**Career Objective**

I would like to pursue my career in Architectural Education development and like to work on newer teaching methodologies and technologies as it provides good career growth, challenging environment.

**Personal Details:**

**Name: Dr.** Trupti Jagdeo Dabe (Chauahan)

**COA Registration No.** : CA/2001/28699

**Phone number: 9422169222**

**E-mail :** [**truptidabe78@gmail.com**](mailto:truptidabe78@gmail.com)

**Address:** 210, Rachana Madhukosh Apartment, Indraprasthanagar, Pannase Layout, Nagpur.

**Profile:**

* Awarded by ‘**Research Ratana Award-2019’** by RULA International Award.
* Co-ordination for wining Trophy of ‘NASA-98 Low Cost Housing’
* Experience in Architectural, Interior, Landscaping (Terrace landscape) designing (2001-2002)
* Experience in Teaching AutoCAD 2000 at Fashion Institute (2001), Nagpur.
* Experience in Teaching AutoCAD 2011 at ADCC Pvt. Ltd IT Park (2011), Nagpur.
* Experience in Teaching AutoCAD 2011 at YCC of Engineering through ADCC Pvt. Ltd IT Park (2011), Nagpur.
* Opened own computer institute **‘Creativity’** to teaching AutoCAD, Revit, 3DMax software (2012-2013).
* Completed Interior Design projects (4 nos.) at Nagpur and planning a residential bungalow at Amravati (2011-2013).
* Experience in Designing Wrought Iron Furniture and fabrication (2002).
* Good leadership qualities along with good communication skills and self-motivation are my asset toward every walk of life.
* Strong ambition to lead a team in achieving a new milestone.

**DETAILS OF QUALIFICATIONS AND EXPEERIENCES:**

1. **Essential Qualification**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.No** | **Qualification** | **Degree** | **%Marks/CGPA** | **Div.** | **Date** | | **University/Institute** |
| **Entry** | **Completion** |
| 1 | 10th standard | - | 75.28% | First | 1993 | 1994 | Maharashtra State board |
| 2 | 12th standard | - | 68.50% | First | 1995 | 1996 | Maharashtra State board |
| 3 | Bachelor of Architecture | B.Arch | 62.48% | First | 1997 | 2001 | VRCE, Nagpur University |
| 4 | Master of Architecture | M.Arch. in Architecture Education | 67.70% | First | 2011 | 2013 | Nagpur University |
| 5. | **Doctorate in Philosophy** | **Ph.D.** | **9.50 (CGPA)** | **-** | **2013** | **2018**  **Submitted** | **Visvesvaraya National Institute of Technology** |
| 6. | Certificate course in Statistical Methods |  |  | Grade A | 8th October 2013 | 26th  October  2013 | Nagpur University |
| 7. | Maharashtra State Certificate Course in Information Technology (MSCIT) |  | 83% | First | 28th March 2003 | completed | Maharashtra State Board of Technical Education |

1. **Teaching Experience** :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of Institution and Position** | **Post** | **From** | **To** | **Total Years** | **Pay & Pay Scale (Band) with AGP/GP Separately** |
| Architecture and Planning Department, Visvesvaraya National Institute of Technology | **Teaching Assistance** | July 2013 to | December 2017 | **4 year and 6 months** | Pay-18000-28000/- |
| Priyadarshani Institute of Architecture and Design Studies | **Assistant Professor** | 10th August 2018 | Continue |  | 44000/- |

1. **Experience in Industries/Research Labs (National Only)**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of Institution and Position** | **From** | **To** | **Total Years** | **Pay & Pay Scale (Band) with AGP/GP Separately** |
| Snow Shades private consultancy | 1st July2001 | 31st July2002 | **1 year** | As per Project |
| Office of the Deputy Chief Architect Public Work Region,  State Government | 16th August 2002 | 11th July  2014 | **12 year** | Basic pay-13720/-  Grade pay-4400/- |

**4. Patent Details**-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.**  **No** | **Copyright Title** | **Status** | **Details** | **Role** | |
| **Applied/Granted** | **Date of application/grant** | **Principal Inventor or Co-Inventor** | **Total No of**  **Co-Inventor in the patent** |
| 1 | Equation for calculation of daylight level and indoor temperature in the low-rise residential building | Approved | Approved copy received on 29/07/2017 | Principal Inventor | - |

**5. Journal Papers in SCI/Scopus/International Journals:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr.No** | **Title of the paper** | **Name of Journal Volume, pg. Year** | **Is it a paid Journal? Y/N** | **Indexed in Scopus/SCI**  **Y/N** | **Role** | |
| **As First Author/Main Supervisor/ Other Authors** | **Total No of Other Authors** |
| 1 | Analysis of performance of the daylight into critical liveable areas of ‘Type Design’ dwelling unit on the basis of daylight metrics for hot and dry climate | Indoor and Built Environment.  2016,  Vol.-27(1) | N | **SCI** | **First Author** | 1 |
| 2. | Impact of building profile on the performance of daylight and indoor temperature in low rise residential building in hot and dry climatic zone. | Building and Environment,  2018,  Vol-140 in Special Issue  **Paper has selected for ‘Research Ratana Award 2019’** | N | **SCI** | **First Author** | 1 |
| 3 | Evaluation of Daylight Parameters on the Basis Simulation Model For the Tropical Climate | Journal of Architectural Environment & Structural Engineering Research  Volume 3  Issue 2 | N | **International Journal** | **First Author** | 1 |
| 4 | Assessment of Daylight into the Residential Building According to the Floor Levels for Hot and Dry Climatic Zone | Journal of Architectural Environment & Structural Engineering Research  Volume 2  Issue 2 | N | **International Journal** | **First Author** |  |

**6. Conference Paper Indexed-**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Title of the Paper** | **Proceedings details** | **Indexed in Scopus/SCI/WoS/other renowned conf. Y/N** | **Role** | |
| **Name of Conference pg. Year** | **As First Author/ Main Supervisor/**  **other Author** | **Total no of other Authors** |
| 1 | Validation of methodology for daylight analysis through field measurement and simulation model-A case of residential building from Nagpur region | Proceeding of International conference of Research in Science, Management and engineering (ICRSME 2016) on 18th & 19th February 2016 | **Y** | **First Author** | **1** |
| 2 | Function of creativity and innovation in Architecture Education | Proceeding of National conference Emerging Trends in Architecture, Technology and Allied Fields- 12th -13th February  2016 | Y | **First Author** | - |

1. **Workshop/FDP/STTP**:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.No.** | **Title** | **W/s/**  **FDP/**  **STTP** | **Duration** | | **Total No.**  **Of Days** | **Role** | | **Venue** |
| **From** | **To** | **As Convenor/Coordinator** | **Other (specify)** |
| 1. | Building Sustainability and retrofitting | STTP | 27th  November  2014 | 28th  November  2014 | 2 | - | Organiser | VNIT  Nagpur |
| 2. | Design Perception and Evaluation Method | STTP | 7thJune 2017 | 12th June 2017 | 6 | - | Organiser | VNIT  Nagpur |
| 3. | Whole Building Simulation Tool: Fundamental of Energy Efficiency and Simulations | STTP | 6th July 2015 | 8th July 2015 | 3 | - | Participant | IIT Roorkee |
| 4. | Architectural Acoustics – Measurements and Simulations, | STTP | 6th March 2017 | 10th, March 2017 | 5 | - | Organiser | VNIT  Nagpur |
| 5 | Indian Patent Filing Procedure, Patent Exercise, Patent Drafting Exercise and International Patent Filing | Public Training Programme | 13th February 2017 | 17th February 2017 | 5 | - | Participant | Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur |
| 6. | Sustainable Built Environment for Growth with Resilience | Workshop | 9th January 2015 | 10th January 2015 | 2 | - | Participant | VNIT  Nagpur |
| 7 | Passive Solar Design, Daylighting and Simulation for Green building | Training | 21st February,2014 | 22nd February,2014 | 2 |  | Participant | IES College of Architecture, Mumbai |

1. Awards & Honors:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Description of Award / Honour** | **Name of Organization** | **Year** |
| **1** | **Research Ratana Award-2019** | **International RULA Award** | **2019** |
| **2** | **Best Paper Award 2020** | **International Conference Sustainable and Renewable Energy: Challenges and Opportunities (ICSARE-2020)** | **2020** |
| **3** | **Research Excellence Award 2020** | **Institute of Scholar** | **2020** |

1. Empanelment / Professional affiliation / association

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name of Board / Member** | **Organization** | **Duration** |
| **1** | CA/2001/28699 | **Council Of Architecture** | Lifetime |
| **2** | Member | **World Research Council** | 2019-2020 |
| **3** | Editor Board Member | **Journal of Architectural Environment ＆Structural Engineering Research** | 2019-2020 |
| **4.** | Editor Board Member | **American Journal of Civil Engineering** | 2019-2021 |
| **5** | Peer Reviewer | **Indoor and Built Environment (SCI) Journal** |  |
| **6** | Peer Reviewer | **Building and Environment (SCI) Journal** |  |

**10. Book/Chapters:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Name of Book** | **Name of Chapter** | **Vol./Pages** |
| **1** | **New Ideas Concerning Science and Technology** | Validation of Daylight Analysis Methodology Using Field Measurements and a Simulation Model-A Case Study of Residential Building in Nagpur | **Vol. 11, 30-38** |
| 2 | **Current Approaches in Science and Technology Research** | Determining the Evaluation of Daylight Parameters on the Basis Simulation Model for the Tropical Climate | **Vol. 12, 150-161** |
| 3 | **Sustainable Engineering, Energy and the Environment: Challenges and Opportunities** | Analyzed the Relation Between Building Design Elements and Appearance of Natural Light and  Internal Temperature in Residential Apartments | **Under Process** |