

CURRICULUM VITAE

1. PERSONAL DETAILS		
(i)	Name	DEEPALI KOTHARI
(ii)	E-mail Address	deepali.kothari20@gmail.com
(iii)	Contact Details	+91-9425906609
(iv)	Qualification	M.E., Ph.D.(pursuing)
(v)	Employee Number	0405014
(vi)	Designation	Assistant Professor
(vii)	Department	Electronics & Telecommunication Engineering
(viii)	Experience	6 years 6 months



2. EDUCATIONAL QUALIFICATIONS				
S. No.	Degree/ Specialization	Year	University/Institute	Division/Percentage/CGPA
(i)	M.E. (EE; DIGITAL TECHNIQUES AND INSTRUMENTATION)	2016	SGSITS, INDORE	FIRST(HONS.)/9.15
(ii)	B.E. (ELECTRONICS AND COMMUNICATION)	2014	RGPV, BHOPAL	FIRST(HONS.)/8.56
(iii)	HIGHER SECONDARY	2010	MPBSE, BHOPAL	FIRST/81.4
(iv)	HIGH SCHOOL	2008	MPBSE, BHOPAL	FIRST/89.4

M.E. Dissertation Title:
Wireless Application for Agricultural Pump

M.E. Projects:
(i) Ambulance Rescue System with Traffic Light Control
(ii) A parking Lot

B.E. Projects:
Major: GSM based Home Security System.
Minor: Stop Watch using LCD Display.

3. PUBLICATIONS	
(i)	Deepali Kothari and ArunParakh, "Android Based System to Control Devices Wirelessly using Bluetooth Link", <i>MAT Journal of Advances in Electrical Devices</i> , Volume 1 Issue 2, pp. 1-12, 2016.
(ii)	Deepali Kothari and ArunParakh, "Application of Wireless Technologies in Agricultural Pumps", <i>IEEE 6th International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC) 2017</i> .
(iii)	Kothari, Deepali and Anjana Jain, and Arun Parakh. "IoT-Based Dynamic Traffic Management and Control for Smart City in India." In <i>Computational Methodologies for Electrical and Electronics Engineers</i> . edited by Singh, Rajiv and Ashutosh Kumar Singh, Ajay Kumar Dwivedi, and P. Nagabhushan, 127-139. Hershey, PA: IGI Global, 2021. http://doi:10.4018/978-1-7998-3327-7.ch010
(iv)	Prakhar Agrawal, Garvi Jain, Saumya Shukla, Shivansh Gupta, Deepali Kothari, Rekha Jain and Neeraj Malviya, "YOLO Algorithm Implementation for Real Time Object Detection and Tracking", <i>2022 IEEE Students Conference on Engineering and Systems (SCES)</i> , July 01-03, 2022, Prayagraj, India.
(v)	Gupta, Ronit, Deepali Kothari, Rekha Jain, and Neeraj Malviya. "Stealth and Safety Surveillance System Using Audio and Video Streaming Through RF Communication." In <i>International Conference on Innovation and Challenges in Engineering Sciences (ICICES) 2023</i> .
(vi)	Bansal, Shraddha, Rolit Trivedi, Siddhant Jain, Anant Dev Shrivastava, Deepali Kothari, and Ashwin Shrivastava. "Multi-Faceted Smart Attendance System Using Facial Recognition Techniques: A Review." In <i>International Conference on Innovation and Challenges in Engineering Sciences (ICICES) 2023</i> .

4. CAREER HISTORY AND PROFILE OF WORK EXPERIENCE	
(a)	Research Experience
	Presently undergoing research in Elex. & TC dept. under the supervision of Dr. (Mrs.) Anjana Jain, Prof. & Head, E&TC Dept. & co-supervision of Dr. Arun Parakh, Prof. & Head, EED.
(b)	Academic/Teaching Experience
	Joined SGSITS, Indore as Assistant Professor on 21 st June 2018 in Electronics & Telecommunication Engineering Department.

5.	List of Conference/Workshops Organized
(i)	Worked as team member in organizing committee for online Lecture series on “ Accreditation: Let’s make it more effective ” on 11 June, 2020 organized by Department of Electrical Engineering and Department of Electronics and Telecommunication Engineering, SGSITS, Indore.
(ii)	Worked as team member in organizing committee for AICTE Sponsored Two Week Faculty Development Programme on “ Recent Advances in Microwave and Communication [RAMC-2019] Covering Concepts to Applications ” from Dec. 03 to Dec. 13, 2019 organized by Department of Electronics and Telecommunication Engineering at SGSITS, Indore.
(iii)	Worked as team member in organizing committee for one week AICTE-ISTE Induction/Refresher Programme on “ Design Development Fabrication and Measurement Techniques for Next Generation Antennas ” [DDFMT-2018] from November 30 to December 6, 2018 at SGSITS, Indore.
(iv)	Worked as faculty head for display of Hardware Projects in “AAYAM 2K17” and displayed project entitled “ Wireless Application for Agricultural Pump ” on 10-11 March, 2017 at SGSITS, Indore.
(v)	Worked as team member in organizing committee for the workshop on “ Design of Medium-Frequency Transformers & Inductors ” conducted on 6-7 March, 2017 at SGSITS, Indore.
6.	List of Workshops/Seminars/Summer/Winter Courses Attended
(i)	Participated in one week workshop ToT and cleared the assessment as Trainer of Machine Learning (ML) Engineer organized jointly by Department of Information Technology, SGSITS, Indore in collaboration with Skill India during March 12-24, 2024.
(ii)	Participated in ATAL Faculty Development Program on “ Design and Development of Academic Institute Nano Satellite with Indian Space Perspective [DDAINS 2023] ” at Shri G. S. Institute of Technology and Science Indore during Feb 13-24, 2023.
(iii)	Participated in one week ATAL Faculty Development Program on “ Recent Trends in Internet of Things ” at Shri G. S. Institute of Technology and Science Indore during September 20-24, 2021.
(iv)	Completed 15 days training in the course “ Data Science Using Python ” organized by The National Small Industries Corporation Ltd. (NSIC) Technical Services Center during June 14-28, 2021.
(v)	Participated in “ Research Scholar’s Conclave 2021 ” organized by COEP in association with SGSITS, Indore and MTU, Imphal during June 15-16, 2021.
(vi)	Participated in one week Faculty Development Program on “ Introduction to Machine Learning and Data Engineering ”, organized by Department of Information Technology, SGSITS, Indore (M.P.) in association with Electronics and ICT Academy PDPM IIITDM Jabalpur (M.P.) during December 20-24, 2019.
(vii)	Attended three days training program on “ MATLAB ” organized at CIDI, SGSITS, Indore in collaboration with DesignTech Systems Ltd. during September 26-28, 2019.
(viii)	Attended three days training program on “ Hands on IoT ” organized jointly by Department of Information Technology and C.I.D.I. in collaboration with Scientech Technologies Pvt. Ltd., Indore during September 6-8, 2019 at C.I.D.I., SGSITS, Indore.
(ix)	Participated in TEQIP Phase III sponsored Two Days Workshop on “ Outcome Based Education and Accreditation for Engineering Programmes ” organized by Department of Computer Engineering, during May 3-4, 2019 SGSITS, Indore.
(x)	Attended two days training program under Center for Remote Sensing and Satellite Technology on “ Image Processing Software ERDAS IMAGINE ” during January 14-15, 2019 at CIDI, SGSITS, Indore.
(xi)	Participated in TEQIP Phase-III sponsored two days workshop on “ Remote Sensing and Satellite Technology ” organized by Centre for Remote Sensing and Satellite Technology(CRSST), SGSITS, Indore during October 17-18, 2018.
(xii)	Attended half day workshop on “ Artificial Intelligence for All ” organized by Department of Information Technology and Department of Electronics and Telecommunication Engineering, under TEQIP-III held on May 17, 2018 at SGSITS, Indore.
(xiii)	Attended Two days workshop on “ Technical Report Writing and Presentation Development Using LaTeX ” during March 23-24, 2018 at SGSITS, Indore.
(xiv)	Attended Three days workshop in Continuing Education Programme (CEP) in “ Information Communication Technologies (ICT): Concepts, Implementations and Prospects ” during March 8-10, 2018 at IIT Indore.
7.	Other relevant Information
	Life membership of The Indian Society for Technical Education (ISTE) with membership number LM 126441 from 2019.

Deepali Kothari
Asst. Prof., E&TC