

FACULTY PROFILE

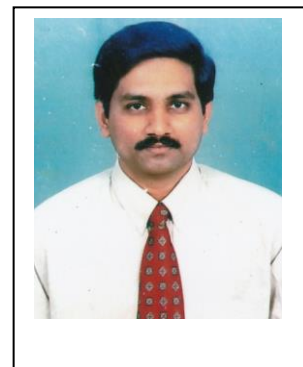
Name: Dr. Tallapragada D.N S.S. Sarveswara Rao

Designation: Assistant Professor

Qualification: B.E, M.Tech, Ph.D

Experience: Years

Teaching: 11 Industrial: 7 Research: 0



Area of Specialization: Optical Wavelength Division Multiplexing

Date of joining: 04-07-2014

Date of birth: 20-06-1969

Research Interests: Optical Communications, Wireless communications, Digital communications.

Address for Communication: 7-40-25, Chetla Road, Satyavati Nagar
Tadepalligudem-534101 WGDt, A.P.

Email: tdnsssr@gmail.com

Mobile No: 9492400765

Academic Degree: (From highest)

Degree	Board/College/University	Year of Pass	Percentage
Ph.D	Himalayan University, Itanagar	2021	AWARDED
M.Tech	National Institute of Technology, Calicut	1996	723%
B.E(ECE)	S.R.K.R.Engineering College, Bhimavaram(Andhra University)INDIA	1990	67.7%
Intermediate	D.R.G.Govt college, Tadepalligudem	1986	79.7%
SSC	Z.P.H.School, Pedanindralolonu	1994	75%

Experience particulars: (latest first)

College/University	Designation	Duration
Sri Vasavi Engineering College, Tadepalligudem	Assistant Professor	4 th July 2014 onwards
MSSIST, Mylavaram	Associate Professor	2012 - 2014(2 Yrs)
RCI-Technologies,USA	Senior Software Engineer	2000-2003(2 Yrs)
Philips Software center, Bangalore	Senior Software Engineer	1999-2000(2 Yrs)
Integra Micro Systems (p) Ltd, Bangalore	Software Engineer	1996-1998(2 Yrs)
LRDE, Bangalore	Project Trainee	1996 (6months)

Sir.C.R.R.Polytechnic, Eluru	Associate Lecturer	1993-95(2 Yrs)
Shatavahana College, Vijayawada	Lecturer	1993(6months)

Administration:

Papers Published in referred Journals:

National:

International: 9

Papers presented in Conferences:

National:

International: 1

Keynote address/Guest Lectures delivered: 0

No. of Workshops / Seminars/FDPs Conducted: 1

No. of Workshops / Seminars/FDPs Participated: 15

No. of projects guided/guiding:

UG: 25

PG: 4

No. of Ph.D's guided/guiding: 0

Technical Society Memberships: MISTE

Courses Taught:

B.Tech: Optical Communications, Cellular and Mobile Communications, Wireless Sensor Networks, Computer Networks, Network Theory, Internet of Things, MEMS, ECA, Data Structures and Algorithms

M.Tech: Internet of Things, Digital Data Communications, Wireless Communications and Networks

Achievements: (If any)

GATE-95: 89.45

GATE-94: 85.38

Scholarships:

- National merit scholarship for SSC Marks
- Telugu Vignana parithoshikam scholarship for Intermediate marks

CERTIFICATIONS:

- Brainbench certification in C++
- Software Engineering Institute certification in CMM (Capability Maturity Model)

Papers Published:

- **IOT BASED SMART HEALTH MONITORING SYSTEM USING BEAGLE BONEBLACK.**

Published in Scopus indexed Journal - International Journal of Innovative Technology and Exploring Engineering (IJITEE).

- **IOT BASED SMART WATER MANAGEMENT SYSTEM USING LONG RANGE COMMUNICATION.**

Presented in Conference at NCPQROCM-2019, S.R.K.R.Engineering College, Bhimavaram

- **SMART IOT DEVICE FOR CHILD SAFETY AND TRACKING.**

Published in Scopus indexed Journal - Journal of Optical Communications (JOC)- Germany.

- T.D.N.S.S.Sarveswara Rao, Assistant Professor, Department of Electronics and Communication Engineering, Sri Vasavi Engineering College Tadepalligudem, Andhra Pradesh, INDIA. “BER Performance Of The Iterative Receiver Flip-ofdm Based Optical Wireless Communication”, International Journal of Research and Analytical Reviews , VOL.5, Issue:2, 2018

- T.D.N.S.S.Sarveswara Rao, Assistant Professor, Department of Electronics and Communication Engineering, Sri Vasavi Engineering College Tadepalligudem, Andhra Pradesh, INDIA. “A Robust Technique for Optical OFDM Systems in Clipping Noise Mitigation”, International Journal of Management, Technology And Engineering , VOL.8, Issue:XI, 2018

- Lavanya.Vedangi, T.D.N.S.S.Sarveswara Rao, Assistant Professor, Department of Electronics and Communication Engineering, Sri Vasavi Engineering College Tadepalligudem, Andhra Pradesh, INDIA. “Efficient Image Segmentation using Wavelets, ANN and PNN Neural Network Retina Funds Image”, International Journal of Management, Technology And Engineering , VOL.8, Issue:XI, 2018

- **SCOPUS** T.D.N.S.S.Sarveswara Rao, Dr.Amit Kumar Jain, Himalayan University, Itanagar, “*Optimization of High-Performance Analysis with Plastic Optical Fibers Technique in Advanced Local Area Optical Communication Networks*”, Solid State Technology, VOL.63, Issue:6, 2020

- **UGC** T.D.N.S.S.Sarveswara Rao, Dr.Amit Kumar Jain, Himalayan University, Itanagar, “*Improving Quality of Service using Plastic Optical Fiber Technology in LANs and its Advantage:Performance Analysis*”, International Journal of Management, IT & Engineering, VOL.9, Issue:6, 2019

- **UGC** T.D.N.S.S.Sarveswara Rao, Dr.Amit Kumar Jain, Himalayan University, Itanagar, “*Advancement of Bandwidth Optimization and Wavelength Division Multiplexing Of Plastic Optical Fiber in LANs: A Study*”, International Journal of Engineering, Science and Mathematics, VOL.7, Issue:4, 2018
- **CONFERENCE** T.D.N.S.S.Sarveswara Rao, Dr.Amit Kumar Jain, Himalayan University, Itanagar, “*A Critical Study On :Recent Advances In Wavelength-division-multiplexing Plastic Optical Fiber Technologies*”, International Journal of Advanced Research in Basic Engineering Sciences and Technology, VOL.6, Issue:6, 2020