Ragavamsi Davuluri

Department	: Computer Science and Engineering
College	: SR Gudlavalleru Engineering College
Mobile	: +91 9676899962
E-Mail	: raaga.vamsi@gmail.com, raaga@gecgudlavallerumic.in

Residential Address:

Chowdary Pet, Pamarru, Krishna Dt., A.P-521157

Academic Qualifications:

S.No.	Qualification	Degree & Branch	Specialization	University / Board	Institution & Place	Year of Pass	% of Marks	Division
1	Ph.D.	CSE	Image Processing	Annamalai University	Annamalai University, Chidambaram	2023	-	-
2	M.Tech / ME	M.Tech	CSN	Dr. M.G.R Deemed University	Dr. M.G.R Deemed University, Chennai	2006	82	First Class with Distinction
3	BE / B.Tech	B.Tech	IT	Visveswaraiah Technological University	Bellary.Engg. college,Bellary	2003	65	First Class
4	Intermediate	MPC	-	-	Wardlaw PU College, Bellary	1999	60	First Class
5	SSC	SSC	-	-	Wardlaw High school, Bellary	1997	62.4	First Class

Professional Experience:

Designation	Institution	Period
Asst. Professor	Gudlavalleru Engineering College	06-09-2010 to till date
Asst. Professor	Gudlavalleru Engineering College	17-09-2008 to 20-03-2010

Subjects Taught:

- Natural Language Processing
- Deep Learning
- Machine Learning
- Data Ware Housing and data mining
- Business Intelligence and Decision support systems
- Software Engineering

- Cloud Computing
- Computer Networks-I
- Digital Image Processing
- Operating Systems
- Software Testing Methodologies
- Software Project Management
- Computer Organization

Coordinated Events:

- NBA Criteria III coordinator, department level
- Naac Criteria I coordinator, department level
- Projects _ coordinator
- Student counselling-member
- Anti Ragging committee, member
- M.Tech Lab Incharge

Projects Guided:

Ph.D	Post Graduation
NIL	8

Research Specialization:

Image processing, Machine Learning.

Thesis Title: "Machine Learning Models For Alzheimer's Disease Detection using MRI and Mel Spectrogram Images."

Academic Identity:

Google Scholar ID	https://scholar.google.com/citations?hl=en&view_op=list_works&authuser=1&gmla=ABEO0YqA_kz&user=H4apXRsAAAAJ
ORCID ID	https://orcid.org/my-orcid?orcid=0000-0001-8732-0207
Scopus ID	https://www.scopus.com/authid/detail.uri?authorId=57218382355
Web of Science Researcher ID	https://www.webofscience.com/wos/op/publications/summary
Vidwan-ID	https://vidwan.inflibnet.ac.in/myprofile
ReseachGate ID	https://www.researchgate.net/profile/Ragavamsi_Davuluri2/research

Papers Published in Journals: 19

1. Ragavamsi, D, Ragupathy, R 2022, 'A Pre-Trained Neural network to Predict Alzheimer's Disease at an Early Stage', International Journal of Advanced Computer Science and Applications, vol 13, no 5, pp. 194–200. **[Scopus and ESCI Indexed]**

2. Ragavamsi, D, Ragupathy, R 2022, 'Improved Classification Model using CNN for detection of Alzheimer's Disease', Journal of Computer Science, vol 18, no 5, pp. 415–425. **[Scopus Indexed]**

3. Ragavamsi, D, Ragupathy, R 2022, 'Neuro–Imaging based Diagnosing System for Alzheimer's Disease using Machine Learning Algorithms', Lecture Notes in Networks and Systems, vol 385, pp. 501–509. **[Scopus Indexed]**

4. Ragavamsi, D, Ragupathy, R 2022, 'Identification of Alzheimer's Disease using Various Deep Learning Techniques – A Review', Smart Innovation, Systems and Technologies, vol 265, pp. 485–498. **[Scopus Indexed]**

5. Ragavamsi, D, Ragupathy, R 2020, 'A Survey of Different Machine Learning Models for Alzheimer Disease Prediction', International Journal of Emerging Trends in Engineering Research, vol 8, no 7, pp. 3328–3337, ISSN: 2347–3983. **[Scopus Indexed]**

6. D.Ragavamsi ,2022, 'Deep Learning Based Nutrient Deficiency Symptoms in Plant Leaves Using Digital Images', Intenational Journal of Food and Nutrional Sciences.[UGC Care Journal]

7. **D. Ragavamsi** "Secure Text Transfer Using Diffehellman Key Exchange Protocol", The International journal of analytical and experimental modal analysis, ISSN: 0886-9367 (UGC Care Approved Journal) Volume XIV-Issue-IV-April-2022.

8. **D. Ragavamsi** "BITCOIN PRICE PREDICTION USING LSTM", Stochastic Modeling and Applications, ISSN: 0972-3641 (UGC Care Approved Journal) Volume 26 No 3 ,Special Issue 2022.

9. **D. Ragavamsi** "House Price Prediction using Machine Learning Techniques", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653 Volume 9 Issue VI June 2021. Impact Factor Value: 45.98.

10. **D. Ragavamsi**, "A Novel Brain Stroke Detection Using Machine Learning Algorithms", Kala Sarovar ISSN: 0975-4520 (UGC Care Group-1 Journal) Vol-24 No.02(I), April - June 2021.

11. D. Ragavamsi ," Detection of Forest Fire using Convolution Neural Network ",Alochana Chakra Journal, Volume IX, Issue VI, ISSN NO:2231-3990 , June, 2020, Impact Factor:6.3.

12. **D. Ragavamsi** "An Effective Proposal For Address Allocation In Managed Mobile Ad Hoc Networks ",International Journal of Scientific Engineering and Technology Research ISSN: 2319-8885,Volume 5, Issue 17,Page no: 3501-3504, July, 2016.

13. **D. Ragavamsi** "A Novel Rebroadcasting method for reducing routing using Area based Probabilistic Model "International Journal of Computer Trends and Technology (IJCTT),volume-30,Number 5,December2015

14. D. Ragavamsi "A Routing Algorithm to Reduce the Queuing Complexity and Delay Reduction in Communication Networks", International Journal On Advanced Computer Theory And Engineering (IJACTE), ISSN (Print): 2319-2526, Volume -4, Issue -3, 2015

15. D. Ragavamsi, "Robust Node Clone Detection in Arbitrary Wireless Networks", International Journal of Electrical, Electronics and Computer Systems (IJEECS), ISSN (Online): 2347-2820, Volume -2, Issue-10 2014. Impact Factor: 0.45.

16. **D. Ragavamsi,** "Scalable Real-Time Monitoring for distributed Applications", International Journal of Computer Trends and Technology (IJCTT), Volume 2, Issue 2, Page No 101-106, ISSN 2231-2803, November 2013., **Impact Factor: 0.569.**

17. **Ragavamsi**, "Finger Print Validation & Out-lier Detection using minutiae Approach in Network Security", International Journal of Emerging Trends in Engineering and Development, Volume 2, Issue 5,Page No: 123-127, 2012., **Impact Factor: 2.87**

18. **Ragavamsi,** "Adaptive Classifier & Associative algorithm for Pishing Detection", International Journal of Engineering Trends and Technology, Volume 3, Issue 5, Page No: 610-615, 2012., **Impact Factor: 0.537**

19. **Ragavamsi,** "Detecting & Altering TCP/IP Packets against TCP/SYN attacks", Volume 2, Issue 5, 2012.

Papers Accepted in Journals: 02

1. Ragavamsi Davuluri, "Alzheimer's Disease Diagnosis using CNN based Pre-Trained Models", is accepted in International Journal on Recent and Innovation Trends in Computing and Communication. **[Scopus and ESCI Indexed]**

2. Ragavamsi, D, Ragupathy, R, 'A Hybrid Feature Extraction based Deep Learning Framework for Class-Wise Alzheimer Disease Prediction', is accepted in IEEE ACCESS. **[SCIE Indexed]**

Papers presented & Published in Conferences: 02

1. Ragavamsi Davuluri and Ragupathy Rengaswamy, "Identification of Alzheimer's Disease using various Deep Learning Techniques - A Review", attended a Third International Conference on Intelligent Manufacturing and Energy Sustainability ICIMES 2021 at Malla Reddy College of Engineering & Technology during 18th – 19th June 2021.

2. Ragavamsi Davuluri and Ragupathy Rengaswamy, "Neuro-Imaging based Diagnosing System for Alzheimer's disease using Machine Learning Algorithms", attended a 9th International Conference on Innovations in Computer Science and Engineering(ICICSE-2021) during 3rd - 4th September 2021.

List of Workshops Organized: 01

- Organized a one day Workshop on "SPSS Modeller" at Gudlavalleru Engineering College, Gudlavalleru conducted by CSE Department on 23rd April 2017.

List of Workshops /Conferences /Seminars attended: 26

1. Attended one-day FDP on " Insights of NEP 2020 and Strategies for its Implementation" organized by Seshadri Rao Gudlavalleru Engineering College on 12th June 2022.

2. Attended One Day FDP on" Intellectual Property Rights "organized by Seshadri Rao Gudlavalleru Engineering College on 23rd March 2022.

3. Attended One Week FDP on "Artificial Intelligence and Machine Learning "organized by CSE department of Seshadri Rao Gudlavalleru Engineering College during 7th -12th Jeb 2022.

4. Attended One Week FDP on "Deep Learning for Real Time Research Applications" organized by CSE department of Seshadri Rao Gudlavalleru Engineering College during 3rd -07th Jan 2022.

5. Attended Six Days FDP on Robotic Process Automation organized by Seshadri Rao Gudlavalleru Engineering College in collaboration with Smart Bridge Educational Services Pvt Ltd powered by Blue Prism from 23th – 28th Aug 2021.

6. Attended A seven day STTP on Speech and Image Processing using Deep Learning Techniqies at Annamalai Uiversity Tamilnadu during 3rd -9th March 2021.

7. Attended a Five Day Online FDP on Cyber Security" at Gudlavalleru Engineering College, Gudlavalleru conducted by CSE Department during 22nd-26th July 2020.

8. One Week FDP on "Role of Machine Learning & Data Sciences in AI" at Mahatma Gandhi Institute of Technology during 28th june- 2nd july 2020.

9. Attended a Five Day Online FDP on Block chain Technologies at Gudlavalleru Engineering College, Gudlavalleru conducted by CSE Department during 9th -13th June 2020.

10. Attended a Five Day Online FDP on Artificial Intelligence at SIR C.R Reddy College OF Engineering in association with National Youth Council Of India and BRAONOVISION solutions during 22th -26th May 2020.

11. Attended One Week FDP on Machine Learning and Deep Learning at Gudlavalleru Engineering College, Gudlavalleru conducted by CSE Department during 1st -7th May 2019.

12. Attended One Week FDP on Machine Learning Applications in Signal Processing at Gudlavalleru Engineering College,Gudlavalleru conducted by ECE Department during 4th-9th Feb 2019.

13. Attended Two-Day Faculty Development Programme on Soft Computing Techniques at Gudlavalleru Engineering College, Gudlavalleru conducted by CSE Department during 21st-22nd June 2017

14. Attended One-day Workshop on "Curriculum Design", at Gudlavalleru Engineering College,Gudlavalleru conducted by CSE Department on 6th August 2016.

15. Attended Three-day Workshop on "Big Data Analytics", at Gudlavalleru Engineering College,Gudlavalleru conducted by IT Department during 25th-27th February 2016.

16. Attended Two-day Workshop on "Internet Of Things" at Gudlavalleru Engineering College,Gudlavalleru ,Conducted by VSES India pvt ltd during 27th – 28th November 2015.

17. Attended a One-Day Workshop on "Windows Azure" at Gudlavalleru Engineering College, Gudlavalleru, Conducted by Microsoft India on 2nd September 2015.

18. Attended One-Week ISTE Workshop on "Introduction to Design of Algorithms & Analysis" at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 25th to 30th May 2015.

19. Attended in Two-day Faculty Development Program on "BIGDATA & HADOOP Technologies" at Gudlavalleru Engineering College during 12th – 13th March 2015.

20. Attended in One-Week ISTE Workshop on "Computer Programming" at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay during 16th to 21st June 2014.

21. Attended One-Week workshop on "Training Teachers for Excellence" by Dr.B.G.Barki (Former Director NITTR, Chennai) at Gudlavalleru Engineering College during 29th April 2013- 4th May 2013.

22. Attended in Two-week ISTE Workshop on "Database Management Systems" at Gudlavalleru Engineering College, Gudlavalleru Conducted by IIT-Bombay under National Mission on Education through ICT (MHRD) during 21st to 31st May 2013.

23. Attended in One-day AICTE National Seminar on "Artificial Intelligence Applications in Image Processing" at Gudlavalleru Engineering College during 29th August 2012.

24. Attended in One-day "Software Testing & Testing Tools" in association with SWECHA at Gudlavalleru Engineering College during 26th July 2012.

25. Attended in Two-day Workshop on "Database Design & Design Tools" in association with CSI and COIGN&IT Services Pvt. Ltd at Gudlavalleru Engineering College during 11th & 12th July 2012.

26. Attended in Two-day "Ethical Hacking & Information Security" in association with Entrepreneurship Cell, IIT Kharagpur and Virscent Technologies Pvt.Ltd at Gudlavalleru Engineering College during 22nd-23rd June 2012.

GUEST LECTURES DELIVERED: Nil

MEMBERSHIP IN PROFESSIONAL BODIES:

- Member of Computer Society of India (CSI)

Signature