

**Name: Mrs M.Prasanna**

**Department:** Physics & Electronics

**Designation:** Assistant Professor ( Sr. Grade)

**Qualifications:** M.Sc (Tech) in Appl. Electronics, PGDCS.

**Years of Experience:** 29 Years

**Areas of Interest**: Embedded systems, IoT (Internet of Things – sensors and devices)

**Publications :**

* **National**

1. Prasanna, M., & Mallikarjun Rao, S.P. (Feb 1997), Single Cycle Ferro electric Hysteresis Loop Tracer in *Indian Journal of pure and Applied Physics*,  Vol.35, pp 100-103.
2. Mallikarjuna Rao, K., Prasanna, M., Aparna D & Mallikarjun Rao, S.P., (February 1997), Software Compensation of Ferro electric hysteresis loop, *Indian Journal of Pure and Applied  Physics,*   Vol.35, pp.115-117,
3. Prasanna, M., Aparna, D., Mallikarjuna Rao, K., & Mallikarjun Rao, S.P., (September.1995), Compensation of Ferro electric hysteresis loop using TUTSIM S/W  package, *Bulletin of the Indian Association of Physics Teachers,* Vol.12, No.4, pp.275-278,.

* **Books published:**

Co authored a text book titled *B.Sc. Electronics I year*a text book for  BSc Electronics first year students from  Telugu academy in 2017.

* **Research Grant/Award:**

Has an invention award/grant from NRDC, New Delhi, in 1996, for developing an instrument *Single cycle ferroelectric Hysteresis loop Tracer*.

**SEMINARS & WORKSHOPS ATTENDED**

1. Successfully completed and Qualified the Exam of One Week Workshop on “Data Analysis in MS Excel” (online mode) organized by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India from 17 May 2021 to 21 May 2021
2. Participated in online 3 Day workshop on “Scilab” organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), Govt. of India from 04 March to 06 March 2021.
3. Organized a 3-day Workshop on **“Embedded Systems using TinkerCAD”** onbehalf of   The Dept. of Physics & Electronics under ***DBT star college scheme****.*  **from 19-1-21   to    21-2-21**
4. Organized and participated in a webinar on **“Arduino@home Hands on learning of Electronics and Programming”** on behalf of theDept. of Physics & Electronics under ***DBT star college Scheme***  on 3rd July, 2020
5. Successfully completed the “**Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop**” through IIT Bombay Bodhi Tree platform, This training was organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India. on 23 May 2020.
6. Successfully completed a three day Online Workshop on “**Outcome Based Education & Online Course Design, Development and Delivery”** organised by UGC - HRDC, University of Hyderabad during 16 – 18th,th May, 2020.
7. Participated in a Webinar on “**Research Capacity building- A strategy to promote research culture in Higher Education”**  organized by IQAC, Bhavan’s Vivekananda College, Secunderabad, 12- 14th,  May,2020
8. Successfully completed a “**One Day Workshop on Arduino”** held at Kommuri Pratap Reddy Institute Of Technology, Medchal Malkajgiri, Hyderabad**,** organised by the Teaching Learning Centre, ICT at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on **8th, February 2020.**

**FDP’s ATTENDED**

1. Successfully completed the AICTE sponsored Six days Online Short Term Training Programme (STTP) on “A Hands–on Approach for Design & Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools - II” organized by The Department of Electronics and Communication Engineering, SRM Valliammai Engineering College, SRM Nagar, Kattankulathur, TN. from 02.11.2020 to 07.11.2020.
2. Successfully completed a National Level Faculty Development Programme on “**Effective use of Learning Management systems, Google Classroom & Moodle for ICT enabled Teaching learning process**” organised by NES Ratnam College of Arts, Science & Commerce, Bhandup(W), Mumbai, Maharashtra from 5th, June, 2020 to 12th, June, 2020.
3. Participated and completed one week online Faculty Development Program (FDP) on “**Moodle – Learning Management System”** organised by the KLS Vishwanathrao Deshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in association with IIT Bombay Spoken Tutorial(An initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 4th May to 8th May 2020.
4. Successfully completed One week FDP in **Contemporary teaching, Research and Academic Excellence in the Perspective of Personality Development** (CRAPD-2020), organized by IQAC of University College for Women in collaboration with UGC-HRDC, Osmania University, Hyderabad. From 21st to 28th Jan,2020.

**Short term online courses:**

1. Successfully completed Gustovalley Technovation’s **Online Internship on Industry 4.0** which was conducted from 31/01/2021 to 03/03/2021.
2. Successfully completed and **secured grade A in LaTeX101x: LaTeX for Students, Engineers, and Scientists** an online course conducted by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, from 15 July 2020 to 15 December 2020.
3. Successfully completed **30 days internship on ARDUINO at Pantech Prolabs India Pvt. Ltd. from Nov 30,** 2020 to Dec 30, 2020.
4. **Learn Moodle 3.7 Basics** from the Learn Moodle MOOC run by Moodle HQ   in  July 2019.
5. **Embedded Systems - Shape the World**, UTAustinX: UT.6.03x, through Edx organised by  Texas University,   Austin in May, 2014.

**Resource person at workshops:**

1. Participated as a resource person for the **Dr. A.S. Rao awards council  residential workshop** for the outstanding ninth class students of Telangana & Andhra Pradesh, in summer vacation in the year 2010,  2011 and  2019.
2. Participated as a resource person in a **workshop on Virtual Labs,** conducted by the Department of Physics & Electronics, BVC, 29-30th, July 2020.