

## ***Srikanth Boda, Lecturer in Physics***

[srikanthboda@gmail.com](mailto:srikanthboda@gmail.com)

+91 9866959440

Mandapeta, AP

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### **Professional Summary:**

Dedicated and experienced Physics Lecturer with 20 years of teaching expertise at the college level. Passionate about fostering a deep understanding of physics concepts and their practical applications. Skilled in delivering engaging lectures, developing innovative teaching materials, and mentoring students to achieve academic excellence. Adept at integrating technology into the classroom and promoting critical thinking and problem-solving skills. Committed to creating a positive and inclusive learning environment that inspires students to pursue their goals.

### **Experience:**

Over 22 years of service as lecturer in Physics, working at different Government Colleges as follows,

- ❖ Lecturer in Physics, Government Degree College, Mandapeta. 05/2023 to till date
- ❖ Lecturer in Physics, P.R. Government College (A), Kakinada. 09/2016 to 04/2023
- ❖ Lecturer in Physics, Government College (A), Rajahmundry. 09/2011 to 08/2016
- ❖ Lecturer in Physics, Government Degree College, Mandapeta 09/2003 to 08/2011

### **Research Papers Published:**

- ❖ Microwave Absorbers and Ferrites: A Comprehensive Review, Kronika Journal, ISSN 0023-4923, Scopeus and UGC Approval Journal, Volume 24, Issue 6, June 2024.
- ❖ Study on electrical and magnetic properties of structural ordering of double Perovskite material, Journal of Xi'an University of Architecture & Technology, Volume XV, Issue 11, 2023 Nov. 2023.
- ❖ To study the assessment of thermal performances of Solar hot water systems, International Journal of Engineering Research & Management Technology, ISSN: 2348-4039, Volume 9, Issue-6, Nov-Dec – 2022.
- ❖ A Experimental study of thermal enhancements on solar components, International Journal of Advanced Research in Engineering Technology & Science, ISSN: 2349-2819, Volume-9, Issue-6, June-2022.

### **Seminars/Workshops/Conferences/FDPs attended:**

- Participated in two day National Workshop on “MATLAB/OCTAVE for Physicists” organized by Government College (A), Rajahmundry from 21-11-2024 to 22-11-2024.

- Participated in two day International conference on “*Smart Materials and Advanced Applications-2024*” organized by Government Degree College, Mandapeta on 22 & 23 Aug-2024 and presented a paper “*Advancements in Batteries and Solid Electrolyte Materials: Current Trends and Future Prospects*”.
- Participated in five day National Webinar on “*Pathways to Discovery and Innovation, Nurturing Researchers for tomorrow*” organized by P.R. Government College (A), Kakinada from 25-04-2024 to 30-04-2024 and presented a paper “*Research Methodology for Solar Water Heater Development: An Innovative Approach*”.
- Participated in six day FDP on “*English medium of Instruction, Proficiency in English*” organized by APCCE, Vijayawada from 05-06-2023 to 10-06-2023.
- Participated in one day International conference on “*Luminescent advanced materials & Phosphors in multi-disciplinary technologies*” organized by P.R. Government college (A), Kakinada on 07-01-2022 and presented a paper “*Photo luminescent spectral results of Borate glass doped with Mn*”.
- Participated in five day FDP on “*New Knowledge in Physics and Energy materials: Advanced Research Techniques*” organized by APCCE, Vijayawada from 06-07-2020 to 10-07-2020.

#### **Education:**

- P. hD at Monad University, UP. 2018 to till date.
- M. Sc at Nagarjuna University, Vijayawada with 66%. 04/2003.
- B. Sc at P.B. Siddhartha College of Arts & Sciences (A), Vijayawada with 71%. 04/2001.
- Intermediate, Intermediate Board, Hyderabad with 66%. 4/1998.
- SSC, SSC Board, Hyderabad with 71%. 04/1996.

#### **Skills:**

- Design curriculum for under graduate students as BOS member.
- Providing academic and career counseling to students.
- Hands-on experience with laboratory equipment for Physics practical.
- Computer literacy.
- Supportive, Team player, learn from and with others.