


Resume

	<p>Dr.P.B.Sandhya Sri Lecturer in Physics Avanigadda, Krishna Dt. Andhra Pradesh</p> <p>22 years of experience in teaching UG Physics, 14 years of research experience, significant research profile with 40 research publications and 18 review articles, acquaintance in using latest ICT tools</p>
<p>Mobile No:9494051548 :8074203008</p> <p>Mail: sandhyasri.prathipati@gmail.com</p> <p>DoB :22/07.1971</p> <p>Spouse</p> <p>Dr.D.Devanandam</p> <p>Working as lecturer in Mathematics recently absorbed in GDC, Chintalapudi, West Godavari Dt. From DAR College, NUZVID, Krishna Dt.</p> <p>Experience Teaching: 22 years Research : 14 Years</p> <p>Publications</p> <p>Research:40 Review: 18</p> <p>Programs Organised</p> <p>6 national seminars/workshops</p> <p>Awards & Recognitions</p> <p>4 awards at national level</p>	<p><u>Educational Qualifications</u></p> <ul style="list-style-type: none">• Ph.D : Acharya Nagarjuna University Guntur in 2014• M.Phil: Acharya Nagarjuna University, Guntur in 2006• M.Sc : Andhra University, PG centre Nuzvid, Krishna Dt in 1994• B.Ed: AJ College of Education, Machilipatnam, Krishna Dt in 1992• B.Sc. : DAR College Nuzvid, Krishna Dt in 1991• Intermediate: KMR & MSR Junior College, Vissannapeta, Krishna Dt in 1988• SSC : ZP High School, Vissannapeta, Krishna Dt in 1986 <p>Work Experience</p> <ul style="list-style-type: none">• Got selection as SGT in 1994 DSC and worked 45 days in Lady Amptel School, Machilipatnam in 1995• Got selection as Post Graduate Teacher in AP social welfare school, Pedapavani, Prakasam Dt. And worked from August to December 1995• Got selection as junior lecturer through college service commission 1996-1997 –APSWR Jr College, Mattampally, Nalgonda dt 1997 - 1999 - APSWR Jr College, Eluru, West Godavari dt 1999-2000 - APSWR Jr College, Polasanipalli, West Godavari dt Resigned as JL and appointed Lecturer in Grant in Aid Post in DAR College, Nuzvid, Krishna in 2000 Redeployed to KBN College, Vijayawada in 2013 Absorbed in GDC, Avanigadda, Krishna Dt. in October 2021 <p>Research</p> <ul style="list-style-type: none">• Published about 40 research papers and 20 review articles in various National and International Journals since 2005• Significant number of citations in google scholar and research gate• Significant profile score in (6.7/10) in vidwan <p>Google Scholar</p> <ul style="list-style-type: none">• Citations:142• H- index:6• i10 index:5 <p>Research Gate</p> <ul style="list-style-type: none">• Citations : 42

Technical Skills

- MS Word
- MS Excel
- MS Power Point
- Maintaining personnel G sites
- Using Goolge Class Room for Teaching
- Using latest versions like POWTOON, PEERDECK etc for preparing PPT
- Know C program
- Excel in online teaching using Zoom, Google Meet, Microsoft teams etc
- Know LATEX

Others

Worked as assistant coordinator, IQAC, KBN College

Convener Women Empowerment Cell, KBN College, Vijayawada

Nominated as Mentor by SCERT for teachers of INSPIRE Awardees

University Nominee/ subject expert for BOS in Physics/ Electronics

Interests

To update myself in upcoming subject as well in technical skills

- Reads: 186
- H index : 2

Vidwan

- Profile Score – 6.8/10
- Vidwan ID 75403

Main research area : Ultrasonic, thermodynamic, spectroscopic and viscometric studies in binary mixtures of organic liquids

Other Research Areas: Renewable Energy, Pollution control

Recent projects “Conversion of Mechanical Energy into Electrical Energy” “Sound absorption by Plants & Effect of sound on Plant Growth” and “ Effect of Multiple Reflection of Light on Plant growth”

Seminars/ Workshops

Presented about 40 papers in national / international seminars and participated in national / international workshops

Awards

- **International Award for Academic Excellence** -2021 by I2OR(International Institute of Organised Research)
- **National Award of Excellence - Adarsha Vidya Saraswathi Rashtriya Puraskar** by Global Management Council, Ahmedabad, Gujarath in 2021
- **Best Woman Teacher Award** by SC, ST student Federation in 2021
- **Edge India Times Award** by Edge India Publishing Pvt Ltd in 2020
- **Best Women 2016** award by Praja Chaitanya Sankharavam

Programmes Orgnised

- UGC sponsored National Seminar:01
- Workshops :02
- Science Academy Lecture Workshop : 01
- Science Academy Extension Lecture Workshop : 01
- 5 day PPTS Program: 01

BOS Membership

- **University Nominee** for Board of Studies in Department of Physics PB Siddhartha College, Vijayawada
- **Subject Expert** for Board of Studies in Department of Electronics CR Reddy College, Eluru
- **Subject Expert** for Board of Studies in Department of Physics JMJ College for Women, Tenali

Books Authored

- **Electricity Magnetism & Electronics** – A Kedarnath Pub

Making innovative projects at low cost which are useful to layman

Memberships

- Member in Indian Association of Physics Teachers(IAPT)
- Nominated by SCERT as mentors for DST programme the “one day training programme for teachers of INSPIRE awardees”
- Member in Indian Society of Systems for Science and Engineering.
- Academic Audit Advisor
- Q – Leader – APSCHE
- Editorial Board Member for Glacier Journal of Scientific Research (impact factor 2.7614)
- Editorial Board Member for Mantech Publishers

Project Exhibitions Organised

Organized 2 Science EXPOs at KBN College with 45 Physics innovative Projects

Jury Member

Acting as for Children Science Congress, INSPIRE and JNNMS

at state level every year since 2012