google Meet

- online mode, held on 17/07/2020, at School of Planning and Architecture Vijayawada, organized by Dr. Ayon K Tarafdar and Dr. Abdul Razak Md.
- [15] A six-day eShort Term Training Program, on ["Application on GIS in Urban Resilience Planning"](#), between November 03-November 08, 2020, at School of Planning and Architecture Vijayawada, Andhra Pradesh, under European Union Research project "Building Resilient Urban Communities" (BReUCom)- funded by the ERAMUS+ Programme of the European Union, organized by Dr. Adinarayanane R, Dr. Ayon Tarafdar, Dr. Faiz Ahmed and Dr. Prashanti Rao.
- [16] A six Day Industry Academia Outreach Programme on ["Urban Dynamics and Climate Resilience"](#) between 28/11/2020- 03/12/2020, is a short-term e-Short Term Training Programme (eSTTP, under European Union Research project "Building Resilient Urban Communities" (BReUCom)- funded by the ERAMUS+ Programme of the European Union, at SPA Vijayawada, organized by Dr. Adinarayanane R, Dr. Ayon Tarafdar, Dr. Faiz Ahmed and Dr. Prashanti Rao.
- [17] A half a day Workshop on the topic "Planning for a Sustainable Environment for Vijayawada City, Andhra Pradesh", held on 29/05/2021, at School of Planning and Architecture Vijayawada, Andhra Pradesh, under the collaboration of experts from UN-HABIAT team, organized by Dr. Adinarayanane R and Rajeev R.
- [18] Workshop Series-2023 on ["Building Inclusive Cities for Resilient and Sustainable Future"](#), academic collaboration in line with MoU between SPA Vijayawada and UN-Habitat, at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [19] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-1](#) under the theme, ["Assessment Framework for Inclusive Cities: Towards resilient and Sustainable development"](#), held on 03/01/2023, hybrid mode, at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [20] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-2](#), under the theme, ["Urbanization and Climate Change"](#), held on 08/02/2023, (online) at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [21] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-3](#). under the theme, ["Housing for All: Challenges and Opportunities"](#), held on 01/03/2023, (online) at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [22] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-4](#). under the theme, ["Mobility and Transport for Sustainable Development"](#), held on 12/04/2023, (online) at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [23] A week Executive Development Programme on ["Application of Statistics in Spatial Planning"](#) held between 28/06/2023 to 04/07/2023, at Department of Planning, SPA Vijayawada, organized by Dr. Solanki Ghosh and Dr. Adinarayanane R.
- [24] A week Executive Development Programme on ["Simulation Techniques for Intersection Design in Urban Transport Planning"](#) held between 05/07/2023 to 11/07/2023, at Department of Planning, SPA Vijayawada, organized by V.Sai Sesidhar and Dr. Adinarayanane R.
- [25] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-5](#). under the theme, ["Urban Design and Resilience Development"](#), held on 19/07/2023, (online) at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [26] Workshop Series-2023 on "Building Inclusive Cities for Resilient and Sustainable Future", [Workshop-6](#). under the theme, ["Urban Regeneration and Community Planning"](#), held on 16/08/2023, (online) at SPA Vijayawada, organized by Dr. Adinarayanane R.
- [27] [WORLD Habitat–Standards–Cities – Town Planning Day Initiatives Towards building better Urban Communities and Cities](#), series of events organized by Dr. Adinarayanane R and Mr. Rajeev R, Department of Planning School of Planning

and Architecture Vijayawada during October-November,2023.

- [28] On campus Training Programme "Local Area Planning Approach Towards Urban Regeneration Two-Day Workshop held between 27th and 28th October 2023, Organized by Dr. Prasant Vardhan. Ms. Aparna D and Dr. Adinarayanane R, at Department of Planning, SPA Vijayawada.
- [29] A Two-Day Workshop on "Catalyzing Integrated Urban Development in Indian Cities", held between 28th and 29th March 2024, Organized by Dr. Adinarayanane R, and Dr. Arpan Pual Singh, at Department of Planning, SPA Vijayawada.

RESEARCH AND CONSULTANCY PROJECTS:

- [1] Project Coordinator for Research Consultancy Project "Revision of Andhra Pradesh Town and Country Planning Act, 1920", by Directorate of Town & Country Planning, Government of Andhra Pradesh. (Rs. 55.0 lakhs).
- [2] Project Co-Coordinator for European Union Research project "Building Resilient Urban Communities" (BREUCom)-International Capacity Building in the field of Higher Education (CBHE), for the period of three years (i.e.,15/01/2019 to 14/01/2023), funded by the ERAMUS + Programme of the European Union. (Rs.1 Crore)
- [3] Project Co-Coordinator- Research Project "Gram Panchayat Spatial Development Plan", for Paritala & Telaprolu Gram Panchayats, Krishna District, Andhra Pradesh", (2021-22), funded by the Ministry of Panchayati Raj, Government of India, (5.0 Lakhs).
- [4] Project Co-Coordinator- Research Project "Smart cities and Academia towards Action & Research (SAAR)", (2021-22), Project funded by the Ministry of Housing and Urban Affairs, Government of India.
- [5] Project Member- Research and Consultancy Project "Preparation of Regional Plan for Thiruchirapalli Region, Tamil Nadu, by Directorate of Town & Country Planning- Chennai, Tamil Nadu State, funded by Government of Tamil Nadu. (5.61 Crores).
- [6] Project Co-Coordinator- Research Project Sameeksha Series- SCM Impact Assessment-Smart City Missions (2024) funded by the Ministry of Housing and Urban Affairs, Government of India.
- [7] Project Coordinator- Research Project "Enhancement of Gram Panchayat Spatial Development Plan (GPSDP)", for Telaprolu Gram Panchayat and Paritala Gram Panchayat, NTR District, Andhra Pradesh" (2024), comes under Mission Mode Project on e-Panchayat funded by the SVAMITVA Division, Ministry of Panchayati Raj, Government of India, (10.0 Lakhs).
- [8] Project Coordinator-professional service-Vetting of RFP Documents for the selection of consultants for the "preparation of feasibility report and detailed Project Report for Urban Sustainable Land Reconstitution Project in Kochi (2024)", for KIIFCON Private Limited 7th Floor, Felicity Square, Statue, M.G. Road, Thiruvananthapuram Kerala- 695001. (Rs.3.0 Lakhs).
- [9] Project Coordinator-Research and Consultancy Project-titled"Integrated Approach for Sustainable and Resilient Infrastructure Planning in Kerala: Case Studies of Kochi Corporation and Thiruvananthapuram Corporation" (2024), a short study for Kerala Urban Policy Commission (KUPC)-Infrastructure Pillar: Sustainable and Resilient Infrastructure Planning, as a part of initiative by Kerala Institute of Local Administration (KILA), Government of Kerala. (Rs.2.10 Lakhs).
- [10] Project Coordinator- Research and Consultancy Project "Preparation of Traffic & mobility plan for Jaipur walled city area" (2024), as per the requirement of Special Area Heritage Plan under the UNSECO tag, for PDCOR Limited- A Project Development Company Jointly Promoted by Government of Rajasthan and IL&FS Group. (Rs.15.85 Lakhs).

- [11] Overall Project Coordinator- Research and Consultancy Project “Developing Thematic Elevation Design for the Suspension-Cable Stayed bridge across Narmada River and Road Junction Improvement (Four Intersections),” (2024), by Jabalpur Region, The Public Work Department (B & R) and Public Work Department (Bhawan), Government of Madhya Pradesh. (Rs.25 Lakhs).
- [12] Project Member- CAR-Research Project: City Specific Applied Research Project (CAR) “Energy Efficiency Considerations in Building Byelaws and Development Control Regulations of Tirupati City, Andhra Pradesh, India”,(2024), by AMRUT Funded Centre for Urban Planning Capacity Building (SPAV-A-CUPCB), AMRUT Division under MoHUA, Government of India(Rs.50.60 Lakhs).
- [13] Project Member-CAR-Research Project: City Specific Applied Research Project (CAR) “Development of Low Emission Zone (LEZ) in Old Core City Area of Vijayawada City, Andhra Pradesh, India”, (2024), by AMRUT Funded Centre for Urban Planning Capacity Building (SPAV-A-CUPCB), AMRUT Division under MoHUA, Government of India (Rs.50.60 Lakhs).
- [14] Project Member- TUR-Research Project: Targeted Urban Research Project (TUR) “Canopy Layer UHI Mitigation Strategies for Hotspots Using Local Climate Zones, In Hyderabad City, Telangana, India”, (2024), by AMRUT Funded Centre for Urban Planning Capacity Building (SPAV-A-CUPCB), AMRUT Division under MoHUA, Government of India (Rs.17.0 Lakhs).

MEMBERSHIP OF PROFESSIONAL SOCIETIES/INSTITUTIONS:	
Name of the Professional Institute /Society	Type of Membership
Institute of Town Planners, New Delhi, India.	Life Member (A.I.T.P)
Indian Institute of Public Administration, New Delhi, India	Life Member (I.I.P.A)
Indian Concrete Institute, Chennai, India.	Life Member (M.I.C.I)
System Dynamics Society, 451 King Street #542 Littleton, Massachusetts (MA) 01460-0542 USA.	Member (S.D.S)
Professional Engineer, Engineering Council of India, New Delhi, India	Life Member (E.C.I)
Institution of Engineers (India), Kolkata, India.	Life Member (I.E.I)
International Society of City and Regional Planners (ISOCARP) Hague, The Netherlands.	Member
Association of European Schools of Planning (AESOP), Henley Business School, Whiteknights, Reading, UK, RG6 6UD	Member
Integrated Disaster Risk Management (IDRiM) Society, Kyoto University, Kyoto 611-0011 JAPAN.	Life Member (ID:299RIDMAR)

COUNTRIES VISITED:

Countries Visited	Duration of Visit	Purpose of Visit
U.S.A.	April 14 to May 16, 2022	<ul style="list-style-type: none"> • Academic study visit / tourism. • To Visit Urban Planning Schools of three Universities in U.S.A and had dialogue with experts in the area of research.
The Netherlands	February 22 to March 01, 2020	<ul style="list-style-type: none"> • European Union ERASMUS +Research project "Building Resilient Urban Communities"
		(BReUCom)-International Capacity Building in the field of Higher Education (CBHE), organized at University of Twente, ITC, The Netherlands.
Austria	August 23, to September 01, 2019	<ul style="list-style-type: none"> • Symposium and Project meeting as part of European Union ERASMUS + Research project "Building Resilient Urban Communities", (BReUCom)-International Capacity Building in the field of Higher Education (CBHE), Donube University, Krems, Austria.
U.S.A.	July 05, 2015 to September 08, 2015	<ul style="list-style-type: none"> • To present two technical papers in the international conference CUPUM 2015 titled "14th International Conference on Computers in Urban Planning and Urban Management", Department of Urban Studies & Planning (MIT) during July 7 to July 10, 2015, at the Massachusetts Institute of Technology, Cambridge, Boston, U.S.A. • To Visit Urban Planning Schools of five Universities in U.S.A and had dialogue with experts in research.
U.A.E.	January 29,2013 to February 4, 2013	<ul style="list-style-type: none"> • To present a technical paper in the "International Conference on Energy, Environment and Sustainable Development, 2013," by the World Academy of Science, Engineering and Technology held at Dubai, U.A.E.
U.S.A.	July 29, 2012 to August 24, 2012	<ul style="list-style-type: none"> • To present two technical papers in the international conference titled "International conference on Sustainable Development, 2012" held at Montclair State University, New Jersey, U.S.A. • To visit Urban Planning schools of six Universities in U.S.A. for data collection/ dialogue with experts in the area of research.
Singapore	July 24,2007 to August 18, 2007	<ul style="list-style-type: none"> • Academic study visit / tourism
Malaysia	July 24,2007 to August 18, 2007	<ul style="list-style-type: none"> • Academic study visit / tourism
Thailand	July 24,2007 to August 18, 2007	<ul style="list-style-type: none"> • Academic study visit / tourism

REFERENCES:

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I hereby declare that all the statements above are true and complete to the best of my knowledge.



(Dr. Adinarayanane R)

Place: Vijayawada, Andhra Pradesh.
Date:31/12/2024.