


## FACULTY PROFILE

Name of the Faculty:	<b>Karuna Medikonda</b>					
Designation:	<b>Asst.Professor</b>					
Department:	<b>Computer Science &amp; Engineering</b>					
Date of Birth:	<b>10-08-1987</b>					
AICTE – ID:	<b>1-2323575283</b>					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Tech in CSE department from R.V.R. &amp; J.C College of Engineering in 2008.</li> <li>M.Tech in CSE Specialization from Bapatla Engineering College in 2012.</li> <li>PhD pursuing in Information Technology and Applications from Andhra University from 2021 onwards.</li> </ul>					
<b>Experience</b>	Teaching: 9 Years	Industry: 0 Years		<b>Total: 9 Years</b>		
	Research: 0 Years	Others: 0 Years				
<b>Research Specialization</b>	<b>Cryptography, Cyber Security, Networks Security, Machine Learning</b>					
<b>Courses taught</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> <li>1. Computer Networks</li> <li>2. Discrete Mathematics &amp; Structures</li> <li>3. Cryptography &amp; Network Security</li> <li>4. Wireless Networks</li> <li>5. Introduction to Cyber Security</li> <li>6. Advanced Cyber Security</li> <li>7. Microprocessors &amp; Micro controllers</li> </ol> </td> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> <li>8. Web Technology</li> <li>9. Python Programming</li> <li>10. Automata theory &amp; Formal Languages</li> <li>11. Digital Logic Design</li> <li>12. Linux Essentials</li> </ol> </td> </tr> </table>				<ol style="list-style-type: none"> <li>1. Computer Networks</li> <li>2. Discrete Mathematics &amp; Structures</li> <li>3. Cryptography &amp; Network Security</li> <li>4. Wireless Networks</li> <li>5. Introduction to Cyber Security</li> <li>6. Advanced Cyber Security</li> <li>7. Microprocessors &amp; Micro controllers</li> </ol>	<ol style="list-style-type: none"> <li>8. Web Technology</li> <li>9. Python Programming</li> <li>10. Automata theory &amp; Formal Languages</li> <li>11. Digital Logic Design</li> <li>12. Linux Essentials</li> </ol>
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<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>
<b>1</b>	<b>NIL</b>					
<b>Books published</b>						
<b>S. No.</b>	<b>Title of the book</b>	<b>Publisher</b>	<b>year</b>			
<b>1</b>	<b>NIL</b>					

### Book chapters Published

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

### Details of Patents (Filed & Granted)

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

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

S.No.	Name of the event	Role	Dates
NIL			

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

S.No.	Name of the event	Organized by	Dates
1	6 Days online FDP on Machine Learning -In practice	Lakkireddy Balireddy College of Engineering in the Department of Information Technology	from 19th June to 24th June, 2023.
2.	5 Days FDP on Innovative Teaching Learning Practices for Preparation of NEP-2020	Department of Artificial Intelligence and Data Science in association with Internal Quality Assurance Cell	from 6th February to 10th February, 2023.
3.	one week online faculty development program on "Recent Trends in Internet of Things (IoT) & Communication Engineering"	Department of Electronics and Communication Engineering, Godavari Institute of Engineering and Technology (Autonomous), Rajamahendravaram.	during 18th to 23rd January, 2023
4.	A Three-Day Online Faculty Development Programme on DATA SCIENCE & ITS APPLICATIONS	Bapatla Engineering College, Department of Cyber Security and Data Science	from 7th August to 9th August, 2023.
5.	FDP on "Cyber security"	Bapatla Engineering College Department of CSE	on 2 <sup>nd</sup> -6 <sup>th</sup> June 2020
6.	webinar on "Cyber Security	Sree Venkateshwara College of	on 17 <sup>th</sup> of September 2020

		Technology.	
7.	webinar on “Application on Deep Learning for computer vision”	APSSDC.	on 21 <sup>st</sup> and 22 <sup>nd</sup> of September 2020
8.	online training programme on Artificial Neural networks .	APSSDC	on 21 <sup>st</sup> - 25 <sup>th</sup> of September 2020
9.	Short-Term Course on “Cyber Security & Forensics”	Goutham Buddha University (Noida) in association with ATAL	on Oct 3 <sup>rd</sup> -7 <sup>th</sup> 2020.
10.	Short-Term Course on IoT	Indian Institute of information technology (kota) in association with ATAL	on Oct 12 <sup>th</sup> -16 <sup>th</sup> 2020.
11.	Online FDP on “Cyber Security”	National Institute of Technology (Sikkim) in association with ATAL	on Dec1 <sup>st</sup> -5 <sup>th</sup> 2020.
12.	Online FDP on “Recent Trends in Machine Learning”	dept. of CSE Bapatla Engineering College	on Dec10 <sup>th</sup> -12 <sup>th</sup> 2020.
13.	Big Data-IoT (Agri Tech Workshop)	World Resources Webinar along with SRM Institute of Science and Technology, India, and EAT - FBiH Engineering Chamber, Bosnia and Herzegovina	26-01-2022.
14.	Online FDP on “Cyber Security”	central university of Kerala in association with ATAL	on Feb 1st-5th 2021

#### Awards/recognition's/achievements

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

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

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

#### Consultancy contribution

S.No.	Year	Amount	Details
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<b>1</b>	<b>NIL</b>
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**Student Project/research guidance**

<b>S.No</b>	<b>Level</b>	<b>Total number</b>	
<b>1</b>	<b>UG</b>	<b>Completed: 12</b>	<b>Ongoing: 0</b>
<b>2</b>	<b>PG</b>	<b>Completed: 2</b>	<b>Ongoing: 0</b>
<b>3</b>	<b>PhD</b>	<b>Completed: NIL</b>	<b>Ongoing: 0</b>

**Administrative experience**

<b>S.No.</b>	<b>Role</b>	<b>Duration (From – to)</b>
<b>1</b>	<b>Time Tables</b>	<b>2020-21</b>
<b>2.</b>	<b>Department Internal Question paper Collection Coordinator</b>	<b>2021-22 on wards</b>
<b>3.</b>	<b>Department Library Incharge</b>	<b>2019-20,2020-21</b>

**Research credentials**

<b>Index/database</b>	<b>ID/Link</b>
Google Scholar	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=FAVhnVwAAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=FAVhnVwAAAAJ</a>
SCOPUS	<b>NIL</b>
Web of Science	<b>NIL</b>
Vidwan ID	<b>NIL</b>

(M.Karuna)  
(21-09-2023)