







A Deepika

Faculty Id	:	78150407-121144
Date of Birth	:	16 May , 1988
Designation	:	Assistant Professor.
Years of Experience	:	Teaching : 4 years
		Industry : 6 months
Email Id	:	adeepika@kgr.ac.in
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Employment Status	:	Full Time - Ratified by JNTUH
Areas of Specialization	:	<ul style="list-style-type: none">• Digital Electronics.• Digital Image Processing• Communication
UG Degree	:	ELECTRONICS & COMMUNICATION ENGINEERING,2009, AIET, GULBARGA
PG Degree	:	DIGITAL ELECTRONICS, 2014, APPA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GULBARGA, KARNATAKA.
UG Subjects Taught	:	<ul style="list-style-type: none">• SWITCHING THEORY AND LOGIC DESIGN• BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING• DIGITAL DESIGN USING VERILOG• ELECTRONIC CIRCUITS• PROBABILITY THEORY AND STOCHASTIC PROCESS• ANTENNA THEORY AND WAVE PROPOGATION• RADAR SYSTEMS
PG subjects Taught	:	CMOS Digital Integrated Circuit Design
Projects handled	:	<ul style="list-style-type: none">• IOT based Bridge monitoring and analysis• Smart E-basket• Gesture Recognition• E Farming• Image Retrieval with data base security• Automatic Vehicle In and Out detection using MATLAB and ARDUINO• Plant Monitoring System

Papers Published:

International Journals/Conference

-  Paper entitled **“Hand Gesture based Interface for Aiding Visually Impaired”**, **Published** in IJCRT journal on Recent Trends In Engineering Education and Significance of Free Open Source Software(NCRTEEFOSS-2016) at National Conference organized by KGR CET.
-  Paper entitled **“Design, Analysis, Implementation and Synthesis of 16 bit Reversible ALU by using Xilinx 12.2”** in Int. Journal of Engineering Research and applications.
-  Paper entitled **“Vehicle Tracking and Fuel Level Identifying Based on Android”** in IJCRT journal on recent trends In Engineering Education and Significance of Free Open Source Software (NCESTFOSS-2017) at National Conference organized by KGR CET.
-  Paper entitled **“Content identification from regular scene pictures: towards a framework for visually impaired people”** in IJCRT journal on recent trends In Engineering Education and Significance of Free Open Source Software (NCESTFOSS-2017) at National Conference organized by KGR CET.

Papers reviewed as Reviewer

Reviewer in Fifth International Conference on Transformations in Engineering Education (ICTIEE-2018).

Workshops attended:

- ☞ Faculty Development Program on EFFECTIVE TEACHING AND LEARNING at KGR CET, held on 14th may to 18th may, 2018.
- ☞ Attended National Conference on Recent Trends In Engineering Education and Significance of Free Open Source Software (NCRTEEFOSS-2017).
- ☞ FDP programme sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB) Ministry of Science & Technology, Govt.of India on Entrepreneurship awareness (2017).
- ☞ Attended National Conference on Recent Trends In Engineering Education and Significance of Free Open Source Software(NCRTEEFOSS-2016)
- ☞ Attended workshop on “Hands on Experience on emerging trends in VLSI” at CMRIT College.

Achievement

- ☞ I won First prize for paper presentation in NCRTEEFOSS-2017 at K G Reddy College of engineering and technology.

Books Published:

None

Research Projects Undertaken:

None