

I. NAME AND DESIGNATION

Dr. H.S. KUMARA MDP, MURP, PhD, AITP.

Associate Professor
Urban and Regional Planning
School of Planning and Architecture
University of Mysore
Mysuru, Karnataka, India
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II. CURRENT POSITION (14 years of Teaching and Research Experience in PG level)

31-03-2020	Associate Professor
2020 - Present	Urban and Regional Planning, School of Planning and Architecture, Manasagangotri, University of Mysore, Mysuru.
30-03-2007 to	Assistant Professor
30-03-2020	Urban and Regional Planning, School of Planning and Architecture, Manasagangotri, University of Mysore, Mysuru.
2018	University SWAYAM Coordinator University SWAYAM Coordinator to UGC-MOOCs: A Vertical of SWAYAM, University Grants Commission, New Delhi.
2018	Nodal Officer Disbursement of Schemes and Benefits to Suicide Farmer Children's, Government of Karnataka, Bengaluru.
2018	Center Coordinator, SWAYAM Course Examination, University Grants Commission, New Delhi.
2020	Coordinator, Development of Massive Open Online Courses (MOOCs) to Administrative Training Institute (ATI), Government of Karnataka, Mysuru

III. PRIOR PROFESSIONAL EXPERIENCE (4 years of Consultancy and Services Experience)

2006- 2007	Urban Planner/Team Coordinator: Groupe SCE INDIA Pvt. Ltd. (French Consortium, France) <i>City Development Plan under UIDSSMT, Jalgaon city, Maharashtra State:</i> Coordination of Urban Planning Team and various stakeholders and preparation of diagnosis study and City Investment Plan. Urban Planner/Team Coordinator: Groupe SCE INDIA Pvt. Ltd. (French Consortium, France) <i>Revision of Master Plan 2015, Bangalore:</i> Bangalore Development Authority Project; task scheduling and intra-coordination of the GIS, Urban Planning and Cartography teams. Responsible for interaction with the client, preparation of land use, zoning regulation, diagnosis report and vision documents.
2005-2006	Project Coordinator: City Managers Association of Karnataka (CMAK), Bangalore. <i>City Development Strategy; Hubli – Dharwad Twin city, Karnataka;</i> A Cities Alliance Project, funded by the World Bank; Project Coordinator - Including task identification and strategic planning for various issues such as urban

- governance, infrastructure improvement, service delivery, slum improvement and poverty alleviation, urban environment and health, physical planning and municipal finance and urban reforms.
- 2004-2005** **Urban Planner: Centre for Sustainable Development (CSD), Bangalore.**
Machinery of Government: Government of Karnataka – the project is sponsored by Department for International Development (DFID) and Centre for Good Governance, Hyderabad, in charge of data collection and preparation of Report.
Local Bodies Financial Accountability Assessment in Karnataka – the project is sponsored by Department for International Development (DFID) and Centre for Good Governance, Hyderabad, in charge of data collection and preparation of Report.
Urban Sector Review and Strategy: Urban poverty reduction and community participation, Solid Waste Management—theme paper – special reference to Asian Development Bank (ADB) assisted towns in Karnataka – the project is sponsored by Asian Development Bank (ADB), in charge of data collection and preparation of Report.
Sub-national Governments: Bangalore Case Study –The project is sponsored by the World Bank, In charge of data collection and preparation of Report.
Metropolitan Spatial Data Infrastructure Project – Comprehensive Development Plan for Bangalore - 2004: Resource Mobilization Survey, Urban Land Management and Land pooling by various Public stakeholders in Bangalore Metropolitan Area.
Municipal Solid Waste Management – The project is sponsored by Bangalore Mahanagara Palike: In charge of Physical Composition and quantification of Municipal Solid Waste arise from Residential; Commercial and Slum areas in Bangalore city.
Planning & design of rain water harvesting system – The project is sponsored by Karnataka Housing Board, implemented at National Games Housing Project, Kormangala, Bangalore. *Preparation of Detailed Project Report (DPR) of Rain Water Harvesting Systems* for KHB layouts in Kalasapur – Gadag, Kelokote - Chitradurga and Shettihalli -Tumkur sponsored by Karnataka Housing Board, Bangalore.
- 2003-2004** **Urban Planner: M/s. Pithavadian and Partner, Bangalore**
Planning and Design of Residential Layouts - In charge of planning and design of residential layouts, preparation of detail project reports, implemented by the Karnataka Housing Board.
- 2003(2 month)** **Research Associate: Institute of Development Studies, Mysore**
Urban Local Observatory Project: In charge of secondary data collection for 'Urban Local Observatory' (LOU) projects implemented at Bidar and Davangere Cities. Sponsored by TCPO (Town and Country Planning Organization) under Ministry of Urban Development and Poverty Alleviation, Government of India.
- 2003(2 month)** **Research Associate: Institute of Development Studies, Mysore**
Evaluation of KHB Layouts: In charge of primary house hold survey and secondary data collection for evaluation of KHB Projects implemented at Yelahanka and Mandya city.

IV. PERSONAL INFORMATION

Date of Birth 9th May, 1973
Nationality Indian
Residential Address # 444, 7th Main Road, Alanahalli Extension, Mysuru-570028.

V. EDUCATIONAL QUALIFICATION

Ph.D. **Doctoral degree in Urban and Regional Planning**
Institute of Development Studies, University of Mysore, Mysuru, 2013
(Title: *Metropolitan Governance: Issues and Choices - A study in interrelationship between Bangalore Metropolitan Center and Metropolitan Region*)

MURP **Master of Urban and Regional Planning, 2002, First Class,**
Institute of Development Studies, University of Mysore, Mysuru.

MDP **Master of Development Planning, 2000, First Class,**
Institute of Development Studies, University of Mysore, Mysuru.

VI. PROFESSIONAL CERTIFICATE COURSES

2019 Annual Refresher Programme in Teaching (ARPIT) '*Civil Infrastructure for Smart City Development*' NITTTR Chennai, AICTE, Ministry of Human Resource Development (MHRD), Government of India (Course Start Date 13-12-2018 to End Date 28-02-2019 (Duration: Two and Half Month course, 3 Credits).

2013 Two months training programme on '*GIS and Remote Sensing Application to Urban and Regional Planning*' Institute of Remote Sensing (IIRS) Dehradun, sponsored under NNRMS-Indian Space Research Organization (ISRO) and Department of Space (DoS), Ministry of Science and Technology, Government of India.

2012 Five days '*Training programme on preparation of District Human Development Report*' Mandya District, Administrative Training Institute, Mysore. Sponsored by Planning and Statistical Department, Government of Karnataka, Karnataka.

2012 Five days '*Training programme on preparation of District Human Development Report*' Chamarajanagar District, Administrative Training Institute, Mysore. Sponsored by Planning and Statistical Department, Government of Karnataka, Karnataka.

2011 UGC Sponsored- *Refresher Course on Urban Development (Economics)* (21 days) Academic Staff College, University of Mysore, Mysore.

2009 UGS Sponsored – *Orientation Programme* (27 days), Academic Staff College, University of Mysore, Mysore.

VII. PUBLICATIONS

a). Referred Journals (National and International)

2021 K.V. Vishruth, Bigith V.B and **Dr. H.S. Kumara**. Disaster Risk Reduction and Modification Strategy for Settlement Pattern in the Context of Flood-2018: Thrissur District. Journal of Xi'an University of Architecture & Technology, Science Press, ISSN No: 1006-7930 Volume XIII, Issue 4, April 2021. Page No. 623-638. <https://doi.org/10.37896/JXAT13.4/30758> (**Scopus Impact Factor 0.3/UGC CARE Group -II listed**)

2021 K.V. Vishruth and **Dr. H.S. Kumara**. Planning Strategies for Development of Sustainability in Regional Tourism in Karnataka: a Case of Melukote,

- Karnataka. Journal of Xi'an University of Architecture & Technology, Science Press, ISSN No: 1006-7930 Volume XIII, Issue 2, February, 2021 and Page No. 250-260. <https://doi.org/10.37896/JXAT2.1/30322> (**Scopus Impact Factor 0.3/UGC CARE Group -II listed**)
- 2020 Bigith V.B. and **H.S. Kumara**. Sustainable Spatial planning strategies for Corridor-based developments of Small and Medium towns: A case study of Wadakkanchery Town, Kerala State, India. *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI-DELENG/2004/12725, Volume 17, Numbers: 4, pp31-42, October-December, 2020.
- 2020 **H.S. Kumara** and S. Gopiprasad. Transfer of Development Rights as an instrument for Spatial Planning implementation: A Case of Bengaluru Metropolitan Area. *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI- DELENG/2004/12725, Volume 17, Numbers: 2, pp95-102, April-June, 2020.
- 2020 G. Sooraj and **Dr. H.S. Kumara**. Tourism Plan for Bekal: A Case Of Bekal fort, Special Tourism Area of Kerala. Journal of Xi'an University of Architecture & Technology, Science Press, ISSN No: 1006-7930 Volume XII, Issue VIII (August) and Page No. 10-18. https://doi.org/10.37896/JXAT12_08/2601 (**Scopus Impact Factor 0.3/UGC CARE Group -II listed**)
- 2020 G. Sooraj, **Dr. H.S. Kumara** and Naveen K. Sustainable Habitat Plan for Conservation of Hilly areas: A case study of Kannur District, Kerala State, Journal of Xi'an University of Architecture & Technology, Science Press, ISSN No: 1006-7930 Volume XII, Issue VII (July), and Page No. 733-742. 2020, https://doi.org/10.37896/JXAT12_07/2379 (**Scopus Impact Factor 0.3/UGC CARE Group -II listed**)
- 2019 Bigith V.B. and **H.S. Kumara**. Integrating Plan for Backwaters Transportation with Tourism Development: A Case Study of Kochi City Region. *Int. J. Urban Manage Energy Sustainability*, 2(1): 1-8 spring 2019. 10 April, 2019. DOI: 10.22034/ijumes.2019.4.10.033
- 2019 **H.S. Kumara**. CO2 Emissions from Urban Transport: Challenges and Opportunities for Non-Motorized Transport in Indian Cities. *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI- DELENG/2004/12725, 16x1, January- March, 2019, pp 73-89.
- 2018 **H.S. Kumara** and S. Gopiprasad. Rapid Urbanization and Infrastructure Financing for Mega Cities: Indian Chinese Experience, *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI-DELENG/2004/12725, 15x2, April – June, 2018, pp 15-31.
- 2016 **Dr. H.S. Kumara**. Multi-Actors' Scenario for Measuring Metropolitan Governance and Spatial Planning in Bengaluru, *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI-DELENG/2004/12725, Vol-13, No. 3, July – September, 2016, pp 15-31.
- 2013 **H.S. Kumara**. Revisit the Debate on Issues of Metropolitan Governance and Service Delivery: A Trajectory of Efficient Service Delivery Model for Water Supply in Bangalore, India, *Journal of Environment and Urbanization Asia*, Vol. 4 No. 1, 203–220, March, 2013 ISSN 0975-4253. National Institute of Urban Affairs (NIUA), SAGE Publications, Los Angeles, London, New Delhi, Singapore, Washington DC DOI: 10.1177/0975425313477766, <http://eua.sagepub.com>. (**Ranking: 2015 SJR (SCImago Journal Rank) IMPACT FACTOR: 0.690 | 88/127 Urban Studies (Scopus®)**).
- 2013 **H.S. Kumara** and S. Gopiprasad. Could Decentralization Policy and Good

- Governance Enhance Service Delivery: A case of Hubli - Dharwad Twin City, 24/7 Water Supply Scheme? *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI- DELENG/2004/12725, Vol.10, No.1, January –March 2013, pp. 80-91.
- 2010 **H.S. Kumara.** ICT Driven E-Governance Public Service Delivery Mechanism in Rural Areas: A Case of Rural Digital Services (NEMMADI) Projects in Karnataka- India, *International Journal of Computing and ICT Research, Makerere University, P.O. Box 7062, Kampala, Uganda*. ISSN 1818-1139 (Print), ISSN 1996-1065 (Online), Vol.4, No.2 December 2010. pp. 37 – 45.
- 2010 **H.S. Kumara.** Dynamics of Urban Planning and controlled methodology for 'Fast Track' Implementation of Urban Infrastructure: A case of Bengaluru, *Journal of Spatio-Economic Development Record, New Delhi*, ISSN0971-4944,RNI No. 57320/94, May-June, 2010, Vol.17,No.3pp.13-20.
- 2009 **H.S. Kumara.** Planning for Bus Rapid Transit System (BRTS) in Indian Metropolitan Cities: Challenges and options, *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI-DELENG/2004/12725, Vol.6 No.4, October-December, 2009, pp. 09-21.
- 2008 **H.S. Kumara.** Speedy Implementation for Provision of Urban Infrastructure: A case of Mysore City, *ITPI Journal, Journal of the Institute of Town Planners, India, New Delhi*, ISSN 0537-9679, RNI- DELENG/2004/12725, Vol. 5 No. 4, October-December, 2008, pp. 49-58.

b) Articles in Proceedings of the Conference/Seminar and workshop (National and International)

- 2021 Dr. S. Gopiprasad and **Dr. H.S. Kumara.** Key Takeaways from Covid-19 Response: Building Resilience and SDGs through Regional Planning in Coastal Areas: Case of Kendrapara Region, Orissa. 69th National Town and Country Planners Congress, Novotel, Visakhapatnam, Andhra Pradesh, Institute of Town Planners, in India, Delhi. Technical Papers volume, 26th – 28th February, 2021. Pp383-389.
- 2021 Vijaymahantesh A Dharmanti, Goutham Konikar S.M., and **H.S. Kumara** Transit-Oriented Development (TOD) for Resilient Cities: Evidence from Hubli Dharwad Twin City. *RLCP-2020 Conference Proceedings. International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System*, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India (ISBN 978-93-90211-61-6. BS Publication, Hyderabad), 10th -13th February, 2021. Page No. 244-250.
- 2021 Bigith V.B and **H.S. Kumara.** Promoting Sustainable and Resilient Transportation Plan for Thrissur City, Kerala. *RLCP-2020 Conference Proceedings. International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System*, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India (ISBN 978-93-90211-61-6. BS Publication, Hyderabad), 10th -13th February, 2021. Page No. 341-344.
- 2021 Abhilash M.P and **H.S. Kumara.** Flood Risk Mitigation and Climate-Resilient infrastructure Provisions of Coastal Cities in India: A Case Study of Mangaluru City. *RLCP-2020 Conference Proceedings. International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System*, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India (ISBN 978-93-90211-61-6. BS Publication, Hyderabad), 10th -13th February, 2021. Page No. 345-349.
- 2021 Likith S., Goutham Konikar S.M., and **H.S. Kumara.** Opportunities and

- Challenges for Sustainable Tourism Development in Sub-Regions: A Case Study of T. Narasipura, Mysuru, Karnataka. *RLCP-2020 Conference Proceedings. International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System*, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India (ISBN 978-93-90211-61-6. BS Publication, Hyderabad), 10th -13th February, 2021. Page No. 355-358.
- 2020 **H.S. Kumara** and S. Gopiprasad. Transfer of Development Rights (TDR) as an Instrument for Spatial Planning Implementation: Case of Bengaluru Metropolitan Area (BMA). 68th National Town and Country Planners Congress, Navi Mumbai, Institute of Town Planners, in India, Delhi. Technical Papers volume, 11th -13th January, 2020. Pp363-368.
- 2019 **H.S. Kumara**. Urban Expansion, Spatial Planning Confronts and Urban Land Polices of Megacities in India. 67th National Town and Country Planners Congress, Chandigarh, Institute of Town Planners, in India, Delhi. Technical Papers volume, 4th -6th January, 2019. Pp148-154.
- 2018 **H.S. Kumara**. Rapid Urbanization and Environmental Challenges in Metropolitan cities in India, 66th National Town and Country Planners Congress, Hyderabad, Telangana, Institute of Town Planners, in India, Delhi. Technical Papers volume, 2nd -4th February, 2018. Pp104-110.
- 2017 **Dr. H.S. Kumara**. Low Carbon and Livable Cities in India: Challenges and Opportunities for Smart Applications. Proceedings of International Conference on 'Future of Cities: Opportunities and Challenges' organized by the Institute of Town Planners, India during 27-28 July, 2017 at Vigyan Bhavan, New Delhi, India.
- 2017 **Dr. H.S. Kumara**. Innovative Land-Based Resource Mobilization for Implementation of Development Plans: Options and Experiences of Indian Cities 65th National Town and Country Planners Congress, Udaipur, Rajasthan, Institute of Town Planners, in India, Delhi. Technical Papers volume, 6th-8th January, 2017. Pp231-236.
- 2016 **Dr. H.S. Kumara**. Fusion of Spatial Planning and Greenfield Developments in India: A Case study of Bengaluru, 64th National Town and Country Planners Congress, Raipur, Institute of Town Planners, in India, Delhi. Technical Papers volume, 8th -10th January, 2016. Pp242-247.
- 2015 **Dr. H.S. Kumara**. Emerging pattern for Inclusive Smart Cities in India: A case of Mysore, 63rd National Town and Country Planners Congress, Chennai, Institute of Town Planners, in India, Delhi. Technical Papers volume, 9th -11th January, 2015. Pp354-360.
- 2014 **Dr. H.S. Kumara**. Urban Imbrogio and Planning for Urban Renewal-Challenges and Options for Indian Cities: a case of Mysore city, 62nd National Town and Country Planners Congress, Pune, Institute of Town Planners, in India, Delhi. Technical Papers volume, 10th - 12th January, 2014. Pp73-80.
- 2012 **H.S. Kumara**. Issues and Challenges for Planning and Development of Metropolitan Cities in India – A case of Bangalore, 60th National Town and Country Planners' Institute of Town Planners, India, Mysore, Karnataka, Technical Papers volume, January, 2012 pp47-53.
- 2011 **H.S. Kumara** and S. Gopiprasad. Strategic Spatial Planning as a key driver for Sustainable Urban Development: A case of Bangalore, 59th National Town and Country Planners' Institute of Town Planners, India, Panchkula, Haryana, Technical Papers volume, January, 2011 pp126-133.

c) Books and Chapters:

- 2014 **Dr. H.S. Kumara.** Issues and Choices for Managing Public Transport System in Mysore City, Karnataka. Edited book (ISBN: 978-935053-361-1). *Changing Spectrum of Human Settlements and Planning Education*. 2014, pp158-167. Cyber Tech Publications. New Delhi -02.

VIII. RESEARCH PROJECTS

- Co-Investigator** Preparation of District Human Development Report for Chamarajanagar District. Zilla Panchayat, Chamarajanagar District and Planning, Programme Monitoring and Statistics Department. Government of Karnataka (**Project Cost Rs. 9 lakhs**- Completed-2015).
- Co-Investigator** Preparation of District Human Development Report for Mandya District Zilla Panchayat, Mandya District and Planning, Programme Monitoring and Statistics Department. Government of Karnataka (**Project Cost: Rs. 9 lakhs**- Completed-2015).
- Part-time Consultant** Preparation of Sub-regional plan and Development plan for Hutti Gold Mines Limited. Ides Consulting Pvt. Ltd. In association with Hutti Gold Mines Limited (HGML), Raichur, Government of Karnataka.
- Part-time Consultant** Preparation of Detailed Project Reports for Restoration of Lakes in Mysore under Jawaharlal Nehru National Urban Renewal Mission (JNNURM), Government of India. Ides Consulting Pvt. Ltd. Bangalore in association with Mysore City Corporation (MCC), Mysore and MOUD, Government of India.
- Principal Investigator** Impact of on-street parking on road capacity and traffic congestion in Mysuru City: A Cross-sectional study, Sponsored by University of Mysore, Mysuru Minor Research Project (**Project Cost: Rs. 75000/-**).
- MOOCs Coordinator** Development of Massive Open Online Courses to Administrative Training Institute (ATI), Government of Karnataka, Mysuru (1 Professional Diploma Course in Public Administration (24 credits, 10 months) and Professional Diploma Courses on Disaster Management, Data Analytics and e-governance, Public Private Partnership, Sustainable Development Goals and Social Justice and Equality (**Project Cost: Rs. 1,29, 85, 000/-**))
- Workshop organized** **Organizing Secretary:** Brainstorming Workshop on 'Adoption of UGC-MOOCs SWAYAM courses' on Tuesday, April 28th, 2018. Seminar Hall, Vijanan Bhavan, Manasagangotri, University of Mysore, Mysuru.
Organizing Secretary: Orientation workshop on SWAYAM Courses for Third Semester, Post-graduate Students on Saturday, 25th August, 2018. Senate Hall, Manasagangotri, University of Mysore, Mysuru.
Organizing Secretary: Two Days Training Programme on 'Sustainability in Built Environment' on 8th and 9th May, 2019, Rani Bhadur Auditorium, BIMS, Manasagangotri, University of Mysore, Mysuru. School of Planning and Architecture, in association with Centre for Science and Environment, New Delhi.
Organizing Secretary: One day workshop on 'Adoption of UGC-MOOC SWAYAM Courses' on 19th June, 2019, Auditorium, Vijanan Bhavan, Manasagangotri, University of Mysore, Mysuru.
Convener: Round Table Panel Discussion on 'Affordable Housing: Addressing thermal comfort, energy efficiency and environmental sustainability' on 26th July, 2019 at The Chancery Hotel, Lavelle Road, Bengaluru in association with Centre for Science and Environment, New Delhi.

Organizing Secretary: One day online Training Programme on 'Progressing thermal comfort, resource efficiency and sufficiency in mass housing' on 30th May, 2020. School of Planning and Architecture, University of Mysore, Mysuru in association with Centre for Science and Environment, New Delhi.

Convener: One Day Orientation Workshop on 'Development of e-contents for Massive Open Online Courses (MOOCs)', ATI on 17th March, 2021. University of Mysore in association with the Administrative Training Institute (ATI), Mysuru at Vijnana Bhavan Auditorium, Manasagangotri, Mysuru-06.

IX. PROJECTS OUTCOME MAJOR POLICY DOCUMENTS, GOK

DHDR, CHAMARAJANAG AR	District Human Development Report for Chamarajanagar (500 Copies Published in English and Kannada), Planning, Programme Monitoring and Statistics Department. Government of Karnataka.
DHDR, MANDYA	District Human Development Report for Mandya (500 Copies Published in English and Kannada), Planning, Programme Monitoring and Statistics Department. Government of Karnataka

X. RESERCAH GUIDANCE: CANDIDATES PURSUING Ph.D. - 06

Name	Title of the Thesis and Year of Enrolment
Mr. V.B. Bigith	Exploring Travel Characteristics and Built Environment for Sustainable Transportation Planning in Thrissur City in Kerala, 2017.
Mr. G. Sooraj	Planning Strategies for Development of Tourism with special reference to Kannur- Iritty Corridor in Kerala, 2017.
Mr. K.V. Vishruth	Planning for Sustainable Tourism Development: A study of Mandya and Mysuru Districts, 2017.
Mr. M.P. Abhilash	Spatial Planning and its impact on Climate Change in Coastal city of Mangaluru, 2017.
Miss. Ashwini Shivayya Bellerimath	Spatial Planning Integration for Non-Motorized Transport: A case study of Hubballi City, 2017.
Miss. Sushma T.M.	Provisionally enrolled, 2021
Mr. Darshan Shivaswamy B.	Provisionally enrolled, 2021
Mr. Lokesha M.	Provisionally enrolled, 2021

XI. ORAL PRESENTATION AND SPECIAL LECTURES IN CONFERENCES

2021	National Webinar on 'Introduction to UGC-MOOCs and SWAYAM Courses' (Online) on 2 nd July, 2021. Organized by IQAC, KLE Society's R.L. Science Institute, Belagavi, Karnataka.
2021	Overview of UGC- MOOCs SWAYAM courses, UGC Regulations and its Adoption and Development of MOOC courses. UGC Sponsored 2-Day Workshop on "MOOCs, Online Courses and Open Educational Resources (Online) on 27 th February, 2021. Organized by the UGC-Human Resource Development Center, University of Mysore, Mysuru.
2021	Introduction to UGC- MOOCs SWAYAM courses, UGC Regulations and its Adoption and Development of MOOC courses'. UGC Sponsored RUSA Funded 2 nd Faculty Induction Programme (Online), on 15 th February, 2021. Organized by the UGC-Human Resource Development Center, University of Mysore, Mysuru.
2021	Paper presented on the topic of 'Transit-Oriented Development (TOD) for

- Resilient Cities: Evidence from Hubli Dharwad Twin City'. International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India, 10th -13th February, 2021 (Virtual Mode).*
- 2021 Paper presented on the topic of '*Promoting Sustainable and Resilient Transportation Plan for Thrissur City, Kerala*'. *International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India, 10th -13th February, 2021 (Virtual Mode).*
- 2021 Paper presented on the topic of '*Flood Risk Mitigation and Climate-Resilient infrastructure Provisions of Coastal Cities in India: A Case Study of Mangaluru City*'. *International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India 10th -13th February, 2021 (Virtual Mode)*
- 2021 Paper presented on the topic of '*Opportunities and Challenges for Sustainable Tourism Development in Sub-Regions: A Case Study of T. Narasipura, Mysuru, Karnataka*'. *International Conference on Resilient and Liveable City Planning (RLCP2020) Transforming Urban System, School of Planning and Architecture, Vijayawada, Andhra Pradesh, India 10th -13th February, 2021.*
- 2020 *Introduction to UGC- MOOCs SWAYAM courses, UGC Regulations and its Adoption and Development of MOOC courses*'. UGC Sponsored RUSA Funded 1st Faculty Induction Programme (Online), on 25th December, 2020. Organized by the UGC–Human Resource Development Center, University of Mysore, Mysuru.
- 2020 '*Online Education – Significance of Student Preparedness*. Three Days UG Students Induction Programme -2020, 10th December, 2020, organized by JSS College of Arts, Commerce and Science, Ooty Road, Mysuru.
- 2020 '*Introduction to UGC- MOOCs SWAYAM courses, UGC Regulations and its Adoption and development of MOOC courses*'. UGC Sponsored two day workshop on MOOCs, E-content Development and Open Educational Resources, on 3-4th March, 2020. Organized by UGC –Human Resource Development Center, University of Mysore, Mysuru.
- 2019 '*Open Educational Resources*' on 06-11-2019 to 07-11-2019 UGC Sponsored two day '*Faculty Induction Programme*' organized by JSS College of Arts, Commerce and Science, Ooty Road, Mysuru.
- 2019 *Instructional Design and Conceptual Designing in MOOCs*' on 13-12-2019 to 19-12-2019 UGC Sponsored seven days '*Workshops on E-content Development and Open Educational Resources for the Teachers*' two session on 13th December, 2019. Organized by UGC-Human Resource Development Centre, Kannur University, Kerala.
- 2019 Orientation workshop on SWAYAM Courses for Third Semester, Post-graduate Students on Saturday, 11th October, 2019. Rani Bahadur Auditorium, BIMS, Manasagangotri, University of Mysore, Mysuru.
- 2019 *Adoption of UGC-MOOCs SWAYAM Courses, Sponsored by University of Mysore, Technical Session on 19th June, 2019*, Auditorium, Vijanan Bhavan, Manasagangotri, University of Mysore, Mysuru.
- 2019 '*Instructional Design and Conceptual Designing in MOOCs*' UGC Sponsored seven days '*Workshops on E-content Development and Open Educational Resources for the Teachers*' two session on 21st March, 2019. UGC-Human

- Resource Development Centre, Kannur University, Kerala.
- 2019 *'Introduction to UGC- MOOCs SWAYAM courses, UGC Regulations and its Adoption and development of MOOC courses'*. UGC Sponsored two day workshop on MOOCs, E-content Development and Open Educational Resources, on 6-7th March, 2019. UGC –Human Resource Development Center, University of Mysore, Mysuru.
- 2019 *'SWAYAM Courses: Enrollment, Examination, Evaluation and Annual Refresher Programme in Teaching (ARPIT)'*. UGC Sponsored two day workshop on MOOCs, E-content Development and Open Educational Resources, on 6-7th March, 2019. UGC –Human Resource Development Center, University of Mysore, Mysuru.
- 2019 *'Land Use Planning in Urban Areas in India'* on 12th February, 2019 Common Foundation course for Assistant Town Planners at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysuru, Government of Karnataka.
- 2019 *'Overview of Regional Planning and levels of plan in India'* on 10th January, 2019 Common Foundation course for Assistant Town Planners at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysuru, Government of Karnataka.
- 2018 Orientation workshop on SWAYAM Courses for Third Semester, Post-graduate Students on Saturday, 25th August, 2018. Senate Hall, Manasagangotri, University of Mysore, Mysuru.
- 2018 Brainstorming Workshop on 'adoption of UGC-MOOCs SWAYAM courses' on Tuesday, April 28th, 2018. Seminar Hall, Vijanana Bhavan, Manasagangotri, University of Mysore, Mysuru.
- 2018 *'Overview of Regional Planning and levels of plan in India'* on 25th January, 2018 for Town Planning Job course at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysuru, Government of Karnataka.
- 2017 Paper presented on the topic of *'Low Carbon and Livable Cities in India: Challenges and Opportunities for Smart Applications'*. International Conference on 'Future of Cities: Opportunities and Challenges' organized by the Institute of Town Planners, India in association with World Bank, Asian Development Bank, and National Institute of Urban Affairs (NIUA) etc. during 27-28 July, 2017 at Vigyan Bhavan, New Delhi, India.
- 2017 *'Overview of Regional Planning and its planning Process in India'* on 23rd November, 2017 for Town Planning Job course at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysuru, Government of Karnataka
- 2012 *'Regional Planning and its Process in India'* on 13th July 2012 for Town Planning Job course at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysore, Government of Karnataka.
- 2011 *'Coordination in Planning and Urban Parastatals in Karnataka – special emphasis on Bangalore'* on 28th February, 2011 for Town Planning Job course at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysore, Government of Karnataka.
- 2011 *'Coordination in Planning and Urban Parastatals in Karnataka – special emphasis on Bangalore'* on 26th April 2011 for Town Planning Job course at State Institute of Urban Development (SIUD), Administrative Training Institute (ATI), Mysore, Government of Karnataka.

XII. MEMBER OF AUTHORITIES/ COMMITTEES

Member	Faculty of Science and Technology	2007-2009,2013-2015,2015-17, 2017-2019, 2019-2021, 2021-2023
Member	Board of Appointment of Examiner, Urban and Regional Planning	2014, 2015, 2018, 2019, 2020
Member	Board of Examination, Urban and Regional Planning	2009-2010,2010-2011,2011-12, 2013-2014,2014-15,2015-2016, 2016-17, 2017-18, 2018-19, 2019-2020, 2020-21
Chairman	Board of Examination, Composite Board of Urban and Regional Planning and Bachelors of Planning	2017-2018, 2020-21
Member	Board of Studies in Development Studies	2010-2013, 2016-2019
Member	Board of Studies in Urban and Regional Planning	2017-2020, 2020-2023
Member Coordinator	Special Board of Studies for Development of Massive Open Online Courses (MOOCs) to Administrative Training Institute (ATI), Govt. of Karnataka, Mysuru.	2020-2023
Member	Board of Studies in Civil Engineering – Civil and Planning	2021-2024
Member Coordinator	Development Council, Development of Massive Open Online Courses (MOOCs) to Administrative Training Institute (ATI), Govt. of Karnataka, Mysuru.	2020-2022
Member	Educational Standing Committee, Institute of Town Planners, India (ITPI), New Delhi	2018-19, 2019 -2020, 2020-21
Executive Committee Member Coordinator	Institute of Town Planners, India, Regional Chapter, Karnataka	2018-2019, 2019-2020
Coordinator	16 th Outreach Programme on ‘Geospatial Technologies for Urban Planning’	11 th February to 15 th March, 2016. Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	27 th Outreach Programme on ‘Geographical Information System and Remote Sensing’	13 th November, 2017 to 01 st December, 2017. Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on ‘Basics of SAR Remote Sensing’	26 th -30 th May, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and

		ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'Geospatial Inputs for Enabling Master Plan Formulation'.	27 th - 31 st July, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'Remote Sensing and Digital Image Analysis'	17 th August -11 th September, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'Global Navigation Satellite System'	14 th – 25 th September, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling'	21 st – 25 th September, 2020 conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'RS & GIS Applications'	2 nd -20 th September, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Coordinator	IIRS Outreach Programme on 'Advances in SAR-Polarimetry & Interferometry'	14 th – 18 th December, 2020 Conducted by the Indian Institute of Remote Sensing, Dehradun and ISRO, Department of Space, Ministry of Science and Technology, Government of India.
Focal Person	Center for Science and Environment, New Delhi	School of Planning and Architecture, Mysuru and Center for Science and Environment, New Delhi, has signed the MOU for Building

Reviewer	<p>Journal of Environment, Development and Sustainability</p> <p>Journal of the Anthropological Survey of India</p>	<p>Habitat and Environmental Curriculum Development.</p> <p>Springer Nature, Switzerland AG. Part of Springer Nature</p> <p>Published in Association with SAGE Publications India Pvt. Ltd. Anthropological Survey of India, Ministry of Culture Government of India. Kolkata India</p>
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XIII. MEMBERSHIP IN SCIENTIFIC SOCIETIES

2017	Institute of Town Planners, India (AITP-2017-025)	AITP - Life Member
2016	All India Research Association, Mysuru	Life Member
2013	Indian Society for Remote Sensing, Dehradun, India	Life Member

XIV. CERTIFICATES

2004	Qualified National Eligibility Test (NET) for lectureship conducted by the University Grants Commission (UGC), New Delhi.	
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XV. CONFERENCE/SEMINAR / WORKSHOPS PARTICIPATED SINCE 2007

Sl. No.	Name of the Conference /Seminar/ Workshop	Name of the Organizer	Presented /Participated	Date and Place of the Programme	Whether National and International
1.	South India Seminar on – “Town Planning at Cross Roads – Crisis in Urban Development and Governance”	Center for Symbiosis of Technology Environment and Management (STEM)	Participated	22 nd September, 2007, Bangalore	National
2.	Third Annual International Conference on Public Policy and Management	Indian Institute of Management	Participated	3 – 6 th August, 2008 Indian Institute of Management- Bangalore	International
3.	National Seminar on Trilogy of Non-Governmental Organizations, Community Engagement and Development Ethos	Institute of Development Studies	Participated	12 – 13 th December, 2008, IDS, Mysore	National
4.	Two Day National Workshop on Rooftop Rainwater Harvesting and Groundwater	Department of Studies in Geology	Participated	20 –21 st February, 2009, Department of Geology, Mysore	National

5.	Recharge 57 th National Town and Country Planners Congress	Institute of Town Planners, India	Participated	23 rd - 25 th January, 2009 NIO Auditorium, Dona Paula, Goa	National
6.	Prelude conference on 'Reforms in Governance: Six decades of Administrative Reforms'	Indian Institute of Public Administration, Mysore Local Branch & Institute of Development Studies, University of Mysore	Participated	24 th October, 2009 IDS, Mysore	National
7.	International seminar on 'Affordable Housing'	Builders Association of India, Mysore center & Confederation of Real Estate Developers Association of India	Participated	11-13 th December, 2009 Senate Bhavan, Manasagangotri, Mysore	International
8.	National Workshop on 'Social Audit'	ATI, ANSSIRD, Mysore	Participated	15-16 th January, 2010 ATI, Mysore	National
9.	Two days' workshop on 'Research Methodology'	Institute of Development Studies, University of Mysore & Department of Development Studies, Kannada University	Participated	12- 13 th March, 2010 IDS, Mysore	National
10.	South Zone Conference on Metropolitan Governance, Heritage Conservation, Natural Areas and Education	Institute of Town Planners, India, New Delhi & Institute of Development Studies, University of Mysore, Mysore	Participated	12th June 2010 BIMS Auditorium, Mysore	National
11.	Workshop on Planning for Heritage Towns/Cities (Under World Bank Assisted KMRP and	Government of Karnataka – Directorate of Town Planning & KUIDFC	Participated	31 st July, 2010 to 03rd August, 2010 BIMS Auditorium, Mysore	National

12.	UNSECO) One Day Seminar on “Alternatives to sand and recent trends in appropriate Technologies for Constructions”	Builders Association of India and Confederation of Real Estate Developers Association of India, Mysore Centre	Participated	30 th September, 2010 Senate Bhavan, Manasagangotri, Mysore	National
13.	International Seminar on ‘ Fast Track Construction’	Builders Association of India and Confederation of Real Estate Developers Association of India, Mysore Centre	Participated	11- 12 th December, 2010, Senate Bhavan, Manasagangotri, Mysore	International
14.	59 th National Town and Country Planners' Institute of Town Planners, India ‘Land as Resource for Urban Development’	Institute of Town Planners, India, New Delhi	Participated	February 10 - 12, 2011 Inderdhanush Auditorium, Sector-5, Panchkula, Haryana.	National
15.	STATECON 2011 First Karnataka State CREDAI Convention	Confederation of Real Estate Developers Association of India, Mysore Centre	Participated	23rd July, 2011 Senate Bhavan, Manasagangotri, Mysore	National
16.	National seminar on ‘Community Empowerment and Sustainable Development’	Vijaya First Grade College, Pandavapura, Mandya District and Institute of Development Studies, University of Mysore, Manasagangotri, Mysore	Participated	23- 24 Sept. 2011, Vijaya First Grade College Auditorium, Pandavapura, Mandya District	National
17.	60 th National Town and Country Planners Congress' Institute of Town Planners, India ‘Planning and	Institute of Town Planners, India, New Delhi	Participated	6-8 th January, 2012 Senate Bhavan, Manasagangotri, University of Mysore, Mysore.	National

	Development, 2015: Challenges and Reforms’.				
18.	Planning for Sustainable Management of Urban Water Bodies in Mysore	Zoo Authority of Karnataka, Mysore	Participated	23 rd and 24 th July, 2013 Sri. Chamarajendra Zoological Garden, Mysore	National
19.	XV Annual NOSPlan Convention, Safe Cities	National Organisation of Students of Planning, New Delhi and Institute of Development Studies, University of Mysore, Mysore	Organized	Dec 28 th -31 st , 2013, Crawford Hall, UOM & Senate Bhavan, Manasagangotri, University of Mysore, Mysore.	National
20.	The second regional workshop on ‘Revision of urban development plan formulation and implementation (UDPFI) guidelines’	The Town and Country Planning Organization (TCPO), Ministry of Urban Development, Government of India, and the Institute of Development Studies, University of Mysore, Mysore	Organized	17 th January, 2014 BIMS Auditorium, University of Mysore, Mysore	National
21.	International Conference on ‘Town and Country Planning Education: Retrospect and Prospect’	Institute of Development Studies, University of Mysore	Participated	21-23 November 2014 at Rani Bhahadur Auditorium, University of Mysore, Manasagangotri, Mysore	International
22.	International Seminar on ‘Industrialization in Construction’ in Mysore	Builders’ Association of India and CREDAI, Mysore	Participated	13th and 14th of December, 2014, Radisson Blu Hotel, Mysore	International
23.	International Seminar on ‘Smart Cities’ a builders perspective in Mysuru	Builders’ Association of India, Mysuru	Participated	23 rd and 24 th , September, 2015 Senate Bhavan, Mysuru	International

24.	International Seminar on COP21 IMPACT ON INDIA INC, Manufacturing , Service and Construction Sectors' Mysuru	Confederation of Indian Industry and Indian Green Building Council – Mysuru Chapter	Participated	13 th February, 2016 Hotel Regaalis, Mysuru	International
25.	Two days International Conference on 'Modern Housing Designs and Trends.	Builders' Association of India, Mysuru	Participated	26 th -27 th November, 2016 Radisson Blu Hotel, Mysore	International
26.	International Conference on 'Future of Cities: Opportunities and Challenges'	Institute of Town Planners, India, New Delhi, Asian Development Bank	Paper Presented	27-28 July, 2017 at Vigyan Bhavan, New Delhi, India	International
27.	National Workshop Popularisation of Remote Sensing Based Maps & Geospatial Information	Jointly organized by Indian Society of Remote Sensing (ISRS) and Indian Space Research Organization (ISRO), Dehradun, Uttaranchal	Web based Participated	On the eve of National Remote Sensing Day on August 11, 2017 IIRS Campus, Dehradun, Uttaranchal	National
28.	National Workshop on Multi-disciplinary Research	Jointly organized by Institute of Development Studies, BIMS, AIRA and Dept. of Public administration	Organized	6 th - 8 th October, 2017	National
29.	International Seminar on "3D Printing Robotics and Automation in Construction.	Builders' Association of India and CREDAI, Mysore	Participated	17 th -18 th November, 2017, Senate Bhavan, Manasagangotri, Mysuru	International
30.	One Day Orientation Roles and Responsibilities of the University and its SWAYAM Coordinators	University Grants Commission (UGC) and All India Council for Technical Education (AICTE) in Association with Ministry of Human Resource	Participated	2 nd February, 2018 All India Council For Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.	National

31.	Brainstorming Workshop on 'adoption of UGC-MOOCs SWAYAM courses'	Development, Government of India, Delhi University of Mysore, Mysuru	Organized	28 th April, 2018. Seminar Hall, Vijanana Bhavan, Manasagangotri, University of Mysore, Mysuru.	National
32.	Orientation workshop on SWAYAM Courses for Third Semester, Post-graduate Students	University of Mysore, Mysuru	Organized	25 th August, 2018. Senate Hall, Manasagangotri, University of Mysore, Mysuru.	National
33.	Two days Training Programme on 'Sustainability in Built Environment'	School of Planning and Architecture, University of Mysore, Mysuru in association with Center for Science and Environment, New Delhi.	Organized	8 th and 9 th May, 2019. Rani Bahadur Auditorium, BIMS, Manasagangotri, Mysuru	National
34.	Round Table Panel Discussion on 'Affordable Housing: Addressing thermal comfort, energy efficiency and environmental sustainability'	School of Planning and Architecture, University of Mysore, Mysuru in association with Center for Science and Environment, New Delhi, Institute of Urban Designers India Karnataka Chapter.	Organized	26 th , July, 2019 at The Chancery Hotel, Lavelle Road, Bengaluru	National
35.	Three days workshop on 'Outcome Based Higher Education'	Karnataka State Higher Education Academy, Dharwad	Participated	06 th to 08 th August, 2019 KSHEA, Golden Jubilee Building, Dharwad	National
36.	Online National Summit HOUSING FOR ALL – AFFORDABLE	ASSOCHAM (The Associated Chambers of Commerce and		26 th August, 2020	National

- AND RENTAL Industry of India),
HOUSING: THE New Delhi
WAY FORWARD
37. International Center for 29th October, International
Webinar on the Sustainable 2020
theme : Valuing Habitat, Guru
our communities Nanak Dev
and cities to University,
celebrate the Amritsar.
Word Cities Day
2020

37. I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and my experience.



[Signature]

Full name: **Dr. Hagarahalli Siddaiah Kumara**

Day / Month / Year

12th August, 2021