


FACULTYPROFILE

Name of the Faculty:		N Srinivasa Rao		
Designation:		Assistant Professor		
Department:		Information Technology		
Date of Birth:		05-06-84		
AICTE- ID:		1-425600619		
Education		<ul style="list-style-type: none"> B.Tech in CSE from Newton's Institute of Technology, JNTU Kukatpally in 2006 M.Tech in CS-IS Specialization from NIT Calicut, Kerala in 2007 Pursuing PhD in CSE specialization from University of Technology, Jaipur 		
Experience		Teaching: 13.9 Years	Industry: Nil	Total: 13.5Years
		Research: Nil	Others: NIL	
Research Specialization		Data Compression		
Courses taught		<ol style="list-style-type: none"> 1. MPMC 2. Design and Analysis of Algorithms 3. OOAD 4. UNIX Programming 5. Advanced Cyber Security 6. Software Engineering 7. Advanced Unix Programming 8. E-Commerce 9. System software 10. Programming for Problem Solving 11. Constitution of India 12. Professional Ethics and Human Values 13. Essential of Indian Tradition Knowledge 14. Storage Area Networks 15. Software Design Patterns 16. Software Testing Methodologies 		
Research contributions				
International/national peer reviewed journals				

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

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	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
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 Dictionary Codes to Increase the Text Compression Ratio	National Conference, CIET, Lam	28-08-20 to 29-08-20

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	https://scholar.google.com/citations?user=pK_FARIAAAAJ&hl=en
SCOPUS	
Web of Science	
Vidwan ID	

Any other relevant information

(Srinivasa Rao N)
(28-12-23)