



P. R . GOVT. COLLEGE (A), KAKINADA

DEPARTMENT OF PHYSICS & ELECTRONICS

CURRICULAM VITAE



SRIDEVI GUTTULA
LECTURER IN PHYSICS
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➤ EDUCATION:

- Qualified in **APRCET-2021 with rank 23** and joined Part Time Ph.D. under the guideship of Prof. M.Rami Reddy, Department of Physics, Acharya Nagarjuna University, Guntur, A.P.
- Qualified in **CSIR NET** held on 19-6-2011 with **063/543** Rank
- 2007-2011 M.Phil. PERIYAR UNIVERSITY(PRIDE); SALEM
- 1997-1999 M.Sc. (PHYSICS) ANDHRA UNIVERSITY; VISAKHAPATNAM
- 1990-1996- -Intermediate&B.Sc.Degree;
- 1988-1990 CBM Jubilee Girls HighSchool; Kakinada

➤ EMPLOYMENT:

- 1999-2004 Worked as Lecturer on Contract basis in Govt. Degree Colleges in A.P.
- 2004 Selected as Lecturer in Govt. Junior Colleges through
APPSC.(16.12.2004 – 22.05.2013)
- 2013 Promoted to Govt. Degree Colleges as Lecturer in
Physics(23.05.2013 – till date)
- 2021 Transferred to Present station on 23.09.2021

➤ **Skills Gained:**

- Improved teaching abilities.
- Participated in conducting state level academic and competitive examinations.
- Teaching of career development guidance classes.
- Conducting of general elections in various levels
- Self confidence in taking any responsibility
- Developed in conducting various activities among students.
- Ability to organise college level and department level development activities.
- Worked as Controller of Examinations at A.S.D.G.D.C.(W)(A), Kakinada for 3 years, September,2018 to September 2021 gained skills of performing various examination cell duties.
- Worked as Controller of Examinations at P.R.G.C. (A), Kakinada for 3 months July – September 2023
- Worked as Convener, Women Empowerment Cell, P.R.G.C. (A), Kakinada for 3 years from December 2021 to May 2025 and organized many women student centric activities.

➤ **Refresher Courses , Orientation Courses and FDPs Completed:**

- Participated in Science Academies Refresher Course on “Quantum Mechanics” organized by Loyola College(A); Chennai; Tamil Nadu from **11th - 23rd May,2015**.
- Participated in “Refresher Course in Experimental Physics” organized by University of Hyderabad, Hyderabad; from **29th Oct. - 18th Nov. 2015**.
- Participated in “Orientation Course” organized by Andhra University, Vizag from **28th Aug. - 23rd Sept. 2017**.
- Participated in Ministry of Electronics and Information Technology(MeitY); GoI sponsored one week orientation work shop on “OER, CONTENT DEVELOPMENT, MOOCS AND MOODLE” from **30 November - 5th December 2018** organized by APCCE, Vijayawada in association with the E&ICT Academy, NIT, Warangal.
- Participated in a **5 - day APCCE-US collaborated Faculty Development Programme on “New Knowledge in Physics and Energy Materials:Advanced Research Techniques”** from **6 July - 10 July 2020** organised by APCCE, Vijayawada in association with University of Louisville, Southern University, & Elizabeth City State University – U.S.A.
- Participated in a Two Day Faculty Development Programme on “Capacity Building of Faculty in Blended Teaching – Learning Environment – A practical Approach” on **21-22 April 2022**, organized by Centre for Capacity Building and IQAC, P.R. Government College(Autonomous),

Kakinada.

- Participated in **6day FDP on “ NAAC’S REVISED ACCREDITATION FRAME WORK” from 17-22 June 2022** organised by IQAC, P.R.G.C.(A),Kakinada
- Participated in online **Two Week “Refresher Course in Physics” from 28th July – 11th August, 2022** organised by Teaching Learning Centre, Ramanujan College, University of Delhi; under the Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching; Government of India.
- Participated in a five day residential Training program for Teachers on “ Content Delivery and Assessment Methods “ pertaining to skill development course of Sem-1 , “ Electrical Appliances” from 7th – 11th **December 2022** at Andhra University, Vizag organized by APCCE , Mangalagiri, A.P.
- Participated in **3 day ToT on Internship/Apprenticeship management and LMS held at nodal resource centre P.R.G.C.(A),Kakinada, from 5-7 January 2023.**
- Participated in **5 day FDP on Microsoft diversity skilling program** with implementation partner infiSpark foundation organised by Andhra Pradesh information technology academy **from 18-22 December 2023 P.R.G.C.(A),Kakinada.**
- Participated in **Capacity building program for KRP's** in single major subject pattern in Physics organised by UGC Malaviya Mission Teacher Training Centre, (MMTTC), JNU, New Delhi in collaboration with CCE, AP, held from **5th to 16th March 2024**
- Participated in UGC sponsored 2-week online Refresher Course in “**Gender Studies**” from **10th to 23rd September 2024** organised by Malaviya Mission Teacher Training Centre (MMTTC), Sri Venkateswara University, Tirupati.
- Participated in **NEP 2020 online Orientation and Sensitization Program** under Malaviya mission teacher training program of UGC organised by MMTTC, Sri Venkateswara University , Tirupati **from 24th September to 2nd October 2024.**

➤ **Activities in Academic Level :**

- Various curriculum activities regarding the NAAC visit in VKVG Degree College; Kothapeta.
- Participated in UGC sponsored a National Conference : ATOM, conducted by Govt Arts College, Rajahmundry on 8th & 9th of December 2014.
- Applied for a Minor Research Project in crystal growth of KDP crystal.
- Participated in Science Academies Refresher Course on “Quantum Mechanics” at Loyola College(A); Chennai; TamilNadu from 11th to 23rd May, 2015.
- Participated in UGC sponsored a Two Day National Seminar in Physics on “ Recent Developments in ‘Nano Technology and Nano Science’” on 31st Aug.&1st Sept.,2015. organized by V.K.V. Govt.

Degree College; Kothapeta., E.G. Dist., A.P.

- Participated in “Refresher Course in Experimental Physics” at University of Hyderabad, Hyderabad; from 29th Oct. to 18th Nov. 2015.
- Participated in UGC sponsored One Day National Workshop on ‘Human Rights and Duties : The Indian Context’ on 6th February 2016 organized by Dept. of History; A.S.D. Govt. Degree College (W)(A) Kakinada.
- Organized UGC sponsored a Two Day National Seminar on ‘Applications of Nanomaterials in Energy and Environment’ on 17-18 August 2016 in A.S.D. Govt. Degree College (W)(A), Kakinada.
- Participated in UGC sponsored a Two Day National Seminar on ‘Advanced Materials in Science and Technology’ on 23-24 September 2016 organized by Department of Physics & Electronics, P.R. Govt. Degree College (Autonomous), Kakinada., E.G. Dist., A.P.
- Paper presented on 5th Oct 2016 on the topic “ A study on conversion of municipal solid waste into energy ” in UGC sponsored a Two Day National Seminar on ‘ Energy and Ecology’ on 4-5 October 2016 organized by Department of Physics & Electronics, C.R. Reddy Degree College (Autonomous), Eluru.
- Participated in “Orientation Course” in Andhra University, Vizag from 28th August. 2017 to 23rd Sept. 2017.
- Participated in Ministry of Electronics and Information Technology (MeitY); GoI sponsored one week orientation work shop on “ OER, CONTENT DEVELOPMENT, MOOCS AND MOODLE ” from 30 November to 5th December 2018 organized by APCCE, Vijayawada in association with the E&ICT Academy, NIT, Warangal.
- Participated in UGC sponsored a state level seminar “Recent Advances in Clean Energy”, RACE-2018, organized by Govt. Arts College, Rajahmundry on 27th December 2018.
- Participated in UGC sponsored Two day National Seminar on “A study on interaction between human society and Natural Environment including Natural Resource Management” on 24th & 25th January, 2019 organized by Departments of Chemistry, Physics & Bio Sciences, Ideal College of Arts & Sciences (A), Kakinada.
- Participated in UGC Sponsored Two day National Seminar on “Alternate Energy Resources for Sustainable Environment” (AERSE-2019) on 14-15 February 2019 organized by Departments of Physics & Electronics and Chemistry, P.R. Government College (Autonomous), Kakinada., E.G. Dist., A.P.
- Participated in UGC sponsored one day National Workshop on “R” held on 16.02.2019 organized by the Departments of Mathematics and Economics, ASDGDC (W)(A), Kakinada.
- Participated in UGC Sponsored National Workshop on “Integration of OER (open educational resources) for Quality Sustenance in Teaching-Learning” on 19th February 2019 organized by Internal Quality Assurance Cell , IQAC, ASDGDC (W)(A), Kakinada.
- Participated in UGC sponsored National Symposium on “Discovery of Periodic Table and Scientific Developments-The incredible Contribution of Dmitri Mendeleev”(IYPT)-2019 on 2nd March 2019 organized by the Department of Chemistry, ASDGDC (W)(A), Kakinada.

- Participated in One day National Workshop on Academia-Industry Interface-Strategies and Perspectives for Resource Management and Organizational Development (Under CPE-Financial Assistance to RUSA Colleges,Phase-I) on 5th September 2019 organized by Internal Quality Assurance Cell, IQAC, ASDGDC (W)(A), Kakinada.
- Participated in UGC Sponsored Two Day National Seminar on “Present Research In Green Sustainable Technologies” (PRGST-2019) on 18-19 December 2019 organized by Departments of Physics & Electronics and Botany, P.R.G. College(Autonomous), Kakinada.
- Participated in One Day Faculty Development Programme on “Massive Open Online Courses(MOOCs)-Designing and Creation” on 7th February 2020 organized by Department of Home Science, ASDGDC (W)(A), Kakinada.
- Participated in One Day Faculty Development Programme on “Intellectual Property Rights-Patent Laws and Technological Advances in Indian Perspective” on 13th February 2020 organized by Department of Micro Biology, ASDGDC (W)(A), Kakinada.
- Participated in a Five day APCCE-US collaborated Faculty development programme on “New Knowledge in Physics and Energy Materials: Advanced Research Techniques” from 6th July - 10th July 2020 organised by APCCE,Vijayawada in association with University of Louisville, Southern University, & Elizabeth City State University – USA.
- Paper presented and had been a part in organizing one day International Conference, “New Forays of Luminescent Advanced Materials & Phosphors in Multi Disciplinary Technologies” (Lamp – 2022) on 7 January 2022 organized Department of Physics & Electronics and Chemistry, , P.R. Government College (Autonomous), Kakinada.
- Participated in IP Awareness/ Training Program under National Intellectual Property Awareness Mission (NIPAM) on 15.03.2022 organized by Ministry of Commerce and Industry; Government of India.
- Participated in a Two Day Faculty Development Programme on “Capacity Building of Faculty in Blended Teaching – Learning Environment – A practical Approach” on 21-22 April 2022, organised by Centre for Capacity Building and IQAC, P.R. Government College(Autonomous), Kakinada.
- Participated in “National Level Online Quiz on Income Tax” on 23.07.2022 in the observation of Income Tax Day – 24th July, organized by the Department of Commerce & Management Studies (DCMS) , P.R. Government College(Autonomous), Kakinada with Ref. No.88TUMK-CE000003.
- Participated in online Two Week **“Refresher Course in Physics” from 28th July – 11th August, 2022** organized by Teaching Learning Centre, Ramanujan College, University of Delhi; under Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching; Government of India.
- Participated in international webinar on “Advancements in Nanotechnology for building safety, electronic devices, and magnetic sensors” organised by Department of Physics and Electronics SRR&CVR GOVERNMENT COLLEGE (A), VIJAYAWADA on **5th April 2024..**

- Participated in one day National Webinar on **“Advanced Tools for Research Methodology”** organised by Department of Chemistry, Government Degree College, Avanigadda on **29th April 2024**.
- Organised a **2 - Day International Women Leadership Conclave – “Spreading the Wings of 21st Century Women”** as convener, Women empowerment cell, P.R.G.C.(A), Kakinada on 23-24 January 2025.

➤ **Publications:**

1. Dr.M. Surekha , Dr.K. Jayadev , **G. Sridevi** , A. Padmavathi , Dr.P. Himakar , Dr.K.Durga Rao and Dr.Somarouthu V.G.V.A.Prasad, **“The Heartbeat Science: Unravelling the Mechanics of Cardiac Pumping in Humans and Animals”**, ALOCHANA JOURNAL VOLUME 13, 2231-6329, ISSUE 6 2024
2. Dr.M.Surekha, Dr.K.Jayadev, **G.Sridevi**, Dr.P.Himakar, Dr.K.Durgarao & A.Padmavathi*,” **Sustainable Materials Design: Novel Methodologies for Eco-Friendly Innovation”**, publication: **“RESEARCH METHODOLOGY IN MATERIAL SCIENCE”** by YVNR GDC, ,Kaikaluru, ISBN: 978-93-90028-56-6, **Chapter 22**, Jan-2025.
3. **“Accelerating Change: The Path to Women's Empowerment**
G.Sri Devi, Dr.K.Jayadev, Dr.P.Himakar, Dr.K.Durga Rao, P.Veerendra,
D.Sravani, N.Kalpana, paper presentation at Two Day International Women Leadership Conclave-organised by P.R.G.C.(A), Kakinada, ISBN: 978-93- 92760-21-1, SL.NO.9, Pg.No: 50., on 23-24 January 2025.
4. **“Advancing frontiers in Nanomaterial Analysis: integrated spectroscopic and microscopic characterization approaches”** titled paper presented in Two day National Seminar, ISBN: 978-93-92760-68-6, SL.NO: 04, Pg.No: 32-37, organized by Ideal College(A), Kakinada, on 28-29, March 2025.

➤ **Memberships in:**

1. Indian Association of Physics Teachers ; I.A.P.T. with Regd. no.**1092117072**
2. Global Initiative of Academic Networks ; G.I.A.N; Ministry of H.R.D; Government of India.With application no. **2015150618429**.
3. India Didactics Association, New Delhi
4. Life membership in Universal Society for Research and Development, in association with SCIENG Publications & Dr.Yellapragada Life Sciences; CHENNAI ; with ID No. **LM2236**.

➤ **Awards / Appreciation Certificates from:**

- Ministry of Defence; Government of India for active participation in Republic Day Celebs.–2022 on **29.01.2022** with ID No. **1643438537**.
- ‘NAARI SHAKTHI’ Awards for Women – 2022 on the eve of International Women’s Day Celebs @ “Best Woman Academician Award” on **08.03.2022** by the Universal Society for Research & Development, in association with SCIENG Publications & Dr.Yellapragada Life Sciences; CHENNAI.
- Azadi Ka Amrit Mahotsav Diamond Jubilee Celebrations -2022 , initiated by Ministry of Culture; Government of India on **05.08.2022**.
- Certified as Best Women Faculty on International Women’s Day 2025 celebrations., PRGC(A)