

RESUME



Name in full : **Dr. YOGESH K. GARG**

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Date of Birth : Bhopal; 8th April 1969

Qualification : **B. Arch.** (MACT Bhopal, Now MANIT Bhopal in 1990),
MURP (University of Roorkee, Now IIT Roorkee in 1992), **Ph.D.** (2002)

Membership of Professional bodies: **FIIA, FITP, ISTE, IIID, IBC, IIV**
Member Council of Architecture as Nominee of
M.P. Government

Professional Experience: 30 Years

Department of Architecture, M.I.T.S. Gwalior as

- Lecturer August 1992 – February 1997

Department of Architecture and planning, M.A.N.I.T, Bhopal as

- Lecturer February 1997 – February 2002
- Senior Lecturer February 2002 – February 2005
- Assistant Professor February 2005 – February 2008
- Associate Professor February 2008 – March 2012
- Professor March 2012 – **till date**
- **Professor and Head of the department July 2018 – June 2020**

Honors and Distinctions:

1. National Scholarship under National Scholarship Scheme GOI (1985)
2. College merit scholarship during the course of B. Arch. at M.A.C.T., Bhopal (1985 – 1990)
3. U.G.C. scholarship (Through GATE) at University of Roorkee, Roorkee (1990-1992)
4. Fellowship for training of Young Scientist of M.P. by M.P. Council of Science and Technology, Bhopal. (1999)
5. Career award for young teachers by All India Council of Technical Education (AICTE) New Delhi (2002-2005)
6. Certificate of commendation, IIA award 2009 in research Category by Indian Institute of Architects for the project “Visual interpretation and analysis of Mayamatam: A traditional architectural treatise of India”
7. Certificate of appreciation for outstanding contribution in IIA activities (2015)

Research Projects:

1. “Computer based systems approach for improvement of life in urban slums” as Investigator sponsored by University Grants Commission (UGC) (1999)
2. “Documentation of Heritage Sites of Narmada Valley” as Member Sponsored by Ministry of Human Resource and Development (MHRD)
3. “Perspective vision of squatter settlements in India’s urban development process- A study for future shelter program of squatters” as principal investigator under Career Award by AICTE, New Delhi (2001 - 2004)
4. “Validation of traditional Indian knowledge of home building” as Principal Investigator sponsored by M.P. Council of Science and Technology (2008 – 2010)
5. “Framework for conceptualizing contemporary residential buildings in tune with ancient Indian knowledge” as Principal investigator sponsored by MANIT, Bhopal under Grant in Aid scheme (2010 - 2011)
6. “Visual interpretation and analysis of *Samarangana Sutradhara*: A traditional Architectural Treatise of Central India” as Co-investigator sponsored by MANIT, Bhopal under Grant in Aid scheme (2010 - 2011)
7. “Exploring design strategies for reducing disconnect of qualitative aspects in residential vernacular architecture and contemporary urban residential architecture” as Co-investigator sponsored by MANIT, Bhopal under Grant in Aid scheme (2010 - 2011)
8. “Strengthening computer lab” of the department as Principal investigator sponsored by MHRD – MANIT Scheme of strengthening and development of research laboratories (2011-2013)
9. “Collection of data for developing low carbon society , scenario of Bhopal, India” sponsored by Mizhou, Informatics and research Institute, Japan (2014)
10. “Assessing the Impacts of Climate Change on Urban Sector in Madhya Pradesh” sponsored by Development Alternatives New Delhi (2016)
11. “Collection of data for developing low carbon societies (LCS) scenario for Indian cities” sponsored by Mizuho information and research institute Inc. Japan (2017)
12. “Socio cultural Water sensitive behavior: Water for Change: Integrative and fit for purpose water sensitive design framework for fast growing livable cities” sponsored by DST-NWO (2020 – 2025) Flagship project of Government of India and Government of Netherlands

The project is jointly carried out by Indian and Dutch Partners:

Indian Partners	Netherlands partners
IIT Roorkee	Delft University of Technology-Delft
IIT Gandhinagar	Dutch Research Institute for Transitions-Rotterdam
MANIT Bhopal	University of Twente- Enschede
CEPT University Ahmedabad	IHE Delft Institute for Water Education, Delft
Centre for Water Resources Development and Management (CWRDM) Calicut	Stichting Deltares, Delft IRC Wash, The Hague

13. “Spatial analytics to monitor COVID 19 and suggesting recovery plan” as Principal investigator submitted to NIT Council (2020) under NIT’s and IISER research scheme.
14. “Exploring social equity issues of present urban transport scenario in Indian context” as principal investigator Minor research project sponsored by ICSSR (Indian Council for Social Science research, New Delhi (2019-2021)
15. “Ensuring Livelihood security through resource optimization model for tribal areas of Madhya Pradesh” as Co-investigator of Major research project sponsored by ICSSR (Indian Council for Social Science research, New Delhi (2023-2025)

International Journal Publications: 17

National journal publications: 26

National and International Conferences Publications: 23

Book Chapter Contribution: 2

Books

1. Professional Practice: 2 Editions (2014 – 20)
2. City Planning: 2 Editions (2015 – 20)

Manual Preparation:

1. Design Project Part IV (IIA Thesis Manual) (2014-2015)
2. Design Part 1 - III Manual for Indian Institute of Architects Mumbai (2015)

Reviewer / Editor for National and International journals

1. Editor “International Journal of Construction Engineering, Technology & Management”
2. Reviewer “African Journal of Marketing Management”
3. Reviewer “SPANDREL – an international journal”
4. Editor **Journal of Indian Institute of Architects (IIA)** December 2013
5. Reviewer **Digital Applications in Archaeology and Cultural Heritage (DAACH)** September 2022
6. Reviewer **Journal of Engineering Science and Technology (JESTEC)** Special Issue 2022
7. Reviewer of **Journal Building and Environment** February 2023
8. Reviewer of **Journal Archives of Current Research International** on 15th November 2023.
9. Reviewer panel member for **The International Indigenous Policy Journal** 16th November 2023.
- 10.

Editor / reviewer / moderator for various seminar and conferences

1. Editor for seminar proceedings for national workshop on “Strategy for New Housing Policy” organized by ITPI M.P. Regional Chapter, Bhopal on 1st October 2004

2. Editor for IIA National Convention held at Bhopal on 23rd and 24th December 2005
3. Member of the Technical committee for international conference on “Raja Bhoj’s contribution on Architecture, Planning and its relevance today” held at Bhopal on 22nd – 24th December 2017, organized by M.P. Bhoj Open University, Vigyan Bharti and M.P. Council of Science and Technology, Bhopal.
4. Chairing of 2 technical sessions on international conference on “Future Cities- 2019” organized by Department of Architecture and Planning IIT, Roorkee from 11th – 13th December 2019.
5. Reviewer for the papers for international conference on resilient and livable city planning (RLCP-2020), organized by SPA Vijayawada November 2020
6. Moderator for the Plenary Session – III on ‘Ancient Knowledge Systems and India’s Urban Heritage’ on Topic ‘Sustainability and Urban Development - The Indian Context’ in 6th India International Science Festival 2020 (IISF2020) on theme Habitat (Urban & Rural) on 23rd December 2020.
7. Session Chair in the National Conference on Cities 2050: Planning, governance and management on 23rd July 2021 for Session 1 on Built environment organized by MNIT Jaipur.
8. Advisor for National Conference on “Legacy of Islamic Architecture” organized by Aligarh Muslim University, Aligarh on 26th February 2023.

Architectural and planning consultancy projects through institute consultancy cell: 13

Including design of various buildings and master plans for MANIT Bhopal, PHQ Bhopal, Forest Department Madhya Pradesh, M.P. State Agro Industries Development Corporation Limited Bhopal, Makhanlal Chaturvedi National University of Journalism and Communication Bhopal etc.

Workshops / training programs / expert lectures / webinars organized: 32

Training Program / Workshops attended: 42

B. Arch. Thesis Guided: 72

B. Planning Thesis Guided: 18

Masters of Planning Thesis guided: 19

Ph.D. Thesis Guided

1. “Visual Interpretation and analysis of Mayamatam, A Traditional Architectural Treatise of India” MANIT Bhopal (2009)
2. “Socio-Environmental Impact Assessment of River Corridors within Urban Areas - Study of Swarnarekha River, Gwalior” Faculty of Architecture and Planning, Rajiv Gandhi Technical University, Bhopal (2010)
3. “Changes in life style and their influence on character of space in residential vernacular architecture” MANIT Bhopal (2011)

4. “Framework for evaluating livability performance of residential built environment: an analytical approach in Indian context” MANIT Bhopal (2014)
5. “Impacts of Climate Variability and Change on Urban Infrastructure: A case of Bhopal” MANIT Bhopal (2016)
6. “Development of framework for identification and prioritization of parameters for context specific slum interventions in Indian context” faculty of Architecture at SPA, Bhopal (2016)
7. “Decision support system for integrating and evaluating energy performance into building design process” MANIT Bhopal (2016)
8. “Effect of delivery methods for housing on its quality levels and customer satisfaction: Indian Context” MANIT Bhopal (2016)
9. “Prioritizing Landscape elements affecting housing satisfaction of residents in different housing typologies” MANIT Bhopal (2017)
10. “Validation of traditional Indian Knowledge of home building” Faculty of Civil Engineering, Rajiv Gandhi Technical University, Bhopal (2019)

Ph.D. Thesis under Guidance: 05

Ph.D. Thesis Evaluation from various institutions / universities:

1. Anna University, Chennai
2. University Putra, Malaysia
3. Aligarh Muslim University, Aligarh
4. Guru Nanak Dev University, Amritsar
5. NIT, Raipur
6. Amity University Rajasthan
7. IIT Roorkee
8. SRM School of Science and Technology, Kattankulathur
9. Lovely Professional University, Punjab
10. NIT Hamirpur
11. Jamia Millia Islamia, Central University New Delhi

CO-CURRICULAR AND SOCIAL RESUMES:

Departmental responsibilities

1. In-charge NASA since (1997 - 2003)
2. In-charge workshop (1997 - 2005)
3. In charge Construction yard (2001 - 2003)
4. In charge examination (2002 - 2007, 2012 – 2013, 2022 – till date)
5. Member of Departmental purchase committee (2003 - 2006)
6. In-charge CAD lab (2010 - 2020)
7. Member of the departmental Undergraduate Committee (2004 - 2018)
8. B. Arch thesis coordinator (2007 – 2008)
9. Coordinator for Post Graduate Program M. Plan (2005-2011, 2021-till date)
10. Coordinator DUPC for B. Architecture (2019 – 2022)
11. Coordinator Doctoral Program Research Committee (DRPC) (2004 – 2022)

12. Member BOS at Dept. of Architecture and Planning (2012 – till date)
13. Academic coordinator M. Plan (2022 – till date)

Institutional level

1. Member counseling for admission B.E./B.Arch. through P.E.T. (1992– 1997)
2. Member of Board of studies for Jiwaji University, Gwalior (1994 – 1996)
3. Member of Post Graduate admission committee (1998 – 2002, 2006-2007)
4. Member of stock verification committee (1997-2009)
5. Member of anti-raging committee (1997 – Till date)
6. Member of AIEEE counseling (2003)
7. Deputy Superintendent of Exams (2005 – 2007)
8. Professor In-charge Canteen (2009 – 2011)
9. Architectural expert for the institute consultancy given to the consultant for design discussions and approvals (2010 – 2012)
10. Departmental coordinator for the academic audit (2011)
11. Member of Post Graduate Admission committee (2011-2014)
12. Coordinator of E- learning courses on GIS organized by IIRS, Dehradun (2013-2021)
13. Member recruitment committee for the recruitment of faculty at MANIT, Bhopal (2018 – 2022)

SOCIAL

1. **External Examiners** for Architecture and Planning subjects for UG and PG at MITS Gwalior, IIT Kharagpur, MNIT Jaipur, SPA Bhopal, SPA Delhi, SPA Vijayawada, BMCA Bhopal, LNCET Bhopal, IIA Mumbai, AMU Aligarh, IPS Academy Indore, IIT Roorkee
2. **Paper setter / valuer for professional examinations:** Dr. A.P.J.Abdul Kalam Technical University, Lucknow, Rajiv Gandhi Technical University Bhopal, P.E.T. (Pre Engineering Test) organized by Vyavasayik Pariksha Mandal in Architecture, NATA
3. **Expert member / paper setter at various Public Service Commissions:** Madhya Pradesh PSC, Bihar PSC, Rajasthan PSC
4. **Member Board of Architectural education of IIA** (2006 – 2008)
5. **Member Board of Architectural examination of IIA** (2006 – 2018)
6. **Expert Member Senate SPA, Delhi** (2019 – 2023)
7. **Member Board of Governors (BOG)** Indian Institute of travel and Tourism Management, Ministry of Tourism, Government of India (2019 – 2022)

8. **Member Board of studies** for College / School of Architecture for Amity University, Mumbai (2018 – 2020), Teerthanket Mahaveer University, Moradabad (2018 – 2019), Netaji Subhas University of Technology New Delhi (2020 – 2023), MITS Gwalior (2021 – 2024), Rajiv Gandhi Technical University, Bhopal
9. **Expert member for Ph.D. seminars/ RDC/ SRC/ Viva:** NIT Patna, SPA Vijayawada, SPA Bhopal, NIT Raipur, IIT Roorkee, Jamia Millia Islamia New Delhi, SRM Chennai, VIT Vellore
10. **Member of the selection committee** as a subject expert in architecture and Planning for various faculty positions at V.N.I.T. Nagpur, M.N.I.T. Jaipur, MITS Gwalior, SPA Delhi, Veer Surendra Sai University of Technology Burla, Odisha
11. **Jury:**
 - Spot competitions for NASA 2004 Gwalior
 - Design trophy at 59th Zonal NASA convention 2016 (Zone-2) at Bagulamukhi college of Architecture Bhopal
 - IPSA Design Trophy in the International conference on “Revisiting Sir Patrick Geddes” on 26th – 28th September 2019 IPS, Indore
 - Various National architectural competition organized by Project Implementation Unit PIU-MPPWD
 - Jury member for Architectural Design Competition for Science Memorial - Contribution of Indian Scientist in Freedom Movement of Bharata organised by MPCST and VIBHA to celebrate 75 years of independence as Azadi ka Amrit Mahotsav in June 2022
 - Jury Member of the 1st Phase Jury, IIA AWARDS 2021 under Research Papers Category in November 2022.
12. **Executive member for IIA Bhopal Chapter** (1992 – 1994)
13. **Member for I.T.P.I.M.P. Chapter:** Building committee (2004 – 2005 and 2008-2009), Training committee (2005 – 2006) Executive committee (2006 – 2008 and 2013 – 2015) Joint Secretary (2010 – 2012)
14. **Member building committee:** Indian Institute of Forest Management IIFM Bhopal (2005 – 2009), Water and land management Institute (WALMI), Bhopal (2007 – 2010)
15. **Expert member**
 - Rajiv Gandhi Technical University, Bhopal for discussion on affiliation of Architectural institutes at COA, New Delhi (2011)
 - Career Advancement Scheme (CAS) for promotion of Faculty in Department of Architecture, Women’s Polytechnic, Bhopal , Directorate of Technical Education, M.P.(2018)

- Discussion on “Anomalies regarding issue of completion certificate for colony Development” organized by Directorate of Town and Country Planning, Government of Madhya Pradesh at RCPV Nahora Academy, Bhopal (2019)
- Framing rules and regulations on online off campus counseling for admission to M. Arch course in Madhya Pradesh for Session 2019 – 20, Directorate of Technical Education Madhya Pradesh, Bhopal (2019)
- Details on practical training for B. Arch Curriculum at Rajiv Gandhi Technical University, Bhopal (2019)
- Change of Land use under 23Ka (1) (Kha) at State Institute of Town Planning under M.P. Nagar Thatha Gram Nivesh Adhiniyam 2012 on (2019)
- Decision on Housing and Habitat Policy 2019 (Government of Madhya Pradesh) at Atal Bihari Institute of Good Governance and policy Analysis on (2019)
- Review of existing and formulation of new development plans, Directorate of town and Country Planning (2020)
- Syllabus equivalence committee for Rajiv Gandhi Technical University, Bhopal for admission to B. Arch course with other universities across India (2023).

16. Nominations by:

- Council of Architecture member for preparation of development scheme for Chitrakoot, Madhya Pradesh. (2014)
- Council of Architecture member as an institute representative of council for the committee of Datiya city (M.P) for town and country planning department (2017)
- Committee member for preparation of Harda Development Plan (M.P.) under Nagar Tatha Gram Nivesh Adhiniyam 1973 by Govt. of M.P.
- Convener for inspection of Architectural Institutes by Council of Architecture: 2019 (02)
- Chairman for the Committee constituted by AICTE, New Delhi to review the curriculum of B. Architecture in view of latest market trends and industry requirements constituted on 28th July 2016. Revised syllabus launched by AICTE on: 7/10/2019 (2016)
- Member Council of Architecture New Delhi as State Government nominee of Madhya Pradesh (May 2023 – May 2026)

17. Special lecture and Invited Talks at: VALMI Bhopal, SPA Bhopal, Planogram, IITTM Gwalior, IITTM Noida, MNIT Jaipur, Apeejay Institute of Technology, Greater Noida on various topics such as Vastushastra, Indian heritage, Rural tourism, Architecture and Planning research, Ancient Indian Architecture, Architectural education and profession, outcome based architectural education, Quantitative and qualitative research techniques, data analysis, etc.

18. MoU'S:

- Atal Bihari Vajpayee Institute of Good Governance and Policy Analysis (AIGGPA) (A registered body of Government of Madhya Pradesh under Public Service Management Department)
- Team Rethinking Urbanization (TRU), Bhopal
- Police Training and Research Institute, Bhopal (PTRI), Government of Madhya Pradesh

19. Others:

- Presiding officer and Micro Observer for Various Lok Sabha and Vidhan Sabha elections.
- Visit to Anjar to assess the damage caused by earthquake in Gujarat on behalf of Government of Gujarat (2001)

20. Research Interests

As a researcher, apart from architecture his academic interests are computer applications in housing and planning with emphasis on multiple objective decision-makings. He is also interested in Ancient Indian Architectural treatises with application in contemporary designs and design methodologies. Being worked with various professional bodies and member of various research committees he deliberates on architectural education and profession. Reading spiritual literature and understanding relationship between spiritualism and architecture is his hobby.