



Mr. VINAY POTLA

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CAREER PROFILE:

Seeking an inspiring and challenging career in physics which offers me enough challenges and expertise to improve my knowledge and provides opportunities for mutual development.

TEACHING EXPERIENCE: 10.6 yrs.

- **June 2022 – till date:** Working as an **Assistant Professor** in **SVEC** (Sri Vasavi Engineering College) in Department of Basic Science & Humanities, Pedatadepalli, Tadepalligudem, A.P.
- **Jul 2013 – Mar 2022:** Worked as an **Assistant Professor** in **SVECW** (Shri Vishnu Engineering College for Women) in Department of Basic Science, Bhimavaram, A.P.

EDUCATIONAL QUALIFICATIONS:

- **Ph.D** (pursuing) in physics Acharya Nagarjuna University (ANU), Nambur, A.P.
- Bachelor's Degree(**B.Ed.**) in physics (along with mathematics) with **64.35%** from Sruthi College of Education ,Nidadavole , A.P. in 2013 (Affiliated to Andhra University)
- Master's Degree (**M.Sc.**) in Physics with **60.54%** from V.S.K PG College, Bhimavaram, A.P. in 2012(Affiliated to Andhra University)
- Bachelor's Degree (**B.Sc.**) in Physics (along with Mathematics and Electronics) with **63.65%** from V.S.K. Degree College, Bhimavaram, A.P. in March 2005 (Affiliated to Andhra University) .
- Board of **Intermediate** Andhra Pradesh (10+2) in M.P.C. (Mathematics, Physics, Chemistry) with **62%** in 2002.
- Board of **S.S.C** Andhra Pradesh (10th) with **66.33%** in 2000.

SUBJECT DEALT:

- Engineering Physics
- Semiconductor Physics
- Waves, Oscillations & Quantum Mechanics

ACHIEVEMENTS:

- APRCET-2021 QUALIFIED
- Ratified as Assistant Professor in Physics by JNTUK in 2014

SKILLS:

- MS office, C language, JAVA, PYTHON, Modern Classroom Technology & Team work.

CERTIFICATION:

- **NPTEL**

1. Fibre Optics, 8 Week course cum FDP.
2. Solar Photovoltaic's Fundamentals, Technology and Applications, 8 week course cum FDP.
3. Digital Transformation in Teaching Learning Process, 2 week course cum FDP.
4. Programming in Java, 12 week course cum FDP.
5. The joy of computing using Python, 12 week course cum FDP.

- **COURSERA**

1. Introduction to the philosophy of physical sciences, 4 weeks course
2. How things work: An introduction to physics, 8 weeks course
3. Quantum Mechanics, 3 weeks course
4. Particle Physics, 11 weeks course
5. Nanotechnology and nanosensors, 5 weeks course
6. Quantum Optics-I, 7 weeks course
7. Quantum Optics-II, 5 weeks course
8. Fundamentals of macroscopic and microscopic thermodynamics, 3 week course
9. Introduction to Psychology, 6 weeks course
10. Electrodynamics, 5 weeks course
11. Black Holes, 10 weeks course
12. Write professional e- mails in English, 5 weeks course
13. How to write and publish a scientific paper, 4 weeks course

- **TATA Steel**

1. Heat treatment of steel
2. Machine Learning

- **Edx**

1. Introduction to astrophysics

Paper Publications

- Feasible solutions and role of nano materials in combating the COVID-19 pandemic: A preliminary study (Scopus)

Workshops Attended

- INUP-i2i Familiarization workshop on Nanofabrication Technologies ,held at IIT BOMBAY during 22nd -25th January ,2024.
- INUP-i2i Familiarization workshop on Quantum Materials and Nano Devices, held at IIT GUWAHATI during 6th to 8th December ,2023.
- INUP-i2i Familiarization workshop on Nanofabrication and Characterization, held at IIT KHARAGPUR From June 28th to 30th ,2023.
- INUP-i2i, 8th User Awareness Workshop on Fabrication & Characterization Facility for Nanotechnology ,held at IIT DELHI during 22nd -23rd June,2023.
- INUP-i2i, 7th User Awareness Workshop on Fabrication & Characterization Facility for Nanotechnology ,held at IIT DELHI during 11th -12th March,2023.
- One Day National Level Workshop on “ Design thinking ,Critical thinking and Innovation Design” organized by Department of Basic Sciences and Humanities ,Vishnu Institute of Technology on 21st February,2022.
- One Day National Level Workshop on “ How to write a research proposal” organized by Research Committee in collaboration with IQAC on 8th February ,2022.

FDPs Attended

- **International Faculty Development Program**

A five day International Faculty Development Program on “ Applications of Mathematics in Various Fields with Innovative Approaches”, Organized by Department of Mathematics ,Bapatla Engineering College, Bapatla, from 21th to 25th November,2023.

- **NPTEL-AICTE Faculty Development Program**

The Joy of Computing Using Python, jul - oct 2023.

- **NPTEL-AICTE Faculty Development Program**

Programming in Java, Jan-Apr 2023.

- **National Faculty Development Program**

A five day national Faculty Development Program on “ Effective Pedagogy for Science, Organized by Department of Physics and Mathematics, JMJ College for Women(A), Tenali, from 29-11-2022 to 03-12-2022.

- **National Faculty Development Program**

One Week National Level Faculty Development Program on “Recent TRENDS IN Artificial Intelligence, IoT and Data Analysis” Organized by Department of Computer Science & Engineering of Shri Vishnu Engineering College for Women(A) ,from 9-13 ,February,2022.

- **International Faculty Development Program**

A Three day International Faculty Development Program on “Frontiers of Physics in Bio Medical Applications” Organized by Department of Science of St.Joseph’s College of Engineering, from 19th - 21th October,2020.

- **NPTEL-AICTE Faculty Development Program**

Digital Transformation in Teaching Learning Process,16th -30th March,2020.

- **NPTEL-AICTE Faculty Development Program**

Solar Photovoltaics Fundamentals,Technology and Applications, Jul-Sep, 2019.

- **NPTEL-AICTE Faculty Development Program**

Fiber Optics, Jan-Mar, 2019.

SEMINARs Attended

- **National Level Seminar**

National Level Seminar on “ Advances in Materials and Environmental Science “ held on 25th February,2019 at D.N.R. College (A) ,Bhimavaram.

WEBINARs Attended

- National webinar on “ Double Beta Decay: ARare Nuclear Process” Organized by Department of Physics, Dr.Harisingh Gour Vishwavidyalaya Sagar, M.P., on 5th November,2022.
- National webinar on “ Chip-scale photonic devices for optical fibre communication and optical interconnects” Organized by Department of Physics, Dr.Harisingh Gour Vishwavidyalaya Sagar,M.P., on 30th sept.,2022.
- National webinar on “ GAS sensing phenomenon of Nano –Composites” Organized by Department of Physics, Dr.Harisingh Gour Vishwavidyalaya Sagar,M.P., on 3rd sept.,2022.
- National webinar on “Sustainable Photovoltaic Devices for Future World” Organized by Government College (A), Rajamundry. On 27th February,2022.
- National webinar on “ Integrated Approach in Science & Technology for sustainable future” ” Organized by Department of Physics, JMJ College for Women(A),Tenali on 22nd February,2022.
- National webinar on “ Innovation Aspects for Materials Science &Engineering with reference to Intellectual Property Rights” Organized by Department of Science & Humanities ,University College of Engineering, Adikavi Nannaya University, Rajamahendravaram, on 17th February,2021.
- Webinar on “Nonlinear Dynamics: An Evolving Science” Organized by Department of Physics, School of Sciences and Humanities ,Kongu Engineering College, Perundurai, Erode, Tamil Nadu on 02-11-2020.
- International Webinar on “ Skill set for effective teaching online and offline” Organized by Department of English, Seshasayee Institute of Technology (A),Trichy during 21-08-2020.

- International Webinar on “ Micromagnetics of Ferromagnetic Nanostructure” Organized by Department of Physics, Seshasayee Institute of Technology (A),Trichy during 18-08-2020.
- National webinar on “ Role of Lasers in Defence” Organized by Department of Science, St. Joseph’s College of Engineering on 18th August,2020.
- International Webinar Series on “ Are we alone in the Universe” Organized by Department of Applied Physics , Karunya Institute of Technology and Sciences, Coimbatore on 24-07-2020.
- National webinar on “Defects Analysis in Crystalline Materials by Spectroscopic Techniques” Organized by Department of Physics, Pachaiyappa’s College, Chennai on 18th July ,2020.
- National webinar on “Laser materials processing for engineering applications” Organized by Department of Physics ,Francis Xavier Engineering College ,on 17-07-2020.
- National webinar on “Greening the Red Planet” Organized by Department of Physics and IQAC, Aditanar College of Arts of Science , Tiruchendur held on 17th July ,2020.

PERSONAL PROFILE:

Name	:	Potla Vinay
Father Name	:	P.J. Neelambaram,
Date of Birth	:	04-08-1985
Marital Status	:	Single
Nationality	:	Indian
Religion	:	Christian (BC-C)
Gender	:	Male
Age	:	38 yrs.
Languages Know	:	English, Telugu and Hindi
Interests	:	Scientific inquiry (web browsing), Exploring new things
Strengths	:	Strong analytical, observational and problem solving skills

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534202.

DECLARATION:

I here by declaring that all the above furnished information is true and fair to the best belief of my knowledge.

Yours truly,

(P.Vinay)

