

CURRICULUM VITAE

Dr. SANJAI KUMAR YADAV

Assistant Professor

Department of Physics

MGPG College Gorakhpur

273001, Uttar Pradesh

Contact- 9140583237

Email: sanjay.fiziks@gmail.com



CAREER OBJECTIVE:

To be associated with a progressive research group which can give challenging opportunities and ample scope to exhibit my skills with immense potential in changing the quality of life in years to come who are involved in exploring the hidden secrets of the nature and develop a concept which is novel to the scientific community that helps in solving various problems faced by mankind and better future.

PERSONAL SKILLS:

A flexible novice ardent to learn innovative with good communicating skills, ability to handle fragile jobs with care and perfection, hardworking, ability to deal with people diplomatically, good team membership qualities.

EDUCATIONAL QUALIFICATIONS:

Ph.D. in Physics (28-01-2020) from DDU Gorakhpur University, Gorakhpur, Uttar Pradesh, India,

M.Sc. in Physics (2011-2013) from DDU Gorakhpur University, Gorakhpur, Uttar Pradesh, India, with **First Class**.

B.Sc. in Physics (2008-2011) with “Mathematics, Physics and Chemistry” as optional subjects from DDU Gorakhpur University, Gorakhpur, Uttar Pradesh, India, with **Second Class**.

Intermediate (10+2 standard) (2006-2008) with “Mathematics, Physics, Chemistry, English and Hindi” as group subjects from Uttar Pradesh Board, with **First Class**.

High School (10th standard) (2006) with “Mathematics, English, Hindi, Science and Social Science” as group subjects from Uttar Pradesh Board, with **First Class**.

EXTRA ACHIEVMENTS:

Qualified **GATE 2014&2015** examination conducted by IIT Kharagpur.

Ph.D. Topic:

Title of thesis- **Modeling studies on some DNA minor groove binders.**

TEACHING EXPERIENCES:

Worked as a Guest Faculty at Department of Physics, St. Andrew's College, Gorakhpur during July 2016 – June 2018 (2 Years).

Five years teaching in Department of physics DDU Gorakhpur University Gorakhpur during Research Work.

RESEARCH PUBLICATIONS:

- Umesh Yadava, **Sanjai Kumar Yadav**, Ramesh Kumar Yadav, Electronic structure, vibrational assignments and simulation studies with A/T rich DNA duplex of an aromatic bis-amidine derivative, DNA Repair, Volume 60, 2017, Pages 9-17, ISSN 1568-7864.
- Umesh Yadava, **Sanjai Kumar Yadav**, Ramesh Kumar Yadav, Investigations on bisamidine derivatives as novel minor groove binders with the dodecamer 5'(CGCGAATTCGCG)3', Journal of Molecular Liquids, Volume 280, 2019, Pages 135-152, ISSN 0167-7322.
- **Sanjai Kumar Yadav**, Ramesh Kumar Yadav and Umesh Yadava (2020)Computational investigations and molecular dynamics simulations envisioned for potent antioxidant and anticancer drugs using indolechalcone-triazole hybrids. DNA Repair, 86, 102765. (IF: 3.7).

Permanent Address: Village- Bhagwanpur,
Post- Tikaria,
Dist- Gorakhpur
Uttar Pradesh- 273165

DECLARATION:

I hereby declare that all the information stated above is true to my knowledge and submitting my resume for your kind perusal. If given an opportunity, I will dedicate myself with utmost respect to the peers of the organization, with a sheer hard work and punctuality, which meets all the jobs deadline assigned to me.

Place:

Date:

Sanjai Kumar Yadav