

PARUL KAUSHIK



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OBJECTIVE:

Seeking for an opportunity to utilize my knowledge, skills, and abilities in the industry with competitive environment and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

EDUCATIONAL QUALIFICATIONS:

- M. Sc Physics (Electronics specialization) from YMCA University of Science and Technology (Faridabad) 71 %
- B. Sc (Physics(H))from K.R. Mangalam University (Gurugram (2017) 89%
- Class 12 from Scottish High International School (ISC (2014) 73.6%
- Class 10 from Rishi Public School (ICSE) (Gurugram (2012) 84%
- Pursuing PhD (thin films) from North Cap University Gurugram (July2019)

WORK HISTORY:

- Working as a Cambridge and IBDP Physics educator at **EXCELSIOR AMERICAN SCHOOL**, Golf course road Gurugram since 16 July 2021.

SKILLS:

- Programming languages: Java, C++, C
- Software package: MATLAB
- Platform: Windows

ACHIEVEMENTS:

- Received the trophy entitled “All round performance” during School
- Participated in the International Conference held at K.R. Mangalam University
- President of Science Society during B. Sc (2016-2017)
- Co-ordinator of Science Fair 2017 (B. Sc (H) Physics)
- Hosted many events during school and University
- Participated in various singing competitions
- Vice President of English Society (B.Sc(Phy2016-2017))

CONFERENCES:

- Presented a paper “**Synthesis and characterization of potassium titanate nano-fibres using hydrothermal method**” at the **International Conference on Advances in Applied Sciences, Engineering and Technology (AASET-2017) August 17-18, 2017 (K. R. Mangalam University Sohna Road Gurugram)**
- **Attended 2nd International Conference on Advances in Applied Sciences, Engineering and Technology (AASET-2021) May 20-21 ,2021**

PROJECTS / INTERSHIPS:

- Project entitled “Hydrothermal synthesis of Potassium titanate (SEM, TEM, XRD) - May-July 2016 under the supervision of Prof Shatendra Sharma (JNU, New Delhi).
- Project entitled “Hydrothermal synthesis of ZnS” (SEM, TEM, XRD) –May-July 2017 under the supervision of Prof. Shatendra Sharma (JNU, New Delhi)

PUBLICATIONS:

- **UV degradation of Hydrothermally Synthesized Potassium Titanate Nanowires-**
Publication date: 2018/2
Journal: Advanced Science Letters
Volume:24
Issue-2
Pages-842-843
Publisher-American Scientific Publishers
- **A review on 1D photonic crystal based reflective optical limiters**
Publication date: 25 Feb 2022
Journal: Critical reviews in solid state and material science
Volume:47
Issue-1
Published online (Impact score-9.19)
Publisher- Taylor and Francis Ltd.

PERSONAL PROFILE:

- Father's Name Mr. Anil Kumar
- Mother's Name Mrs. Babita
- Date of Birth 03- April-1997.
- Marital Status Single
- Nationality Indian
- Languages Known English & Hindi