**RESUME**

**ANITA YADAV**

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**CAREER OBJECTIVE**

My aim is to work innovatively for the enhancement and betterment of education. I am seeking a position as a teacher in School where I can employ my skills and knowledge for imparting education to students and prepare them for higher studies.

**EDUCATIONAL QUALIFICATIONS-**

* B.Ed. with first division from CPSM College of Education, Gurugram affiliated to CRSU Jind, Haryana.
* Master of Physics with first division, specialization in fiber optics and experimental techniques in nuclear and particle physics, Panjab University, Chandigarh, 2016.
* B.SC Hons. Physics with first division from Maitreyi College, Delhi University, 2013.
* XII with distinction from St. Michael’s Sr. Sec. School, Gurgaon, 2010.
* X with distinction from St. Michael’s sr.sec. School, Gurgaon, 2008.

**PROFESSIONAL WORK EXPERIRNCE-**

* Currently working with Narayana E-Techno School (Narayana Educational Institutions Group) as a Physics Main Teacher.
* More than 2 Years’ teaching experience.

**TRAINING-**

* 3rd October 2017 to 31st January 2018: Govt. Sr. Secondary School, Kadipur, Gurugram, Haryana

**PROJECTS-**

* Resistance Temperature Detector (RTD)

The main objective of this project is to calibrate RTD to measure temperature in a specified range using null balance or off balance bridge with galvanometer based measurement.

* Field Effect Transistor (FET)

Objective- To investigate the drain characteristics and transfer characteristics of FET.

* Bubble Chamber

It was a theoretical project. Objective of this project is to study the construction, working principle, applications and drawbacks of bubble chamber. This also includes study of slides to count and identify the type of particles entering the chamber and leaving it.

* Electron Spin Resonance.

The main objective of this project is to study about electron spin resonance and to find lande's g factor for an electron subjected to a perturbation by an external magnetic field by placing the sample diphenyl- picryl-hydrazil (DPPH) between Helmholtz coils and monitoring the frequency of RF oscillator.

* Regulated power supply

Designed and assembled an integrated circuit regulated power supply with output of both polarities and a current regulator using loose components on breadboard.

* Filters

The main objective of this project is to design and study about all types of filters band pass filter, band reject filter, high pass filter, low pass filter and all pass filter using 741 opamp.

**TECHNICAL SKILLS-**

* Knowledge of Microprocessors

Studied about 8085 microprocessor during graduation in third semester.

* Knowledge of C++ programming.

Studied C++ programming during graduation in third and fourth semester and during post graduation in fourth semester.

**EXTRA CURRICULAR ACTIVITIES-**

* Participated in science seminars and workshops in class 12th.
* Participated in science quiz, debate and collage making competition and secured third position in collage making competition in class 12th.
* Attended a seminar by Dr. Ajoy Ghatak professor at IIT Delhi on Optics during graduation held at Maitreyi College, university of Delhi.
* Participated in ANVESHIKA WORKSHOP held at IISER, Mohali.

In this workshop a series of experiments were performed to prove some of the laws of physics which we observe in our daily life followed by quiz competition and debates.

* Attended a lecture by Dr. Sunil Bansal professor at Panjab University, Chandigarh on bubble chambers ,accelerators and detectors in particle physics during post graduation held at DAV college, Chandigarh.

**AREAS OF INTEREST-**

* Reading, painting

**LANGUAGES KNOWN-**

* English & Hindi

**PERSONAL DETAILS-**

Date of Birth : 5th March, 1992

Religion : Hindu

Marital Status : Married

Spouse Name : Mr. Ankush Yadav

Father’s Name : Mr. Om Prakash Yadav

Mother’s Name : Ms. Sumitra Yadav

**DECLARATION-**

I hereby declare that the information mentioned above is true and complete to the best of my knowledge.

DATE: 05-12-2018 **ANITA YADAV**

PLACE: Gurugram