

**SRI VENKATESWARA ARTS COLLEGE: TIRUPATI**  
**TEACHER PROFILE**



1. Name of the Faculty Member : Dr. D. SRISILPA
2. Father's/Husband's Name : Dr.T.R.TRIVEDI
3. Date of Birth : 28-10-1978
4. Designation : LECTURER ON CONTRACT
5. Department : ELECTRONICS
6. Date of joining as a Lecturer : 02-02-2002
7. Date of joining in T.T.D. Service as Lecturer: 19-07-2004 as Contract Lecturer
8. Educational Qualifications : M.Sc(ELECTRONICS) from S.V.University  
:M.Phil from S.V.University  
PhD from S.V.University, NET QUALIFIED
9. Innovations in Teaching Learning:

S. No	Subject/Paper taught	Teaching learning practices/ICT enabled tools and e- resources for enrichment of teaching, learning and evaluation process (PPTs, Open access learning, resources accessed and enlightenment of students on this aspects,) specify details (2 per each PPT and 2 per each other resource)
1.	DIGITAL ELECTRONICS Paper-III	Micro sim evaluation8 software for simulation of circuits,T.V
2.	ANALOG AND DIGITAL IC APPLICATIONS Paper-IV	IIT Videos presented to the students, T.V
3.	ELETRONIC COMMUNICATIONS Paper-VI(a)	IIT Videos are shown and explained software for simulating modulating circuits
4.	MICRO CONTROLLER AND INTERFACING Paper VII(a)	IIT Videos are shown and explained Kiel Software is introduced
5.	EMBEDDED SYSTEMS DESIGN Paper VIII(A1)	IIT Videos are shown and explained
6.	ELECTRONIC INSTRUMENTATION Paper-VIII(A2)	IIT Videos are shown and explained

10. Area of Interest : Semiconductor devices and VHDL
11. Awards and Recognitions : Savitri Bai phule award for the academic year 2020-21

12. Memberships : Member of IETE in the year 1999-2000

13. Projects Handled : 1. Development of CPU Bus Extender Card Using Verilog HDL  
2. Design and Development Of Programmable Pulse Generator Using CPLD.

14. Online webinars/Seminars/FDP's/STTP's: Attended more than 20 Webinars, 6 FDP's  
And 3 STTP's.

15. List of research publications/Details of paper presentations at Seminars/Workshops:

S. No	Title with Page No.	Journal	ISSN/ISBN No.	Impact factor/Peer reviewed if any
1.	Transport mechanisms and interface properties of W/p-InP Schottky diode at room temperature 90(4) · August 2015.	Indian Journal of Physics	ISSN 0973-1458	1.09
2.	Rapid thermal annealing effects on the electrical, structural and morphological properties of Yb/p-type InP Schottky Structure , Volume 1, Issue 1, pp.73-81 January 2015	Electronic Materials Letters	ISSN 1738-8090	2.057
3.	Electrical and structural properties of tungsten Schottky contacts to p-type InP at different annealing temperatures 71 · July 2014	Superlattices and Microstructures	ISSN: 1096-3677	2.097
4.	Design and Development of Programmable Pulse Generator with decrease in rise and fall Times Using CPLD Vol: 15 Issue: 01, July 2013	International Journal of Electrical, Electronics and Computer Systems	ISSN 2722-2578	3.94
5.	Design and Development of Programmable Pulse Generator Using CPLD Volume 4, Number 2 (2011), pp.153-159	International Journal of Electronics and Communication Engineering	ISSN 0974-2166	1.517

16. Papers in Conference/Seminar/Workshop. Participation and presentation of papers (oral/poster)

S. No	Title of the paper Presented/Participated	Organized by	International, National, Regional, local- university/College level
1.	Participated in 104 <sup>th</sup> Indian National Congress	S.V.University	National- level
2.	Data mining and its techniques	S.P.M.V.VIDYALAYAM	National- level
3.	A genetic Algorithm for minmax Optimization problems	S.P.M.V.VIDYALAYAM	National- level
4.	Internet and E-Governance	S.V.University	National- level

17. Teaching Experience

: 19 years 4Months

Sl. No	Designation	Name of the College	Subject/ Courses taught	No. of years	No. of times spot valuation attended
1.	Lecturer	S.V.Arts College	Electronics,B.Sc	13 years 5months	20
2.	Lecturer	Gayatri Degree College	Electronics,B.Sc	4Months	-
3.	Lecturer	Priyadrasini Degree College	Electronics,B.Sc	1year 3 Months	-
4	Lecturer	S.V.Arts College	Electronics,B.Sc	2 years	2
5	Lecturer	SKIOH	Electronics,B.Sc	1 year	-
6	Lecturer	Pavitra Degree College	Electronics,B.Sc	1 year4 Months	-