

Name: Surya Pavan Kumar Gudla

Employee ID: A5CSE00T67

Designation: Asst.Professor

Department: CSE

Date of Birth:02-08-1980

Father Name: G.GovindaRajulu(Late)

Mother Name: G.Aruna

Reservation Category if Any OC

Address: D-block, AITAM Tekkali.-532201

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Date of Joining in the Institution: 05-05-2011

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
(Ph.D.)	B.P.U.T	Pursing	2020 Enrolled
M. Tech (CSE)	JNTUK, Kakinada	FIRST class with distinction	2013
MCA	JNTUK, Kakinada	FIRST class with distinction	2010
B.Sc	AU, Vishakapatnam	FIRST class	2000

Total Years of Experience (Teaching/Industry): 11Years 02 months 6days

Period		Organization/Institution/Industry	Designation
Jan 2011	Till Date	AITAM, Tekkali	Asst.Professor

Areas of Interest:

1. Fog Computing
2. Deep Learning



**Subjects handled: Mathematical Foundations of computer Science
UNIX , UML
Principles of Programming Language
Software Testing and Project Management
Software Project Management
Computer Networks
Cyber Laws**

Guidance of Academic Projects:

- i) Doctoral Projects : --
- ii) Masters Projects : 08
- iii) Bachelor Projects : 07(32 students)

Details of Publications:

International Journal:

1. Title: "A Deep Intelligent Attack Detection Framework for Fog-Based IoT Systems." Computational Intelligence and Neuroscience." Computational Intelligence and Neuroscience 2022 (2022) (Q1-SCIE).
2. Title: "DI-ADS: A Deep Intelligent Distributed Denial of Service Attack Detection Scheme for Fog-Based IoT Applications." Mathematical Problems in Engineering 2022 (2022) (Q2-SCIE).
3. Title: "MLP Deep Learning-based DDoS Attack Detection Framework for Fog Computing." Advances in Distributed Computing and Machine Learning. Springer, Singapore, 2022. 25-34. (Q3-SCOPUS)
4. Title: "A Comparative Analysis on Hand Gesture Recognition using Deep Learning." Published in International Journal for Research in Applied Science & Engineering Technology (IJRASET)- Vol.8, Issue VI, June 2020.
5. Title: "May-2019_IJRACSE_A Study on Congestion Control Algorithms and Queuing Models in Computer Networks (IJRACSE)- Vol.4, Issue 12, May 2019.

6. Title: “Regulating Network Congestion using Token Based Method with no packet loss at Congested link” (IJMETMR)- Volume:5 Issue No:5-May 2018.
7. Title: “Secure Key Generation and Transmission Protocol in Wireless Sensor Networks.” Published in International Journal of Computer Organization & Trends (IJCOT)- Volume 33 Number 1 July 2016
8. Title: “Scheming various Architectural designs to improve Efficiency, Scalability and Fault-tolerant in distributed Computing.” Published in International Journal & Magazine of Engineering, Technology, Management and Research (IJMETMR)- Volume No: 3 Issue No: 4- April 2016.
9. Title: “An overview of Trust and Reputation in Multi agent system in Disparate Environments.” Published in International Journal of Emerging Technology and advanced engineering (IJETAE)- Volume 5 Issue 3-March 2015.
10. **Title (M.Tech Project)** : “Enhancing the Integrity of Short Message Service (SMS) in New Generation Mobile Devices.” Published in International Journal of Computer Science Issues(IJCSI)- Vol.10, Issue 6, No 2, November 2013.

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1.	21 st to 25 th Nov-2022	MATLAB - Artificial Intelligence and Optimisation Techniques	AITAM, Organized by NITTR- Chandigarh-AICTE
2.	24 th to 30 th Sept-2022	Machine Learning and Soft Computing Apppproachesfor Real-time Applications.	AITAM, Organized by E & ICT Academy NIT Warangal.
3.	15 th Sept-2020	National Education Policy-2020	AITAM, Tekkali
4.	05 th Sept-2020	Challenges in good learning and Assessment-post covid-19	AITAM, Tekkali
5.	16 th to 20 th June2020	One Week Online Faculty Development Program on “Intelligent Computing in Data Science” (ICDS-2020)	AITAM, Tekkali
6.	4 th to 8 th nov2019	Deep Learning using Python Programming	AITAM, Organized by E & ICT

			Academy IIT Guwahati
7.	13 th to 14 th July 2019	A Two Day Workshop on Outcome Based Education	AITAM, Tekkali
8.	20 th to 25 th Oct' 16	Attended Workshop on Analytics with R	AITAM, Tekkali
9.	09 th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
10.	15 th – 16 th Dec, 2014	Software Engineering and Allied Tools in Association with IUCEE, under TEQIP Phase-II	AITAM, Tekkali
11.	15 th & 16 th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
11.	19 th Jan, 2013	One Day Workshop on Outcome Based Education in compliance with NBA Accrediation	AITAM, Tekkali
12.	23 rd Apr, 2012	“Effective Teaching and Learning Methods” by MISSION 10X AARAMBHA by WIPRO	AITAM, Tekkali

External:

S. No.	Dates	Name of The Programme	Host Institution
1.	Jul-Oct 2022	Software Testing	IIT-Madras (NPTEL-AICTE)
2.	27 th -29 th Oct-2022	International Conference on Computing, Communication and Learning	CoCoLe-2022 NIT-Warangal
3.	7 th -13 th April-2022	2 nd One Week workshop on Technical Writing Using LaTeX (Online)	VIT-AP
3.	Feb-March 2022	Outcome Based Pedagogic Principles for Effective Teaching	IIT – Kharagpur (NPTEL-AICTE)
4.	15-16 th Jan 2022	Third International conference on Advances in distributed Computing and Machine Learning	3 rd ICADCML-2022 NIT- Warangal
5.	Sept-Dec 2020	Introduction to Industry 4.0	IIT Madras(NPTEL-

		and Internet of things	AICTE)
6.	07 th -08 th Nov-2020	Webinar on Advanced Machine Applications	PMEC (Govt.) Berhampur & Region –IV CSI
7.	30 th Sept-2020	Webinar on Diabetes Prediction Using Machine Learning	Region –IV CSI
8.	27 th Sept-2020	Webinar on Cyber Physical System for Smart Applications	Region –IV CSI
9.	23 rd to 27 th June 2020	5-day National level Webinar on Advanced Computer Science Technologies	Bharat Institute of Engineering and Technology- HYDERABAD
10.	08 th June-2020	Webinar on Big Data vs Data Analytics vs Data Science	Narsaraopeta Engineering College- NASAROPETA
11.	20 th May 2020	Online Faculty Program on “NBA”	Bharati Vidyapeeth College of Engineering-NAVI MUMABI
12.	20 th to 25 th May 2020	Online Faculty Awareness Program on “ Research Methodology ”	Shri Chhatrapati Shivajiraje College of Engineering- PUNE
13.	22 nd to 26 th May 2020	Online Faculty Development Program on “ Data structures ”	Vignan’s Institute of Engineering for Women- VISAKHAPATNAM
14.	25 th to 29 th May 2020	Online Faculty Development Program on “ Artificial Intelligence ”	Velammal Engineering College- CHENNAI
15.	27 th to 29 th May 2020	Online Faculty Development Program on “ IoT with Artificial Intelligence ”	SIR C.R Reddy College of Engineering- ELURU
16.	28 th May 2020	Online Faculty Development Program on “ Outcome Based Education Software ”	vmedulife
17.	3 rd Feb- 7 th Feb2020	PREDICTIVE ANALYTIC-BASED CYBER-PHYSICAL SYSTEMS FOR SMART GRID (BPUT Sponsored STTP Under TEQIP-III)	National Institute of science and Technology- Berhampur-Odisha- 761008
18.	Jan-Apr 2019	Programming in Java	NPTEL-AICTE
19.	19 th to 24 th Sep’16	workshop on Data	GVP, VSKP

		Warehousing and Business Intelligence	
20.	19 th to 21 st Jan ,2012	Parallel Genetic Approach to Network Shortest Path	Conference SV University Tirupathi

Details of Patents Published:

Patent Title: MDE- Symbolic Calculations: Method for Live Symbolic -Calculations in a Math Document intelligent Editor.

Application No:202141003232 A Publication Date: 29/01/2021

Authors: Dr Santhi Kumar Rajamahanthi, Dr Agatamudi Lakshmana Rao, Mr. Surya Pavan Kumar Gudla, Mr. Suryanarayana P.S.Kornu, Mr. Talabaktula S Viswanadham, Mr. Bonu Venkata Rao.

Certifications:

1. Got certified with Elite (88%) from NPTEL online certification course (08 Weeks) on “Database Management System” conducted by IIT, Kharagpur in Feb-Mar 2018.
2. Got certified with Elite (84%) from NPTEL online certification course (12 Weeks) on “Programming in Java” conducted by IIT, Kharagpur in Jan-Apr 2019.
3. Got certified with percentage (97%) from NPTEL online certification course (12 Weeks) on “Internet of Things” conducted by IIT, Kharagpur in Jan-Apr 2020.
4. Got certified from Coursera online certification for Programming for Everybody (Getting started with Python) 23rd April 2020.
5. Got certified from Coursera online certification on Generate Synthetic Images with DCGANs in Keras 24th April 2020.
6. Got certified from Coursera online certification on AI For Everyone 24th April 2020.
7. Got certified from Coursera online certification on Linear Regression with NumPy and Python 4th May 2020.
8. Got certified from Coursera online certification on Python Data Structures 4th May 2020.
9. Got certified from Coursera online certification on Advanced Features with Relational Database Tables Using SQLiteStudio 2nd June 2020.
10. Got certified from Coursera online certification on Introduction to Project Management 2nd June 2020.
11. Got certified with Elite (81%) from NPTEL online certification course (12 Weeks) on “Industrial IoT 4.0” conducted by IIT, Kharagpur in Sept-Dec 2020.

12. Got certified with Elite (69%) from SWAYAM online certification course (15 Weeks) on “Cyber Security” conducted by Avinashilingam Institute for Home Science and Higher Education for women, Tamilnadu in March- 2021.(issued on 18-06-2021).
13. Got certified with Elite (76%) from SWAYAM online certification course (15 Weeks) on “Research Methodology” conducted by National Law University Delhi, in March- 2021.(issued on 31- 08-2021).
14. Got certified with Elite (84%) from NPTEL online certification course (04 Weeks) on “Outcome Based Pedagogic Principles for Effective Teaching” conducted by IIT, Kharagpur in Feb-Mar 2022.
15. Got certified with Elite (60%) from NPTEL online certification course (12 Weeks) on “Software Testing” conducted by IIT, Madras in Jul-Oct 2022.

Other Achievements:

1. Acted as Reviewer for the journals of Indian Journal of Science and Technology.
2. Ratified as Assistant professor for Dept.of CSE in 2017.

Signature