

Curriculum Vitae



Meera Pankaj Shirolkar

(B. Arch, M. E. T & Cp, Ph.D)

Personal Details

Date of Birth :- 1st April 1975
Nationality :- Indian
Address : 203, Ajita Building, Amrutkalash society, 9th lane Shahu colony Karvenagar , Pune 411052.
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Academic Qualification

Degree UG/PG/Any Other	Year	University	% of Marks
B Arch	1998	Shivaji University	67
M E [T & Cp]	2001	Pune University (Now Savitribai Phule Pune University)	62
Ph.D	2019	Savitribai Phule Pune University	-

Ph. D Title: *Fire Safety of Healthcare Facilities in Urban Areas with reference to Evacuation Process.*(2019)

ME (T & CP): *A Critical Appraisal of Ichalkaranji Town With respect to Socio-economic and Industrial Development.*(2001)

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B.Arch : *Center for the Blind*.(1998)

Recognized PG and Ph.D. Guide Recognition under Savitribai Phule Pune University

Ph.D. Supervision: Ongoing – 06

Post Graduate: 06

Under Graduate: 36

Financial Grant: Received for Two years Research Project (2012-14) by Savitribai Phule Pune University -under BCUD Research Project.

Titled : “*Environmentally Sustainable traffic and transportation system in Pune...*” for the year 2011-13 ,amount sanctioned 1,85,000/- INR

LIST OF PUBLICATIONS

Sr No	Journal Name	ISSN Number	Publisher	Place of Publication	Submitted paper title	Current status
1	SPANDREL Journal of School of Planning And Architecture	ISSN 2231- 4601 SPAND REL	SPA PRESS, BHOPAL	Bhopal	Fire Breakouts: Continuum Of Vulnerability In Indian Urban Slums	PUBLISHED IN ISSUE 10,2015
2.	IOSR Journal of Applied Chemistry (IOSR-JAC)	e-ISSN: 2278- 5736	International Organization Of Scientific Research (IOSR)	JOSR	Occupational Risk in Construction Sites with Reference to Chemical Hazards	APRIL, 2016
3.	Disaster Advances	0974- 262X	Disaster Advances	Disaster Advances	Analysis of Fire hazard in healthcare buildings through Media Elicitation	July 2020 Vol. 13 (7) Pg 53-57
4.	Sanchar Educational and Research Foundation- SHODH SARITA	2348- 2397	Sanchar Educational & Research Foundation,	Lucknow (U.P.) INDIA	Fire Hazards in Healthcare Buildings: Investigating Role Of Health-Care Providers	Jan-March 2021 Vol 8(29) Pg 182-186

PAPER PRESENTATIONS IN CONFERENCES

Sr No	Title	State/ National/ International	Year	Conference Details
1	Building Codes and their Implementation in Architectural development with reference to Seismic Safety: A Critical	State	2006	Organised by the Civil Engineering Division of Pune Local Centre,The Institutions Of Engineers (India) on 14-15 October 2006.

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	Review ,in the seminar on 'Implementation of National Building Code Of India – 2005'			
2	POSTER PRESENTATION Titled 'Culinary Architecture' organized by UNIVERSITY OF PUNE IN THE CONFERENCE	state	2007	Innovation 2007 –First conference for Pune university teachers Board of College and University Department
3	Compact Cities For Green Habitat' in The Institute of Engineers (India) Pune local center on the topic 'Emerging trends in green buildings'.	state	2008	Organised by the Civil Engineering Division of Pune Local Centre,The Institutions Of Engineers (India) on 1st and 2nd March 2008.
4	Aesthetics Design strategies in Modern high rise structures the seminar on Recent trends in high rise structures	State	2008	Organised by the Civil Engineering Division of Pune Local Centre,The Institutions Of Engineers –Pune (India) on 14th -15th Nov 2008.
5	Title 'Innovative solutions for saving energy in the residential sector: case study Pune Maharashtra' and sub theme: Alternative Building Design, Materials and Construction for Climate Change.	International	2009	Bangkok INTA SEGA 2009 conference - bridging innovation, technology and tradition 2-4th Dec 2009.
6	'Inculcating Indian Cultural Values in New Generation'	International	2010	International conference on 'Learning in Cities' organized by Rachana Sansad, Prabhadevi Mumbai on 18th and 19th Jan 2010.
7	Safety of Vertical Transportation System for Future High-rise Housing	National	2010	National Research Conference on "Disaster Mitigation In Housing In India: An Agenda For Future" (Hdmfa 2010) on March 18th , 19th and 20th , 2010 Organized by IIT Roorkee
8	"Compact City Phenomenon for a futuristic Urban Growth"	International	2010	2nd International Conference on Environmental Management (ICEM 2010) Focal Theme : "Climate Change: Vulnerability and Adaptation" on 25th Oct to 28th Oct 2010.,JNTU Hyderabad.
9	An article titled ; 'Teachers: The personalities in the Architectural education.'	National	2011	Publication bi-annual "Journal of Architecture",2011 December issue by Chandigarh College of Architecture.
10	Sustainable infrastructure with referenceto healthcare facilities : case study of pune city.	National	2012	Research material for publication in the journal of architecture for June 2012 edition focusing on sustainability (ISSN 2249 –9326).
11	Modelling Evacuation Behaviour of A Health Care Unit Building	International	2018	ICID 2018- International Conference On Infrastructure Development

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	on Fire Occurrence with Matlab Program.			21-22 December 2018, Jorhat, Assam, India
12	The Psychological Response of Healthcare Environments on Occurrence of Fire Hazard	National	2020	National conference of “ Emerging Trends and Innovations in Sciences ” organised by Department of Chemistry, Institute of Excellence in Higher Education (IEHE). In support with M.P. Council of Science and Technology Vigyan Bhavan, Nehru Nagar; co-organized by Scan Research Laboratory and Research Innovation Foundation, Bhopal on 28 th Jan 2020 at MPCST, Vigyan Bhavan, Bhopal, India.
13	Net-Zero Energy Building Approach: A Solution To The Paradox Of Energy Efficiency In Indian Housing Sector	National	2020	National conference of “ Emerging Trends and Innovations in Sciences ” organised by Department of Chemistry, Institute of Excellence in Higher Education (IEHE). In support with M.P. Council of Science and Technology Vigyan Bhavan, Nehru Nagar; co-organized by Scan Research Laboratory and Research Innovation Foundation, Bhopal on 28 th Jan 2020 at MPCST, Vigyan Bhavan, Bhopal, India.
14	Street Lighting and Perceived Personal Safety in Urban Mixed-Use Environments	National	2022	National Conference on ‘Built Environment and Beyond: Theory and Practice’ organized by MKSSS Dr Bhanuben Nanavati College of Architecture for Women, Pune on 18 th - 19 th Oct 2022

QIP/SEMINARS AND WORKSHOPS

1. Convener and Resource faculty of Short term course on Research Methodology from 3rd Dec 2022 – 18th Feb 2023 for all Saturdays in Online mode organized by PhD Research center , MKSSS Dr Bhanuben Nanavati College of Architecture for Women
2. **Workshop Jt. Coordinator and Resource faculty** in the Annual Workshop on Earthquake resistant Practices for students of Architecture held in June 18-25, 2022 organized by National Information center of Earthquake Engineering [NICEE] IIT Kanpur.
3. **Resource Faculty** in the Annual Workshop on Earthquake resistant Practices for students of Architecture held since 2009 till date organized by National Information center of Earthquake Engineering [NICEE] IIT Kanpur.
4. **Online orientation Training Program for Mentors** organized from 5th-9th July 2021 under national initiative for Technical Teachers training, AICTE, New Delhi

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5. Participated in webinar on **The Role of Teachers in Implementation of National Education Policy NEP – 2021** organized by Bharatiya Shikshan Mandal And NITI Aayog In Collaboration with Maharshi Karve Stree Shikshan Samstha held on 12th May 2021
6. Participated in webinar on Principals and IQAC Coordinators meet, organized by Mastersoft ERP solutions Pvt Ltd Nagpur on 28th & 29th May 2021.
7. Participated in the webinar on **Fire Safety in Buildings: Role of an Architect** organised by Smt. Manoramabai Mundle College of Architecture on 15 June 2020.
8. Attended a two day Research workshop on “Research Methodology and Quantitative techniques” organized by Sinhgad Institute of Management and Computer Application (SIMCA), Narhe, Pune held on 15th-16th Dec 2016.
9. Participated in a two-day National Seminar on **QUALITY ASSURANCE IN ARCHITECTURAL DOCTORAL RESEARCH** Organised by Dr. Bhanuben Nanavati College of Architecture for Women and sponsored by Savitribai Phule Pune University On 19th and 20th Feb 2016.
10. Attended a three day Workshop on “**Research Methodology**”, organized by Dr B N College of Architecture , conducted by Dr Abhijit Natu from 19th Oct to 21st Oct 2015.
11. A five day workshop on " **Ph.D Research Thesis Writing** “ Organised by Dr. Bhanuben Nanavati College of Architecture for Women PhD Research Center.From 30th Nov to 4th Dec 2015.
12. A workshop on topic" **Integrating Technical Subject in Architectural Design Education** held on 15.12.2015.,organised by Dr Bhanuben Nanavati College of Architecture , Pune.
13. A four day seminar on :National Symposium on Doctoral Studies in Architecture” , organized by Dr B N College of Architecture from 21st Dec to 24th Dec 2013
14. Paper and Abstract Administrator in the International Conference Healthy cities: Perspective of Asian Concerns, FEBRUARY 2011, PUNE, INDIA organized by Dr B N College of Architecture.
15. Resource faculty in the short course on Earthquake Resistent Design and Construction under NPCBAERM- Govt. of Maharashtra. On 4th – 5th feb 2010 at Mahatama Education Society’s Pillai’s College of Architecture, Panvel Navi Mumbai.
16. Attended STTP at NIASA for the topic “Architectural Research and Documentation” ,From 10th Nov to 14th Nov ,2008
17. Attended QIP at NIASA for the topic ‘Legislation and Architectural Profession’, from 25th to 27th August 2008.
18. Co-Convener and participated in conducting the 5 day short term training programme on the topic Earthquake Resistent Building Design And Construction With a joint effort of Ministry of Home affairs and Council of Architecture from 30th August to 3rd September 2008 .

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19. Speaker in the Teachers training workshop on “Earthquake Resistant Design Strategies” held at Dr BNCA ,Aug 05th -10th Aug 2009.- With a joint effort of Ministry of Home affairs and Council of Architecture
20. Guided the students of First Year for the topic ‘Significance of Rat Trap Bond in Earthquake Resistant Construction’ in Avishkar Competition held by University of Pune on 14th and 15th Oct 2009.

Awards/Prizes if any :-

Topper in First Batch of College of Architecture Solapur.Awarded with the merit Certificate by Builders Association of Solapur

Research Interests:

- Fire Safety in Public buildings.
- Sustainable Traffic & Transportation in Pune
- Earthquake Resistant Architecture.
- Retrofitting of Seismic structures.
- Compact cities.
- Solar passive Architecture,

Teaching Experience: 18 yrs

- TEACHING ASSISTANT in S S Ms COA Solapur for Academic year 1999-2000
- Professor in MKSSS Dr Bhanuben Nanavati College of Architecture, Karvenagar Pune, from Dec 2005 till date

Administrative Responsibilities Handled:

- NAAC Coordinator
- Ph.D. Research Center coordinator
- Head of the Department, B Arch General (2013-16)
- National Aptitude Test for Architecture (NATA) -In charge from (2007 -2014)
- B T Cell Co-ordinator.
- Architectural Drawing and Graphics Subject Mentor.

Meera Pankaj Shirolkar

COA Registration No: CA/98/23571

Pan No: AAFPO3288D
