

FACULTY PROFILE



NAME : SRINIVAS SIDHIREDDY
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : PHYSICS
COLLEGE : DR S.R.K GOVERNMENT ARTS DEGREE COLLEGE,
YANAM, PUDUCHERRY U.T , INDIA.

ACADEMIC DETAILS

Degree/Exam	Institute	Year	Teaching
M. Tech(Applied Optics) (Master in Technology)	Indian Institute of Technology, Delhi.	2008-2010	
M. Sc (Master of Science), (Physics).	Pondicherry University, Pondicherry.	2005-2007	
B. Sc Bachelor of Science (Mathematics, Physics, Electronics)	Mrs. A. V. N.College, Visakhapatnam.	2002-2005	

Expreience

Worked as lecturer in Physics at IIIT Nuzvid campus, RGUKT, From 15-06-2010 to 20-01-2018. Having Experience of more than 7.5 years.

Working as Assistant Professor of Physics at Dr. S.R.K. Government Arts College, Yanam from 22-01-2018 to till date with more than 4 years Service under Government of Puducherry.

ACADEMIC PROJECTS

"Orbital Angular Momentum of Light Fields", (M. Tech project, presently doing) under the guidance of **Dr.P SenthilKumaran**, Assistant Professor, Indian Institute of Technology, Delhi, India.

1. **"Transducer Position Control by stepper motor"** (M. Sc Project) under the guidance of Prof T.K. Nambiraraynan, Professor, Pondicherry University, Pondicherry.

PUBLICATIONS AND PAPERS

1. The work titled **"Transducer Position Control by Stepper motor"** was presented in poster and published in **"National Symposium on Instrumentation (NSI-32), India**, and it was also communicated with the journal **"Indian Society of Instrumentation"**.
2. The work titled "Theory of High Field Magnetization in $Pb_{1-x}Mn_xSn_ySe$ " **was presented in poster ICMAGMA 2014, an International Conference**
3. The work titled, 'Transverse Orbital Angular Momentum Density of Optical Vortex Dipoles and Dipoles Arrays in Gaussian Beam Profile' presental at **International Symposium of Photonics and Plasmonics - 2019, (ISPP-2019) at Central University of Rajasthan, on 23rd -24th Sept, 2019.**
4. The work titled **"Preparation and Characterization of Mn-Zn Ferrite ($Zn_{0.8}Mn_{0.2}Fe_2O_4$) Under Different Processing Conditions "** for National Conference on Recent Trends on Advanced Materials and Characterization, at your esteemed institution conducted by V.S.M College, Ramachandra Puram, EG.D.T on 29th and 30th January ,2020.

Orientation/Refresher Courses Attended

Attended and completed successfully 130th Orientation Program Organized by Pondicherry University, U.G.C.-H.R.D.C., from 20th Nov-10th Dec,2019 with A Grade.

Attended and completed successfully Refresher Program (online) Organized by Pondicherry University, U.G.C.-H.R.D.C., from 04th -17th August, 2021 with A Grade

SEMINARS/CONFERENCES AND WORKSHOP

1. Attended One day National Seminar on **"PATTABHI LITERATURE AND ITS RELEVANCE"** on 19th Febravary 2018 at Dr S.R.K Govt Arts Degree College, Yanam.
2. Participated in **"NPTEL AWARENESS WORKSHOP"** jointly organized by NPTEL-IIT Madras& RGUKT Basar campus on 29-07-2017
3. Participated in **"TECHNOLOGY ENABLED LEARNING IMPLEMENTATION CAPACITY BUILDING WORKSHOP"** from 5-7 June, 2017 organized by Commonwealth of Learning Canada& RGUKT Nuzvid campus at RGUKT Nuzvid campus.
4. Participated in **"TECHNOLOGY ENABLED LEARNING IMPLEMENTATION POLICY DEVELOPMENT WORKSHOP"** from 15-16, March, 2017 organized by Commonwealth of Learning Canada& RGUKT Nuzvid campus at RGUKT Nuzvid campus.
5. **ZeeMax software training for OPTICAL DESIGN ZEMAX** at IIT Delhi 21 Sept, 2009 at Department of Physics IIT Delhi.

SCHOLASTIC ACHIEVEMENTS

- Stoop in 5th place in U.P.S.C selection for Assistant Professor for Physics at Puducherry Degree colleges in April , 2017.
- **HRD Scholarship:** A recipient of MHRD scholarship for pursuing M. Tech at IIT Delhi for, "All INDIA **GATE 2008**", rank 227 (Second rank Position in Admission process to the Course) with 96.08%.
- All India **Joint Entrance Screening Test(JEST)2008** for pursuing PhD in Research Institutes, rank 326 with 92.67%.
- **ALL INDIA Pondicherry Central University common Entrance(Physics) 2005** test rank 17.
- Won **Best Exhibit Award**, for "**Automatic Street Lighting**" in Science Day Celebrations organized by Mrs. A. V. N. College, Visakhapatnam, India, in 2004.
- Won **second Prize**, in the area of Physics for exhibiting "**Nuclear Reactor model** " in "**Under Graduated Brain Share 2004**" conducted in BOBBLI , Andhra Pradesh, India.