



Pushpendra Kumar

Career Objective

To promote the awareness about the importance of Industrial Design and to promote the value of "Design Thinking" and "problem solving process and methods" to society.

Education / Qualifications

Master of Design - Industrial Design (2013-2015)

Department of Industrial Design, School of Planning and Architecture Delhi

Bachelor of Architecture (2008-2013)

School of Planning and Architecture, Vijayawada

Intermediate- 12th (2008)

Modern School, Gurdaspur (PSEB | Punjab School Education Board)

Matriculation- 10th (2005)

Army School Unchi Bassi (CBSE | Central Board of Secondary Education)

Architect & Industrial Designer

Mobile: +91- 8800986556
Email: pkmdes.13@gmail.com

Council of Architecture :
Registration No CA/2016/74588

Photoshop	
Sketch up	
Auto cad	
Autodesk revit	
MS office	
i Movie	
Illustator	
Indesign	

Hobbies

- Model making: Prototyping with different materials
- Sketching: caricature
- Flute : Music play
- Photography: Expression photography
- Traveling: Mountain Trekking

Experience

12 October to Onward (Regular)

•**Assistant Professor** in Department of Architecture, School of Planning and Architecture Vijayawada (SPA Vijayawada)

July 2018-October 2018 (On contract)

•**Assistant Professor** in Department of Architecture, School of Planning and Architecture Vijayawada (SPA Vijayawada)

June 2017 - May 2018 (On contract)

•**Assistant Professor** in Department of Architecture, School of Planning and Architecture Vijayawada (SPA Vijayawada)

August 2016 - June 2017 (On contract)

Personal Profile

- Date of Birth: 15 December, 1990 (15/12/1990)
- Gender: Male
- Marital Status : Single
- Nationality : Indian
- Language Proficiency: English, Hindi, Punjabi

• **Assistant Professor** in Department of Architecture, School of Planning and Architecture Vijayawada (SPA Vijayawada)

August 2015-July 2016 (Contract)

• **Senior Design Fellow** at Design Innovation Centre, University of Delhi (DU)

June 2011-November 2011 (Internship)

• **Internship** (as a part of the B. Architecture Course) from Earthaaz (Sacred Groves) - Centre for scientific research, Auroville.

Funded Projects

1. **Funded by Design Innovation Centre** - School of Planning and Architecture Vijayawada (Ministry of Education) (2019 - Ongoing)

Self-inking art stamp to preserve the old art form of a village called as kalamkari Art (A.P. India)

2. **Funded by Design Innovation Centre** - School of Planning and Architecture Vijayawada (Ministry of Education) (2018 - Ongoing)

Portable Housing for migrants: With increasing new natural calamities, the climate change is becoming evident affecting our living and built environment. New challenges arises everyday to protect the lives and properties during such calamities, which includes but not limited to flooding, earthquake, landslides , etc.

3. **Funded by Design Innovation Centre** - School of Planning and Architecture Vijayawada (Ministry of Education) (2020 - Ongoing)

Sustainable menstruation is the ultimate goal involved with the concept of periods. It reduces the impact on the environment and encourages the practice of healthier menstrual hygiene.

4. Funded by Design Innovation Centre - University of Delhi (Ministry of Education) (2015 - 2016)

Time Measuring Device: To change the experience of time measurement and to achieve the accuracy for time measurement.

Publications - Research Paper:

1. Application of Six Sigma in Construction Industry

International Journal of Engineering, Management and Humanities (IJEMH) Volume 2, Issue 2, March - April 2021, Page No: 51-59

2. Review on Performance of Zero Energy Building

International Research Journal of Engineering and Technology (IRJET)
Volume: 08 Issue: 03 | Mar 2021 www.irjet.net

3. Good health & safety (ohs) barriers set to the good occupational health & safety firms

International Journal of Scientific Research in Engineering and Management (IJSREM) Volume 05, Issue 04, April 2021

Book Publication:

Heritage Walk on Machilipatnam

ISBN: 9781685094362

Publisher: Notion Press

Date of Publication: 2021-07-27

Intellectual property rights (Design Patents): Granted

Serial No.	Article	Publication No.	Date	Class	Original No.	Design No.
1	TIME MEASURING DEVICE "CLOCKS AND WATCHES"	No 10/2019 (08/03/2019)	23/06/2015	10-03	72677	272989
2	TIME MEASURING DEVICE "CLOCKS AND WATCHES"	40/2016 (30/09/2016)	23/06/2015	10- 03	47635	272990
3	TIME MEASURING DEVICE "CLOCKS AND WATCHES"	45/2016 (04/11/2016)	23/06/2015	10- 03	49455	272991

**Intellectual property rights (Patent) : Filed
CBR Details**

Serial No.	Application Date	Ref. No./ application No.	Ap. Number	CBR No.	Remarks
1	03/09/2020	202041009129	TEMP/E-1/9202/2020-CHE	7622	UMBRELLA DEVICE FOR TEMPORARY HOUSING

Intellectual property rights (Design Patents) : Application Under Process of Examination.

Serial No.	Article	Date	Class	Design No.
1	FLOWERS VASES AND POTS	04/07/2018	11-02	307361
2	WINDOWS	13/06/2018	08-09	306630
3	STORAGE FURNITURE	21/06/2016	06-04	284592

Coordinator, Lab Incharge , Duties, Workshops, Seminar and Achievements

- 1. Innovation Ambassador (Foundation Level)** : Certified Innovation Ambassador by Ministry of Education's (Government of India) Innovation Cell & All India Council for Technical Education AICTE during the period from 30th June - 30th July, 2021 in online mode
- 2. 'Innovation and Incubation Centre'** in School of Planning and Architecture Vijayawada - Team Member (4th - March 2021)
3. Attended two days workshop on **Strategy Building for Marketing of DIC's Innovative Products 'Nav Vipran Niti'** held on 4th and 5th February, 2019 at Banaras Hindu University organised by Design Innovation Centre - Banaras Hindu University and IIT BHU.
4. Faculty development programme on Communicating Research and Open-access Publishing (CROP-2019) during June 17th - 22nd, 2019 organised by School of Planning and Architecture, Vijayawada.
- 5. Design Innovation Centre Laboratory developed** at SPA Vijayawada Campus - (Procured Instruments and Devices - Laser Cutting Machine, 3D Printer, Projector, Prototyping tools for carpentry ground Work) . (2019 onwards)
6. Establishment of **Model Making and Carpentry Lab** at SPA Vijayawada.(6th February,2019 and onwards)
7. Faculty for **preparation of new syllabus** at Department of Architecture, SPA Vijayawada : 6 October 2019
Architectural Design Studio III Semester
Interior Design
Graphic and Product Design
- 8. Coordinator of Design Innovation Centre** - School of Planning and Architecture Vijayawada (August 2019 Onwards)
9. Representative '**All India DIC Meet up 2018**' at Varanasi, (Uttar Pradesh - India) held on 9th - 10th, February, 2018
- 10. Representative with Co-faculty - Design Innovation Centre, Spav** : India International Science Festival 2017 - 'Mega Science Festival 2017' at Anna University, Chennai during 13 - 16 October 2017
- 11. Coordination Team Member** (July 2017 Onward): Design Innovation Centre, School of Planning and Architecture, Vijayawada
- 12. Representative** (8th March, 2017): School of Planning and Architecture Vijayawada in Festival of Innovation (FION 2017) at **Rashtrapati Bhawan**, New Delhi
- 13. Advisor** (November 2016 - July 2017): **Design and Innovation Centre**, School of Planning and Architecture, Vijayawada
- 14. Winning entry** (24th November, 2015): Community space design as a part of "**Smart Realities**" an inter - disciplinary initiative organised by, Korean Cultural Centre, New Delhi, School of Planning and Architecture, New Delhi and AA Studio Consulting in 2015.
- 15. Mentor** for "Design Project: 3" (DP 3) 2015: Department of Industrial Design, School of Planning and Architecture Delhi (SPA Delhi) with Design Innovation Centre, Cluster Innovation Centre University of Delhi (DUDIC)

Academics: Courses taught to Bachelor of Architecture at SPA Vijayawada

Serial. No.	Subjects	Year / Semester
1	Architecture Drawing / Graphics	1 st Year Bachelor of Architecture
2	Architectural Design Studio	1 st - 5 th Year Bachelor of Architecture
3	Model making and prototyping	1 st Year Bachelor of Architecture
4	Computer simulation and modelling (Auto-cad & Photoshop)	2 nd Year Bachelor of Architecture
5	Applied Ergonomics	2 nd Year Bachelor of Architecture
6	Interior Design and Space Programming	3 rd Year Bachelor of Architecture
7	Design Communication	3 rd Year Bachelor of Architecture
8	Industrial Design - Elective	5 th Year Bachelor of Architecture
9	Architectural Thesis	5 th Year Bachelor of Architecture
10	Set Design	4 th Year Bachelor of Architecture

Prototyping Workshops Conducted

Serial No.	Material	Course
1	Plaster of Paris	B. Architecture- School of Planning and Architecture Vijayawada
2	Clay Modelling	B. Architecture- School of Planning and Architecture Vijayawada
3	Paper and Origami	B. Architecture- School of Planning and Architecture Vijayawada
4	Acrylic Models	B. Architecture- School of Planning and Architecture Vijayawada
5	Tile Murals	B. Architecture- School of Planning and Architecture Vijayawada

Declaration

I do hereby declare that the particulars of information and facts stated here in above are true and complete to the best of my knowledge and belief.

Date: 12th November 2021

Place: Vijayawada, Andhra Pradesh (India)