Personal Information

Name	Ms.T.Amy Prasanna
Years of Experience	Teaching: 6 Years 3 Months
Email Id	Prasanna.tella@bvrithyderabad.edu.in
Areas of Specialization	Embedded Systems and VLSI

Educational Qualifications

PG Degree	M.Tech.	Embedded Systems and VLSI
UG Degree	B.Tech.	Electronics and Communication Engineering

Patent Filed:

1. MallaReddy Engineering College For Women,Dr.Y.Madhavee Latha, Dr.N.Sreekanth,…..,Ms.T.Amy Prasanna,…..

   APPLICATION NO: 201841019200

Papers Published

International Journal Publications

1. Ms.T.Amy Prasanna, Dr. K. Niranjan Reddy "Design and Implementation of a novel SOLS based FM0/Manchester Encoders" Published in International Journal of Researchin Signal Processing, Computing & Communication-System Design, ISSN: 2395-3187 Volume: 02, Issue: 1 & 2, January-December, 2016

2. **Ms.T.Amy Prasanna, Ms.I.Swathi Priya "DETECTING AND CORRECTING ERRORS BY USING BLOOM FILTERS",** published in International Journal of Pure and Applied Mathematics Volume 118 No. 14 2018, 343-352 ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) url: http://www.ijpam.eu Special Issue

3. **Ms.T.Amy Prasanna** "Implementation of Vedic Multiplier and Floating point matrix multiplier in Image Compression Applications" published in **International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S5, December 2019**

International Conference Publications

1. Ms.T.Amy Prasanna " IOT based Thermal Signature Detector with Alarm & E-mail Notification with Integrated Social Gathering Screening using Computer Vision" at 6th International conference on Signal Processing,communications and System Design Feb 2021 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.
2. Ms.T.Amy Prasanna "Implementation of Vedic Multiplier and Floating point matrix multiplier in Image Compression Applications" at 5th International conference on Signal Processing,communications and System Design Dec 2019 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.
3. Ms.T.Amy Prasanna "NOVEL HIGH SPEED VEDIC MULTIPLIER PROPOSAL INCORPORATING ADDER BASED ON QUATERNARY SIGNED DIGIT NUMBER SYSTEM" at 4th International conference on Signal Processing,communications and System Design Feb 2019 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.
4. Ms.T.Amy Prasanna,Ms.I.Swathi Priya "Detecting and Correcting Errors Using Bloom Filters" at 3rd International conference on Signal Processing,communications and System Design Feb 2018 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.
5. Ms.I.Swathi Priya,Ms.T.Amy Prasanna "A Low Power Trainable Neuromorphic Integrated Circuit That Is Tolerant to Device Mismatch" at 3rd International conference on Signal Processing,communications and System Design Feb 2018 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.
6. Ms.T.Amy Prasanna "Design and Implementation of a novel SOLS based FM0/Manchester Encoders" at 2nd International conference on Signal Processing,communications and System Design Nov 2016 at Mallareddy Engineering College for Women(Autonomous Inst.),Hyd.

FDP's Attended

1. One week faculty development program on **"System Design Aspects in IoT"** from 26th june to 2nd july 2018 organized at JNTUH,Kukatpally.

2. Two week faculty development program on "Advanced Data Science and Applications" at MRECW, hyd from 17th to 28th August 2020.

3. One week STTP on "Deep learning techniques for Electronic health record analysis" at MRECW from 16th to 21st Nov 2020.

4. One Week STTP On "EMERGING TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS" at MRECW, Hyderabad on 14th to 19th September 2020.

5. One Week STTP On "RECENT TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS(ns-2)" at MRECW from 31st to 15th September 2020.

6. One Week STTP On "PREDICTIVE ANALYTICS USING MACHINE LEARNING WITH PYTHON" at MRECW from 10th to 16th August 2020.

7. One Week STTP On "RECENT TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS" at MRECW from 3rd to 8th August 2020.

8. Five-Day Faculty Development Program on "VLSI & Embedded Systems Design for Aerospace & Defence Applications" organized from 10-08-2020 to 14-08-2020 at SVIST,Kadapa.

9. One Week STTP On "EMERGING TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS(NS-3)"organized by Malla Reddy Engineering College for Women during 17th to 22nd August, 2020.

10. 5-Day Online Faculty Development Programme On "RESEARCH METHODOLOGY" organized by Malla Reddy Engineering College for Women during 27th to 31st July, 2020.

11. 3-Day Online Faculty Development Program on " Embedded Systems and IoT Applications" from 04-June-2020 to 06-June-2020 organized by the Department of Electronics and Communication Engineering, Vignan's Institute of Engineering for Women, Visakhapatnam, in association with Embedded Systems Solutions Pvt Ltd, Bangalore and in partnership with IEEE BLP, Hyderabad.

12. Five Day National Level Online FDP on "Modern Research Trends in Communication, Signal Processing and VLSI/MEMS", organized by Andhra Loyola Institute of Engineering and Technology, Vijayawada, from 19th to 23rd May 2020.

13. A National Level Five Day Faculty Training Program (online) on"Cyber Security" Organised by Srinivasa Ramanujan Institute of Technology (Autonomous) in association with SUPRAJA Technologies from 23-05-2020 to 27-05-2020.

14. 5-day National level FDP on "ARTIFICIAL INTELLIGENCE" at BVRIT HYDERABAD college of Engineering for women from 22nd May to 26th May 2020.

15. 3-day Workshop on "NAAC Assessment and Accredation: A step by step Process"held at GATES institute of technology,Ananthapuram from 28th to 30th May 2020.

16. 3-Day Online Faculty Development Program on "IoT" from 27-May-2020 to 29-May-2020 organized by Lendi Institute of Engineering and Technology.

17. Two day workshop on "Research Process Flow and Implementation Mechanism-AThought Process" at MRECW during 10th & 11th May 2018.

18. One week AICTE recognized Short Term Course on "Artificial Neural Networks & Fuzzy Logic through ICT" at MRECW From 24-4-2017 to 28-4-2017.

19. FDP on "Innovative Methods For Effective Teaching" organized by MRECW on 13th Dec 2017.

20. FDP on "Application Oriented Teaching Methodologies" Organized by MRECW during 3rd to 5th July 2017.

21. One week FDP on "VLSI Chip Design Hands-on using Open source EDA" jointly organized by Electronics and ICT Academies held from 16-20 December 2019,through National Knowledge Network under the "Scheme of financial assistance for setting up of Electronics and ICT Academics" of the Ministry of Electronics and Information Technology(MeitY),Govt. of India.

22. One week FDP on Machine Learning Fundamentals conducted by BVRIT HYDERABAD College of Engineering for Women from 30th August to 4th September 2021.

23. FDP on A Blend of Internet of Things, Cyber Security & Blockchain and Applications conducted by NIT Silchar from 23rd to 27th August 2021

24. FDP on Reliability and Security of VLSI Circuits & Systems for IoT conducted by IIT Jammu from 2nd to 6th august 2021

25. FDP on National online Research Program on How to write a Research Paper for Scopus/SCI/IEEE Journals conducted by Matter here on 1st august 2021

26. FDP on Latest Technological Developments for System On Chip (SOC) Applications conducted by GIET University from 26th to 30th July 2021

27. Accelerating Project-based Learning using Internet of Things and Thing Speak organizedby RRSPBL on 18th and 19th June 2021

28. FDP on Sensor based System Design using Graphical Interface conducted by KLS Gogte Institute of Technology from 20th September 2021 to 24th September 2021

29. FDP on Machine Learning for Signal processing by E & ICT Academy , NIT Warangal and Lendi Institute of Engineering & Technology from 25th October 2021 to 5th November 2021

30. FDP on Emerging Trends in Nano Technology by Vishnu Institute of Technology Bhimavaram from 9th November 2021 to 13th November 2021

31. FDP on Smart Autonomous Driving Systems by RAMAIAH INSTITUTE OF TECHNOLOGY from 7th March 2022 to 11th March 2022.

Professional Memberships:
Life Member of ISTE with No: LM 59341

Certifications

➢ Certification on "Op-Amp Practical Applications: Design, Simulation and Implementation " organized by NPTEL in 2019

➢ Coursera Certification on "Python programming"

➢ Coursera Certification on "AI for Everyone"