

SUNIL KUMAR GUPTA



Village- Narayanpur Chargaha,
Post- Kusumha, District- Kushinagar
Uttar Pradesh- 274306
Mobile no. – 9452224114

Gmail – sunilgupta4108@gmail.com

DOB - 1 May 1997



ACADEMIC DETAILS

| Year | Degree / Board | Institute | GPA / Marks(%) |
|------|---|--|----------------|
| 2023 | MTech in Polymer Science and Technology | Indian Institute of Technology Delhi | 8.62 |
| 2021 | B.Tech in Plastics Engineering | CIPET, Lucknow, Uttar Pradesh. | 8.15 |
| 2015 | Intermediate | Sumit Bal Sr. Sec. School Mahaveer Nagar 1st, Kota, Rajasthan. | 70.2 |
| 2013 | Highschool | J.P.C.H.S. Kaptanganj, Kushinagar , Uttar Pradesh | 87.83 |

IIT DELHI THESIS

Title: Sugarcane Bagasse-derived Biochar/Polycaprolactone Based Porous Electrospun Nanofibrous Constructs for Heavy Metal Removal.

Supervisor: Prof. Bhabani K Satapathy

Description: Polycaprolactone; Activated Carbon; Porous electrospun mats; Electrospinning; Heavy metal; wastewater.

PROJECTS

B.Tech Project: Morphological and Mechanical Properties of Bio-waste Coconut/Wood Apple Shell Particles Reinforced Hybrid Polymer Composite. (Jan 2021 - July 2021)

Supervisor: Prof. Smita Mathur

Description: Polylactic acid (PLA); Soyabean oil; Coconut & Wood apple shell powder; Twin screw extruder; Injection molding; Density; Morphological properties (Distribution of reinforced filler) & Mechanical properties (Tensile, Impact, Flexural).

INTERNSHIPS & TRAINING

- **Research Designs & Standards Organization (RDSO), Lucknow** (June 2019 - July 2019): Enrolled in a 4-week summer internship program at RDSO, Lucknow, Uttar Pradesh, where I studied and explored the fundamentals of testing and analyzing the properties of paints, oils and lubricants, polymers, and rubber.
- Completed a certification course on **two days Online Skill Upgradation Training Program on Polymer Analytical Techniques with emphasis on DSC, TGA, FTIR & AAS** - CIPET: CSTS, Dehradun (28 - 29 May 2021)
- Completed a certification course on **two days Online Skill Upgradation Training Program on Polymer Thermal & Mechanical Testing with Emphasis on UTM, DSC** - CIPET: CSTS, Dehradun (29 - 30 June 2021)
- Completed a certification course on **seven days Online Skill Upgradation Training Program on plastics processing & testing techniques** - CIPET: IPT, Kochi (22-27 Aug 2022)

TECHNICAL SKILLS

- Scientific Software- OriginLab, TA Universal Analysis, ImageJ, Minitab.
- Polymeric Material Characterization & Testing (MFI, TGA, DSC, UTM, Impact testing, HDT, VSP).
- Polymer Processing (Twin screw extruder, Compression molding, Electrospinning, Injection molding).
- Microsoft office.

EXTRA CURRICULAR ACTIVITIES

- Participated and lead B.Tech 1st year-Kabaddi team in our College Sports Fest, Capoeira'17, and won **Silver Medal**
- **Dr. Abdul Kalam Sports Fest, 2018-19:** Participated in **Athletics (4×100 relay race)**, & won **Bronze Medal**, and participated in a Football event.
- **Reliance Foundation Youth Sports (RFYS), 2018-19:** Participated in Athletics (200m, 400m Race) & football in the College Boys category of Reliance Foundation College Athletics 2018-19 held in Lucknow.
- Participated and lead the CIPET College Kabaddi team in **Dr. Abdul Kalam Sports Fest, 2019-20**, and won **Silver Medal** also participated in athletics (100m, 200m, 400m race)
- **Reliance Foundation Youth Sports (RFYS), 2019-20:** Participated in Athletics (200m, 400m & 1500m) in the College Boys category of Reliance Foundation College Athletics 2019-20 held in Lucknow.
- Participated and lead the cricket team in the Gully-Cricket event conducted in **Annual Techno-Cultural Fest ANANT-2019** and secured 1st position.

DECLARATION

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge.