

## P.HemaVenkata Ramana

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### ***Objective:***

To work in an organization where I can use my knowledge and learn many things for my career growth.

### ***Education:***



Year of passing	Course	Board/University	Name of the Institution	Percentage
2014	M.Tech ComputerScience&Enginee ring	JNTUK	KIETW, (Kakinada Institute of Engineering and Technology for Women,Korangi)	77.81
2012	B.Tech ComputerScience&Enginee ring	JNTUK	KIETW, (Kakinada Institute of Engineering and Technology for Women,Korangi)	65.42
2007	Intermediate	State Board of Intermediate Andhra Pradesh	Sreevidyaa junior college, Rcpm	76.9
2005	S.S.C	Board of Secondary Education ,Andhra Pradesh	G.V&K.B.M School, Rcpm	77.6

### ***Work Experience:***

- Working as Assistant Professor in **Prasad V. Potluri Siddhartha Institute of Engineering and Technology** from 15<sup>th</sup> September 2022 to till today  
(UNIVERSITY RATIFIED)
- Working as Assistant Professor in **Andhra Loyola Institute of Engineering and Technology** from 27<sup>th</sup> January 2021 to June 24<sup>th</sup> 2022.
- Worked as Assistant Professor in **Aditya College of Engineering** from 6<sup>th</sup> June 2019 to 16<sup>th</sup> December 2020.
- Worked as Assistant Professor in **Kakinada Institute of Engineering & Technology for Women** from 17<sup>th</sup> March 2014 to 1st June 2019.

- Worked as Assistant Professor in **Kakinada Institute of Engineering & Technology for Women** from 17<sup>th</sup> March 2014 to 1<sup>st</sup> June 2019.

### ***Subjects Taught:***

C Programming, Advanced Data Structures, Operating Systems, Python, Data Structures, Web Technologies, Software Engineering, C++.

### ***Professional Qualification :***

- NPTEL certification course (8 Weeks) on “Introduction to Operating Systems” conducted by IIT Madras in the year 2023
- NPTEL certification course (12 Weeks) on “Introduction to Internet of Things” conducted by IIT Kharagpur in the year 2019.
- NPTEL certification course (12 Weeks) on “The Joy of Computing using Python” conducted by IIT Kharagpur in the year 2019.
- Certification on “Python Basics” an online course offered through Coursera in the year 2020.
- **ORACLE** certification Successfully completed 30 hours of professional development on Java Foundations

### ***Paper Publications:***

- “A Survey on Sugarcane Leaf Disease Identification Using Deep Learning Technique (CNN) May 2023 (SCOPUS) ISSN no: 2321-8169.
- Unraveling the State of the Art: A Comprehensive Review of Brain Tumor Detection Techniques March 2025 (SCOPUS)
- “Efficient Clustering of Text Document Using Spherical K-MEANS Algorithm” published in International Journal (IJRCSE), Volume-6, Issues-6, Publication date 2016/12.
- “Spontaneous Assessment Packet Organisation” published in International Journal (IJSEAT), Volume-3, Issues-12, Publication date 2015/12
- “Preventing Data Transmission from Vulnerable Attacks in CWSNs” published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume-4, Issues-11, Publication date 2015/11.
- “Novel Resource Allocation Algorithm for Cloud System That Supports VM-Multiplexing Technology” published in International Journal of Research in Computer and Communication Technology (IJRCCT), Volume-3, Issues-10, Publication date 2014/10
- “Detecting Extremist Reviewer Groups in Online Product Reviews”, in Journal Of Engineering Sciences Vol. 12, Issue 7, ISSN 0377-9254
- “E voting using Face Verification ” in Journal Of Engineering Sciences Vol. 12, Issue 7, ISSN 0377-9254

### ***Key Responsibilities Handled:***

- Time table Coordinator
- Women Cell Coordinator
- Anti Ragging Committee member
- Proctor
- Class Coordinator
- Department Examination section coordinator
- Student council committee member
- Trained students in C-Programming for Campus Placements
- Organized Technical, Cultural Events
- NAAC 6 Criteria Coordinator, NBA 2 Criteria Coordinator.

### ***Faculty Development Programs attended:***

- Participated Online Short-Term Course on “Data Visualization for Deep Learning Using Power BI and Tableau” conducted by the Dept. of CSE, NIT Warangal and Dept.IT. VNRVJIET,Hyderabad in association with CCE, NIT Warangal from 23-02-2023 to 28-02-2023.
- Participated Faculty Development Programme on “*Thesis and Research Paper Writing*” organised by the NITTTR, KOLKATA from 30-01-2023 to 03-02-2023.
- Participated Faculty Development Programme on “Machine Learning Applications” NIT,Warangal from 08-07-2023 to 15-07-2023
- Participated FDP on “Intelligent Systems For Sustainable Development ” from the 8th to 12th , June 2021 organized by the Department of Computer Science & Engineering and Information Technology, St.Peter’s Engineering College, Hyderabad.
- Participated FDP on “ Python” from the 5th to 10th , July 2021 organized by E&ICT Academy, IIT Kanpur
- Participated FDP on “AWS and Machine Learning” from 4<sup>th</sup> to 13<sup>th</sup> October2021 organised by E&ICT Academy ,NIT Warangal and ALIET.
- Participated National Level FDP on” Bigdata Analytics and Machine Learning” from 26<sup>th</sup> March to 1<sup>st</sup> April2022 organised by East Point College of Engineering and Technology.

- Participated FDP on “Recent Advancements in Computer Science from 25<sup>th</sup> to 30<sup>th</sup> April 2022 organised by Vijaya Institute of Technology for Women, Enikepadu, Vijayawada.
- Participated FDP / Course on “Engineering Exploration Project” from November 13<sup>th</sup> to November 15<sup>th</sup> 2019 organized by Aditya group of Engineering colleges.
- Completed NPTEL FDP On “Introduction to Internet Of Things” (Duration of 12 weeks)
- Participated online FDP on “Cryptography And Network Security” conducted by Department of Computer Science and Engineering at Panimalar Institute of Technology held from 11-05-2020 to 15-05-2020.
- Participated online FDP on “Artificial Intelligence” from 22 May - 26 May, 2020 organised by Department of Computer Science and Engineering, Gayatri Vidya Parishad College for Degree and PG Courses(A) in collaboration with BRAIN O VISION
- One Week online FDP on “Modelling And Optimization Techniques For Materials And Manufacturing Processes” from 18/05/2020 to 22/05/2020 conducted at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.

### ***Strengths:***

- Good Communication
- Good Team Player with Positive attitude
- Ability to learn in a fast paced environment, Quick Learner

### ***Personal Profile:***

Date of Birth	: 12-01-1990
Gender	: Female
Marital Status	: Married
Husband Name	: Mr.G.Durga Anilkumar.
Nationality	: Indian
Languages Known	: English, Telugu, and Hindi
Address	: D.No:1-46,Sivasankar colony, Vanukuru, Penamaluru mandal, Krishna District