

## RAJVEER KAUR

Assistant Professor in Physics  
Guru Nanak College for Girls,  
Sri Muktsar Sahib

Area of interest : Experimental Techniques in Nuclear and Particle Physics

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### CAREER OBJECTIVE

To enhance my working capacities, professional skills, research efficiencies and to serve my organization in best possible way with sheer determination and commitment.

### COMPETITIONS RECORD

- JOINT CSIR-UGC TEST for LECTURESHIP(NET) ,DECEMBER 2016 - Rank 86
- JOINT CSIR-UGC TEST for JRF, June 2017- Rank 84
- Graduate Aptitude Test in Engineering(GATE) 2017 - Rank 315
- Joint Entrance Screening Test(JEST-2017 ) - Rank 503
- Qualified BARC OCES-2017

### ACADEMIC BACKGROUND

| Year(s) | Qualification – Degree / Diploma / Certificate | College / Institute/ University | Percentage / CGPA |
|---------|--|---------------------------------|-------------------|
| 2016    | M.Sc. (H.S.) Physics                           | Panjab University, Chandigarh   | 79.6              |
| 2014    | B.Sc. (H.S.) Physics                           | Panjab University, Chandigarh   | 82.03             |
| 2011    | 10+2   | Akal Academy, Sri Muktsar Sahib | 84.6              |

## RESEARCH TOPICS

**Research Topic:** Performing an experimental High Energy Physics analysis using CMS open data

**Specialization: - Experimental Techniques in Nuclear and Particle Physics**

## CONFERENCES

- Poster presented in CHASCON-2016,10<sup>th</sup> Chandigarh Science Congress on “Experimental HEP Analysis: Looking for Particles” held at PanjabUniversity, Chandigarh from 29<sup>th</sup> February to 2<sup>nd</sup> march,2016.
- Participated in CHASCON-2014,8<sup>th</sup> Chandigarh Science Congress held at Panjab University,Chandigarh from 26<sup>th</sup>-28<sup>th</sup> February ,2014.
- Oral Presentation entitled Experimental High Energy Physics Analysis in National Seminar on ‘Emerging Research Trends in Experimental Physics’ otganized on 22<sup>nd</sup> February, 2019 at Guru Nanak College for Girls, Sri Muktsar Sahib
- Participated in two days BRNS-IANCAS National Workshop on Nuclear Sciences and Applications of Radioisotopes at Guru Nanak College for Girls,Sri Muktsar Sahib on March 9-10,2019

## EXPERIENCE

- Working as **Assistant Professor in Physics at Guru Nanak College for Girls, Sri Muktsar Sahib since 18<sup>th</sup> July,2017 to till date**

## SUBJECTS TAUGHT

- B.Sc. Non Medical : Electronics, Statistical Physics ,Quantum Physics
- M.Sc. Physics : Electronics-I ,Electronics-II, Statistical Physics , Experimental Techniques in Nuclear and Particle Physics

## FDP/OC/Refresher Course

- Attended 94<sup>th</sup> two-week refresher course in Experimental Physics from 18<sup>th</sup> December 2017 to 2<sup>nd</sup> January 2018 at Panjab University, Chandigarh
- Attended Induction Training Programme-02 conducted from 28<sup>th</sup> May, 2019 to 26<sup>th</sup> June, 2019 at UGC-Human Resource Development Centre, GNDU Amritsar

## COMPUTER SKILLS

- ✓ Operating Systems : WINDOWS 8, WINDOWS 7, WINDOWS XP, WINDOWS 2000, WINDOWS 98
- ✓ Softwares : Ubuntu

## ANALYTICAL AND PROBLEM SOLVING SKILLS

- Self-starter with the capacity to be proactive and take initiatives
- Good interpersonal skills
- Strong communication skills
- Adaptability
- Strong team spirit
- Strong work ethic

## PERSONAL DETAILS

Date of Birth (DD-MM-YYYY) : 03/05/1994

Father's Name : S. Pal Singh

Mother's Name : Gurbinder Kaur

Category : General

Gender : Female

Nationality : Indian

Home Town : Bhagsar

Permanent Address : V.P.O. - Bhagsar, Teh & Distt- Sri Muktsar Sahib, Punjab (152026)

Phone No. : 8556823191

Languages Known : Punjabi, English and Hindi

I declare that the details above are correct and true to the best of my knowledge.

**RAJVEER KAUR**