

RESUME

1. Name : Dr. T.Swarna Latha
2. Date of Birth : 10-06-1977
3. Educational Qualifications : M.Sc.,Ph.D.
3. Address : w/o.D.Sudhakara Rao
D.No.2-624
Opp. Veterinary Office
Arasavalli – 532401
Srikakulam (AP).
4. Telephone : 9440112888
5. Email : swaharshi.sl@gmail.com
6. Whether you belong to SC/ST/OBC : OBC
7. Place of working : Dr. VS krishna Govt.Degree College(A)
Visakhapatnam
(from September 2021-till date)
8. Languages Known : Telugu,English,Hindi



Teaching Experience

1. Worked as a Senior Lecturer in “SARADA DEGREE COLLEGE”, Srikakulam, from 2000-2003.
2. Worked as a Junior Lecturer on contract basis in “Govt. College for Women”, Srikakulam from Nov.2001 to Mar.2002
3. Worked as a Senior Lecturer on contract basis in “Govt. College for Women”, Srikakulam from Sept.2003 to Dec 2003
4. Worked as a Asst.Prof.in SVCE, Singupuram, & AITAM, Tekkali, SRIKAKULAM [dt].From 2008oct-2011dec.

Research Publications:

1. Impedance–Spectroscopy Analysis and Piezoelectric Properties of $\text{Pb}_2\text{KNb}_5\text{O}_{15}$ Ceramic
K. Sambasiva Rao, P. M. Krishna, **T. Swarna Latha** and D M. Prasad

Materials Science and Engineering B, 131 (2006) 127 - 134.

2. *Electrical and Electromechanical studies on Tungsten-Bronze Electroceramic: Lead Potassium Dysprosium Niobate*
K. Sambasiva Rao, D. M. Prasad, P. Murali Krishna, **T. Swarnalatha** and J.H.Lee
Journal of Optoelectronics and Advanced Materials – RC, 1 (2007) 510 - 519.
3. *Frequency – dependent electrical characteristics of ferroelectric $Pb_{4.0}K_{1.0}Li_{1.0}Nb_{10}O_{30}$ ceramics*
K. Sambasiva Rao, P. Murali Krishna, D. M. Prasad, **T.Swarnalatha**, M. Hussain
European Physical Journal Applied Physics – 39 (2007) 237 - 249.
4. *Impedance spectroscopy study of the ferroelectric $Pb_{0.8}K_{0.1}Dy_{0.1}Nb_2O_6$ Ceramics*
K. Sambasiva Rao, **T. Swarna Latha**, P. M. Krishna, D. M. Prasad
International Journal of Modern Physics Letters B – 22 (2008) 1251-1264
5. *Dielectric Spectroscopy characteristics of Ferroelectric $Pb_{0.77}K_{0.26}Li_{0.2}Ti_{0.25}Nb_{1.8}O_6$ ceramics*
K S Rao, P M Krishna, Dasari Madhava Prasad, **T.S.Latha** & C satyanarayana
Philosophical Magazine, 88 (2008) 3129-3143

PAPERS PRESENTED AT NATIONAL CONFERENCES/SYMPOSIA

1. *Electrical and Electromechanical Properties of Lead Potassium Yttrium Niobate Ceramics- Piezoelectric Applications*
K. Sambasiva Rao, P. M. Krishna, D. Madhava Prasad, **T. Swarnalatha** and J.-H Lee
Presented at **XIV NATIOANL SEMINAR ON FERROELECTRICS AND DIELECTRICS**, Dec 18- 21, 2006, held at IIT Kharagpur, Kharagpur, India.
2. *Completely filled TB type structure $Pb_{0.77}K_{0.26}Li_{0.2}Ti_{0.25}Nb_{1.8}O_6$ Ferroelectric ceramic – structure, dielectric, impedance and electric modulus analysis*
K. Sambasiva rao, P. Murali krishna, D. Madhava prasad, **T.Swarnalatha** and C.Satyanarayana

Presented at **XIV NATIOANL SEMINAR ON FERROELECTRICS AND DIELECTRICS**, Dec 18- 21, 2006, held at IIT Kharagpur, Kharagpur, India.

PAPERS PUBLISHED IN THE NATIONAL CONFERENCE PROCEEDINGS

1. *Impedance – Spectroscopy Analysis and Piezoelectric Properties of Samarium modified Lead Potassium Niobate Ceramics*

K. Sambasiva Rao, P. Murali Krishna, **T. Swarna Latha** and D Madhava Prasad

Published in Proceedings of National Seminar on Advances in Electroceramics–2006, held on May 05-06, 2006, A R D E, Pune-INDIA.

Individual profile in different activities

For the academic year 2016-17

1. UTF has invited as a guest for formation of “**UTF women Forum**” on 25-09-2016 at Girls high school.
2. UTF has invited as a guest for “**Savitri Bhai Phule Jayanti**” on 03/01/2017

For the academic year 2017-18

1. Participated in “Recent **trends in Renewable energy technologies RET- RET 2017**” on 19th, November 2017 held at Government degree college for women, Srikakulam.

For the academic year 2018-2019

1. Attended as a **judge** for “**DyanSangrah Science Fest-2018**” at Kakinada Aditya Degree College, Srikakulam on 15/12/2018.

For the academic year 2019-2020

1. Attended as **chief superintendent** for conducting various posts in villagesecretariats, Narasannapeta on 01-09-2019.
2. Attended as **presenter** in physics, Vth sem, on Electromagnetic induction at **MANA TV, APCCE**, on September 21st, 2019.

3. Involved in “**DST INSPIRE Internship science camp**” organized by department of Bio-technology Government degree college (M), Srikakulam from 23rd, September 2019 to 27th , September 2019.
4. Participated in 5th, **Andhra Pradesh science Congress APCS- 2019** held at Dr B.R.Ambedkar University, Srikakulam during 28th, November 2019 to 30th, November 2019.
5. Completed **NPTEL** online 12 week course, JUL-OCT 2019.
6. Attended as **chief guest** for celebrations of **Women’s Day-2020** on March 8th at **RGUKT, Srikakulam**.

For the academic year 2020-2021

1. Participated in Collegiate Education is organizing Online Faculty Development Programmes (FDPs) to enhance and upgrade college teachers’ on “**New Knowledge, Advanced Teaching, Research: New frontiers and Emerging Technologies**” on 6.07.2020-10.07.2020
2. Attended a 5 Day FDP in “LMS Video & Pedagogy” Organized by APCCE, Vijayawada from 03-08-2020 to 07-08-2020
3. Selected as **a content generator** in physics, APCCE, LMS. Proceedings on 01/AP -CCE/ LMS/AC-7/2020-21 of spl.cce, dt.27-05-2020.
4. Attended a Five-day APCCE - US FDP on “New Knowledge in Physics and Energy Materials: Advanced Research Techniques” Organized by APCCE, Vijayawada, UL-USA, SU-USA, ECSA-USA from 06-07-2020 to 10-07-2020.
5. Successfully completing the ARPIT course for CAS promotion – “Introduction to Quantum Physics and its Applications” from 01-12-2020 to 31-03-2021 with grade D in the proctored examination held on 21-08-2021, IIT Bombay.
6. Successfully completing the ARPIT course for CAS promotion – “Refresher course on Teacher and Teaching in Higher Education” from 01-12-2020 to 31-03-2021 with grade B in the proctored examination held on 21-08-2021, Savitribai Phule Pune University, Pune

For the academic year 2021-2022

1. Successfully completed online one week FDP on “Multimedia Tools for Teaching and Learning” from 22-28, July 2021 and obtained grade A+

2.Successfully completed “3 Day Faculty development & Training Programme” on PODCAST held from 12th to 14th August 2021, organized by APSCHE, Govt.of AP in association with APCCE, AP.