CURRICULUM VITAE

1. Personal Information

(i)	Name	DEEPTI RAI
(ii)	Qualification	M.E. (Digital Tech. & Instrumentation)
(iii)	Designation	Assistant Professor
(iv)	Email-id	deeptirai2013@gmail.com
(v)	Employee No.	0905135
(Vi)	Department	Electrical Engineering
(vii)	Experience	11 years AIT UJJAIN - Sept 2011 to April 2013 AIT UJJAIN - May 2013 to Jun 2021

2. Educational Qualifications

S.No.	Degree/ Specialization	Year	University/Institute	Division
(i)	ME / DTI	2011	SGSITS, INDORE	FIRST
(ii)	BE/ ELECTRICAL AND ELECTRONICS	2009	MIT,UJJAIN	FIRST

3. Research Interests

Electronics Instrumentation , Control system, Digital Signal Processing, Electrical machine, Power Electronics

4.	Technical Papers Publications
(i)	**International and National Journals and Conferences**
1.	The Paper "Performance Analysis Of Wi-Max IDMA Using Different Methodologies" International Journal Of Science And Research (IJSR) Volume 7 Issue 12, December 2018, (ISSN 23197064)

2	The Paper "Aloha Protocol For Packet Data Transfer Using Channel Load Sensing Protocol" International Journal Of Contemporary Technology And Management Volume VII, Issue IX, September – 2018 (UGC 63193)
3	The Paper "Image Encryption Using Trapdoor One Way Function" International Journal Of Engineering Sciences & Research technology Volume 7, Issue 6, 8 Aug 2018,(ISSN22779655)
4	The Paper "A Survey On Aloha Protocol For IOT Based Applications" International Journal Of Engineering Sciences & Research Technology Volume 7, Issue 6, 15 May 2018, (ISSN22779655)
5	The Paper "Enhancement Of MANET Based WSN Throughput DEEC Routing Protocol" International Journal Of Engineering, Science And Mathematics (IJESM) Volume 7 , Issue 4,April 2018, Scopus ID: 3D9ED96C3EFA9FBD
6	The Paper " Image Denoising And Their Comparison Using Various Filters And Different Types Of Noise" International Journal Of Engineering, Science And Mathematics (IJESM) Volume 7 Issue 4, April 2018, Scopus ID: 3D9ED96C3EFA9FBD
7	The Paper "A Comparatively Analysis Of Various MANET Based Throughput Enhancement Techniques" International Journal Of Engineering Sciences & Research Engineering Volume 7 Issues 2, February, 05, 2018, (ISSN22779655)
8	The Paper "Genetically Optimized Precoded Alamouti Scheme For Wireless Body Area Networks" International Journal Of Engineering Sciences & Research Technology , Volume 7, Issue 1, January 2018,(ISSN22779655)
9	The Paper "A Review Of Physical Layer Of Mobile Wi-max System And OFDM" International Journal Of Science And Research (IJSR)Volume 7,Issue 12, December 2017,(ISSN 23197064)
10	The Paper "A Review Of OFDM-IDMA Technique And Its Implementation" Published In International Journal Of Science And Research (IJSR), Volume 6, Issues 7,July 2017, (ISSN 23197064)
11	The Paper "Wavelet & Other Thresholding Technique In Digital Image Processing" International Journal Of Science And Research (IJSR) Volume 6 Issue 7, July 2017, (ISSN 23197064)
12	The Paper "A Review Of Cooperative Communication In WBAN Scenario". Published In The Board Of Journal For International Shodh In Engineering And Technology, Volume 2, Issues 2,April 2017
13	The Paper "Enhancement Performance Of VANET Routing Protocols Under Varying Node Density". Published In International Journal Of Science And Research, Volume 6, Issues 3, March 2017(ISSN 23197064)
14	The Paper "A Review Analysis Of AODV And Routing Protocols In VANET", Published In International Journal Of Technology Research And Management, Volume 4, Issues 2, February 2017. (ISSN 23489006)

15	The Paper "A Review On Peak-To-Average Power Ratio Reduction Techniques For OFDM Signals." Submitted For Publication In The International Journal Of Engineering Sciences & Research Technology. Volume 6,Issues 2 February 2017, (ISSN22779655)

ACHIEVEMENTS:

Coordinator in Five days faculty development program on "SENSING BASED IOT & CLOUD COMPUTING under TEQIP – III in April 24 -28 April 2018, a sponsored workshop by RGPV-Bhopal

SEMINARS AND WORKSHOP ATTENDED:

1. Three Days FDP on *Automation in Power Electronics Using Arduino"* Organized by RGPV Bhopal under TEQIP – III at Electrical & Electronics Dept. of Mahakal Institute Of Technology, Ujjain On 23rd to 25th Jan 2020.
2. Three Days STTP on *"Arduino Programming With MATLAB/Simulink Interfacing"* Organized by RGPV Bhopal under TEQIP – III at Electrical & Electronics Dept. of Oriental Institute Of Science & Technology, Bhopal On 14th to16th Feb 2019.
3. National Seminar on *"Recent Trends In Image Processing* (NSRTIP-2017) " organized by Electronics & Communication Dept. of Ujjain Engineering College On 27th March 2017.
4. Two weeks ISTE Workshop on *" CMOS, Mixed Signal And Radio Frequency Vlsi Design"* Conducted by Indian Institute of Technology, Kharagpur . From 30th Jan to 04th Feb, 2017. Under the National Mission on Education through NMEICT. (MHRD)
5. National Seminar on *"Latest Trends In Analytical Instrumentation And Innovative Techniques"* Organized by Govt. Madhav Science PG College, Ujjain On 19$^{th\,to}$ 20th March 2015
6. National Seminar on *"Intellectual Property Rights "* organized under M.P. Council of Science and Technology, Bhopal At A.I.T. UJJAIN On 21th April 2012.
7. National Seminar on *"Emerging Technology for Decision Makers"* organized under M.P.Council of Science and Technology, Bhopal At A.I.T. UJJAIN On 26th March 2011.
8. National Seminar On *"Emerging Technology for Decision Makers"* organized under M.P.Council of Science and Technology, Bhopal At A.I.T. UJJAIN On 26th March 2011.