

Miss Nisha Rameshchand Sharma

Assistant Professor (Chemistry), Government Science College,
G-Road, Sector-15
Gandhinagar-302016
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Education

M.Sc. (Chemistry) with 8.52 CGPA from Dr. B.R. Ambedkar National Institute of Technology (NIT) Jalandhar, Punjab during (2016 - 2018).

B.Sc. (Chemistry Honours) with 77.1% from University of Delhi during (2016 - 2018).

Professional Positions

Assistant Professor: Chemistry, Government Science College, Gandhinagar from 5th November 2022 onwards till date.

- Efficient in delivering the relevant study material.
- Skilled in developing proficiency in a wide range of teaching methods and techniques to effectively enhance student comprehension.

Key Academic Achievements

- Secured **98.03** percentile and All India **430** rank in Graduate Aptitude Test in Engineering (GATE chemistry 2019), a nationwide examination in India conducted by IITs for testing student's Subject, English and Aptitude Knowledge.
- Secured All India **49** rank in **CSIR NET JRF** 2018-2019.
- **5th** ranker in MSc Chemistry, NIT Jalandhar.
- Secured All India **475** rank in **IIT-JAM** 2016-2017.
- **1st** ranker in Gujarat Public Service Commission (GPSC) Assistant Professor (Advt. No. 54/2020-21).

Publications

- **Four (04)** Publications in international journal of reputes
For Detail Please refer Annexure 1

Conferences / Seminars/Workshops

- Attended and/or participated in one-week GIAN-MHRD course on “Chemical, Biochemical and Environmental issues Related to Cancer and Solutions Addressing Problems” by Dr. Bo Hang, Lawrence Berkeley National Laboratory, Berkeley, USA at NIT Hamirpur, Himachal Pradesh (11 Sept-16 Sept, 2017)

Projects

- Comparative study of the corrosion inhibition efficiency of polypropylene glycol for the mild steel in phosphoric and nitric acid (25 May- 5 July,2017).
- Response Surface Methodology and Central Composite Design to fabricate NaAla- Aca-cl-poly(AA) hydrogel for the efficient removal of Malachite Green and Auramine-O from textile efflux”(July 2017-June 2018).

Personal Details

Date of Birth: 23th January 1995

Marital Status: Single

Languages known: English, Hindi, Gujarati

REFERENCES

Professor (Dr) B S Kaith, Head of Dean Academics, Department of Chemistry, NIT Jalandhar, India.

Information provided is authentic and sufficient but will be glad to furnish any more if needed.

Miss Nisha Rameshchand Sharma

Annexure 1

1. Sharma, A.K., P., Kaith, B.S., Bajaj, S., Bhatia, J.K., Panchal, S., **Sharma, N.**, Tanwar, V., Efficient capture of eosin yellow and crystal violet with high performance xanthan-acacia hybrid super-adsorbent optimized using response surface methodology, *Colloids Surf B Biointerfaces* 175 (2019) 314-323.
2. Sharma, A.K., P., Kaith, B.S., Panchal, S., Bhatia, J.K., Bajaj, S., Tanwar, V., **Sharma, N.**, Response surface methodology directed synthesis of luminescent nanocomposite hydrogel for trapping anionic dyes, *J Environ Manage* 231(2019) 380-390.
3. Sharma, A.K., P., Kaith, B.S., **Sharma, N.**, Bhatia, J.K., Tanwar, V., Panchal, S., Bajaj, S., Selective removal of cationic dyes using RSM optimized gum acacia-sodium alginate blended superadsorbent, *Int J Biol Macromol* 124 (2019) 331-345.
4. P., Sharma, A.K., Kaith, B.S., Tanwar, V., Bhatia, J.K., **Sharma, N.**, Bajaj, S., Panchal, S., RSM-CCD optimized sodium alginate/gelatin based ZnS-nanocomposite hydrogel for the efficient removal of biebrich scarlet and crystal violet dyes, *Int J Biol Macromol* 129 (2019)