

NAME: Dr. P. VENKATESU

MOBILE NUMBER: +91 9912868469

DESIGNATION: Associate Professor

DEPARTMENT: Physics

EMP. ID: 0846315

EMAIL: venkateshpudi92@gmail.com
venkateshpudi@yahoo.co.in



Academic Qualifications: M.Sc., PGDCA, Ph.D.

M.Sc.	Sri Venkateswara University, Tirupathi
PGDCA	YUVA SHAKTI EDUCATIONAL SOCIETY, A Government Initiative, Hanumukonda.
Ph.D	Sri Venkateswara University, Tirupathi Topic: STUDIES ON DILUTED MAGNETIC SEMICONDUCTORS-Preparation and characterisation of CdS: Mn DMS Nanoparticles.

Area of Specialization

Nanomaterials: Synthesis, characterisation and properties.

Teaching Experience

1.	U.G. - From 21-09-1998 to date (24 years)
----	---

Administrative Experience

1.	Working as a Coordinator of IQAC
2.	Worked as a Deputy Warden for Boy's Hostels
3.	Worked as a Coordinator of RRC
4.	Worked as a Coordinator of Skill Development Program
5.	Worked as a Coordinator of Maths and Science Association
6.	Reviewer for American Association for Science and Technology (AASCIT) journal.
7.	Reviewer for Physical Sciences Research International (PSRI) journal.

Research Publications

1. Reddy Veera T., Venkatesu P., Reddy T. S. and Suresh S. "Cadmium sulphide(CdS) quantum particles: synthesis characterization and properties"-International journal of research in chemistry and environment- vol. 2 issue1 Jan. 2012(218-220) ISSN 2248-9649.
2. P. Venkatesu, "Structural evolution of manganese doped cadmium sulphide diluted magnetic semiconducting nanocrystalline particles"-proceedings of the national conference on trends in renewable energy sources applications & technologies- ISBN:978-81-922119-3-0 dated 1-3 Feb. 2012.
3. P. Venkatesu, K. Ravichandran, "Manganese doped cadmium sulphide(CdS: Mn) quantum particles: topological photoluminescence and magnetic studies"- Advanced materials letters(VBRI Press)-DOI: 10.5185/amlett.2012.7379 [ISSN:0976-3961] dated 26 Aug. 2012 (201-206)
4. P. Venkatesu, K. Ravichandran, B. K. Reddy, "Morphological and impedance studies in diluted Mn-doped CdS nanocomposites"-Advanced materials letters(VBRI Press)-DOI: 10.5185/amlett.013.2429 [ISSN:0976-3961] dated 1 May. 2013 (786-791).
5. P. Venkatesu, "Doping effect of Mn on structural optical magnetic and electrical properties of CdS nanoparticles"-proceedings of the international conference on advanced nanomaterials and emerging engineering technologies-ISBN:978-1-4799-1379-4 dated 26 Jul.2013 (260-263)
6. P. Venkatesu, "A brief review on co-curricular activities"-proceedings of the national seminar on innovations in science education-ISBN: 978-93-82163-92-3 dated 3 Feb. 2015 (252-253)
7. P. Venkatesu, "A brief review on teacher effectiveness in education"-proceedings of the national conference on today's education system-ISBN:978-93-85187-13-1 dated Oct. 2016 (151-152)
8. P. Venkatesu, "A brief review on the teacher training technique-microteaching"-proceedings of the international conference on recent approaches in teacher education-ISBN: 978-1-926488-64-6 dated 31 Jul. 2017 (35-41)
9. P. Venkatesu, "Estimation of intrinsic strain in manganese doped cadmium sulphide nanoparticles"- International journal of pure and applied mathematics-ISSN:1314-3395 dated 8 Dec. 2017 (35-41)
10. P. Venkatesu, "A brief review on physiological and psychological aspects of adolescents"-proceedings of the national seminar on strengthening adolescents' mental health and their suicide prevention-ISBN: 81-903674-5-5 dated 22 -23 Jun. 2018 (143-144)
11. P. Venkatesu, J. Subrahmanyam, V. Raja, "A comprehensive review on astrophysics"-book of abstracts of the national conference on cosmology and particle physics-ISBN:978-93-81899-93-9- dated 1-2, Oct. 2018 (83-86)
12. P. Venkatesu, "A comprehensive review of learning in educational psychology"- ISSN:2456-2696 dated 6th Mar. 2020 (94-99).
13. P. Venkatesu, B. Annapurna Sarada, "A Brief Review on Indian Education System from the Beginning", (to be published) in AIFUCTO XXI STATUTORY CONFERENCE proceedings held on 7th to 9th January 2022 at S.V. University, Tirupathi, Andrapradesh.

Special Lectures Delivered:

Govt. Degree College, Naidupet,
Govt. Degree College, Venkatagiri.
Govt. Degree College, Sullurpet.

Refresher Course/Orientation Course Attended

1.	Participated in a Four-week orientation program from 23-5-2005 to 18-6-2005 at SV University, Tirupathi.
2.	Participated in a Three-week refresher course in information technology from 19-12-2005 to 7-1-2006 at SV University, Tirupathi.
3.	Participated in a <i>Three-week</i> refresher course in environmental studies from 12-7-2010 to 31-7-2010 at SV University, Tirupathi.
4.	Participated in a Refresher course on experimental physics from 22, Mar. to 6, Apr. 2011 at IASC, Bangalore.
5.	Participated in an online Four-week orientation programme for Faculty in colleges of higher education from June 26 to July 24, 2020, organized by Ramanujan College, the University of Delhi.

National & International Seminars/Conferences/ Workshops Attended

<ul style="list-style-type: none"> ● National conference on advances in materials science during 27-28, Jan. 2007 at Gulbarga University, Gulbarga. ● National workshop on VLSI Design & Nanoelectronics during 30-31, Mar. 2007 at Sri Venkateswara college of engineering and technology, Chittoor. ● National conference on emerging materials during 18-19, Jul. 2009 at NBKR Institutes, Vidyanagar. ● National level conference on recent trends in the field of nanoscience and technology during 25-26 Mar. 2010 at Anna University, Chennai and <i>won third prize for oral presentation.</i> ● <i>Three-week</i> refresher course in environmental studies from 12-7-2010 to 31-7-2010 at SV University, Tirupathi. ● Seminar on technology with a human face on 10 Aug. 2010 organized by district resource centre of Nellore. ● National seminar on development in higher education-impacts and implications during 30 Aug. 2010 at Padmavathi Viswavidyalayam, Tirupati. ● Orientation program on the use of ICT in teaching and learning during 4-7 Oct. 2010 at DRW college, Gudur. ● Lecture on nanotechnology during 29-12-2010 at govt. degree college, Naidupet as a resource person. ● Refresher course on experimental physics from 22, Mar. to 6, Apr. 2011 at IASC, Bangalore.

- National conference on emerging trends in spectroscopy from 18-20, Jan. 2012 at Tiruvalla, Kerala.
- National conference on trends in renewable energy sources applications and technologies from 1-3, Feb. 2012 at Sathyabhama Univesity, Chennai and won the best paper award.
- International conference on advanced nanomaterials and emerging engineering technologies from 24-26, Jul. 2013 at Sathyabhama Univesity, Chennai
- Science academies education program 25 mid-year meeting from 4-5, Jul. 2014 at IASc, Bangalore.
- International conference on energy materials from 28-30, Jul. 2014 at Sathyabhama Univesity, Chennai
- Science education program (80th annual meeting) from 6-9, Nov. 2014 at Chennai.
- National conference- nano India, at Thanjavur from 29-30, Jan. 2015.
- National seminar on innovations in science education: A research-oriented approach during 2-3 Feb. 2015 at KVR Govt. college for women, Kurnool.
- Fifth Indian peptide symposium on 24-25, Sep. 2015 at Jawaharlal Nehru Centre for advanced scientific research, Bangalore.
- International e- workshop/conference on computational condensed matter physics and materials science from 18-22, Oct. 2015, at AVB-IIITM, Gwalior.
- National conference on emerging trends in mathematical sciences and applications in engineering sciences from 9-11, Dec. 2016 at NBKR IST.
- Three-day workshop on interpretation of instrumental methods from 5-7, Jan. 2017 at Sathyabama University, Chennai.
- Workshop on science writing from 3-8, Apr. 2017 by current science association, Bangalore.
- International conference on innovative trends in teacher education: challenges and strategies from 30-31, Jul. 2017 at SV University, Tirupathi.
- International conference on advances in applied mathematics from 7-8, Dec. 2017 at Bharathiar University, Coimbatore.
- National seminar on strengthening adolescents' mental health and their suicide prevention on 22-23, Jun. 2018 at Annamalai University, Tamilnadu.
- International conference on new trends in engineering and technology from 7-8, Sep. 2018 at GRT Institute, Tiruttani.
- National workshop on X-ray diffraction and electrochemical impedance spectroscopy during 14 Sep. 2018 at Sathyabama University, Chennai.
- National conference on cosmology and particle physics from 1-2, Oct. 2018 at women's Christian college, Chennai.
- National conference on novel materials for device applications from 4-5, Nov. 2018 at SV University, Tirupathi.
- Training program on EAT module of public financial management system for HEIs on 30, Feb. 2019 at Nagarjuna Univesity, Guntur.
- National FDP on MOOCs for blended teaching and learning from 6-7, Sep. 2019 at Loyola College, Chennai.
- FDP on online teaching etiquette and best practices from 10-5-2020 to 15-5-2020 by Santhiram engineering college, Nandyal.
- Master trainer in Red Ribbon Club during 2019-2020 and got the certificate of appreciation by CCE
- Two weeks FDP on managing online classes and co-creating MOOCs;2.0 from may18-june3, 2020 organized by Ramanujan College, University of Delhi.
- One-week FDP on open source tools for research from june8-june14, 2020
- Four-week orientation programme for Faculty in colleges of higher education from June 26 to July 24, 2020, organized by Ramanujan College, the University of Delhi with an 'A' grade
- workshop on evidence-based teaching and learning strategies in higher education from 13-15 July 2020 organized by CREATES IISER Bhopal

- online training on Tools and techniques in research methodology during jan12-18, 2021 organized by science tech institute, Lucknow
- webinar on nanotechnology-enabled energy conversion and storage technologies organized by JSM college, Alibag on 9 July 2021
- XXXI Statutory conference (AIFUCTO) held from 7-9th January 2022 at SVU, Tirupati, participated and presented a paper entitled "A Brief Review on Indian education system from the beginning".
- National Seminar on "NEP-2020: A road map to revamp the Indian education system" held on 22-23rd March 2022 at Sri Venkateswara University and Sri Padmavathi Mahila Visvavidyalayam, Tirupati.