

BIODATA

G.Sankara Rao
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Present Position :

Working as Asst.Professor in CSE Department, Gayathri Vidya Parishad College of Engineering for Womeen, Madhurawada,Visakhapatnam since **31-DEC-2012 to till date.**

Achievements:

- 1.Qualified In APSET-2013.
- 2.**Ratified** by JNTUK in Year-**2016 from GVPW** College of Engg.
- 3.**Ratified** by JNTUK in Year-**2011** from VITAM College of Engg.
- 4.Enrolled for Ph.D(CSE)at JNTU Kakinada.

Educational Qualifications :

Degree	Discipline	Institution/University	Year of Passing	% Of Marks
Ph.D	CSE	JNTUK	Pursuing	-
M.Tech	CST	Andhra University(A), Visakhapatnam.	2008-2010	7.95 / 10 cgpa
B.Tech	CST	Vitam College of Engineering, Visakhapatnam, / J.N.T.U.K	2001-2005	69.3 %
Inter	M.P.C	Board of Intermediate,A.P.	1999-2001	84.4%
S.S.C	-	S.S.C.Board	1999	73.83%

Teaching Experience :

PERIOD	POSITION	ORGANISATION	Experience
31 Dec 2012 To Till date	Working as Assistant Professor (Computer Science & Engg.)	GVP College of Engg for Women, Madhurawada Visakhapatnam.	10 Years +
July 2005 To Dec 2012	Worked as Assistant Professor (Computer Science & Engg.)	Vitam College Of Engg, Visakhapatnam	6.5 Years +

Ph.D Topic: Networks security

Subjects Taught :

Cryptograpy Network Security,
Design Analysis Algorithms ,
Computer Networks
Web Application Development Technologies ,
OOPS Through C++
Compiler Desgin

Workshops /FDP Attended:

Title	Venue	Year
FDP on Current Trends in AIML	JNTUGV	6-Feb-2323 To 10-Feb-2023
Workshop on Cryptology and Cyber Security	GVPCEW	22-03-2018 to 24-03-2018
Biological Inspired Computing & Applications	GVPCEW	09-03-2018 to 11-03-2018
FDP on Analytics using R	GVPCEW	13-11-2017 to 17-11-2017
Java Fundamentals and Programming by Oracle Academy 1-week workshop	GVP(A),VSP	19-Feb-2016 to 25-Feb-2016
BigData & Hadoop Workshop	GVPCEW	26-28 Feb 2016
Security and privacy Workshop	GVPCE(A),VSP	26-31 July 2016
Database Management Systems 2 week ISTE workshop conducted by IIT Mumbai	Sankethika College,VSP	21-May-2013 to 31-May-2013
Workshop on NS2	Lendi college,VSP	27-Dec-2013 to 31-Dec-2013
Mission 10X workshop on " High impact Teaching skills "	Viznan College,VSP	31-May-2010 to 01-Jun-2010
Workshop on OBE for employability	Vits College,VSP.	08-June-2013

Paper Publications:

1)"Data security with colors using RSA" by **G.Sankara rao** in Int. Journal of Engineering Research and Applications ISSN:2248-9622,Vol.4,Issue 9(Version 3), Year September 2014, pages.95-99

.2)."Application Layer Multicasting Overlay Protocol– NARADA Protocol" By **G.Sankara Rao**, in Global Journal of Computer Science and Technology : Volume 14 Issue 6 Version 1.0 ,Year 2014 Type: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA),Online ISSN: 0975 -4172 & Print ISSN: 0975-4350

3)."Performance analysis of manet routing protocols - DSDV,DSR,AODV,AOMDV using ns2" by**G.Shankara rao** in Global Journal of Computer Science and Technology , Volume-15 , issue-6 ,Year september 2015 ,ype: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA) online ISSN 0975-4172

- 4). "A Brief Study on Defining Templates to Avoid XSS Vulnerabilities Using Auto Escape Templates for Web Applications" by **G.Sankara Rao** in international journal of computer science & information technologies volume-6 issue-5 ,Year september 2015, Pages : 4171-4173
- 5) Analysis of Performance of a Novel Visual Authentication Protocol over Various Attacks ISSN:2278-3814 Published by **G.Sankara rao** in JCT Journals: Volume 5, Issue 5 May 2016 , , Ref. No.: JCT/16/05/05/10 <http://www.advanceresearchlibrary.com/vol5jct5.aspx>
- 6) Multicast Security Using RSA for Inter Cluster Communication with Rekeying in MANET by **G. Sankara Rao** et al, / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol.7 (4),2016, 2113- 2118
<https://pdfs.semanticscholar.org/2697/3000b223146580ccfe46b34042cba2b45e82.pdf7>
- 7) G. S. Rao, M. Harshitha, V. R. Joshitha, S. S. Sravya and M. V. Priya, "DoS Attack Detection in Wireless Sensor Networks (WSN) Using Hybrid Machine Learning Model," 2023 10th International Conference on Signal Processing and Integrated Networks (SPIN), Noida, India, 2023, pp. 384-388, doi: 10.1109/SPIN57001.2023.10117098 <https://ieeexplore.ieee.org/abstract/document/10117098>

Certifications (NPTEL/Coursera/Edx) etc

Name	Issuing Authority
NPTEL online Certification on “ Programming in Java ”	(Funded by the Ministry of HRD, Govt. of India) Course Id: noc19-cs07 Course Name: Programming in Java Institute: IIT Kharagpur Duration: 12 Weeks Score: 87% (Elite+Silver)

Membership in professional bodies:

- Member in ACM (Association for Computing Machinery) earlier. Not Now.

Academic Duties :

- **Acted as an Class Teacher, Student counsellor..NBA,NAAC criteria member**

	FDP on “Applications of Image Processing And Machine Learning	22-06-2020	26-06-2020	5	Online	GVPCEW
FDPs attended	Online FDP Session on Personal Financial Management	20-05-2020	20-05-2020	1	Online	ICT Academy
	5day workshop on Fightcovid using iot	06-07-2020	10-07-2020	5	Online	GVPCEW
	FDP on CyberSecurity	22-07-2020	26-07-2020	5	Online	CyberSpy GEC college
	OneWeek Workshop on Blended E-Learning	06-07-2020	10-07-2020	5	Online	JNTUCEV-VZM
	Innovations in Teaching -Learning,Global Perspective	14-07-2020	16-07-2020	5	Online	AJCE,Kerala
	FDP on CyberSecurity & Cryptography	07-10-	11-10-	5	Online	EICT-IIT ROORKEE

		2020	2020			
	One week FDP on Cyber Security	11-06-2020	16-06-2020	5	Online	JNTUCEV-VZM
Certification Courses	PythonBootCamp Online Certification Course	18-05-2020	18-05-2020	1	Online	Udemy
	5 Day Online Certification Program on Artificial Intelligence	11-05-2020	16-05-2020	5	Online	ApplyVolt Technologies
Webinars	Online Webinar on “Cryptography and Network Security	04-06-2020	04-06-2020	1	Online	GVPCEW
	Webinar-Series-1 “Introduction to Data Science”	12-06-2020	12-06-2020	1	Online	GVPCEW
	Webinar on Faculty Development Program on “Outcome Based Education Software”	17-06-2020	17-06-2020	1	Online	VMEdulife
	Webinar-Series-2 “Basics of Machine Learning	20-06-2020	20-06-2020	1	Online	GVPCEW
	Webinar-Series-2 “Machine Learning Algorithms	27-06-2020	27-06-2020	1	Online	GVPCEW
	National Webinar on How to write Research paper	08-08-2020	08-08-2020	1	Online	VITS-NARAVA
	Webinar on CyberThreats and Databreaches	29-08-2020	29-08-2020	1	Online	SRKR Engg College,Bhimavaram
	Participated in Technical Quiz conducted by Loyola college	06-10-2020	06-10-2020	1	Online	Andhra LOYOLA college
	Deep Learning withtensor,keras-application approach	03-07-2020	03-07-2020	1	Online	Pantech

Personal Profile:

- Father’s Name : G.SambaMurthy
- Date of Birth : 04-05-1984
- Nationality : Indian Hindu
- Languages known: English, Telugu.
- Location : Visakhapatnam

Declaration: I hereby declare that the information given above is true to the best of my knowledge. I will make it my endeavor to discharge completely and carefully the duties you may be pleased to entrust with me.

(G. Sankara Rao)