



## Dr. Vikram Sarabhai Research and Development Cell

### List of Seed Money Project for Academic Year 2024-25

Sr. No.	Name of the project	PI	Institute Name
1	Pathogen Detection in Wastewater: DNA-Based Nano-biosensors Synthesis and Applications	Dr. Pranati Sar	SOIS
2	Computational Insights into the Impact of Long-COVID Anxiety on Heart Health	Dr. Rahul Vaghela	ASOIT
3	Exploring Metal Organic Framework for the removed of pharmaceutical containments from industry Essesment	Mr. Vijaykumar Singh	ASOIT
4	AI- Powered Traffic Management with IOT Sensors	Mr. Rakesh Shah	SOCET
5	Optimization of Parameters for TIG and MIG Welding Processes: Enhancing Efficiency and Quality	Mr. Keval Bhavsar	ASOIT
6	Effect of Respiratory Muscle Training on PFT parameters in Healthy Young Individuals	Dr. Aarsh Bhatt	SOCOP
7	Stability Indicating HPLC Method Development and Validation for Naproxen and Domperidone In Combined Dosage Form	Dr. Advaita Patel	SOCOP
8	Exploring the Topological Properties of In <sub>2</sub> Se <sub>3</sub> -xSbx Compounds Thin Films for Advanced Quantum Applications	Dr. Piyush Patel	ASOIT
9	Advanced Energy Consumption Solutions in Automated EV Charges"	Mr. Rakesh Patel	SOCCA
10	Nanofiller-Enhanced Hybrid Polymer Nanocomposites for Superior Dielectric Performance	Dr. Sreenath Nair	ASOIT
11	Evaluating the impact of an integrated Ergonomic training Regimen Versus Conventional Treatment on Educators in Ahmedabad	Dr. Pranidhi Thakore	SOCOP
12	Study of surface Energy Balance over Constrasting agro-ecosystems of India using IN-situ observations and Satellite Remote Sensing	Dr. Devansh Desai	SOIS
13	Comprehensive Study of Selected Metal Complexes: Computational studies, Synthesis, Characterization and Biological Activities	Dr. Dhruvi Mehta	SOIS