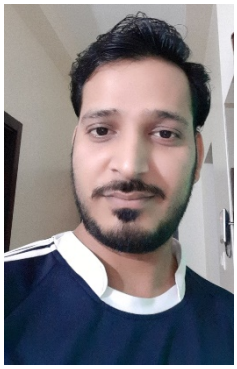
Curriculum Vitae



A. OBJECTIVE

TO BECOME A SKILLED PROFESSIONAL NANOTECHNOLOGIST IN THE AREA OF MODELLING, DESIGN, AND FABRICATION OF DEVICES

B. PERSONAL DETAILS

Name: Anurag Kumar Pandey

Gender: Male

Date of Birth: 26 April 1993

Permanent Address:

Postal Address: Room No. B-354, B. R. Ambedkar hall of residence, IIT Kharagpur, Kharagpur, West Bengal

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Google Scholar Link: **https://scholar.google.com/citations?user=Un1E2swAAAAJ&hl=en**

C. EDUCATIONAL BACKGROUND

COURSE	BOARD/UNIVERSITY	SUBJECT	YEAR	PERCENTAGE/ POINTER
PhD	IIT Kharagpur	Nano Science and Technology	2016-	
M. Tech.	Pondicherry University	Nano Science and Technology	2016	9.93
B. Tech.	Uttar Pradesh Technical University	Electronics &Communication Engineering	2013	74%
12	C.B.S.E.	Physics, Chemistry Mathematics	2009	77%
10	C.B.S.E.	Mathematics, Science, Social Science, English and Hindi	2007	84.2%

D. RESEARCH TOPIC

- Carbon Dots Derived from Natural Precursors for Biomedical and Energy Remediation applications.

E. RESEARCH EXPERIENCE

- Skilled in synthesis and characterization of Nanomaterials (carbon dots, metallic, and metal oxide)
- Skilled in In-vitro cell culture and antioxidant, bioimaging, and antibacterial studies.
- Investigation of catalytic activity of nanoparticles.

F. PUBLICATION/CONFERENCE/BOOK CHAPTER LISTS

1. Seethapathy, V., Sudarsan, P., Pandey, A. K., Pandiyan, A., Kumar, T. V., Sanjeevi, K., ... & Moorthy, S. B. K. (2019). Synergistic effect of bimetallic Cu: Ni nanoparticles for the efficient catalytic conversion of 4-nitrophenol. *New Journal of Chemistry*, *43*(7), 3180-3187.

2. Pandey, A. K., Bankoti, K., Nath, T. K., & Dhara, S. (2022). Hydrothermal synthesis of PVP-passivated clove bud-derived carbon dots for antioxidant, catalysis, and cellular imaging applications. *Colloids and Surfaces B: Biointerfaces*, *220*, 112926.
3. Kulkarni, G., Ray, P. G., Pandey, A. K., Dhara, S., & Das, S. (2022, April). FACILE APPROACH FOR IMAGING CELLS ON NON-TRANSPARENT POLYPYRROLE INCORPORATED SF/GEL MATRICES USING CLOVE DERIVED CARBON NANODOTS. In *TISSUE ENGINEERING PART A* (Vol. 28, pp. S610-S610). 140 HUGUENOT STREET, 3RD FL, NEW ROCHELLE, NY 10801 USA: MARY ANN LIEBERT, INC.
4. Ojha, A. K., Rajasekaran, R., Pandey, A. K., Dutta, A., Seesala, V. S., Das, S. K., ... & Dhara, S. (2021). Nanotheranostics: Nanoparticles applications, perspectives, and challenges. *BioSensing, Theranostics, and Medical Devices: From Laboratory to Point-of-Care Testing*, 345-376.