


## FACULTYPROFILE

Name of the Faculty:		<b>K Kalpana</b>					
Designation:		<b>Assistant Professor</b>					
Department:		<b>ECE</b>					
Date of Birth:		<b>22-08-1989</b>					
AICTE- ID:		<b>1-2649003774</b>					
<b>Education</b>		<ul style="list-style-type: none"> <li><b>B.Tech</b> in ECE first class with distinction from Bapatla Engineering College, Bapatla from 2006-2010.</li> <li><b>M.Tech</b> in CESP first class with distinction from Bapatla Engineering College, Bapatla from 2012-2014</li> <li>Pursuing PhD in Semiconductor device modelling VLSI specialization from JNTU Kakinada University</li> </ul>					
<b>Experience</b>		Teaching: 8.2 Years		Industry: NIL		<b>Total: 8.2 Years</b>	
		Research: NIL		Others: NIL			
<b>Research Specialization</b>		Semiconductor device modelling VLSI					
<b>Courses taught</b>		<ol style="list-style-type: none"> <li>1. Linear Integrated Circuits</li> <li>2. Microwave Engineering</li> <li>3. Analog Communications</li> <li>4. Nano science and Nano Technology</li> </ol>					
<b>Research contributions</b>							
<b>International/national peer reviewed journals</b>							
<b>S. No.</b>	<b>Title of paper</b>	<b>Journal</b>	<b>Year</b>	<b>Volume</b>	<b>pages</b>	<b>Indexing (SCI/WoS/SCOPUS, Google scholar)</b>	
	<ul style="list-style-type: none"> <li>Design and Development of Hardware and Firmware for a multifunctional SMD Frequency synthesizer", IJARCCCE International Journal of Advanced Research in Computer and Communication Engineering, VOL.3 No.9, September, 2014</li> </ul>						

**Books published**

S. No.	Title of the book	Publisher	year

**Book chapters Published**

S.No.	Title of the Chapter	Book title	Publisher	year

**Details of Patents (Filed & Granted)**

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted

**Details of Conferences/FDPs/STTPs/webinars/Workshops Organized**

S.No.	Name of the event	Role	Dates
1	Orientation program on "How to plan for future in IT industry."	Coordinator	17-12-2022
2	An awareness program on "Elimination of Violence against Women"	Coordinator	26-11-2022
3	Two day Seminar on Importance of Engineering Education for women in India	Coordinator	24/06/2021 to 25/06/ 2021
4	Two day National Level workshop on "Custom IC design" using Mentor EDA Tools	Coordinator	17-18 April 2018

**Details of Conferences/FDPs/STTPs/webinars/Workshops Participated**

S.No.	Name of the event	Organized by	Dates
1	AICTE Recognized FDP on Outcome Based Curriculum Design	Curriculum Development Centre Department at Bapatla College of Pharmacy, Bapatla	05/09/2022 to 09/09/2022
2	AICTE Recognized FDP on Nanosensors Devices	Applied Science Department at Bapatla College of Pharmacy, Bapatla, Andhra Pradesh	22/08/2022 to 26/08/2022
3	AICTE sponsored STTP on "Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms"	Velagapudi Ramakrishna Siddhartha Engineering College	23/08/2021 to 28/08/2021

4	AICTE – AQIS Sponsored Online STTP on “Sensor Networks, Internet of Things and Internet of Everything	Department of Computer Science and Engineering ST Martin’s Engineering College	03/05/2021 to 08/05/2021
5	Online Workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education”	All India Council for Technical Education(AICTE).	28/07/2020 to 1/08/2020
6	Participated in AICTE Sponsored STTP on “Advances in Wireless Technologies and Telecommunication”	Geethanjali College of Engineering and Technology	17/08/2020 to 22/08/2020
7	FDP on “Research opportunities in Image processing and Machine learning”	CBIT Hyderabad	29/06/2020 to 03/07/2020
8	One Day workshop on SCILAB	RVR&JCCollege of Engineering Conducted by the Teaching Learning Centre (ICT), Supported by FOSSEE Spoken Tutorials, IIT Bombay	4 MAY 2019
9	FDP On “Digital SignalProcessors, Embedded System Design; IOT “	Department of ECE, LBRCE, Mylavaram	11-02-2019 to 15-02-2019
10	FDP on “Pattern Recognition, Machine Learning,ComputerVision Applications using MATLAB with Hands-on Training	Vignan Foundation for Science & Technology, Guntur	07-05-2018 to 11-05-2018

**Awards/recognitions/achievements**

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Prathiba award	Government of Andhrapadesh	2014

Qualified in UGC NET for Assistant Professor in the subject of **ELECTRONIC SCIENCE** on **08-07-2018**

**Details of project proposals submitted/sanctioned/completed**

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/	Amount	Year/ duration
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			<b>Completed</b>		

**Consultancy contribution**

S.No.	Year	Amount	Details
1			

**Student Project/research guidance**

S.No	Level	Total number	
1	UG	Completed: 10	Ongoing: 2
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

**Administrative experience**

S.No.	Role	Duration (From – to)
1	Jnanabhumi Coordinator Final year	2015-16 to 2022-23

**Research credentials**

Index/database	ID/Link
Google Scholar	45ZSqwoAAAAJ&hl
SCOPUS	
Web of Science	
Vidwan ID	324222

**Any other relevant information**

K Kalpana  
21/09/2023