

Curriculum Vitae

Name: Ms. Sanskriti Sarkar

Present Address: Rajiv Gandhi Institute of Petroleum Technology (An Institute of National Importance)
Mubarakhpur Mukhetia More, Bahadurpur, Jais,
Post Harbanshganj, Amethi - 229304, Uttar Pradesh

Mail id: 20CS3056@rgipt.ac.in

Contact No. (M): -91- 8100350599/ 91-9434423455

Qualifications:

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY (Institute of National Importance) - B.Tech in Computer Science and Engineering, Undergraduate Student, 4th Semester (PRESENT) (3rd Year)

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY – Started studying B.Tech in Computer Science and Engineering (1st sem) (Dec, 2020)

Expected Graduation year: 2024

CPI (4th semester): 9.24

QUALIFIED JEE ADVANCED (September, 2020)

QUALIFIED JEE MAINS (2020) (January, September 2020) (98 percentile)

CBSE (10+2) High School Graduation)

ICSE (10)

WORK EXPERIENCE: Worked on a project (remote access) at Oak Ridge National Laboratory, USA

Completed 6 weeks research internship at IIT GUWAHATI on dark matter(nuclear and particle physics)(February-March, 2022)

Selected for Amplitudes 2022 summer school,Prague,Czech Republic

Successfully completed 24th JCNS Neutron Scattering Laboratory Course in Juelich Centre for Neutron Sciences and MLZ Garching(September 2022),Germany

Achievements:

1. COURSE COMPLETED -NUCLEAR AND PARTICLE PHYSICS COURSE TOPPER(Elite+Silver certificate from IIT GUWAHATI)
2. COURSE COMPLETED-"QUANTUM CHEMISTRY OF ATOMS AND MOLECULES" BY IIT Bombay(Elite+Silver certificate)
3. Completed course on Time Dependent Quantum Chemistry from IISC BANGALORE(ELITE +GOLD certificate)
4. Completed course on Quantum Mechanics(Elite certificate) IIT BOMBAY
5. Completed course on Nuclear Astrophysics(Topper:Elite certificate) from IIT Roorkee

Software Skills:

MANTID

Programming languages:

C++,C,Java,Python

MATLAB

DAVE

FRIDA

MicroOMEGAs

Language Proficiency:

English

German

Area of Special Interest: Quantum gravity, scattering amplitudes, effective field theory

