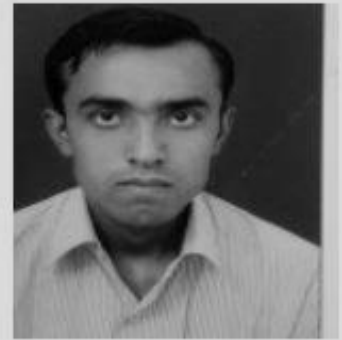


Shankar Lal

Assistant Professor (Physics)



Address Nohar, India 335523

Phone 09950253115

E-mail shankarlalucky@gmail.com

Knowledgeable Physics Teacher with 5 years of experience integrating proven strategies in teaching principles of physics. Talented in describing science behind how objects move and conditions of velocity and acceleration. Focused on instructing students to analyze mechanics of movement and apply mathematics to physics problems using established formulas.

Skills

Planning and Coordination

Lesson Planning

Physics simulations

Languages

Hindi

Rajasthani

English

Certifications

2022-11 Induction Programme

2021-11 Refresher Course

2021-10 FDP on Newton to Hamiltonian Mechanics, IIT Kharagpur

2020-12 FDP on Classical Physics, IIT Madras

2020-12 FDP on Solid State Physics, IIT Kharagpur

2019-08 FDP on Quantum Mechanics, IIT Jodhpur

Interests

Playing Badminton, Football, Volleyball and Cricket

Software

Knowledge of SCAPS 1D Simulation Software

Work History

2022-08 - Current

Assistant Professor of Physics

M.J.D Govt College Taranagar Churu, Rajasthan

- Tested students on knowledge of physics and retention of class lessons.
- Provided physics demonstrations to illustrate how coursework can be applied.
- Encouraged critical-thinking to understand reasoning behind physics formulas.
- Provided innovative methods of solving physics problems using technology.
- Integrated technology such as Google Classroom, Docs and Sheets into daily classroom routine.
- Prepared and delivered lectures to undergraduate or graduate students on topics such as quantum mechanics, particle physics and optics.
- Utilized curriculum and departmental guidelines to evaluate and assign grades to student work.

2018-09 - 2022-08

Assistant Professor of Physics

S.B.D. Govt PG College Sardarshahar Churu, Rajasthan

- Tested students on knowledge of physics and retention of class lessons.
- Provided physics demonstrations to illustrate how coursework can be applied.
- Encouraged critical-thinking to understand reasoning behind physics formulas.
- Provided innovative methods of solving physics problems using technology.
- Integrated technology such as Google Classroom, Docs and Sheets into daily classroom routine.
- Provided academic and informational support to students outside of lecture by holding regular office hours and offering mentoring and advice.
- Compiled, administered and graded examinations or assigned work to others.
- Utilized curriculum and departmental guidelines to evaluate and assign grades to student work.
- Conducted research on subjects, hired students to research assistant positions and submitted findings to professional journals.

2017-11 - 2018-09

Lecturer, Physics

Matoriawali Dhani Hanumangarh, Rajasthan

- Provided physics demonstrations to illustrate how coursework can be applied.
- Tested students on knowledge of physics and retention of class lessons.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Encouraged critical-thinking to understand reasoning behind physics formulas.
- Instructed students in content-specific knowledge and skills to heighten trajectory of academic and career success.

2015-07 - 2017-10

Lecturer, Physics

GSSS Serda Bhadara, Hanumangarh Rajasthan

- Provided physics demonstrations to illustrate how coursework can be applied.
- Tested students on knowledge of physics and retention of class lessons.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.

2014-11 - 2015-07

IInd Grade Teacher

Maths, GSSS Lakhasar Nohar Hanumangarh Rajasthan

- Proved successful working within tight deadlines and fast-paced atmosphere.
- Demonstrated respect, friendliness and willingness to help wherever needed.
- Improved operations through consistent hard work and dedication.

2011-10 - 2022-10

IInd Grade Teacher

Maths, GSSS Dalpatpura Nohar Hanumangarh Rajasthan

- Proved successful working within tight deadlines and fast-paced atmosphere.
- Demonstrated respect, friendliness and willingness to help wherever needed.
- Improved operations through consistent hard work and dedication.

Education

- 1992-07 - 2000-06 **Upper Primary Education**
GSSS Bhograna Nohar - Rajasthan India
- 2000-07 - 2002-05 **Secondary Education**
GSSS Dalpatpura Nohar - Rajasthan India
- 2002-07 - 2004-06 **Senior Secondary**
GSSS Nohar Hanumangarh - Rajasthan India
- 2004-07 - 2007-06 **Bachelor of Science: Physics, Chemistry, Mathematics**
Dungar College - Bikaner India
- 2007-07 - 2009-06 **Master of Science: Physics**
Dungar College Bikaner - Rajasthan India
- 2009-07 - 2010-06 **B.Ed**
M.D B.Ed College Pallu Nohar Hanumangarh - Rajasthan India
- 2013,SET Physics**
RPSC Ajmer - Rajasthan India
- 2012-07 - 2014-06 **Master of Arts: Rajashani**
Private
- GATE Physics,2015**
IISC
- RSCIT, 2016**
VMOU Kota - Rajasthan India
- 2020-07 - Current **Ph.D.: Physics**
VGU Jaipur - Rajasthan India

