

BIO-DATA

Personal Information

- **Name:** Dr. Sonar Sanjaykumar Ghanashyam
- **Address:** Town Planning Section, Civil Engineering Department,
College of Engineering, Shivajinagar, Pune – 411 005.
- **Date of Birth:** 1st May, 1977
- **Contact Information:** M-09224699744, 020-25507223
- **Email-** sgs.civil@coep.ac.in, sanjaygsonar@yahoo.com

ACADEMIC AND TECHNICAL QUALIFICATION:

- Qualified Ph.D. in Urban Planning from Indian Institute of Technology Roorkee, Roorkee in March-2007 (Viva-Voce Examination held on 19/02/2007)
- Qualified M. E. in Town & Country Planning from Govt. College of Engineering, Pune in March, 2003
- Qualified B. E. in Civil Engineering from Govt. College of Engineering, Pune in August, 1999

THESIS / PROJECTS:

- **Ph.D. level:** Planning for Integrated Development of Information Technology City- Pune, India
- **M. E. level:** Impact of Information Technology on Planning
- **B. E. level:** Comparative Study and Design of Various Types of Chimneys

FELLOWSHIP / MEMBERSHIP OF PROFESSIONAL SOCIETIES/BODIES:

- Chartered Engineer, Institute of Engineers, India
- Institute of Town Planners, India, FITP/2022/0009
- Institute of Urban Transport (India), A M –782
- Regional Science Association, India, L M -355
- Institute of Engineers, India, A M-092896/0
- Indian Water Resources Society, L M- 2004-5961
- Indian Society for Wind Engineering, LM – 363
- Indian Building Congress, M-3257
- The Indian Society for Technical Education, LM – 90763
- Association of Socio-Economic Development Studies, LM

EXPERIENCE:

- Working as Associate Professor in Town Planning Section, Civil Engineering Department, College of Engineering, Pune since 03/06/2013.
- Worked as Assistant Professor in Town Planning Section, Civil Engineering Department, College of Engineering, Pune from 03/06/2010 to 02/06/2013. (3-0-0)
- Worked as Town Planner in Mumbai Metropolitan Region Development Authority (MMRDA), Mumbai from 28/07/2008 to 31/05/2010. (1-10-4)
- Worked as Assistant Director (Planning) in Delhi Development Authority (DDA), Delhi from August 31/08/2006 to 25/07/2008. (1-10-26)
- Worked as Site Engineer in Soham Construction, Vadgaon-Maval, Pune from July-1999 to June-2001. (2-0-0)

RECOGNIZED AS PHD GUIDE BY UNIVERSITY OF PUNE

(Ref. No. BOD/Sci. & Tech./04/123 dated 23/09/2020 with effect from 03/02/2020 to 02/02/2028)

LIST OF COURSES / WORKSHOP /FACULTY DEVELOPMENT PROGRAMME (FDP) / SHORT TERM TRAINING PROGRAMME (STTP) / CONFERENCES ATTENDED:

Sr. No.	Type	Duration	Title of Courses / FDP/ STTP/ Workshop /Conferences	Organized by
1	STTP (AICTE / COA)	12-16/07/2004 (One day)	Application of Traditional Architectural Knowledge in Contemporary Indian Architecture	Department of Architecture & Planning, Indian Institute of Technology, Roorkee
2	Workshop	25/07/2004 (One day)	Disposal of Bio-Medical Waste	Indian Institute of Technology, Roorkee
3	Workshop	26-30/07/2010 (One week)	Mission 10X	Conducted by Wipro at College of Engineering, Pune
4	Workshop	26-27/07/2010 (two days)	High Impact Teaching Skills	Conducted by Wipro at College of Engineering, Pune
5	FDP (MHRD / AICTE)	18-22/07/2011 (One week)	Multivariate Data Analysis for Management Research	Mechanical Engineering Department, National Institute of Technology, Calicut
6	Workshop	05/11/2011 (One day)	How to Convert Research into Patent?	College of Engineering, Pune & Govt. College of Engineering & Research, Avasari, Pune

Sr. No.	Type	Duration	Title of Courses / FDP/ STTP/ Workshop /Conferences	Organized by
7	Conference	28-29/02/2012 (Two days)	National Conference on Energy & Sustainable Development	College of Engineering, Pune & Abasaheb Marathe College, Ratnagiri
8	FDP	07/07/2012 (One day)	Leadership Skills and Excellence	College of Engineering, Pune
9	Course	10-17/12/2012 (One week)	Application of MATLAB and Simulink for Engineers	Department of Mechanical Engineering, College of Engineering, Pune
10	Conference	20-22/12/2012 (Three days)	International Conference on Global Issues & Trends in Health, Management & Technology	Organized by Modern Technology & Management Institute, USA
11	Workshop	17-18/05/2013 (Two days)	Engineering Education for the 21 st Century	College Of Engineering, Pune
12	Workshop (ISTE)	21-31/05/2013 (Two weeks)	Workshop on Database Management System	Indian Institute of Technology, Bombay
13	FDP (AICTE)	17-28/06/2013 (Two weeks)	Computer Security	Department of Computer Science & Technology, Walchand College of Engineering, Sangli
14	Workshop	27-28/07/2013 (Two days)	Interpretation of Valuation of Civil Engineering Projects & Machinery through Case Studies and Legal Rulings	Department of Civil Engineering, College Of Engineering, Pune
15	FDP	31/08/2013 (One day)	Goal Setting	Conducted by Cognizant at College of Engineering, Pune
16	STTP (TEQIP)	16-20/12/2013 (One week)	Research Methodology - Concepts and Tools	Government College of Engineering, Aurangabad
17	STTP (TEQIP)	23-27/12/2013 (One week)	Teaching Methodology	Government College of Engineering, Karad
18	FDP (TEQIP)	12-16/05/2014 (One week)	Effective English for Engineering Experts	College of Engineering, Pune
19	FDP (TEQIP)	23-28/06/2014 (One week)	Fundamentals of Counseling	College of Engineering, Pune
20	Conference	28-30/01/2016 (Three days)	International Conference on Urbanization and Regional Sustainability	Department of Geography, University of Culcutta

Sr. No.	Type	Duration	Title of Courses / FDP/ STTP/ Workshop /Conferences	Organized by
21	FDP	23-27/05/2016 (One week)	Latex for Effective Professional Writing	Department of Electrical Engineering, College of Engineering, Pune
22	Workshop	6-7/07/2017 (Two days)	Emerging Trends in Surveying Technology: DGPS, CORS, 3D Scanners and LIDAR Systems	Department of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal
23	Conference	27-28/07/2017 (Two day)	Future of Cities: Opportunities and Challenges	Institute of Town Planners, India, New Delhi
24	Workshop	16/01/2018 (One day)	Awareness - cum - Training Workshop on ECBC	Maharashtra Energy Development Agency, Pune
25	GIAN Course	4-9/06/2018 (One week)	Urban Analytics: Evaluating and Measuring Sustainability of Cities	NITI Aayog and Indian Institute of Technology, Roorkee
26	FDP	2-6 July, 2018 (One Week)	Outcome based Education Accreditation	College of Engineering, Pune
27	Workshop	13-16/11/2018	Technical Leadership Development Programme	AICTE-UKIERI, Delhi,
28	Workshop	20-23/02/2019	Technical Leadership Development Programme	AICTE-UKIERI, Banglore,
29	Workshop	11-13, June, 19	Technical Leadership Development Programme	AICTE-UKIERI, Shilong
30	Workshop	9-11, January, 20	Train the Trainers on Examination Reforms	KLE Technical University and NPIU at Habballi
31	Course	27 July – 1 August, 20	Digital Teaching Techniques	Online course conducted by ICT Academy
32	Webinar	27 November, 2020	Outcome Based Education and Accreditation	NBA, Delhi, DTE, Maharashtra State, and COE, Pune
33	FDP	14-18, November, 2020	Research Approaches in Architecture and Urban Planning	Town Planning Section, College of Engineering, Pune
34	Workshop	21-22, October, 2021	Awareness of Social Audits for Development Projects	Town Planning Section, College of Engineering, Pune
35	Training	17-19 June 2022	FEEL Teacher Phase I	College for Leadership & HRD and College of Engineering, Pune

THE FOLLOWING BOOK / PAPERS HAVE BEEN PUBLISHED / PRESENTED / ACCEPTED TILL DATE:

Book (1)

- Das, Dilip, **Sonar, S. G.**, and Wani Kalyani Kishor (2013), Planning for Balanced Regional Development, Published by Lambert Academic Publishing, pp 1-149, ISBN-13: 9783659486777

Book Chapter (2)

- **Sonar S. G.** and Nalawade R. V., (2020), “Performance Assessment of Green Rated Built Environment using Post Occupancy Evaluation” Published in Emerging Trends in Engineering Research and Technology, Volume - 7, by Book Publisher International, pp 101-111, Print ISBN: 978-93-90149-35-3, eBook ISBN: 978-93-90149-36-0, July, 2020.
- Das, Dilip, **Sonar, S. G.** (2019), Urbanization and Regional Sustainability in South Asia, Published by Springer International Publishing, pp 245-259, ISBNs 978-3-03-023795-0, 978-3-03-023796-7, November, 2019.

International Journal: (11)

1. Nikhat Shaikh and **Sonar S. G.**, (2021), “Rationalization of Regional Plan Preparation Process in Indian Context” Published in International Journal of Advance Research and Innovative Ideas in Education” (IJARIIE), Volume-7 Issue-5, pp: 956-973, ISSN(O) : 2395-4396, July, 2021.
2. Ali Sadique and **Sonar S. G.**, (2021), “Pandemic Resilience Planning” Published in International Journal of Advances in Engineering and Management (IJAEM), Volume - 3, Issue – 7, pp: 1428-1435, ISSN: 2395-5252, July, 2021.
3. **Sonar S. G.** and Gaikwad A. B., (2020), “Global Efforts towards Integrated Public Transportation Planning: A Brief Review” Published in International Journal of Engineering Research & Technology (IJERT), Volume - 9, Issue - 2, pp 7-11, ISSN: 2278-0181, November, 2020.
4. Dawle Varsha, and **Sonar S. G.** (2020), Identifying Technical Descriptors for Restructuring of Development Plan Process using Delphi Technique, Published in International Journal of Advanced Science and Technology, Volume-29, Issue-7, pp 8670-8682, ISSN: 2005-4238, June, 2020.
5. **Sonar S. G.** and Nalawade R. V., (2019), “Performance Assessment of Green Rated Built Environment using Post Occupancy Evaluation” Published in International Journal of Recent Technology and Engineering (IJRTE), Volume - 8, Issue - 4, pp 1449-1454, ISSN: 2277-3878, November, 2019.
6. **Sonar S. G.** and Nalawade R. V., (2019), “Assessment of Occupant’s Satisfaction from Green Rated Built Environment in Indian Context” Published in International Journal of Scientific Research and Reviews, Volume 8, Issue 1, pp 2487-2504, ISSN: 2279-0543, Jan. –March, 2019.
7. Nalwade R. V. and **Sonar, S. G.**, (2016), Comparative Review Criteria Utilization by LEED and GRIHA: Green Building Rating Systems for New Construction in India, Published in International Journal of Scientific and Research Publications, Volume 6, Issue 10, pp 116-119, ISSN 2250-3153, October, 2016.
8. Dawle Varsha, and **Sonar S. G.** (2016), Need for Paradigm Shift in Development Plan Process with Reference to Maharashtra State, International Journal of Research in Civil Engineering, Architecture & Design, Volume-IV, Issue-3, pp 100-108, ISSN 2347 8284, July-September, 2016

9. Das, Dilip, and **Sonar, S. G.**, (2013), Perspective Impacts of Information Technology Industry in Development of Pune City in India, Published in Journal for New Generation Sciences, Volume 11, Issue - 3, pp 1-17, ISSN 1684-4998, December, 2013.
10. Das, Dilip, **Sonar, S. G.**, and Wani Kalyani Kishor (2013), Assessment of Sectoral Planning Approach for Balanced Regional Development in India – A case of Pune District Region, Published Thematics Publications Private Limited, in Volume 1, Issue - 7, pp 59-67, ISSN 2320-6263, December, 2013.
11. Das, Dilip, and **Sonar, S. G.** (2012), Urban Health Care Dynamics in India-An Unsavoury Business Model, Published in Review of Business & Technology Research (RBTR), Volume 8, Issue - 1, pp 162-169, ISSN 1941-9414, December 2012

National Journal (Published) (11)

1. Dawle Varsha, and **Sonar S. G.** (2020), Ranking of Stakeholders Expectations from Development Plan Preparation and Implementation Process using Fuzzy Analytical Hierarchy Process, SAMRIDDHI, Volume-XII, Special Issue - 2, pp 75-81, ISSN: 2229-7111, November, 2020.
2. **Sonar, S. G.**, and Phadke R. S. (2019), GIFT City - A Unique Model of Urban Development, Published in Institute of Town Planners, India (ITPI) Journal, Volume - 16, Issue - 1, pp 90-100, ISSN 0537-9679, January-March, 2019.
3. Das, Dilip, **Sonar, S. G.**, and Sonawane D. H. (2015), A Critical Appraisal of the delineation of States in India based on Regional Planning Concept Published in Indian Journal of Regional Science, Volume XLVII, Issue - 2, pp 95-103, ISSN 0046--9017, July-December, 2015.
4. **Sonar, S. G.**, Das, Dilip, and Pawar Isha, (2015), Assessment of Tourism Potentials in Vidarbha Region, Published in Institute of Town Planners, India (ITPI) Journal, Volume - 12, Issue - 3, pp 79-92, ISSN 0537-9679, July-September, 2015.
5. **Sonar, S. G.**, Das, Dilip, and Pawar Isha, (2015) Assessment of Tourism Related Infrastructure in Vidarbha Region, Published in Spatio-Economic Development Record (SDR) Journal, Volume - 22, Issue - 3, pp 66-73, ISSN 0971-4944, May-June, 2015.
6. Das, Dilip, and **Sonar, S. G.**, (2014), An Assessment of Opportunities and Challenges for Integrated Regional Tourism Development in the State of Odisha, Published in Indian Journal of Regional Science, Volume - XLVI, Issue - 2, pp 19-30, ISSN 0046--9017, July-December, 2014.
7. **Sonar, S. G.**, Das, Dilip, and Pawar Isha, (2014), Some Relevant Issues to Explore Tourism Potentials for Development of Vidarbha Region, **Published** in Institute of Town Planners, India (ITPI) Journal, Volume - 11, Issue -2, pp 24-33, ISSN 0537-9679, April-June, 2014.
8. Patil Dipalee M, and **Sonar, S. G.**, (2012), Planning for Nashik Metropolitan Region, Published in Institute of Town Planners, India (ITPI) Journal, Volume – 9, Issue No. 3, pp 64-70, ISSN 0537-9679, July-August, 2012.

9. **Sonar, S. G.**, (2012), Planning in Information Technology Era, Published in Institute of Town Planners, India (ITPI) Journal, Volume – 9, Issue - 2, pp 26-33, ISSN 0537-9679, April-June, 2012.
10. **Sonar, S. G.**, and Devadas, V., (2008), Emergence of Information Technology Industry in Indian Cities, Published in Institute of Town Planners, India (ITPI) Journal, Volume - 5, Issue - 1, pp 66-72, ISSN 0537-9679, January-March, 2008.
11. Devadas, V., and **Sonar, S. G.**, (2006), Information Technology Revolution – A Planner’s Perspective, Published in Spatio-Economic Development Record, Volume – 13, Issue - 3, pp 35-39, ISSN 0971-4944, May-June 2006.

International Conference (Published) (8)

1. Wagh Harshada, and **Sonar, S. G.** (2021), Addressing Poverty through City Development Strategies, Published in Conference Proceedings of International Conference on Blurred Boundaries: In Search of an Identity organized by Brick School of Architecture, Pune on 24–26th September, 2021, pp-251-262, ISBN: 978-93-5473-568-4, September, 2021.
2. Das, Dilip, and **Sonar, S. G.** (2019), Cultural and Behavioral Perspectives for Development and Use of Urban Infrastructure for Smart Cities in India: A case of Integrated Transit System in Capital Region Urban Transport, Odisha, International Conference on Future Cities – 2019, Department of Architecture and Planning, Indian Institute of Technology, Roorkee, 11-13 December, 2019, pp 423-425, December, 2019.
3. Nalawade Rohan, and **Sonar, S. G.** (2017), Identification of Parameters Influencing Post Occupancy Evaluation (POE) of Green Rated Built Environment in India, Urbanization Challenges in Emerging Economies ASCE India Conference - 2017, IIT Delhi, 12-14 December, 2017, Presented and Abstract Published in the Book of Proceeding, 0078_0116_000119
4. Das, D. K., **Sonar, S. G.** and Emuze, F. (2016), Comprehending the Role of People in Urban Redevelopment in Indian Cities. In Ebohon, O. J., Ayeni, D. A, Egbu, C. O, and Omole, F. K. Procs of the Joint International Conference (JIC) on 21st Century Human Habitat: Issues, Sustainability and Development, 21-24 March 2016, Akure, Nigeria, pp 1677-1687.
5. Das, Dilip, and **Sonar, S. G.** (2016), Exploring Dimensions and Elements for Smart City Development in India, International Conference on Urbanisation and Regional Sustainability, University of Kolkata, Kolkata, Presented and abstract published in the Proceedings, 75, 28-30 January, 2016.
6. Das, Dilip, and **Sonar, S. G.** (2013), Housing Development Planning for Knowledge Based Industrial Cities by System Dynamic Modeling, 2nd International Conference on Infrastructure Development in Africa, University of Johannesburg, Johannesburg, South Africa, , Presented and Published in the Proceedings, pp 266-276, 17 – 19 March, 2013.
7. **Sonar, S. G.** (2008), Urban Sprawl – a System Dynamic Approach, *Accepted* for presentation in 44th ISOCARP Congress-2008, Dalian, China, pp 1-10, September-2008.

8. Devadas, V., Das, Dilip, and **Sonar, S. G.** (2005), Planning for Appropriate Infrastructure for sustainable Ecotourism Development in Protected Hilly Areas, International Conference on Ecotourism Planning and Management in Protected Areas, Mussoorie, Center for Mountain Tourism and Hospitality Studies, Garhwal University, Srinagar, Uttarakhand State, India, Presented and Published in the Proceedings, 28th February- 3rd March, 2005.

Natioanl Conference (Published) (16)

1. Tiwari Parul, and **Sonar, S. G.** (2022), "Identifying Parameters for Seamless Last Mile Connectivity of Nagpur Metro", 2nd National Online Conference on Planning, Design and Management organized by College of Engineering, Pune, pp 345-355, 6-7th May 2022, ISBN: 978-93-5583-037-1.
2. Gaikwad A. B., and **Sonar, S. G.** (2022), "Integrated Public Transportation Planning for Pune Metropolitan Region", 2nd National Online Conference on Planning, Design and Management organized by College of Engineering, Pune, pp 333-344, 6-7th May 2022, ISBN: 978-93-5583-037-1.
3. **Sonar, S. G.**, and Petkar A. S. (2022), " Analyzing Issues Pertaining to Cantonment Areas in Indian Context" 70th National Town & Country Planners Conference, Bhopal, Published in the proceeding, pp 382-390, April, 15th to 17th, 2022.
4. Chhabda J. K., and **Sonar, S. G.** (2021), " Defining Disparity in Regional Development and Identifying its Parameters", National Online Conference on Planning, Design and Management organized by College of Engineering, Pune, pp 244-258, 26-27th February 2021, ISBN: 978-93-90904-44-0.
5. Das, Dilip, and **Sonar, S. G.** (2019), " Valuing Culture along with the Laws and Acts for Development: A Case of the Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013", 67th National Town & Country Planners Congress, Chandigarh, Published in the proceeding, pp 183-189, January, 4th to 6th, 2019.
6. **Sonar, S. G.**, and Susan Deepthi P. (2018), " Reclamation of Wetlands and its Impacts on Urban Developments: a Case Study in Kerala", 66th National Town & Country Planners Congress, Hyderabad, Published in the proceeding, pp 163-167, February, 2nd to 4th, 2018.
7. Das, Dilip, and **Sonar, S. G.** (2017), "Anti Planning: Could it be Panacea for Implementation Challenges in Urban Areas of India!", 65th National Town & Country Planners Congress, Udaipur, Published in the proceeding, pp 163-167, January, 6th to 8th, 2017.
8. Dawle Varsha, and **Sonar S. G.** (2016), Need for Paradigm Shift in Development Plan Process with Reference to Maharashtra State, National Conference on Emerging Trends in Architecture, Technology & Allied Fields-2016, Pune, Published in Proceedings, Volume – I, pp 20-25, ISSN 2347-8284, 12th & 13th February, 2016.

9. Das, Dilip, and **Sonar, S. G.** (2016), Development of Peripheries of Cities in India: An Anti Planning Thought, 64th National Town & Country Planners Congress, Raipur, Published in the proceeding, pp 187-192, January, 8th to 10th, 2016.
10. Das, Dilip, and **Sonar, S. G.** (2015), Polito-Cultural Perspectives for Development of Smart Cities in India, 63rd National Town & Country Planners Congress, Chennai, Published in the proceeding, pp 277-283, January, 9th to 11th, 2015.
11. Das, Dilip, and **Sonar, S. G.** (2014), Reinventing the Indian Cities through a Culture of Stakeholders Participation in Urban Redevelopment and Regeneration Process, 62nd National Town & Country Planners Congress, Pune, Published in the proceeding, pp 219-228, January, 10 to 12th, 2014.
12. Das, Dilip, and **Sonar, S. G.** (2013), Development of Smart Cities in India - an Illusory Concept, 61st National Town & Country Planners Congress, Ahmadabad, Published in the proceeding, pp 425-430, February, 8 to 10, 2013.
13. Das, Dilip, and **Sonar, S. G.** (2012), A Participative Framework for Smart Growth and Sustainable Development of Cities In India, 60th National Town & Country Planners Congress, Mysore, Published in the proceeding, pp 154-164, January, 6 to 8, 2012.
14. **Sonar, S. G.**, Devadas, V., and Das, Dilip. (2005), Emerging Urban Pattern in the context of Information Technology Revolution, National Conference on Urban Transport Planning and Management, Central Institute of Road Transport, India, Pune, Published in the proceeding, October 20-22, 2005.
15. Das, Dilip, Devadas, V., and **Sonar, S. G.** (2005), Role of ICTs on Transportation Planning in Pune City, India, National Conference on Urban Transport Planning and Management, Central Institute of Road Transport, India, Pune, Published in the proceeding, October 20-22, 2005.
16. Das, D., Devadas, V. and **Sonar, S.G.**, Brar, Tejwant. (2005), Rethinking Sustainable Delhi Development, UGC Conference, New Delhi, October, 2005.

DETAILS OF TESTING / CONSULTANCY WORK (ONGOING & COMPLETED)

Sl. No.	Title	Amount in Rs.	Status
1	Group Consultancy (Prof. G. S. Vyas and Dr. S. G. Sonar) work of conducting Advance Surveying Practical for College of Engineering & Research, Awasari, Pune	1,50,000/-	Completed in November, 2012
2	Feasibility Analysis of 24 mt. wide Regional Plan Road for Ganga Estaria Project at Undri, Pune	1,25,000/-	Completed on 31/03/2016
3	Preparation of Cantonment Development Plan for Kirkee Cantonment	7,00,000/-	Final Report submitted on 27/03/2018

Sl. No.	Title	Amount in Rs.	Status
4	Testing / Verification of AutoCAD MAP 3D S/W and its Updates	8,000/-	Completed on 16/07/2016
5	Preparation of Cantonment Development Plan for Kamptee Cantonment	7,00,000/-	Final Report submitted on 24/07/2017
6	Measurement of Built-up Area	10,000/-	Completed on 19/12/2016
7	Technical Scrutiny Draft Building Byelaws – 2016 for Kamptee Cantonment	2,00,000/-	Completed on 22/12/2016
8	Measurement of Carpet Area and Height	25,000/-	Completed on 27/03/2017
9	Preparation of Comprehensive Cantonment Development Plan for Deolali Cantonment	7,00,000/-	Final Report submitted on 06/02/2019
10	Expression of Interest for selection of Consultancy Firm for IIIT Pune	NA	Published on 08/05/2017
11	Feasibility Analysis of HCMTR Proposed by PCMC	50,000/-	Completed on 24/07/2017

DETAILS OF Ph.D. SUPERVISION (COMPLETED AND ONGOING)

MIS No.	Name of the Student	Title of Thesis	Status
131201004	Gaikwad Avinash Baliram	Planning for Integrated Public Transportation System for Pune Metropolitan Region	Ph.D. Viva – Voce Open Defence conducted on 24/01/2022.
234110006	Phadke Rajesh S.	Formulating Feasibility Model for Large Scale Real Estate Development in Indian Context	Topic is approved and admitted with effect from 04/03/2016.
234110007	Nalawade Rohan Vijay	Performance Assessment of Green Rated Built Environment using Post Occupancy Evaluation	Ph.D. Viva – Voce Open Defence conducted on 10/05/2021.
234110011	Dawle Varsha Atul	Restructuring of Development Plan Preparation and Implementation Process based on Paradigm Shift in	Ph.D. Viva – Voce Open Defence conducted on

MIS No.	Name of the Student	Title of Thesis	Status
		Planning Approach	14/01/2022.
132101019	Bhagyashri P. Pardeshi	Nil	Admitted in February-22

**MASTER OF TECHNOLOGY / PLANNING (TOWN & COUNTRY PLANNING)
DISSERTATION GUIDED (41 STUDENTS COMPLETED)**

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
1	2010-11	120918002	Study of Nodal Development Concept and its application to Pune Metropolitan Region	Dilip G. Patil
2	2010-11	120918009	Planning for Forest Based Eco-sensitive Area of Chandrapur District	Priyanka W. Lohey
3	2010-11	120918013	Rationalization of FSI for Housing Area Redevelopment Schemes in Mumbai City	Navnath B. Nagargoje
4	2010-11	M0810T07	Water Resource Management in Pune Metropolitan Region	Nilesh P. Patil
5	2011-12	121018011	Upliftment of Vidarbha Region through Tourism Development	Isha R. Pawar
6	2011-12	121018014	Planning for Metropolitan Region - Case Study- Nashik Metropolitan Region	Dipalee M. Patil
7	2011-12	121018015	Proliferation of Slums and their Locational Perspectives: a case study of Pune City	Shivraj P. Pawar
8	2011-12	121018026	Government Policies and their Repercussions on Spatial Development -Case Study: Information Technology Industry, Pune Urban Agglomeration	Bhairavi H. Bhatia
9	2011-12	121018032	Hypermarket Trade Area Analysis using GIS	Ruturaj A.Jadhav
10	2012-13	121118003	Study of Changing Land Use Pattern along Dehuroad-Pune Corridor	Mangesh S. Deshpande
11	2012-13	121118014	Application of Integrated Sectoral Approach for	Kalyani K.

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
			Balanced Development of a Region	Wani
12	2012-13	121118025	Feasibility Analysis of Hosting Mega-Sport Event in Pune City	Deepthi Vijaykumar
13	2013-14	121218031	Viability Analysis of Delineation of States and their Critical Appraisal (Based on Regional Planning Concept)	Divyank H. Sonawane
14	2013-14	121218027	Impact of Coastal Regulation Zone Notification, 6 th January, 2011 on Coastal City-Greater Mumbai	Jayashreeran i B. Surve
15	2013-14	121218029	Critical Appraisal of Various PPP Models Adopted by MMRDA	Sneha G Pimprikar
16	2014-15	121318007	Reclamation of Wetlands and its Impacts on Sustainability of Urban Development: a Case Study in Kerala	Deepthi Susan
17	2014-15	121318025	Factors affecting Automobile Industry Location in Pune, Maharashtra	Asma Iqbal Shaikh
18	2014-15	121318021	Economic Development of Marathwada Region	Kavijeet Patil
19	2014-15	121318023	Study of Speculation and its Repercussions in Real Estate Market	Sourabh Patil
20	2014-15	121318026	Development issues of Cantonment Board-Study area Kirkee Cantonment Board	Vaibhav Shende
21	2015-16	121418021	Understanding Disparities in Development and approaches for its quantification	Jaspreet Kaur Chhabda
22	2015-16	121418022	Challenges and Opportunities before PMRDA	Pooja Suryakant N.
23	2015-16	121418025	Critical Appraisal for Green Building Rating System	Sharayu Suhas Adhav
24	2016-17	121518005	Comprehensive Cantonment Development Plan for Deolali Cantonment	Swapnil Bababrao

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
				Gaikwad
25	2016-17	121518022	Planning for Disaster Prone Areas: Bageshwar District	Neema Parihar
26	2016-17	121518030	Housing Price Analysis in Pune Municipal Corporation using GIS	Sneha V. Wekhande
27	2017-18	121618003	Analyzing the Feasibility of Merging and Demerging of Villages in Urban Local Body	Bhandalkar Bhagyashree
28	2017-18	121618004	Impact of Town Planning Scheme Intervention on Land Values	Bhave Kaustubh
29	2017-18	121618010	Analyzing the Effects of Housing for all Scheme" on Housing Market of Pimpri-Chinchwad Municipal Corporation	Kedare Manisha
30	2018-19	121718022	Analyzing Proposals of SMART Cities under Phase-I	Nanaware Niranjn E.
31	2018-19	121718028	Integrated Transportation Planning for Pune Metropolitan Region (PMR)	Tadavi Sameer J.
32	2018-19	121718029	Assessing the Impact of RERA and Demonetization on Real Estate Sector	Tapkeer Vaibhav L.
33	2019-20	121818003	Analysis of Urbanization and Urban Policy in Post Independent India	Akash Anand Atale
34	2019-20	121818006	Addressing Poverty through City Development Strategies	Harshada Pradip Wagh
35	2019-20	121818027	Analyzing Impact of Government Schemes on Implementation of Development Plan	Sonika Pradip Kakade
36	2020-21	121918001	Pandemic Resilience Planning	Sadique G. Ali
37	2020-21	121918019	Planning Intervention for Development for Hinjewadi and its Surrounding Area	Meghana Londe
38	2020-21	121918027	Addressing Regional Disparity through Planning	Nikhat

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
			Interventions	Shaikh
39	2021-22	122018026	Analyzing Transit Oriented Development along Proposed Pune Metro Corridor-III	Kartik P. Shinde
40	2021-22	122018027	Feasibility Analysis of Proposed New Towns along Samruddhi Mahamarg Corridor	Bhupesh S. Shirsath
41	2021-22	122018029	Achieving Seamless Transport Facility along the Metro Corridor of Nagpur City	Parul Tiwari

B. TECH. /PLANNING STUDENTS PROJECT SUPERVISION (22 STUDENTS COMPLETED)

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
1	2015-16	111214022	Economic Value of Environmental Amenity using Hedonic Price Method	Lele Rutuja Prashant
2	2015-16	111214029	Critical Analysis of Smart City Guidelines Proposed by the Government of India	Narode Akansha A.
3	2015-16	111214040	Study of Spatial Aspect in Evolving Planning Theories	Salunke Rohan R.
4	2016-17	111314043	Housing Price Analysis in Polycentric City	Sakhare Nihal D.
5	2016-17	111314044	Quantification of Transport Intervention Effects on Real Estate Prices	Oza Akshay Gopal
6	2016-17	111314066	Analysis of Market Forces Verses Planning Intervention	Bhopale Manasi Atul
7	2017-18	211110030	Application of Fuzzy Logic for Determining Metro Ridership	Kothawade Pranjali Rajendra
8	2017-18	211110038	Planning for Metro Station Influence Zone, Case Study of Mumbai	Agade Sayali Kishor
9	2017-18	211110056	Preparation of Village Development Plan, Case Study of Satral Village (Ahmednagar)	More Dipak Bhagwan

Sl. No.	Year	MIS No.	Title of Dissertation	Name of the Student
10	2017-18	211110061	Feasibility Analysis of Adoptive Traffic Signal Control System Proposed in Pune City under Smart City Mission	Baviskar Utkarsh Pradip
11	2018-19	111514054	Analyzing Development Issues along Influence Zone of Metro Corridor using System Dynamics	Sakshi Omprakash Darak
12	2018-19	111514018	Critical Analysis of Proposed Affordable Housing in the Revised Development Plan of MCGM	Aashi Ajitkumar Jain
13	2018-19	111514017	Formulating a Financing Mechanism for Smart City Proposal of PCMC	Rupali Ravindra Jadhav
14	2019-20	111614002	Analyzing Reliability of Public Transit in Pune City	Mandar C. Bhanuvanshe
15	2019-20	111614014	Planning Strategies for Development Along Proposed Ring Roads in Pune Metropolitan Region (PMR)	Sadhana D. Hirave
16	2019-20	111614041	Impact assessment of TOD Regulations along HCMTR - Pune City	Prachi P. Sapkal
17	2020-21	111714002	Improvisation of Proposed Metro Station Area and its Surrounding Precincts through Planning Interventions: Case of Pune City	Mohit Umashankar Agrawal
18	2020-21	111714059	Developing a Comprehensive Spatial Index to Measure Effects of Urban Heat Island for Pune City	Vaishnavi Uday Honap
19	2020-21	111714062	Spatiotemporal Urban Pollution Assessment in Metropolitan Cities using GIS and Remote Sensing	Ambadas Bandu Maske
20	2021-22	111814017	Analyzing Metropolitan Employment Generation Scenario in Pune Metropolitan Region	Harshal Ranjit Sudrik
21	2021-22	111814046	Determinants of Residential Neighborhood Choice in Pune City	Soham Rajesh Moharir
22	2021-22	111814054	Achieving the Sustainable Development Goals in Indian Cities with Urban Nexus Approach	Vaishnavi Dilip Jadhav

COURSES TAUGHT:

Class	Courses
B. Tech. (Civil)	▪ Surveying-I,

	<ul style="list-style-type: none"> ▪ Surveying I & II Practical
B. Tech. / Plan. (Planning)	<ul style="list-style-type: none"> ▪ Planning Theory-II ▪ Introduction to Economics ▪ Technical Report Writing
M. Tech. / Plan. (Town & Country Planning)	<ul style="list-style-type: none"> ▪ Economics of Land Development ▪ Theory of Urban Planning ▪ Technical & Professional Report Writing ▪ Planning Studios (Development Plan & Regional Plan) ▪ Infrastructure System Planning ▪ Socio-Economic Basis of Planning ▪ Environment & Land Use Planning

ADMINISTRATIVE EXPERIENCE

- 1) Working as Controller of Examinations at Institute Level from 16/04/2019 to till date
- 2) Worked as Post Graduate Coordinator for M. Tech. (T&CP) Programme from 06/09/2011 to 23/07/2015.
- 3) Worked as Town Planner in Mumbai Metropolitan Region Development Authority (MMRDA), Mumbai from 28/07/2008 to 31/05/2010. (1-10-4)
- 4) Worked as Assistant Director (Planning) in Delhi Development Authority (DDA), Delhi from August 31/08/2006 to 25/07/2008. (1-10-26)

ACHIEVEMENTS AND CONTRIBUTIONS TILL DATE

- 1) Awarded Assistance-ship of Ministry of Human Resource Development (MHRD), Government of India in 2004 for pursuing Ph.D. in IIT Roorkee
- 2) Qualified Maharashtra Engineering Services Examination -2004 conducted by Maharashtra Public Service Commission (MPSC).
- 3) Work done on Coordination of Zonal Plans with respect to Master Plan for Delhi-2021, issues related to Development Control Norms, Policy Formulation, Parliament Questions, Court Cases in the Planning Department of Delhi Development Authority (DDA), New Delhi in the capacity of Assistant Director (Planning) from 31/8/2006 to 25/7/2008.
- 4) Work done on Town Planning Projects like Rental Housing, Innovation Park, Mega City Project, Bus-Q-Shelters, Landscaping, etc. in the Mumbai Metropolitan Region Development Authority (MMRDA), Mumbai in the capacity of Town Planner from 28/7/2008 to 31/5/2010.
- 5) Worked as P. G. Coordinator for M. Tech. (T&CP) Programme for four years consecutively from August, 2011 to August, 2015.

- 6) Invited for evaluation process of Research Projects submitted to BCUD, University of Pune in 2012.
- 7) Invited as a Subject Expert for the Inaugural Ceremony of Regional Research Conference- INNOVATION' 2013 held at Rajarshi Shahu College of Engineering, Pune.
- 8) Invited as a Resource Person in the Training to the Engineers of Cantonment Boards in Southern Command as Regional Training Centre, Dehuroad in February, 2013.
- 9) Invited as an External Examiner for Civil Engineering Courses by Bhartiya Kala Prasarani Sabha's College of Architecture, Pune from 2013 to 2016.
- 10) Invited for Round Table Discussion in November, 2014 at College of Engineering, Pune on Development Planning in Pune: Legal Provisions and Planning Practice conducted by CEE, CEPT and COEP.
- 11) Invited as a Judge for competition organized by Rajarshi Shahu College of Engineering, Pune on "Design Your Dream Town-2014".
- 12) Invited as a GIS Expert on a Committee by Pimpri-Chinchwad Municipal Corporation for implementation of GIS Project for Pimpri-Chinchwad Municipal Corporation in May, 2014.
- 13) Appointed as Rapporteur for the 62nd National Town & Country Planning Congress of Institute of Town Planners, India in 2014.
- 14) Invited for Pune City Vision Workshop on February, 2014 by Ernst & Young, Private Limited.
- 15) Prepared manuals for Planning Studio-II and Planning Studio -III of M. Tech.(T&CP) Programme for preparation of Development Plan and Regional Plan respectively in 2014.
- 16) Nominated as Town Planning Expert on a Committee constituted for Tree Census by Pune Municipal Corporation in 2014, as per the directives of Hon'ble High Court of India.
- 17) Invited as a Subject Expert for the revision of Syllabus of B. Tech.(Civil) Programme in 2015 by College of Engineering, Pune of Bharati Vidyapeeth Deemed University.
- 18) Successfully completed the process of National Board of Accreditation in 2015 for M. Tech.(T&CP) Programme for Five Years in the capacity of Programme Coordinator.
- 19) Acted as Jury Member for Pune Real Estate Award 2015 held on 16/01/2015 and organized by M/s. Silicon India.
- 20) Invited to the Editorial Board of International Journal of Rural & Regional Planning and Town Planning & Management in 2015.
- 21) Nominated a Peer Reviewer for Indian Journal of Science & Technology in 2015.

- 22) Appointed as a Member of the Committee to consider the suggestions and objections received in respects of the Draft Development Plan of Nashik (August, 2015) by Town Planning & Valuation Department, Government of Maharashtra.
- 23) Invited as a Member of Panel of Judges for Annual Technical Paper Meet-2015 organized by Institute of Engineers, India Pune Centre.
- 24) Invited as Resource Person by YASHADA, an Autonomous Institute of Government of Maharashtra for imparting training to the employees of MHADA for courses related to Town Planning (2015-2016).
- 25) Invited as Resource Person by YASHADA, an Autonomous Institute of Government of Maharashtra for imparting training to the Officers of Directorate of Economics & Statistics (DES), Government of Maharashtra in November, 2016.
- 26) Nominated as Town Planning Experts on All India Board of Town and Country Planning of All India Council for Technical Education (AICTE) with effect from 11/05/2016.
- 27) Invited as Resource Person by Chairperson, Advisory Committee, Unnat Maharashtra Abhiyan (UMA) to delivery talk on "Planning Perspective" during meeting held on 28/12/2016 at VJTI, Mumbai.
- 28) Invited as Panel Member for National Conference on "Design with the Environment" for Session IV on "Quality of Life" on 1st February, 2017.
- 29) Conducted Question Papers Assessment of Civil Engineering courses from Government College of Engineering, Amravati in March, 2017.
- 30) Nominated as External Examiner by Bharati Vidyapeeth, Deemed University, Pune for Civil Engineering Course in February, 2017.
- 31) Students guided won "Wipro Earthian -2017 College Programme.
- 32) Nominated as a member of the Unnat Bharat Abhiyan (UBA) Subject Expert Group (SEG) titled "Capacity Building and Change of Ethos in Technical Institutes" by CTARA, IIT Bombay,
- 33) Involved as collaborator in the Research Project titled as "Integration of Information Communication Technologies for Sustainable Cities in South Africa funded by National research Foundation South Africa.
- 34) Selected under AICTE-UKIERI Technical Leadership Development Programme for the AY-2018-19 by AICTE.
- 35) Prepared Cantonment Development Plans for Khadaki Cantonment, Kamptee Cantonment and Deolali Cantonment in the capacity of Project Coordinator.
- 36) Representing College of Engineering, Pune on Mula-Mutha River Conservation and Development Project undertaken by Pune Municipal Corporation under 100 Resilient Cities Project Pioneered by the Rockefeller Foundation.

- 37) Nominated as Member of Examination Board by Pimpri-Chinchwad College of Engineering, Pune and Vishwakarma Institute of Technology, Pune.
- 38) Invited as a part of the National and Technical Committee of International Conference on Future Cities - 2019 organized by Department of Architecture and Planning, Indian Institute of Technology Roorkee during December 11 to 13, 2019.
- 39) Nominated as External / Outside Expert on Project Review Committee for the Centre of Excellence Project at Software Technology Park of India (STPI), Pune.
- 40) Invited on Reviewer Panel for IEEE International Conference on Computing, Communication and Green Engineering-2021 (CCGE21) organized by JSPM's Rajarshi Shahu College of Engineering (RSCOE), Tathawade, Pune during July 8-10, 2021.

Dr. S. G. Sonar
Associate Professor
College of Engineering, Pune