


## FACULTYPROFILE

Name of the Faculty:		Dr. KOMMALAPATI RAJESH				
Designation:		ASSISTANT PROFESSOR				
Department:		ECE				
Date of Birth:		05-05-1989				
AICTE- ID:		1-2954830156				
<b>Education</b>		<ul style="list-style-type: none"> <li>B.Tech in ECE from Rao &amp; Naidu Engineering college in 2010</li> <li>M.Tech in VLSI System Design Specialization from Avanthi Institute of Engineering &amp; Technology in 2013</li> <li>PhD in VLSI specialization from S.V. University 2021</li> </ul>				
<b>Experience</b>		Teaching: 6 Years	Industry: 0 Years	<b>Total: 11 Years</b>		
		Research: 5 Years	Others: 0 Years			
<b>Research Specialization</b>		VLSI				
<b>Courses taught</b>		1. EDC      5. IoT 2. VLSI     6. DICA 3. LICA7.STLD 4. ECA      8. AC & DC				
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	FPGA Implementation of Encryption and Decryption of a Message using optimized Reconfigurable Reversible Gate	IJRTE	2020	Volume-8 Issue-2		SCOPUS
<b>Books published</b>						
S. No.	Title of the book	Publisher	year			
1	-	-	-			
<b>Book chapters Published</b>						
S.No.	Title of the Chapter	Book title	Publisher	year		

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### Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/ granted
1	202241041468	DRIVER ASSISTANCE BY OBJECT DETECTION DURING NIGHT USING DEEP NEURAL NETWORKS	20-07-2022	Published
	202141028054	A SYSTEM AND METHOD FOR PROCESSING RANDOM ACCESS PROCEDURES IN RELAY USING STATE-ACTION-REWARD-STATE-ACTION (SARSA)	22-06-2021	Published

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

S.No.	Name of the event	Role	Dates
1	National innovation day	Coordinator	15-10-2022
2	Entrepreneurship and Innovation” as Career Opportunity	Coordinator	09-11-2022
3	My Story - Motivational Session by Successful Innovators	Coordinator	11-11-2022

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

S.No.	Name of the event	Organized by	Dates
<b>Conferences</b>			
1	3 <sup>rd</sup> international conference on artificial intelligence and signal processing (IEEE)	VIT-AP India.	18-03-2023 To 20-03-2023
2	Third International Conference on Machine Intelligence and Signal Processing (Springer)	NIT Arunachal Pradesh, India.	September 23 <sup>rd</sup> -25 <sup>th</sup> 2021,
<b>FDPs/STTPs/webinars/Workshops</b>			
1	Hands-on Deep Learning Architectures For Data Classification Using Python"	DHANEKULAINSTITUTE OF ENGINEERING & TECHNOLOGY, Ganguru, Vijayawada	26-09-2022 to 01-10-2022
2	“Acharya 4.0 – FDP on Entrepreneurship	Atal incubation center (AIC)- Sri krishnadevarayaunive	September 05 <sup>th</sup> to 07 <sup>th</sup> , 2022

		rsity (SKU), Anantapuramu	
3	Emerging Trends in VLSI Design & Practical Approach	Aditya College ofEngineering, Madanapalle	from June 4th to 9th, 2022 July 2022
4	Nano sensors & Devices	Department of Applied Sciencein national Institute of Technical Teachers Training and Research (NIITTR), Chandigarh.	August22 <sup>nd</sup> to 26 <sup>th</sup> , 2022
5	Active Distribution Networks- Challenges and Solutions	Sree Vidyanikethan Engineering College	June 11 <sup>th</sup> to 15 <sup>th</sup> , 2022 June 2022
6	Contemporary Techniques in Electronics and Communications Engineering	Sree Rama Engineering college, Tirupati	from June20 <sup>th</sup> to 25 <sup>th</sup> , 2022
7	Advanced Technologies & Challenges in Electronics andCommunication Engineering	Gates Institute of Technology- Anantapuramu,	March 8 <sup>th</sup> to 12 <sup>th</sup> , 2022
8	Constructive Technologies in Electronics and Communications	JB Institute of Engineering & Technology (JBIET), Telangana.	November 29 <sup>th</sup> , 2021 to December 4 <sup>th</sup> , 2021
9	Internet of Things (IoT)	Andhra Pradesh State Skill Development (APSSDC), Andhra Pradesh.	August 16 <sup>th</sup> , 2021 to September 4 <sup>th</sup> , 2021
10	ASIC Design for Driving Digital Innovations in Next Gen Platform	the AICTE Training and Learning (ATAL) Academy	August 23 <sup>rd</sup> , 2021 to August 27 <sup>th</sup> , 2021

**Awards/recognitions/achievements**

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	-	-	-

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

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

**Consultancy contribution**

S.No.	Year	Amount	Details
1	-	-	-

**Student Project/research guidance**

<b>S.No</b>	<b>Level</b>	<b>Total number</b>	
1	UG	Completed: 4	Ongoing:1
2	PG	Completed: 0	Ongoing:0
3	PhD	Completed: 0	Ongoing:0

**Administrative experience**

<b>S.No.</b>	<b>Role</b>	<b>Duration (From – to)</b>
1	NAAC C6	A.Y 2022-23
2	Electives	A.Y 2022-23
3	NBA C2	A.Y 2023-24
4	HONORS & MINORS	A.Y 2023-24
5	IIC Cell	A.Y 2022-23

**Research credentials**

<b>Index/database</b>	<b>ID/Link</b>
Google Scholar	<b>HIZA49CAAAAJ</b>
SCOPUS	
Web of Science	
Vidwan ID	<b>324208</b>

**Any other relevant information**

Dr. K Rajesh  
20-09-2023