


## **FACULTY PROFILE**

Name of the Faculty:		<b>N Srinivasa Rao</b>				
Designation:		Assistant Professor				
Department:		Information Technology				
Date of Birth:		<b>05-06-84</b>				
AICTE- ID:		1-425600619				
<b>Education</b>		<ul style="list-style-type: none"> <li>B.Tech in CSE from Newton's Institute of Technology, JNTU Kukatpally in 2006</li> <li>M.Tech in CS-IS Specialization from NIT Calicut, Kerala in 2007</li> <li>Pursuing PhD in CSE specialization from University of Technology, Jaipur</li> </ul>				
<b>Experience</b>		Teaching: 14.11 Years		Industry: Nil		<b>Total: 14.11 Years</b>
		Research: Nil		Others: NIL		
<b>Research Specialization</b>			<b>Data Compression</b>			
<b>Courses taught</b>		<ol style="list-style-type: none"> <li>1. MPMC</li> <li>2. Design and Analysis of Algorithms</li> <li>3. OOAD</li> <li>4. UNIX Programming</li> <li>5. Advanced Cyber Security</li> <li>6. Software Engineering</li> <li>7. Advanced Unix Programming</li> <li>8. E-Commerce</li> <li>9. System software</li> <li>10. Programming for Problem Solving</li> <li>11. Constitution of India</li> <li>12. Professional Ethics and Human Values</li> <li>13. Essential of Indian Tradition Knowledge</li> <li>14. Storage Area Networks</li> <li>15. Software Design Patterns</li> <li>16. Software Testing Methodologies</li> </ol>				
<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	Rapid Text Retrieval and Analysis Supporting Latent Dirichlet Allocation Based on Probabilistic Models	Hindawi Mobile information Systems	2022	2022	12	Scopus
2	Two phase text data compression using LZW approach with dynamic bit reduction	IJMTST	2022	8	43-46	UGC
3	Efficient Basic Access Control Policy Framework for Electronic Digital Certificates Using XACML	BULLETIN MONUMENTAL	2021	22	178-184	WOS
4	LZW Text Data Compression Hybrid Algorithm	PENSEE	2021	51	112-115	Scopus
5	A Different Approach for Using LZW Dictionary Codes to Increase the Text Compression Ratio	IJMTST	2020	6	13-16	Google Scholar
6	A NEW APPROACH TO INCREASE LZW ALGORITHM COMPRESSION RATIO	IJEAST	2020	4	141-144	Google Scholar
7	Volumetric Data Rendering on mobile with Raycasting	IJMTST	2020	6	63-69	Google Scholar
8	AN EFFICIENT METHOD TO REDUCE LZW ALGORITHM OUPUT CODE LENGTH	IJMTST	2020	4	302-304	Google Scholar
9	4D Dynamic Volume Rendering using Raycasting	IJARCSSE	2018	8	27-34	Google Scholar
10	Trusted Hardware DB with Privacy and Data Confidentiality	IJMTST	2018	4	130-134	Google Scholar

#### Books Published

S. No.	Title of the book	Publisher	Year
1	Cyber Security	Jayalakshmi Publications	2020

#### Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	Year
1				

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

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/Granted
1	202041026386	Smart Face Shield	23-06-2020	Granted
2	6316748	AI Based Plant Extract Analyzing Device to Identify Disease	04-10-2023	Granted

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

S. No.	Name of the event	Role	Dates
1	Present SDLC in Industries	Organizer	

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

S.No.	Name of the event	Organized by	Dates
1	FDP on Cyber Security & Privacy	NPTEL	Jul-Oct' 2024
	International FDP on Ethical Issues in Research Writing.	RECRT & UOT Jaipur, Rajasthan	11-09-24 to 16-09-24
2	FDP on Programming through Programming in C	NPTEL	Jul-Oct' 2023
3	IP Awareness / Training Program	NIPAM, Intellectual Property Office, India	13-09-2023
2	One week FDP on Artificial Intelligence and its Applications	Dept. of CSE, CIET, Lam, Guntur	03-07-23 to 08-07-23
3	Impact of Information Technology in Diverse Domains	PG Dept. of IT& BCA DDGDV College	17-07-23 to 24-07-23
	FDP on Software Testing	NPTEL	Jan-Oct' 2023
4	One week FDP on Amazon Web Services	Dept. of CSE, GMRIT, Rajam, CSI & AICTE	22-08-22 to 27-08-22
5	Cyber Security	TCS	10-08-22 to 12-08-22
6	"Outcome Based Education and Examination Reforms" (OBE & ER - 2022)	IQAC, BEC, Bapatla	03-08-22 to 05-08-22
7	Two phase text data compression using LZW approach with dynamic bit reduction	International Conference, CIET, Lam	28-06-2022
8	One week FDP on Data Analytics tools and Visualization	Dept. of CSE, CIET, Lam, Guntur	16-08-21 to 21-08-21
9	Online FDP Security in Distributed and Networking Systems	E&ICT & RVRJC, Guntur	11-11-21 to 20-11-21
10	2 Day Workshop on IOT	Dept. of CSE, CIET, Lam, Guntur	02-07-21 to 03-07-21
11	2 Day Webinar on Quality Improvement via Accreditation and Ranking	IQAC, BEC, Bapatla	28-06-21 to 29-06-21
12	A Different Approach for Using LZW	National Conference,	28-08-20 to 29-08-20

	Dictionary Codes to Increase the Text Compression Ratio	CIET, Lam	
--	---	-----------	--

**Awards/recognitions/achievements**

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Department Best Teacher	Bapatla Education Society	2019

**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**

S.No	Level	Total number	
1	UG	Completed: 20	Ongoing: -
2	PG	Completed: -	Ongoing: -
3	PhD	Completed: -	Ongoing: -

**Administrative experience**

S.No.	Role	Duration (From – to)
1	Class Teacher	15-07-2022- to 20-11-2022
2	Student Achievements	10-03-2019 to till date
3	Feedback Analysis	03-04-2023 to till date
4	News letter in-charge	05-10-2021 to till date
5	Google Sheets Organizing	03-07-2016 to till date
6	Member of Sports Committee	01-07-2019 to till date
7	Member of Publicity committee of Bectagon 2K23	05-01-2023 to 14-03-2023

**Research credentials**

Index/database	ID/Link
Google Scholar	<a href="https://scholar.google.com/citations?user=pK_FARIAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=pK_FARIAAAAJ&amp;hl=en</a>
SCOPUS	
Web of Science	
Vidwan ID	
<p style="text-align: center;"><b>Any other relevant information</b></p> <p>1. As a Resource Person attended one day (04/01/2022) participation and made an online presentation on Computer Training (MS Office, Excel, PPT and Gmail etec.) in the 2.5 Months program conducted by APHRDI for Senior &amp; Junior Auditors &amp; Typists (124 Participations) of Audit Department of Government of Andhra Pradesh and The presentation is well received as evidenced by the very good feedback from the participants.</p> <p>2. APHRDI invited to participate as a Resource Person to conduct 2 sessions on "Microsoft Excel for report generating" on Thursday, the 15th Nov.,2018 at Bapatla in a 3 days workshop a Three Day Programme on " IT for effective Office Management" in association with DoPT in the ITP of Direct Recruits of Finance and GAD departments at its Campus, Bapatla for 8 weeks starting on 12 November, 2018. About 50 newly recruited Section Officers &amp; Asst. Section Officers will be part of the programme.</p> <p style="text-align: right;">(Srinivasa Rao N)</p>	