

Nikhil Kumar

Qualification:

- **Bachelor of Pharmaceutical Technology** [2018, DGPA: 9.19], Maulana Abul Kalam Azad University of Technology.
- **Master of Pharmacy** in “Pharmacology” [2020, DGPA-9.56], Maulana Abul Kalam Azad University of Technology.

Research Experience: 2 years

Current Designation: Senior Research Fellow (September 2020)

Current Research work:

Development of novel Multilayered Stimuli-responsive Smart Hydrogel based microneedles for Treatment of De-novo Cutaneous Squamous Cell Carcinoma (cSCC).

Achievements:

- Indian Pharmaceutical Association Scholarship -2017.
- GATE Fellowship-2019.
- **Publications:**
 1. Ghosh, B., Kumar, N., Sadhu, A., Mitra, P., Chatterjee, J., (2020). “A Quantitative Lung Computed Tomography Image Feature for Multi-Centre Severity Assessment of COVID-19”. 10.1101/2020.07.13.20152231.
 2. Mukundan LM, Nirmal R, Kumar N, Dhara S, Chattopadhyay S. Engineered nanostructures within sol-gel bioactive glass for enhanced bioactivity and modulated drug delivery. Journal of Materials Chemistry B. 2022.
 3. Kumar, N., Ghosh, B., Kumar, A., Koley, R., Dhara, S., & Chattopadhyay, S. (2022). Multilayered “SMART” hydrogel systems for on-site drug delivery applications. Journal of Drug Delivery Science and Technology, 104111. <https://doi.org/10.1016/j.jddst.2022.104111>

Hobbies: Cricket, Volleyball, Table Tennis, Writing