

Department of Biotechnology - Sponsored Research Project Grant:

Title of the Project	Investigators	Funding Agency	Sanctioned Project Grant (INR)	Duration (in Years)
NanoSol - A Multi-Functional Advanced Therapeutic Burn Wound Dressing	Dr. Sundar Manoharan (PI) Dr. Sivaraman Dhanasekaran Dr. PS Pradeep	MHRD-STARS	4975000	3 Years
Non-Adhesive Liposome based Nano Hydrofibre Scaffold To Treat Hard-To-Heal Wounds	Dr. PS Pradeep -PI Dr. Sivaraman Dhanasekaran -Co-PI Dr. Sundar Manoharan-Co-PI	DST-TDP	4420000	3 Years
Glycoprotein Conjugated Liposomal Nano scaffold (GLINS): A next generation targeted drug delivery approach to combat <i>Porphyromonas gingivalis</i> .– Ref 2022-19080	Dr. Sivaraman Dhanasekaran-PI Dr. PS Pradeep - Co-PI Dr. Sundar Manoharan-Co-PI	ICMR	2790000	3 Years
eBactin gel: Mouldable Hydrocolloid for Skin Wound	Dr. PS Pradeep Dr. Sivaraman Dhanasekaran Dr. Sundar Manoharan	GPCL-CSR	1730000	3 Years
Mustafoam: Harnessing Mustard Residue for Sustainable Packaging and Environmental Restoration in Gujarat	Dr Sachidanand Singh- Co PI- PDEU Dr. Anil Patani PI SPU Dr. Megha Barot Co-PI SPU	GEMI	452000	3 Years
The chitinolytic marine microbes- A novel bio control approach; Letter No: GEMI/38/(45-5)/2023-24/2827	Dr Sachidanand Singh- Co PI- PDEU Dr. Anil Patani PI SPU Dr. Megha Barot Co-PI SPU	GEMI	492000	3 Years

<p>Nanoengineered Scaffolds with Functionalized Conjugates for Effective Management of Surgical Site Infections Caused by Drug-Resistant S. aureus in Oral and Maxillofacial Surgery</p>	<p>Dr. Sivaraman Dhanasekaran -PI Dr. PS Pradeep-Co-PI Dr. Sundar Manoharan-Co-PI and Dr.Santosh Kumar-Co-PI (Karnavathi Univ)</p>	<p>ICMR</p>	<p>4991000</p>	<p>3 Years</p>
<p>Elucidating the Molecular Interplay of Interferon-Gamma, Heme Oxygenase-1, Carbon Monoxide, and Calcium Signaling in the Regulation of Autophagy and Mycobacterium tuberculosis Clearance</p>	<p>Dr. Nisha Singh</p>	<p>ANRF</p>	<p>64,91,520</p>	<p>3 Years</p>
<p>Nutra Blaze</p>	<p>Dr Sachidanand Singh- Mentor Mr Harshith Mr Om Mr Kruthart Mr Varad</p>	<p>BIRAC</p>	<p>250000</p>	<p>3 Years</p>
<p>Exploring Network Pharmacology and Green-Synthesized Nanoparticles to Enhance Membrane Integrity in Anemia: A Novel Therapeutic Approach.</p>	<p>Dr Sachidanand Singh- PI, Dr. Sivaraman Dhanasekaran-Co-PI (I), Dr. Nisha Singh - Co-PI (II)</p>	<p>GSBTM</p>	<p>5642200</p>	<p>3 Years</p>