



NANDHA ENGINEERING COLLEGE (Autonomous), ERODE – 638 052

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

Accredited by NAAC with 'A+' Grade)

DEPARTMENT OF BIOMEDICAL ENGINEERING

S. No.	ACADEMIC YEAR	DURATION	NAME OF THE SCHEME	TITLE	AMOUNT SANCTIONED (Rs.)	SANCTIONED DATE & FILE NO.	U/C STATUS
1	2019–2020	3 Years	Research Promotion Scheme	Experimental Investigation and modeling of WO ₃ , ZnO and Graphene Nano particles in the field of Bio Medical applications	5,45,098	22.11.2019 & 8-222/RIFD/RPS(POLICY-1)/2018-19	Completed in December 2023



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OUTCOMES:

1. S. Kavitha, S. T. Sadishkumar and N. Prabhu, “Biomedical Applications of WO₃, ZnO, Graphene Nanoparticles”, International Journal of Mechanical Engineering, Vol.6, No.3, October - December 2021.
2. E. Madura, K. S. Mohan, D. B. Sindhu, N. Nishma Roshini, S. Sharmila and J. Sharmila, "Synthesis and Characterization of Ferrous Oxide Nano particles for Antimicrobial Activity", International Journal of Advances in Engineering and Management (IJAEM), Vol. 4, No. 4, April 2022.
3. P. Sukumar, K. S. Mohan, A. K. Aswini, E. Narmadha, J. Manicka Praveen and S. Bhuvaneshwaran “Nanoscale Synthesis and Characterization of Zinc Oxide Nanoparticles and Investigation of its Properties with Antibacterial and Antifungal Activity”, International Journal of Advances in Engineering and Management (IJAEM), Vol. 4, No. 4, April 2022.