

Curriculum Vitae

Sri Karumuri Venkanna
Lecturer in Physics
Department of Physics
SGA Govt.Degree college, Yellamanchili
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Academic Qualifications:

Name of the qualification	Name of the Institution	% of Marks	Year of passing
M. Tech in Applied Optics	IIT, Delhi	87.0	2009
M.Sc in Physics	Andhra University, Visakhapatnam	68.8	2006
B.Sc.(MPE)	VSR Govt. Degree College, Movva	89.0	2004
10+2 (MPC)	Jawahar Navodaya Vidyalaya, Veleru	77.0	2001
10 th	Jawahar Navodaya Vidyalaya, Veleru	78.8	1999

M. Tech Thesis:

Design and Realization of PPLN Based Optical Parametric Oscillator

Teaching experience: ~ 12 Yrs

- Worked as Lecturer in Physics at APIIT, Nuzvid (RGUKT), from 15/06/2010 to 03/04/2012
- Worked as lecturer in Physics at Govt. Degree College, Plakonda, Srikakulam Dt., from 04/02/2012 to 02/09/2015
- Worked as lecturer in Physics at Govt. Degree College (Men), Srikakulam since 03/09/2015 to 03-10-2021.
- Working as Lecturer in Physics at SGA Govt. Degree college, Yelamanchili since 04/10/21 to till date.

Academic Fellowships/Awards/Medals and Other Qualifications:

- Selected as Lecturer in Physics in 2011 (UGC-New Delhi Norms) by APPSC, Govt. of Andhra Pradesh, India
- Qualified & secured 77th rank in the joint CSIR-JRF (NET) examination for the award of Junior Research Fellowship and Lectureship under CSIR category held in Dec. 2009.
- Qualified the Graduate Aptitude Test in Engineering examination in 2007 (GATE-192) conducted by Indian Institute of Technology (IIT), India.
- Secured **11st Rank** in PG Entrance Test in Physics conducted by Andhra University, Visakhapatnam in 2004
- Secured **3rd Rank** in PG Entrance Test in Physics conducted by Acharya Nagarjuna University, Guntur in 2004

Conferences attended:

- Organized APCOST sponsored Regional Level Science Fair on the occasion of National Science Day at Govt. Degree College, Palakonda, held on 25th February 2014.

- Presented a Paper in the National Conference on “PPLN based optical parametric oscillator” organized by Dept. of Physics, M R College on 9th and 10th November 2012
- Participated in the DRC Srikakulam sponsored State Level Workshop on “Capacity Building of Research Culture in Under Graduate Institutions ”, organized by Govt. Degree College (W), Srikakulam, held on 18th and 19th January 2014
- Participated in the National Level Workshop on “Applications of Nanomaterials for sustainability” organized by GMRIT, Rajam, during 22nd and 23rd March 2014.
- Participated in the National Level Workshop on “Advances in Nanomaterials Processing, Characterization and applications” organized by GMRIT, Rajam, during 22nd and 23rd August 2015.
- Participated and presented a paper (Meta Materials) in the Two Day National Seminar on Recent Trends in nanoscience and nano Technology” organized by Dept. of Physics, M R College, Vizianagaram held on 26th & 27th November 2016.
- Recent trends in Renewable energy technologies RET-RET 2017 on 19.12.2017 at GDC(w), Srikakulam.
- Observer for SVU distance education at Govt. Sanskrit college, Vizianagaram from 27.08.2017 to 06.09.2017
- Guided the student named R. Manohar Prasad Sri GCSR college Rajam for summer research project duration of two months.
- Participated in workshop on “ OER content development, Moocs and moodle” Organized by NIT Warangal from 09.11.2018 to 14.11.2018.

- Cleared ARPIT -2019 examination on “Physics of semiconductors and devices” on 03.03.2019.
- . Acted as judge for poster presentation and model making and delivered lecture on “advances in Physics” in “Blaze Physics 2020” programme organized by Kakinada Aditya degree college, Srikakulam on 11th February 2020.
- Participated in “ A five day APCCE –US Faculty development programme on new knowledge in Physics and Energy materials: Advanced Research Techniques” from 6th July 2020 to 10th July 2020. Organized by Commissionerate of collegiate education, AP, Vijayawada.
- Attended “5th Andhra Pradesh Science Congress [APSC-2019]” held at Dr.B.R. Ambedkar University, Srikakulam, during 28th -30th November 2019, and presented poster on Simulation of multichannel filter in the photonic band gap of two quarter wave stacks separated by N-defect layers.
- Acted as a resource person for Physics practical training in “DST inspire internship science camp” organized by department of biotechnology, Govt. Degree college (Men), Srikakulam, from 23rd -27th September 2019.
- Attended a two day national conference on “Future challenges of higher education institutes in assessment accreditation and Ranking Framework Methodologies” FCHIARF-2020 organized by IQAC, Govt. College for women, Srikakulam on 31st January & 1st February 2020, presented a paper on Higher recompense to higher highly qualified a way to economic development.
- Mentored the students on “Mobile vehicle waste management system” a student university level project which fetched the third prize.
- Completed FDP course on " Solid state physics" through NPTEL Swayam platform in Dec-2020.
- Completed FDP course on " Computational Physics" through NPTEL Swayam platform in Dec-2020
- Completed FDP course on " Material characterization" through NPTEL

Swayam platform in Aug- 2021

- Acted as co-ordinator for affiliation committee constituted by the Dr B R Ambedkar University, Etcherla for 6 colleges in Sept-2021.
- Participated and acted as a co-ordinator for "Intellectual property rights" awareness programme conducted on 22-02-2022 through online platform CISCO webex at SGA Govt. Degree college, Yellamanchili.
- Registered Ph.D programme in NIT-Tadepalli gudem on 17.08.2020.

Refresher and Orientation Courses:

- Attended Refresher Course, organized by JNTU, Hyderabad, during from 25/03/2013 to 18/04/2013
- Attended Orientation Course, organized by University of Hyderabad, Hyderabad, during from 26/04/2012 to 23/05/2012

- Completed ARPIT-2018 on Semiconductor Physics

Technical Expertise:

- Analytical techniques such as ZEEMAX (Optical System design software)

Area of Interest:

- Non-Linear Optics

Personal Profile:-

Name:	Sri Karumuri Venkanna
Father's Name:	Mr. K. Veerabhadra Rao
Mother's Name:	Mrs. K. Dhana Lakshmi
Date of Birth:	16/07/1983
Nationality:	Indian
Religion:	Hindu
Marital Status:	Married
Languages Proficiency:	English, Telugu, Hindi