


## FACULTY PROFILE

Name of the Faculty:		Arun Babu Karumanchi				
Designation:		Assistant Professor				
Department:		Computer Science and Engineering				
Date of Birth:		18-12-1987				
AICTE- ID:	1-717028557					
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Tech in CSE from ANU in 2009</li> <li>M.Tech in CSE Specialization from ANU University in 2011</li> </ul>					
<b>Experience</b>	Teaching:12 Years	Industry:0 Years	<b>Total:12 Years</b>			
	Research:0YEARS	Others:0 Years				
<b>Research Specialization</b>	Cloud Computing, Machine Learning					
<b>Courses taught</b>	<ol style="list-style-type: none"> <li>1. Cloud Programming (Windows Azure)</li> <li>2. Enterprise Programming (.NET Technologies)</li> <li>3. Object Oriented Programming (C# and Java)</li> <li>4. Computer Networks</li> <li>5. Python Programming</li> <li>6. Mobile Application Development</li> <li>7. Artificial Intelligence</li> <li>8. Software Engineering</li> <li>9. Web Technology</li> <li>10. Discrete Mathematical Structures</li> <li>11. Unified Modeling Language</li> <li>12. Data Mining &amp; Data Warehousing</li> <li>13. Data Communication</li> </ol>					
<b>Research contributions</b>						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Traffic Sign Detection Using Machine Learning	International Journal of Emerging Technologies and Innovative Research	2023	10	2349-5162	UGC

2	DDoS Attack Detection Based on Semi Supervised Machine Learning Approach	International Journal of Emerging Technologies and Innovative Research	2023	10	2349-5162	UGC
3	Improved Cloud Storage Using Two Factor For Data Security Protection Mechanism	International Journal of Innovative Engineering & Management Research	2018	6	1968 – 1972.	UGC
4	Novel Approach To Secure Data In Hadoop Distributed File System	International Journal of Innovative Engineering & Management Research	2017	3	2456-5083	UGC
5	Security Requirement ForTrusteddb Server Using Cryptography Techniques	International Journal for Development of Computer Science & Technology	2017	5	2320-7884.	UGC
6	Exploration Of High Quality Bug-Dataset & Domain Specification Using Software Bug-Triaging Methods	International Journal of Advance Research and Latest Trends	2016	8	93-98	Google Scholar
7	Nanopublication servers with Trusty URs to Improve the Identification of the Large Sets of Nanopublications	International Journal of Professional Engineering Studies	2016	6	35-39	Google Scholar
8	A Riskless Prudent Data Transfer in Clouds	International Journal on Recent and Innovation Trends in Computing and Communication	2014	2	2780-2785	Google Scholar
9	Benefits and Barriers of adopting Cloud Computing	International Journal of Modern Sciences and Engineering Technology	2014	1	117-123	Google Scholar

**Books published**

S. No.	Title of the book	Publisher	year
1	-	-	-

**Book chapters Published**

S.No.	Title of the Chapter	Book title	Publisher	year
1	-	-	-	-
2	-	-	-	-

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

S.No.	Name of the event	Role	Dates
1	GOOGLE ANDROID APP DEVELOPMENT WITH KOTLIN	EDUCATOR	AUG 24-27,2022

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

S.No.	Name of the event	Organized by	Dates
1	ONLINE BOOTCAMP-Basics of Android App Development with Kotlin	L4G & GOOGLE	11th June 2022 -16 <sup>th</sup> JUNE 2022
2	One week FDP ON Emerging Research Trends IN Computing Technologies	Dr. M.G.R. Educational and Research Institute, Chennai	28 <sup>TH</sup> TO 2 <sup>ND</sup> DEC 2022
3	National Seminar on Emerging Trends in Intelligent Computing	VIT-AP University, Amaravati	14th March to 18th March 2023
4	One Week FDP on Data Engineering	VNRVJIET, Hyderabad	16th to 20th, August 2022
5	TWO DAY WORKSHOP ON RESEARCH METHODOLOGIES & SCIENTIFIC PUBLISHING	Bapatla Engineering College	28-29 OCT 2022
6	DATA SCIENCE AND IT'S APPLICATIONS WITH PYTHON	E&ICT ACADEMY, NIT WARANGAL	9TH-19TH AUGUST 2021
7	Online(50hrs/15days) Faculty Development Programme On "Data Science & Its Applications In STEM	conducted by Andhra University College Of Engineering (A) & University Engineering College- Vizianagaram, JNTUK, Kakinada in association with	07th to 21st September, 2020

		<b>APSCHE</b>	
<b>8</b>	<b>DATA ANALYTICS &amp; MACHINE LEARNING</b>	<b>AMAL JYOTHI COLLEGE OF ENGINEERING</b>	<b>3-8 AUGUST 2020</b>
<b>9</b>	<b>Faculty Development Program on "DATA SCIENCE CONCEPTS-THEORETICAL AND PRACTICAL APPROACH"</b>	<b>Department of Computer Science and Engineering, Dayananda Sagar University, Bengaluru.</b>	<b>15th to 19th June 2020</b>
<b>10</b>	<b>Faculty Development Program on "Recent Advancements in Artificial Intelligence"</b>	<b>Shri Vishnu Engineering College</b>	<b>23 to 27 June 2020.</b>

**Awards/recognitions/achievements**

<b>S.No.</b>	<b>Name of the Award</b>	<b>Awarding body/Society/Organization</b>	<b>Year</b>
<b>1</b>	<b>GOOGLE CLOUD CERTIFIED CLOUD DIGITAL LEADER</b>	<b>GOOGLE CLOUD</b>	<b>23 DEC 2022-23 DEC 2025</b>
<b>2</b>	<b>GOOGLE CLOUD CERTIFIED ASSOCIATE CLOUD ENGINEER</b>	<b>GOOGLE CLOUD</b>	<b>19 MAY 2023 -19MAY2026</b>

**Student Project/research guidance**

<b>S.No</b>	<b>Level</b>	<b>Total number</b>	
<b>1</b>	<b>UG</b>	<b>Completed: 19</b>	<b>Ongoing: 0</b>
<b>2</b>	<b>PG</b>	<b>Completed: 7</b>	<b>Ongoing: 0</b>
<b>3</b>	<b>PhD</b>	<b>Completed: 0</b>	<b>Ongoing: 0</b>

**Administrative experience**

<b>S.No.</b>	<b>Role</b>	<b>Duration (From – to)</b>
<b>1</b>	<b>EXAMINATION OFFICER</b>	<b>JUNE 2017 to Apr 2019</b>
<b>2</b>	<b>CLASS COORDINATOR</b>	<b>JUNE 2013 to Apr 2018</b>
<b>3</b>	<b>ALUMNI COORDINATOR</b>	<b>JUNE 2013 to APR2021</b>
<b>4</b>	<b>ADMISSION COMMITTEE MEMBER</b>	<b>JUNE 2019 to APR2020</b>
<b>5</b>	<b>CANTEN COMMITTEE MEMBER</b>	<b>JUNE 2021 to APR 2022</b>

**Research credentials**

<b>Index/database</b>	<b>ID/Link</b>
<b>Google Scholar</b>	<b>-</b>

SCOPUS	-
Web of Science	-
Vidwan ID	-

**Any other relevant information**

1. Acted as a COORDINATOR for the CERTIFICATION PROGRAM on “GOOGLE CLOUD DIGITAL LEADER” Conducted by L4G & GOOGLE CLOUD, 14THNOV-31<sup>ST</sup> DEC2022.
2. Acted as a COORDINATOR for the CERTIFICATION PROGRAM on “GOOGLE CLOUD ASSOCIATE CLOUD ENGINEER” Conducted by L4G & GOOGLE CLOUD, 6THMARCH-30TH APRIL 2023.
3. Acted as a COORDINATOR for the CERTIFICATION PROGRAM on “GOOGLE CLOUD ASSOCIATE CLOUD ENGINEER” Conducted by L4G & GOOGLE CLOUD, 15THMAY-31ST JULY-2023.

(Arun Babu Karumanchi)  
(16/09/2023)