

**RKDFUniversity,Bhop  
al Faculty Profile**



**BasicInformation**

<b>Name</b>	<b>Dr. Kuldeep Pandey</b>
<b>Date of Birth</b>	<b>01.01.1985</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Department</b>	<b>Electronics and Communication</b>
<b>Experience</b>	<b>10 Years</b>
<b>Email ID</b>	<b>drpandeykuldeep.84@gmail.com</b>
<b>Contact No</b>	<b>7987164108</b>

**Educational Qualifications (Annexure1)**

<b>Description</b>	<b>Year</b>	<b>%</b>	<b>Institute/University</b>
<b>(UG)-B.E. (ECE)</b>	2007	62	<b>RGPV University, Bhopal</b>
<b>(PG)-M. Tech. (Digital communication)</b>	2015	74.6	<b>RGPV University, Bhopal</b>
<b>M. Phil.</b>	NA	-	
<b>(Ph.D.)- ECE</b>	2024	NA	<b>RKDF University, Bhopal</b>
<b>Post Doctorate</b>	NA	-	
<b>NET Qualified/GATE</b>	NA	-	

**Experience Detail**

<b>Experience (Teaching/Research )</b>	<b>Designation</b>	<b>Duration</b>		<b>Name of Institute/University</b>
		<b>From</b>	<b>To</b>	
<b>Teaching</b>	Lecturer	18.09.2008	14.08.2010	<b>Bhabha College of Engineering, Bhopal</b>
<b>Teaching</b>	Assistant Professor	16.08.2015	30.08.2018	<b>Bhabha College of Engineering, Bhopal</b>
<b>Research</b>	Ph. D. Scholar	31.08.2018	05.09.2024	<b>RKDF University, Bhopal</b>
<b>Teaching</b>	Assistant Professor	06.09.2024	Till Now	<b>Bhabha College of Engineering, Bhopal</b>

**Publications**

<b>No. of Papers Published</b>	<b>06</b>
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<b>No. of Books Published</b>		<b>NA</b>	
<b>Books Chapters Published</b>		NA	
<b>No. of Patents Published/Grant</b>		01	
<b>Ph.D/M. Phil Project supervised</b>			
<b>Research Program</b>	<b>Award</b>	<b>Under Supervision</b>	<b>Name of University</b>
<b>Ph.D (Provide detail i.e. name, title etc.)</b>	NA		
<b>M. Phil</b>	NA		
<b>PG Thesis/Dissertation</b>	03		
<b>Area of Expertise (100words)</b>			
Antenna Designing/Simulation/Fabrication			
<b>Award and Achievement</b>			
<b>Name of Award</b>		<b>Description</b>	
<b>National</b>		NA	
<b>International</b>		NA	
<b>Conference/Seminar/Workshops/FDP</b>			
<b>Description</b>		<b>No.</b>	
<b>Conference/Seminar paper presentation</b>		02 (Annexure3)	
<b>Conference/Seminar attended/ organized</b>		Nil	
<b>Workshop attended/organized</b>		Nil	
<b>FDP Attended/organized</b>		02 (Annexure3)	
<b>Research Project</b>			
<b>Name of Project</b>		<b>Funding Agencies</b>	<b>Amount</b>

- **Any other Achievement**



**Signature**

## Patent & Publication:

1. "Iot Based Voice Assisted Device For Indoor Navigation And Positioning" Design No. 425497-01, Dated July 30<sup>th</sup>, 2024. **(Patent)**
2. "Dual-Port MIMO antenna design for IoT: Analysis and implementation", Journal of Integrated Science and Technology, DOI: <https://doi.org/10.62110/sciencein.jist.2024.v12.768>, Vol. 12, Issue 3(2024), pp.768 (1-5).
3. "Dual Port Multiple Input Multiple Output Antenna for 5G Communication Applications", International Conference on Advances in Signal Processing And Communication Engineering, [https://doi.org/10.1007/978-981-97-0562-7\\_36](https://doi.org/10.1007/978-981-97-0562-7_36), July 4<sup>th</sup>, 2024, Print ISBN - 978-981-97-0561-0, Online ISBN - 978-981-97-0562-7, vol 1157. Springer, pp.473-479.
4. "Comparative analysis of FFT OFDM and DWT OFDM for MIMO systems over Rayleigh fading channel", Research Journal of Engineering Technology and Medical Sciences, ISSN: 2582-6212, [http://www.rjetm.in/volume6\\_issue3.html](http://www.rjetm.in/volume6_issue3.html) , Vol. 6, Issue 3, September 2023, pp. 40-43.
5. "Performance evaluation of FR2-based IoT and AI applications using a Quad Port Multiple Input Multiple Output Antenna", Journal of Integrated Science and Technology, ISSN: 2321-4635, <https://doi.org/10.62110/sciencein.jist.2024.v12.768>, Vol. 11, Issue 4, June 5<sup>th</sup>, 2023, pp.567 (1-6).
6. "A Review: Significant Research on Time and Frequency Synchronization in MIMO OFDM System", Int. Journal of Engineering Research and Applications www.ijera.com ISSN : 2248-9622, [https://www.ijera.com/papers/Vol4\\_issue11/Part%20-%206/V041106139143.pdf](https://www.ijera.com/papers/Vol4_issue11/Part%20-%206/V041106139143.pdf), Vol. 4, Issue 11(Version - 6), November 2014, pp.139-143
7. "Time and Frequency Synchronization Performance of MIMO-OFDM System using Schmidt Algorithm for different FFT", Int. Journal of Engineering Research and Applications www.ijera.com ISSN : 2248-9622, [https://www.ijera.com/papers/Vol4\\_issue11/Part%20-%206/U041106134138.pdf](https://www.ijera.com/papers/Vol4_issue11/Part%20-%206/U041106134138.pdf), Vol. 4, Issue 11(Version - 6), November 2014, pp.134-138

## **LIST OF FACULTY DEVELOPMENT PROGRAMME**

<b>S. No.</b>	<b>Topic</b>	<b>Date</b>	<b>Organized by</b>
1	Artificial Intelligence for Digital Manufacturing at NIT Jamshedpur	From 20/01/2025 to 25/01/2025	NIT Jamshedpur (AICTE Atal FDP)
2	Recent Trends in Bioelectromagnetic Research and Applications	From 03/04/2025 to 09/04/2025	VIT-AP University (IEEE MTT-S/AP-S/EMC-S Joint Chapter Hyderabad Section)

## **LIST OF CONFERENCES**

<b>S. No.</b>	<b>Topic</b>	<b>Date</b>	<b>Organized by</b>
1	Parametric Analysis of Circular Patch Wideband Antenna for IoT Application	From 24/09/2021 to 26/04/2021	Department of Electronics and Communication Engineering Motilal Nehru National Institute of Technology Allahabad
2	Dual Port Multiple Input Multiple Output Antenna for 5G Communication Applications	From 28/04/2023 to 29/04/2023	Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of Technology(A), Hyderabad, Telangana, India