

# Alpana Rajendra Dongre

## *Curriculum Vitae*

Visvesvaraya National Institute of Technology  
Department of Architecture and Planning  
South Ambazari Road  
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Maharashtra, India

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DOB: April 4, 1969

## Current Position

*Professor*, Department of Architecture and Planning  
Visvesvaraya National Institute of Technology, Nagpur.

## Education

2009 **Ph.D.** in Architecture, Visvesvaraya National Institute of Technology  
2000 **M.Arch (By Research)**. Visvesvaraya National Institute of Technology  
1992 **B.Arch.** Visvesvaraya regional College of Engineering, Nagpur

## Languages Known

Marathi Mother tongue  
**English Fluent**  
Hindi National language

## Academic Experience

1995 -2000	Lecturer, Smt. Manoramabai Mundle Department of Architecture, L. A. D. College, Nagpur
2000 -2009	Assistant Professor, at Smt. Manoramabai Mundle Department of Architecture, L. A. D. College, Nagpur
2009 - ...	Professor, Department of Architecture and Planning, Visvesvaraya National Institute of Technology, Nagpur
2011 -2013	Head, Department of Architecture and Planning, Visvesvaraya National Institute of Technology, Nagpur
2011-2012	Chairman, Board of Studies in Faculty of Engineering and Technology, RTM Nagpur University, Nagpur
2011-2012	Ex-Officio Member of the Academic Council, RTM Nagpur University, Nagpur
2011-2012	Ex-Officio Member of Board of College and University Development, Nagpur

## Professional Experience

1993 -2004	Architect , A.B. Dongre Architects, Nagpur
2004 -2009	Partner, A.B. Dongre Architects, Nagpur
2009 - ...	Architectural Consultancy, Visvesvaraya National Institute of Technology, Nagpur
2002 -2005	Member of Heritage Conservation Committee, Nagpur Municipal Corporation, constituted in accordance with the regulation for conservation of heritage buildings/ precincts.

## Professional Affiliation

Registered with the Council of Architecture, New Delhi . Regd. No. CA/93/16286  
 Member of IIA, Mumbai Membership No. A10006  
 Member ISHRAE Nagpur Chapter Membership No. NG/00/AM/0165  
 Life Member of Vidarbha Heritage Society, Nagpur  
 Life member of University Women's Association, Nagpur

## Scholarships and Awards

N.T.S.E. Scholarship	Scholarship of National Talent Search Unit of NCERT (Std. XI to Final B.Arch)
V. R. C. E. Merit Scholarship	Scholarship of Visvesvaraya Regional College of Engineering, Nagpur. (First to Final Year B. Arch)
Teacher Award 2012	A3 Foundation Art, Aesthetics and Architecture, Chandigarh.

## Publications

### *Journal*

2014	Pathak, P. M., Dongre, A. R., and Shiwalkar, J. (2014a). <b>Impact of Spatial, Thermal and Lighting Parameters on the Efficiency and Comfort of Users in Indian Workspaces.</b> <i>Journal of Sustainable Development - Canadian Center of Science and Education</i> , 7(4). accepted for publication
2014	Pathak, P. M., Dongre, A. R., and Shiwalkar, J. (2014b). <b>Lighting Design as a Function of Comfort and Performance for Occupants in Indian Workspaces.</b> <i>Journal of Architectural and Planning Research</i> . accepted for publication
2014	Patil, A. P. and Dongre, A. R. (2014b). <b>Understanding encroachments in the urban environment.</b> <i>Urban Des Int</i> , 19(1):50–65

- 2014 Patil, A. P. and Dongre, A. R. (2014a). **Emergent Properties of the Public Realm and Encroachments in the Urban Environment.** *Nexus Network Journal*, pages 1–29
- 2013 Pathak, P. M. and Dongre, A. R. (2013). **Impact of Workspace Design in Indian Context on Occupant’s Behavior, to Enhance Efficiency and Comfort.** *Journal of Civil Engineering and Architecture, David Publishing House, Chicago, USA*, 7(3):310–322
- 2013 Wahurwagh, A. and Dongre, A. R. (2013). **An Interpretation of Burhanpur Cultural Landscape.** *Spandrel*, 7:59–67
- 2011 Dongre, A. R. (2011). **Climate responsive approach to architecture design.** *Journal of Design Research*, 9(4):321–338
- 2007 Dongre, A. R., Deshpande, S. A., and Ingle, R. K. (2007c). **Symbiotic form - Structure and Aesthetics as determinants of Form.** *Journal of Indian Institute of Architects*, 72(6)
- 2007 Dongre, A. R., Deshpande, S. A., and Ingle, R. K. (2007b). **Lasting images - Built Forms of Enduring Value.** *Architecture – Time Space and People - Council of Architecture, India*, 7(3)
- 2007 Dongre, A. R., Deshpande, S., and Ingle, R. (2007a). **Emerging Architectonic Forms and Designed Forms.** *International Journal of Architectural Research*
- 2000 Dongre, A. R. (2000). **Heritage a Testimony of Bygone Era.** *Journal of Indian Institute of Architects*, 65(7)

### **Conference, Seminar, Workshops**

- 2014 Pathak, P. M. Dongre, A. R. (2014). **Occupant’s Perception about Indoor Air and thermal Parameter in Indian Workspaces.** In *Proceedings of All India Seminar on ‘Innovations in Green Building Technology’*. Institution of Engineers (India), Nagpur Chapter
- 2013 Dongre, A. R. and Wahurwagh, A. (2013b). **The Acoustics of Sixteenth-Century Mughal Heritage Structures of Burhanpur, India. Architectural Knowledge Systems Approach.** In *International Conference ‘Acoustics 2013’*, New Delhi. Acoustical Society of India (ASI) and French Acoustical Society (FSA)
- 2013 Dongre, A. R. and Wahurwagh, A. (2013a). **The Acoustics of Sixteenth-Century Mughal Heritage Structures of Burhanpur, India - Architectural Knowledge Systems Approach.** In *Acoustics 2013*

- 2013 Wahurwagh, A. and Dongre, A. R. (2012). **The Interpretation of Bharatpur Cultural Landscape, India: Architectural Knowledge Systems.** In *Sustainable Cities in Arid Region: Planning Design and Management, organized by Dept of Architecture and Planning, MNIT, Jaipur*, pages 101–107. Dept of Architecture and Planning, MNIT, Jaipur
- 2012 Pathak, P. M. and Dongre, A. R. (2012a). **Impact of workspace design in Indian Context on Occupants behaviour to enhance efficiency and comfort.** Environmental Design Research Association. EDRA: 43rd International Conference ‘EDRA 43 SEATTLE’
- 2012 Pathak, P. M. and Dongre, A. R. (2012b). **Workspace design in Indian context on occupants’ behavior to enhance efficiency and comfort”.** In *Young Researchers Workshop*, University of Strathclyde, Glasgow 2012. 22nd International Association for People-Environment Studies Conference (IAPS)
- 2011 Patil, A. P. and Dongre, A. R. (2011b). **Complexity of Built Environment in Public Realm.** Vienna. ECCS’11 - European Conference on Complex Systems 2011
- 2011 Pathak, P. M. and Dongre, A. R. (2011). **Built Environment for Improving Quality of Life, an Approach to Healthy City.** In *International Conference on Healthy Cities*, Pune. BNCA
- 2010 Wahurwagh, A. and Dongre, A. R. (2010). **Cultural Landscape Conservation - An Inspiring Quality for Contemporary Architecture.** In *International Conference on Urbanism and Green Architecture 2010*, Himachal Pradesh. NIT, Hamirpur
- 2007 Dongre, A. R. (2007). **Process established – Through Students’ Work.** In *Design Process – Sharing Experiences*, organised jointly by L.A.D. College for Women and IIA, Nagpur Center. one day design workshop,
- 2006 Dongre, A. R. and Deshpande, S. (2006). **Tall buildings – Structure and Aesthetics.** In *Proceedings of the National Conference on High-Rise Buildings: Materials and Practices*, New Delhi, India. Indian Society for Construction Materials and Structures
- 2006 Dongre, A. R. (2006). **Symbiotic Learning.** First Annual Convention of MASA (Maharashtra Association of Schools of Architecture), Pune
- 2006 Dongre, A. R., Deshpande, S. A., and Ingle, R. K. (2006). **Architectural Expression of Earthquake Resistant Structures.** In *National Seminar-“Designing for Safety”*, Nagpur. Indian Institute of Architects , Nagpur

- 2004 Dongre, A. R. (2004). **Navigation through History of Architecture - A Teaching Method**. In *proceedings of National Seminar on – Architecture and Planning Education and Profession – The Changing Dimensions and Future Directions in 21st Century*. Department of Architecture Town and Regional Planning, Bengal Engineering College, Howrah
- 2003 Dongre, A. R. and Deshpande, S. A. (2003). **Inherited Heritage or Heritage Inheritance**. In *XX National Convention, . Jaipur*
- 2002 Dongre, A. R. (2002). **Land and Building Use Economics**. In *Seminar proceedings of National Seminar- Workshop, on Heritage Conservation and Cultural Continuity*. MES School of Architecture, Kuttipuram, Thrissur, Kerala
- 1998 Dongre, A. R. and Dongre, R. A. (1998). **Architectural Education – Preparing for the Future**. In *Status and Future of Architectural Education in India*. Joint Meet of COA, AICTE and IIA Nagpur Center

### ***Poster Presentations***

- 2011 Patil, A. P. and Dongre, A. R. (2011a). **Can Complexity Science explain role of physical environment in the emerging form of encroachments in an urban environment?** Poster presentation at ECCS'11 - European Conference on Complex Systems 2011, Vienna
- 2011 Patil, A. P. and Dongre, A. R. (2011c). **Insight to Urban Complexity**. poster presentation in Eighth International Conference on Complex Systems, Quincy, MA, USA

## **Ongoing Research Activities**

### ***Ph.D. supervision***

- 2010 ongoing Cultural Landscape Conservation - an inspiring quality for Contemporary Architecture
- 2010 submitted Impact of built environment as enclosed spaces on human behaviour, focus on enhancing the efficiency and comfort of the user
- 2010 submitted Urban Design and Complexity Science
- 2013 ongoing Daylighting and Multi Storied Residential Development in hot and dry climate
- 2011 ongoing Sustainable Tribal Habitat using Forest Resources in Central India

2011 ongoing      Contextual Analysis of Build Environment Derivation of Logical Framework for Contextual Design Approach in Indian Scenario

### ***Research Project***

2014 - 2016      Acoustic Enhancement of a typical lecture hall through Architectural intervention and signal processing in hot and dry climate - Under Center of Excellence of Combedded Systems, VNIT, Nagpur, India

### **Resource Person at Seminars and Workshops**

Jun. 30- Jul. 05, 2014      Workshop for Earthquake Resistant Practices for Undergraduate Students of Architecture - organised by National Information Centre of Earthquake Engineering at IIT Kanpur

Nov. 15-16, 2013      Training program on "Green Building Design: Concepts & Applications" at Civil Engineering Department, VNIT, Nagpur

Jul. 07-12, 2013      Workshop for Earthquake Resistant Practices for Undergraduate Students of Architecture - organised by National Information Centre of Earthquake Engineering at IIT Kanpur

Jul. 02-07, 2012      Workshop for Earthquake Resistant Practices for Undergraduate Students of Architecture - organised by National Information Centre of Earthquake Engineering at IIT Kanpur

Dec. 16, 2011      Performance Enhancement of Functional Requirements of Existing Buildings - Orientation Program on Green Building Design: Concepts & Application organized by VNIT, Nagpur.

Feb, 18-22, 2008      Sharing Experiences Objectives, Design Issues and Design Tools in the Studio - Transmission of Knowledge in Architecture - Teachers Training Programme, Co-ordinated by Smt. M.M.Department of Architecture, L. A. D. College for Women, Nagpur at National Institute of Advanced Studies in Architecture.

Feb. 5-6, 2008      Architecture Structure Integration - Workshop on Structural Safety and Architectural Design at V.N.I.T., Nagpur, Feb. 2008

### **Invited Lectures**

Oct. 18, 2013      **World Standards Day - International Standards Ensure Positive Change**, speaker at the seminar organised by Bureau of Indian Standards, Nagpur.

- Sep. 21, 2011      **Structural approach towards Articulating Architectural Forms**, at Smt. Manoramabai College of Architecture, LAD campus, Nagpur
- Mar. 28, 2011      **Expression in Architecture**, at Smt. Manoramabai College of Architecture, LAD campus, Nagpur
- Apr. 17, 2009      **Symbiotic Forms** , lecture hosted by IIA Kolhapur Chapter
- Apr. 8, 2008        **Coherent Forms Articulation of Structure and Architecture** , lecture hosted by IIA Nagpur Chapter.
- Aug. 23, 2006      **Tension in Design Studio**, at the A. G. Bapat Memorial lecture series, organized for the ArchFest 2006, Rizvi College of Architecture, Mumbai.
- Aug. 7, 2006        **Architecture Structure Interaction** Invited to deliver a lecture at the Zonal NASA Convention 06, held at Sir Prince Shivaji Maratha Boarding Houses College of Architecture, Kolhapur, 5th to 7th of August, 2006

## Other Achievements

Advisory Board of Master Plan implementation and Building Design at National Institute of Technology, Uttarakhand, India

Expert member on Building Committee for selection and suggestions for building construction activity at National Institute of Technology, Silchar, India .

Advisory Board of Indira Gandhi Government Medical College, Nagpur, for development of Master Plan.

Advisory Board of Dr. Babasaheb Ambedkar Hospital and Research Center, Nagpur, for development of Master Plan and Building design.

Member of working group of MEDA ( Maharashtra Energy Development Authority) for implementation of ECBC in the state of Maharashtra, India.

Expert on the committee appointed by Council of Architecture, for evaluation of B. Arch and M. Arch degree courses.

Appointments as expert for valuation of the M. Arch (By Research) and Doctoral thesis.

Member of the Staff Selection Committee of Nagpur University.

Member of AICTE Approval Committee.

Convener and Member of Local Enquiry Committee for RTM Nagpur University for evaluating institutions of Architecture under Nagpur University for extension of approval.

Nominated for the Governing Body of Smt. Manoramabai Mundle College of Architecture, Nagpur as the University Nominee.

Reviewer for URBAN DESIGN International, Palgrave Macmillan Journals, Hampshire, UK. Information Technology Research Journal.

Last updated: August 1, 2014