

Individual Profile

S. Pavani, as a Lecturer in Physics in K.H. Government Degree College, Dharmavaram, popularly known as Silk City, A.P. She pursued her Post Graduation in Physics with Applied Spectroscopy specialization at Sri Venkateswara University, Tirupathi. She secured 164 rank in CSIR – UGC NET , eligibility for Lectureship in December 2010. Qualified GATE in 2011. She secured 12th Rank in APRCET in 2021.

She has presented 11 papers in national as well as international seminars on Women Empowerment, human trafficking, Cyber Security, role of ICT in Teaching, Nanomaterials and Food Security.

She is pursuing Ph. D., under the Guidance of Dr. D. Sailaja, Associate Professor in Physics and Dr. M.V. Lakshmaiah, Professor in Electronics. Her area of research is Nanomaterials.

She is the NCC, Associate NCC Officer of the NCC Girls Unit in the College.

Conferences/Seminars Attended

International	:	3			
UGC/National	:	8	Total: 12	-	List below
State Level	:	1			

2017-18

1. Presented paper in UGC – Sponsored National Seminar on “ Role of Women on Contemporary issues and Challenges – National Perspective” organized by WEC, Government College (A), Ananthapuramu on 6th and 7th Feb, 2018 with the title An Investigation of Female and Male construction of Leadership and Empowerment
2. Presented a paper in UGC –Sponsored National Conference on “Academica Digital Transformation” with the title Cyber Security – Comprehensive Risk Management on 15th & 16th December 2017, published in IJATEST- ISSN: 2456-1126 organised by IQAC, SSBN Degree College, Ananthapuramu.

2016-17

3. Presented a paper on “Need for ICT in Teaching and Learning Process” in National seminar by SSBN Degree College , Ananthapuram on 16th & 17th Dec 2016.
4. Participated in Symposium of AP Science Congress - 2016 Raspberry pi 2 Microcontroller based system for the measurement of temperature and light monitoring 7th to 9th Nov, 2016.
5. Presented a paper on “Health Implications among Trafficking Women and Children” in International seminar on 10 to 12th Aug, 2016 at GDC (MEN), Ananthapuram.

2015-16

6. Participated in Two Day National Seminar on “Human Rights: Trends and Issues” held at KSN Government Degree College for Women, Anantapur on 9th & 10th December 2015.
7. Presented a paper entitled MOOCs – Curriculum Enrichment in the two Day NAAC sponsored National Seminar on ‘ Innovative and Creative Teaching Learning and Evaluation Methods’ held at SVGM Government Degree College , Kalyandurg on 6th & 7th August 2015.

2014-15

8. Presented a paper on “ Role of Ethics in Teaching Community” at the National Seminar on Human Values & Professional Ethics held at 31st March 2015 at KSN Government Degree College for Women, Ananthapuram

9. Presented a paper entitled “Nanotechnology: Health and Environmental risks of nanomaterials” in the Two Day UGC & APSCHE sponsored National Seminar on ‘Nano Materials and Global Perspectives’ held at Government College (Men), Ananthapuramu on 30&31 January 2015.
10. Participated in International Conference on Frontiers in Nanoscience, Technology and Application 2014 (FINSTA’14) held at Sri Sathya Sai Institute of Higher Learning, Prashanthinilayam, Andhra Pradesh during 20-22 December 2014.
11. Presented a Paper titled – “Food Security in India : Conceptual Issues and Nutritional Aspects” at National seminar on “ Challenges and Strategies of Food Security in India” held on 20th and 21st August 2014 at KSN Government Degree College for Women, Ananthapuram.
12. Presented a Paper entitled – “Impact of Women Entry in Information and Communications in developing Countries” at Women’s Worlds Congress on Gender in a Changing World held on 17- 22 August 2014.

Workshops/FDPs/Training Programmes Attended

1. Participated in the Inter Disciplinary Refresher Course in Disaster Management at UGC- HRDC, Andhra University, Visakhapatnam held from 19-01-2022 to 02-02-2022 and obtained Grade A+
2. Participated in “5 – Day Training Program Teachers on ICT” 22.07.2022 to 26.07.2022 organized by the Commissionerate of Collegiate Education, A.P., Vijayawada at GDC, KADAPA
3. Participated in the Inter Disciplinary Refresher Course in Environmental Sciences online at UGC- HRDC, Andhra University, Visakhapatnam held from 26-08-2021 to 08-09-2021 and obtained Grade A+
4. Participated in “A Five-day APCCE-US Faculty Development Programme on New Knowledge in Physics and energy materials :Advanced Research Techiques from 6th July,2020 to 10th July 2020 Organized by CCE A.P Vijayawada
5. Participated in Two-Week Faculty Development Programme on “Managing Online Classes And Co-Creating MOOCS 2.0” from May 18 – June 03,2020 and obtained Grade A
6. Participated in the Faculty Development Programme on “Effective Teaching Approach to Applied and Engineering Physics” held at Department of Physics JNTUA College of Engineering Ananthapuramu sponsored by TEQIP – III on 5th to 7th August 2019.

7. Attended a ONE DAY Workshop on “Ferrites: Synthesis, Characterization & Applications” held at Department of Physics JNTUA College of Engineering Ananthapuramu sponsored by TEQIP – III on 28th July 2019
8. Attended “ Pre Commissioned Course” SW-102 held at NCC OTA Gwalior from 20 August 2018 to 17 November 2018
9. Participated in the UGC – Sponsored National Workshop on “Women entrepreneurship (NWE-2017)” organized by the WEC on 22nd & 23rd December 2017.
10. Participated in State level “Two Day Work Shop on New Experiments in Physics for College Teachers” on 25th & 26th, Jan, 2017 at GDC (MEN), Ananthapuram.
11. Attended “Refresher Course in Basic Sciences” from 12-12-2016 to 01-01-2017 conducted at UGC – Staff College in Andhra University, Vishakhapatnam.
12. Attended a Two Day Workshop on New Experiments in Physics for Teachers of SK University Area sponsored by the District Resource Centre (DRC) and CPDC at Government College (Autonomous), Anantapur on 25th & 26th January 2017.
13. Participated in a Two Day Workshop for University & College Teachers on Skill Based Courses held at Sri Krishnadevaraya University , Ananthapuramu on 21st & 22nd March 2016
14. Attended a UGC Sponsored Two Day National Workshop on NMR Spectroscopy : Application to Biomolecules (NMRSAB-2015) held at JNTUA College of Engineering, Ananthapuramu from 9-10 January, 2015.
15. Attended a National Seminar on Mathematical Modeling in Physical, Biological & Social Sciences at Degree Level held on 5th & 6th , January 2015 at K.S.N. Government Degree College for Women, Ananthapuram.
16. Participated in International Conference on Frontiers in Nanoscience, Technology and Application 2014 (FINSTA'14) held at Sri Sathya Sai Institute of Higher Learning, Prashanthinilayam, Andhra Pradesh during 20-22 December 2014.
17. Presented a Paper titled – “Food Security in India : Conceptual Issues and Nutritional Aspects” at National seminar on “ Challenges and Strategies of Food Security in India” held on 20th and 21st August 2014 at KSN Government Degree College for Women, Ananthapuram.
18. Presented a Paper entitled – “Impact of Women Entry in Information and

Communications in developing Countries” at Women’s Worlds Congress on Gender in a Changing World held on 17- 22 August 2014.

19. Attended 3 Day training programme on “ A Foundation Course in Human Values and Professional Ethics” held from 25-07-2014 to 27-7-2014 at Government College (Men), Ananthapuram.
20. Participated in National Workshop on Vedic mathematics (NWVM-2014)” held at the Department of Mathematics, JNTUA College of Engineering Anantapur, Ananthapuramu on 25th January 2014
21. Attended Training Programme on Abatement of Climate Change and its effect on Temperature conducted by Commissionrate of Collegiate Education, Govt. of Andhra Pradesh, at MCRHRD, Hyderabad from 6-3-2013 to 8-3-2013.
22. Attended Orientation Course from 17th January, 2013 to 13th February , 2013 conducted in the University of Hyderabad, Andhra Pradesh
23. Attended Training Programme on Abatement of Climate Change and its effect on Temperature conducted by Commissionrate of Collegiate Education, Govt. of Andhra Pradesh, at MCRHRD, Hyderabad from 6-3-2013 to 8-3-2013.
24. Attended “Refresher Course in Experimental Physics” from 02-04-2013 to 18-04-2013 conducted in Sri Sathya Sai Institute of Higher Learning, Ananthapuramu.
25. Attended a one week Training Course on “Atmospheric Sciences” in IIIT Madras, in May, 2008.
26. Attended Five- Day Residential Training Programme for Teachers on Content Delivery Assessment Methods pertaining to Skill Courses for III Semester “Environmental Education” from 12th to 16th October 2022 organized by Commissionerate of Collegiate Education, A.P., Mangalagiri.

Guest Lectures Delivered:

2017

- Presented a *Guest Lecture* on the topic “*Simple Harmonic Motion*” to the Students of IMPCs & MPC on Tuesday ,7th February 2017 at Government Degree College Uravakonda, Ananthapur.

2019

- Presented a *Guest Lecture* on the topic “*LOW TEMPERATURE PHYSICS*”, to the students of (II MPC & MPCs) at SVGGM, Government Degree College , Kalyandurg on 08-03-2019.

2021

- Presented a *Guest Lecture* on the topic “*Science & Technology 2021*” to the students of 10th Class at A.P. Model School, Dharmavaram.

2022

- Presented a *Guest Lecture* on the topic “*Superconductivity*” to the students of IV SEM at PS Government Degree College, Penukonda.