

HARIPRIYA

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CAREER OBJECTIVE

To achieve a career as an enthusiastic professional in teaching Physics with a passionate commitment to student development and the learning experience. Skilled in the design of challenging, enriching, and innovative activities that address the diverse interests and needs of students. Well organized to complete planned activities within the scheduled time. Productive, multi-task oriented, adapt well to change, good working ethics and meticulous.

EDUCATIONAL/ PROFESSIONAL QUALIFICATION

Bachelor of Education in PHYSICAL SCIENCE, MATHEMATICS **2018 - 2020**

Maharshi Dayanand University, M D COLLEGE OF EDUCATION, Haryana, India
Percentage- 78.1%

Master of Science in Physics **2015 - 2017**

Delhi University, Miranda House, Delhi, India
Percentage-63.05%

Bachelor of Science in Physics (Honours) **2012 - 2015**

Delhi University, Miranda House, Delhi, India
Percentage- 83.83%

Higher Secondary Education **2010 – 2012**

Central Board of Secondary Education Kendriya Vidyalaya, Delhi, India
Percentage-88%

WORK EXPERIENCE

PHYSICS FACULTY – AIMS TRAINING CENTER

Mussafah , Abu Dhabi, UAE

- Taught physics for Grade 8 – 12 students from different nationalities.
- Trained students for NEET Advanced and Foundation programs.
- Prepared study materials, question papers and other supplementary aids for teaching.
- Created interactive learning environment by using Smart board and other aids for teaching.
- Assessed weekly tests, analyzed students results to address problematic area and ensure student progress.
- Maintained and updated portion coverage, student's performance report.
- Carried out other responsibilities of regular teaching, planned and implemented remedial measures for those students who needed.
- Encouraged class discussion and maintained positive learning environment.

April- Sept 2022

PHYSICS TEACHER - ST. GREGORIOS SCHOOL

Delhi, India

- Taught physics for Grade 8, 9 and 10 students.
- Managed all responsibilities of regular classroom teacher, performed basic administrative duties such as to record attendance, organize student portfolio, create course material, conduct departmental exams, regular assessment and provide individual assistance as needed.
- Implemented curriculum and course materials for each year and plan various art integrated Physics activities to

help students understand fundamental concepts and impart interest in the subject physics.

- Integrated technology blended learning into curriculum.
- Supported in the setup and working of physics experiments and conducted physics laboratory sessions for grade 9, 10, 11 and 12 students. Demonstrated and guided students on the procedures of performing various experiments.
- Coordinated and successfully carried out many Science activities and exhibitions.
- Incorporated constructivism philosophy of teaching into classroom by implementing various student centred learning methodologies, enhanced the class environment by acting as a facilitator to promote student leadership, positive learning opportunities.
- Integrated theoretical concept and practical ideas during classes.
- Focused more on experiential learning, stimulating problem solving and conducted remedial classes to improve student's problem-solving approach in physics.
- Established and maintained positive relationships with students, parents and colleagues, fostering an environment of open communication and support.
- Extra-curricular activities: Trained students for various interschool as well as in school dance programs and competition.

2019-2022

Physics Internship - Department of Physics and Astrophysics, University of Delhi

2013-2016

- Worked with PhD research scholars under supervision of Prof. Vinay Gupta in the thin film fabrication laboratory. Fabricated SnO₂ thin film based NO₂ gas sensor. Experienced various lab techniques and characterization tools which included thin film deposition, crystallographic orientation, X-Ray Diffraction Analysis, optical characterization, UV-Visible spectroscopy, surface profiler and gas calibration and measurement system with automated data acquisition system interfaced to a computer.
- Study of pulsed laser deposition lab machine and gas dynamics and film profiles in pulsed-laser deposition of materials by using sophisticated techniques of deposition.

MAJOR ACHIEVEMENTS

- **Central Teacher Eligibility Test (CTET), CBSE (Both Primary and Elementary Stage)** **2022**
(Mathematics, Science, English, Child development and Pedagogy, Hindi)
- **Central Teacher Eligibility Test (CTET), CBSE** **2019**
(Mathematics, Science, English, Child development and Pedagogy, Hindi)
- **GATE PHYSICS** **2019**
1139/16296(All India rank), Score- 444
- **GATE PHYSICS** **2018**
2116/13524(All India rank), Score-361

TRAINING AND CERTIFICATION

- **Holistic Assessment** (training program involving 8hrs organised by CBSE and Google for Education). **Nov 2021**
- **Technology for blended learning** (training program involving 10hrs organised by CBSE and Google for Education). **April 2021**
- Certificate of participation in online “**Quiz on National Education Policy 2020**” by CBSE **March 2021**
- Certificate of Completion: **Health and Well Being in Schools** organised by Diksha (CBSE) **June 2020**
- Certificate of Completion: **Pedagogy of Environmental Studies** organised by Diksha (CBSE) **June 2020**
- **Hands- on training on Solar Study Lamp Assembly** recognised by Skill Council for Green Job (SCGJ) conducted by IITBombayX from 1 May 2019 to 31 Dec 2019 for student solar ambassador workshop 2019. This program marked a Guinness Book of World Record Event by lighting the largest number of solar lamps at Global student solar assembly. **Jan 2020**

WORKSHOPS ATTENDED (BY CBSE)

- Fostering critical and creative literacy

2021

- Education for peace, 21st century skills, Protection of child rights, Happy Teachers creating happy spaces **2020**
- PHYSICS - Integration of Arts in Physics, teaching strategies in Science.
- Values Education, Enhancing Life skills, Inclusive Education, Gender sensitivity in classroom environment, Adolescence Education – Understanding gender relationship, Career Guidance, Happy Classroom **2019**

ANY OTHER EVENTS/ COMPETITIONS

- First position in Inter School Mind Mapping Competition for Teachers organized by Vidya Bharti School, Rohini, Delhi (Jan 2022)

AREA OF EXPERTISE

- Technology-aided teaching, child development, setting-up exams, skillful in conveying complex topics in easy-to-understand style, academic counselling.

TEACHING SKILLS

- Having a student-focused approach to work
- A creative approach to problem-solving
- Ability to work in a team as well as an individual
- Comfortable working in different work environments
- Patience to deal with adverse situations

TECHNICAL SKILLS : Word | Excel | PowerPoint | Google Classroom | C++ |

LABORATORY / RESEARCH SKILLS

- Able to conduct quality laboratory experiments completing them in the time assigned at work.
- Experienced in writing and analysing technical reports for conduct of experiments.

ACTIVITIES & INTERESTS:

- Passionate learner of Violin.
- Indian Classical Dance - Bharatanatyam. Completed 8 years of formal training

Actively participated in many dance competitions both in school and society. Certificate of participation in inter-school dance competition National level.

- Social work, drawing (oil pastel), travelling, playing badminton

LANGUAGE PROFICIENCY : Fluent in English, Hindi and Malayalam. Understanding of the language Tamil.

PERSONAL INFORMATION

- Date of Birth : 22nd Feb 1994
- Nationality : Indian
- Marital Status : Married

REFERENCES

- Dr Kulivinder Sir (Associate professor), Department of Physics, DDUC, Delhi, India
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- Dr. Manoj Kumar (Principal), St.Gregorios School, Dwarka, Delhi, India
Contact- +918570848452
- M.Boyaz (EX. Principal), St.Gregorios School, Dwarka, Delhi, India Contact- +9650550773