

# National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

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## Curriculum Vitae

I am an Assistant Professor in the Department of Architecture at the National Institute of Technology Tiruchirappalli, Tamil Nadu, India. I am an experienced environmental planner pursuing a Ph.D. from the National Institute of Technology Hamirpur, Himachal Pradesh. I graduated with honors in Architecture from Uttar Pradesh Technical University (UPTU) Lucknow in 2014 and completed a Master in Planning (Environmental Planning) from the School of Planning and Architecture Bhopal (SPAB) in 2016. I was honored with the gold medal for the highest academic performance in Bachelor of Architecture (B. Arch) by the Honorable Governor of Uttar Pradesh in 2014. I received a certificate of merit for the Best Thesis Award 2016 for my thesis on Development Regulations for the Catchment area of an Urban Water Body: Upper Lake Bhopal - ITPI MP Regional Chapter. I held first place in the Annual Rainbow Cities Summit and Annual Urban Research Awards 2016 organized by Xavier University, Bhubaneswar (XIMB).



I am an optimistic, determined, confident, and a dedicated professional. I yearn to work in pragmatic way with opportunities to showcase my knowledge and professional skills in the field of Architecture and Planning. I aspire to engross in my professional responsibilities with complete integrity and enthusiasm to meet goals and objectives of the organization. I have extensive experience in various areas such as *sustainable tourism planning, urban and rural planning, infrastructure planning, timeseries forecasting, green economy, bibliometric analysis, systematic literature review, inter-causality analysis climate change study, environmental management plans, infrastructure planning and gap assessment, GIS mapping, development regulations, watershed management*. I am proficient in software such as *EViews, VOSviewer, InVEST, IBM SPSS, ArcGIS, QGIS, Erdas Imagine, InDesign, Google Earth, AutoCAD*.

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2. Designation: **ASSISTANT PROFESSOR**
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4. Telephone (Direct) (Optional):

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Telephone:            Extn (Optional):

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5. Email (Primary): [keerti@nitt.edu](mailto:keerti@nitt.edu)      Email (Secondary): [ar.keertimanisha@gmail.com](mailto:ar.keertimanisha@gmail.com)
6. Field(s) of Specialization:      **Sustainable Tourism Planning, Urban and Rural Planning, Infrastructure Planning, Timeseries Forecasting, Green Economy, Bibliometric Analysis, Systematic Literature Review, Inter-Causality Analysis, Climate Change Study, Environmental Management Plans, Infrastructure Planning and Gap Assessment, GIS Mapping, Development Regulations, Watershed Management**

### 7. Employment Profile

Job Title	Employer	From	To
Assistant Professor	National Institute of Technology Tiruchirappalli (NITT)	08 April 2024	Present
Assistant Professor	CHRIST (Deemed to be University) University, Bangalore	01 August 2022	05 April 2024
Environmental Planner	IPE Global Ltd., New Delhi	16 April 2018	30 June 2020
Project Associate	School of Planning and Architecture Bhopal (SPAB), Madhya Pradesh	03 October 2016	09 April 2018

### 8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
PhD	National Institute of Technology Hamirpur, Himachal Pradesh	From 2020- Ongoing	-	Mitigating the impacts of tourism on the environment toward sustainable tourism in hilly region
Master of Planning (Environmental Planning) (M. Plan)	School of Planning and Architecture Bhopal, Madhya Pradesh	2016	I <sup>st</sup> - Hons	Environmental Planning

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Bachelor of Architecture (B. Arch)	Uttar Pradesh Technical University Lucknow	2014	I <sup>st</sup> - Hons (Gold Medalist)	Architecture
XII	CBSE New Delhi	2009	I <sup>st</sup>	English, Mathematics, Physics, Chemistry, Biology, Work Experience, Physical & Health Education, General Studies
X	CBSE New Delhi	2007	I <sup>st</sup>	English, Hindi, Mathematics, Science & Technology, Social science

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
NPTEL Coordinator	Department (DoA)	18.07.2024	July session
NCC/NSS/NSO Coordinator	Department (DoA)	18.07.2024	July session
HoD's Nominee	Department review panel member to review B.Arch., Dissertation AR509 (July Session) (DoA)	14.08.2024	July session
Design Team member	Nominated Faculty for compiling Institute Day Report (Institute)	24.04.2024	-
Academic activity budget committee member	Department (DoA)	19.04.2024	-

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2014	Gold Medal	Uttar Pradesh Technical University (UPTU) Lucknow
2016	Best Thesis - PG (M. Plan)	Institute of Town Planners, India (ITPI) Madhya Pradesh Regional Chapter

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2017	ARC Urban Research Awards	Xavier University Bhubaneswar
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12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)

13. Details of Academic Work

- (i) Curriculum Development
- (ii) Courses taught at Postgraduate and Undergraduate levels
  - a. Courses taught at UG levels
    - i. Architecture Design- I AR111**
    - ii. Architecture Design-II AR211**
    - iii. Environment Psychology AR503**
    - iv. Surveying and Site Planning AR209**
    - v. NCC/NSS/NSO**
- (iii) Projects guided at Postgraduate level
- (iv) Other contribution(s)
  - a. **AR509 Dissertation -I Seminar- HoD's Nominee for the Department review panel member**

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Enhancement of the Gram Panchayat Spatial Development Plans	Ministry of Panchayati Raj	25.05. 2024	-	Ongoing
Madhya Pradesh Forest Report	M/s Saptrishi Consultancy Services Limited, Noida, Uttar Pradesh	28.10.2022	30.06.2023	Completed

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role (Supervisor/ Co-Supervisor)	Year of Award

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

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<b>Date (s)</b>	<b>Title of Activity</b>	<b>Level of Event (International /National/ Local)</b>	<b>Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)</b>	<b>Event Organized by</b>	<b>Venue</b>
02-07 May 2024	6-day FDP IIT Madras	National	Participant	IIT Madras, Chennai	Teaching Learning Center (TLC) IIT Madras, Chennai
16-18, December 2021	2 <sup>nd</sup> International Conference on Modeling, Simulation and Optimization (CoMSO 2021)	International	Presenter	NIT Silchar	Online
December 2022	2 <sup>nd</sup> International Conference on Sustainable Resilient Built Environments (SRBE) 2022 Manipal	International	Presenter	Manipal School of Architecture and Planning - MAHE Manipal	Online
December 2022	2 <sup>nd</sup> International Conference on Sustainable Resilient Built Environments (SRBE) 2022 Manipal	International	Presenter	Manipal School of Architecture and Planning - MAHE Manipal	Online
9-10 October 2017	UPPD Conference, Singapore	International	Presenter	UPPD Singapore	Hotel Fort Canning (HFC), Singapore

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

<b>Title of Activity</b>	<b>Level of Event (International/ National/ Local)</b>	<b>Date (s)</b>	<b>Role</b>	<b>Venue</b>

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18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	The Indian Institute of Architects (IIA)	14 June 2024
Life Member	ITPI Madhya Pradesh Regional Chapter	2018-197/AITP/MP
Ordinary Member	Council of Architecture (COA)	CA/2015/67509

20. Academic Foreign Visits

Country	Duration of Visit	Programme
Singapore	5 days	Annual International Conference on Urban Planning and Property Development

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Keerti Manisha, Inderpal Singh, Vishal Chetry	Investigating and analyzing the causality amid tourism, environment, economy, energy consumption, and carbon emissions using Toda– Yamamoto	Environment, Development and Sustainability (EDS)	-	1-36	2023	4.7 (2023)

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	approach for Himachal Pradesh, India					
Keerti Manisha, Inderpal Singh,	Forecasting of Indian and foreign tourist arrivals to Himachal Pradesh using Decomposition, Box–Jenkins, and Holt–Winters exponential smoothing methods	Asia-Pacific Journal of Regional Science (AJRS)	-	1-31	2024	1.9 (2023)
Keerti Manisha, Inderpal Singh,	Investigating Green Economy Studies Using a Bibliometric Analysis	Journal of the Knowledge Economy (JKEC)	Volume 15, Issue 2	1-33	2024	4.0 (2023)

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
Vishal Chetry, Keerti Manisha	Assessing and Predicting Urban Growth Patterns Using ANN-MLP and CA Model in Jammu Urban Agglomeration, India	Modeling, Simulation and Optimization	387–397	Smart Innovation, Systems and Technologies ((SIST, volume 292))	Online	2022
Keerti Manisha, Vishal Chetry	Mapping Cyclone and Flood Hazard Vulnerability in Puri District, Odisha, India, Using Geoinformatics	Sustainable Resilient Built Environments (SRBE 2022)	595-603	Advances in 21st Century Human Settlements (ACHS)	Online	2024
Keerti Manisha,	Developmental Regulations to	Sustainable Resilient	17-27	Advances in 21st Century	Online	2024

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Rama U Pandey	Conserve Catchment Area of an Urban Water Body: A Case of Upper Lake in the City of Bhopal, Madhya Pradesh, India	Built Environments (SRBE 2022)		Human Settlements (ACHS)		
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**(C) Books & Monographs**

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number