

AMAN KUMAR



Contact

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Personal Details

Date of Birth : 05.12.1995
Gender : Male
Marital : Unmarried
Status
Languages : English,
Known Hindi,
Punjabi
Nationality : Indian

Software skills

Origin, ChemDraw

References

1. Dr. Vipin Kumar Saini, Assistant Professor, School of Environment & Natural Resources, Doon University, Dehradun-248012, Uttarakhand, India
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2. Dr. Arun Kumar, Assistant Professor, Department of Chemistry, School of Physical Sciences, Doon University, Dehradun-248012, Uttarakhand, India
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EDUCATION

Doon University, Dehradun, India M.Sc. Chemistry Specialization in Physical Chemistry 71.90 Percent	2020
Doon University, Dehradun, India B.Sc. Chemistry (Honours) 61.40 Percent	2018
Central Board of Secondary Education, Dehradun, India Senior Secondary in Mathematics 59.20 Percent	2014
Punjab School Education Board, Ludhiana, India Matriculation 77.15 Percent	2011

INSTRUMENT OPERATED

- Surface area analyzer: *Belsorp miniX*
- High pressure gas adsorption instrument
- Thin layer chromatography and Column chromatography
- pH meter
- UV-VIS spectrophotometer
- Rotary evaporator
- Hydrothermal autoclave
- Oil bath digester
- Centrifuge

EXPERIENCE

1. Currently working in Forest Research Institute, Dehradun as a Junior Project Fellow on the project entitled “*Study on Pulp yield enhancement and cellulose degradation stabilization through addition of reducing end protectors*” from August – 2021
2. Six months dissertation on the topic “*Effect of different linkers on the adsorption selectivity of zinc based metal-organic frameworks*” (Under supervision of Dr. Vipin Kumar Saini) at Doon University Dehradun, January 2020-June 2020.

CONFERENCES & WORKSHOPS

1. Chemistry World “Embracing digital efficiency to rescue 2020” Webinar (17-Aug-2020).
2. ACS “On Campus India Virtual Event” (10-Aug-2020).
3. ACS & DST “Master the Publishing Process” in Uttarakhand State Council for Science & Technology (25-Nov-2019).