


## **FACULTY PROFILE**

Name of the Faculty:		<b>A V Krishnarao Padyala</b>		
Designation:		<b>Assistant Professor</b>		
Department:		<b>Information Technology</b>		
Date of Birth:		<b>20<sup>th</sup> June, 1985.</b>		
AICTE- ID:		1-425492321		
<b>Education</b>	<ul style="list-style-type: none"> <li>• B.Tech in Information Technology from NIET, affiliated to Jawaharlal Nehru Technological University-Hyderabad in 2006.</li> <li>• M.Tech in Computer Science &amp; Engineering from Bapatla Engineering College, Affiliated to Acharya Nagarjuna University in 2009.</li> <li>• Pursuing Ph.D. in Computer Science &amp; Engineering (Cloud Computing &amp; Medical Image Processing) from SRM University, Sonepat, Delhi- NCR.</li> </ul>			
<b>Experience</b>	Teaching: 15 Years	Industry: ____ Years	<b>Total: 15 Years</b>	
	Research: ____ Years	Others: ____ Years		
<b>Research Specialization</b>		Cloud Computing and Medical Image Processing		
<b>Courses Taught</b>	<ol style="list-style-type: none"> <li>1. Cloud Computing (AWS)</li> <li>2. Mobile Application Development (Java &amp; Android Studio)</li> <li>3. Full Stack Development (MERN Stack)</li> <li>4. Introduction to Computer Animation</li> <li>5. Advanced Computer Animation</li> <li>6. Introduction to Game Development</li> <li>7. Advanced Game Development</li> <li>8. Database Management Systems</li> <li>9. Datawarehouse and Data Mining</li> <li>10. Advanced Data Analytics</li> <li>11. Enterprise Programming</li> <li>12. Cloud Computing (Azure)</li> <li>13. .Net Technologies</li> <li>14. Web Technologies</li> <li>15. Data Structures.</li> <li>16. Java Programming</li> <li>17. Software Engineering</li> <li>18. Object Oriented Analysis and Design</li> <li>19. Problem Solving through Programming</li> <li>20. Automata Theory and Formal Languages.</li> <li>21. Advanced Computer Architecture.</li> </ol>			

## Research contributions

### International/national peer-reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	MRI and CT scan-based Volume Rendering with Python	Mathematical Statistician & Engineering Applications	2023	Volume. 72(2)	42-52	Google Scholar
2	Volumetric Data Rendering on Mobile with Raycasting	International Journal for Modern Trends in Science and Technology	2020	Volume 6(8)	63-69	Google Scholar
3	A new approach to increase LZW algorithm compression ratio	International Journal of Engineering Applied Sciences and Technology	2020	Volume 4, Issue 10	141-144	Google Scholar
4	4D Dynamic Volume Rendering using Raycasting	International Journals of Advanced Research in Computer Science and Software Engineering	2018	Volume 8, Issue 10		Google Scholar
5	Face Recognition Using Eigenfaces and Distance Classifiers	International Journal Of Engineering And Computer Science	2015	Volume 4, Issue 4	11597-11601	Google Scholar

### Details of Conferences/FDPs/STTPs/webinars/WorkshopsOrganized

S.No.	Name of the event	Role	Dates
1	UiPath RPA Workshop	Co- Convener	19 <sup>th</sup> to 23 <sup>rd</sup> September, 2023.
2	A 3-day workshop on Computer Animation	Co- Convener	27 <sup>th</sup> to 29 <sup>th</sup> February, 2020.

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

<b>S.No.</b>	<b>Name of the event</b>	<b>Organized by</b>	<b>Dates</b>
1	7 Day National Level Online Faculty Development Program on ChatGPT & AI Tools for Educators, in-line with OBE on ChatGPT & AI Tools for Educators	St Joseph's College (Autonomous), Irinjalakuda in association with The Kerala State Higher Education Council	19-07-2023 to 26-07-2023
2	Three Day Online Faculty Development Program on "Data Science and Its Applications"	Department of Cyber Security and Data Science, Bapatla Engineering College	07-08-2023 to 09-08-2023
3	National Level Online Workshop "Full Stack Web Application Development"	Department of Information Technology, R.V.R. & J.C. COLLEGE OF ENGINEERING	22-09-2023 to 23-09-2023
4	2 Day FDP on scientific contribution of Academic Institutions in development of IPR	R & D Cell, Bapatla Engineering College	9-10-2023 to 10-10-2023
5	NPTEL-AICTE Faculty development Programme	IIT Madras, NPTEL Course (DBMS), Funded by MoE, Govt. of India,	8 Weeks (July-September, 2023)
6	Five Day Online Faculty Development Program (FDP) on Advanced Natural Language Processing	Department of Computer Science and Engineering, Bapatla Engineering College	03-10-2023 to 10-10-2023
7	AICTE Sponsered ATAL FDP on "AI Tools for Educators in line with OBE"	IQAC, Bapatla Engineering College	20-11-2023 to 26-11-2023

**Research credentials**

<b>Index/database</b>	<b>ID/Link</b>
Google Scholar	d6l1Vm4AAAA
SCOPUS	
Web of Science	HHZ-2117-2022
Vidwan ID	323994

**Any other relevant information**