

**ARVIND**

902, Gavdevi Hill CHS.Ltd.,

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**KUMAR**

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**Objective**

**Area of Interest**

To contribute to society by achieving academic excellence through continuous acquisition and dissemination of knowledge in the field of architecture, urban planning, energy management, etc.

Energy Management, System Thinking, Urban Planning, Building Design, Campus Planning, and Computer Applications.

**Work Experience**

2022-Dec.23

2020-22

2012-13

2011-12

2010-11

Asst. Professor; NIT Bhopal

Consultant; Kapadia Associates, Mumbai

BIM Manager, Coordinator.

Sr. Architect; Kapadia Associates, Mumbai

**Team Leader**, Building Information Modeling and Design.

**International collaboration** with WOHA Architects, Hong Kong

Jr. Architect; Abhikalpan Architects and Planners, Mumbai

Design and Planning, Building Drawings, and construction details.

Architect; The Forms, Jaipur

 **Winning entry** for NIFT Jodhpur Intuitional Campus Design Project Award

**Education**

July 2015

-TBC JAN 2024

2013-15

2005-10

2002-03

2000-01

Doctor of Philosophy Indian Institute of Technology Roorkee

**SUBMITTED**  Thesis: Planning for Energy efficient Smart city-Jodhpur, India

Masters in Urban & Rural Planning Indian Institute of Technology Roorkee

8.45 CGPA, Thesis: Planning for Solar city-Jodhpur, India

Bachelor of Architecture National Institute of Technology Jaipur

7.76 CGPA Thesis: Campus Planning for IIT Jodhpur

Senior Secondary Rajasthan State Board

66.76 %, R.C. Lodha School, Pali

Secondary School Rajasthan State Board

83.84 %, Adarsh School, Pali

**Software**

**Proficiency**

**Membership**

Stella, SPSS, DesignBuilder, ArcGIS, Photoshop, Autodesk Revit, Autocad, Vectorworks, M.S. Office, SketchUp

Institute of Town Planner India and, Council of Architecture

**Journal Publications**

* Kumar, A., Devadas, V. 2020 Solar Energy Generation Based Urban Development: A Case of Jodhpur City. Journal of World Academy of Science, Engineering, and Technology; Urban and Civil Engineering. ISSN:13076892
* Kumar, A., Devadas, V. 2020. Analysis of Energy Consumption Based on Household Appliances in Jodhpur, India. Journal of World Academy of Science, Engineering, and Technology; Urban and Civil Engineering. ISSN:13076892

**Conference Publications**

2020

**Dubai**

2019

**India**

2018

2016

2015

* Kumar, A., Devadas, V., (2020). Solar Energy Generation Based Urban Development: A Case of Jodhpur City. International Conference on Creative Urbanism & City Planning, Dubai, (December 17-18, 2020). \*(**Best paper Presentation Awards)**
* Kumar, A., Devadas, V., (2020). Analysis of Household Appliances Based Energy Consumption in Jodhpur City. International Conference on Creative Urbanism & City Planning, Dubai, (December 17-18, 2020). \*(**Best paper Presentation Awards)**
* Kumar, A., Devadas, V., (2019). Cloud-Based Solar Energy– GIS System in India. International Conference on Future Cities, IIT Roorkee, India, (December 11-13, 2019).
* Kumar, A., Devadas, V., (2019). Roof-Top-based Solar Energy Management in Jodhpur City, India. International Conference on Future Cities, IIT Roorkee, India, (December 11-13, 2019).
* Kumar, A., Devadas, V., (2018). Analysis of Solar PV Systems in Jodhpur City, India. National Conference on Smart and Sustainable and future, Shaastra Research Conference, (pp.58-59), IIT Madras, (January 5-6, 2018).
* Kumar, A., Devadas, V., (2016). Role of Energy Efficient Infrastructure in creating Smart Cities. National Seminar on Renewable Energy Conservation and Efficient Use of Electricity. Institute of Engineers India, IIT Roorkee, India (February 12-13, 2018).
* Kumar, A., Devadas, V., (2015). Application of system dynamics technique for solar energy planning, India. 2 Days National Workshop of System Dynamics Society of India, IIT Bombay, India. (October 24, 2015).

**Workshop /Course Attended**

India

* Foundation Workshop on Data Science, Aug 9-11, 2021, Odin School, Madhapur, Telangana.
* Short-term training program on 'Sustainable Habitat’, (Sept. 24-28, 2019), VNIT Nagpur.
* Training program on “Provisions of Energy Conservation Building Code (ECBC)” (Jan.30 -Feb.3, 2019), Sir J. J. College of Architecture, Mumbai.
* Annual School on Grassroots Innovations (Jan.10- 18, 2018), NIAS- IISc Campus, Bengaluru.
* Academic Internship, (May 28 -July -15, 2014), The Energy and Resource Institute, TERI New-Delhi.
* Earthquake Resistant Practices for Students of Architecture, (July 3-8, 2008), IIT Kanpur Workshop on National Information Centre of Earthquake Engineering, IIT Kanpur.

**Awards/Scholarship/Achievements**

2020-21

2019-20

2015-20

2013-15

* **Best Paper Presentation Awards** in International Conference on Creative Urbanism and City Planning ICCUCP 2020-Dubai
* Exceptional contribution as a volunteer, International Conference, ICFC- 2019, IIT Roorkee
* Doctoral Grant: [Government of India](http://mhrd.gov.in/), **MHRD fellowship** (Months36 - 60, Value $21,500).
* Masters Grant: [Government of India](http://mhrd.gov.in/), **MHRD fellowship** (Months 24, Value $2,500)

**Extra-Curricular Activities**

2015-20

2015-20

* Assistant Warden of Govind Bhawan Hostel, IIT Roorkee
* Member of Students Affair Council, IIT Roorkee

**References**

* Dr. V. Devedas (Professor)

Department of Architecture and Planning, Indian Institute of Technology Roorkee,

Roorkee, Uttarakhand-247667

Phone- +91-9411111375

E-mail: v.devadas@ar.iitr.ac.in

* Dr. Jagdish Singh (HoD & Professor)

Department of Architecture and Planning,

National Institute of Technology Bhopal,

Bhopal, M.P.-462003

Phone- +91-9425377630

E-mail:  singhj@manit.ac.in

**Declaration**

I affirm that the information given in this resume is true and correct to the best of my knowledge. I also fully understand that if at any stage it is discovered that any attempt has been made by me to willfully conceal or misrepresent the facts; my appointment may be terminated as per the appointment terms and conditions.



Date: 25-03-2023 Place BHOPAL Arvind Kumar