

Status of research proposals submitted under Research Support Scheme

A. Proposals listed here are under scrutiny by the Internal Scrutiny Committee of GSBTM (April 2026 Submission)

Sr. No	Investigator(s)	Institute	Broad Area	Title of Proposal
1	Prof. Laxmipriya Pravin Nampoothiri, Dr. Rajesh Singh,	The Maharaja Sayajirao University of Baroda Banaras Hindu University	Healthcare Biotechnology	Resubmission- Understanding mitochondrial Homeostasis in gestational Polycystic Ovarian Syndrome
2	Dr. HIRAL SANGHAVI, Dr. Sacidanand Singh, Dr. SHIRSENDU MITRA	PDEU	Healthcare Biotechnology	Development of a Plasmonic Biosensor for Prenatal Detection of Fetal Abnormalities
3	Premlata Kumari, Dr. PARESHKUMAR KANUBHAI PATEL, Dr. SVNIT	Sardar Vallabhbhai National Institute of Technology	Healthcare Biotechnology	Hit-to-Lead Optimization of Guanine–Triazole–Phenylacetamide Hybrids Targeting GTP-Binding Protein Networks in Gastric Adenocarcinoma.
4	Dr. Himanshu Harkishandas Choksi, Dr. Omkar Singh Kushwaha	PDEU Indian Institute of Technology Madras	Animal & Plant Biotechnology	Modular Multi-Feedstock Waste-to-Chemicals Integrated Green Bio-Refinery Platform for Reducing Crude Oil Dependency and Enabling Net-Zero Circular Bioeconomy
5	Dr. Bhargav Chamanlal Patel	National Forensic Sciences University	Healthcare Biotechnology	RESUBMISSION - Development of a Multiplex qPCR Assay for Quantifying Human and Male DNA, and Evaluating Sample Degradation in forensic samples
6	Prof. Mithun Radhakrishna, Prof. Karthik Subramaniam Pushpavanam, Prof. Shanmuganathan Raman	Indian Institute of Technology, Gandhinagar	Deep Tech	AI and Physics-Guided Modeling for the Discovery of Cryptic Pockets and Druggable Holo-Like Protein Conformations
7	Dr. Nitin Narayan Gudadhe, Dr. Nishanth S	ICAR-Indian Institute of Groundnut Research	Animal & Plant Biotechnology	Development, Standardization and Commercialization of Pelletized Bio-Enriched Organic Manure Using Microbial

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				Consortia and Micronutrients for Improving Soil Health and Crop Productivity
8	Dr. Snigdha Khuntia	Ahmedabad University	Environmental Biotechnology	Process Intensification of Green Hydrogen Recovery from Agro-waste of Gujarat via Multiphase Mass-Transfer and Internal Illumination to overcome Scale-up Barriers
9	Dr. Khanjan Hariprasadbhai Trivedi, Dr. Santlal Jawaharlal Jaiswar	CSIR-CSMCRI	Animal & Plant Biotechnology	Species composition, genetic diversity and haplotype analysis of genus <i>Ulva</i> inhabiting intertidal environments of the Gujarat coast of North West India
10	Dr. Pankaj Yadav, Dr. Abhijit Biswas,	PDEU	Healthcare Biotechnology	Carbon Dot–Assisted Peptide Therapeutics: A Novel Nanomedicine Strategy for Breast Cancer
11	Dr. Doongar R CHaudhary, Dr. Satish Lakkakula, Dr. Satyamitra Shekh	CSIR-CSMCRI GBRC	Environmental Biotechnology	Genome-resolved isolation and functional characterization of marine bacteria for microplastic biodegradation
12	Dr. Prakash Prabhakaran Pillai	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	Single cell and spatial transcriptomics analysis and methylation landscape underlying glioblastoma induced T-cell dysregulation: Possible implications for tumor-induced immunosuppressive microenvironment
13	Dr. Indrajeet Kumar, Dr. Hasan M Rangwala,	Nirma University	Environmental Biotechnology	Biomass waste-based green graphene derivatives for remediation of emerging contaminants from Sabarmati River: quantitative analysis, risk assessment, and removal mechanisms
14	Dr. Abhijit Mishra, Dr. Amit Arora	Indian Institute of Technology, Gandhinagar	Environmental Biotechnology	Resubmission-Reusable Polymer-Coated Cellulose Acetate Beads for Efficient Antibacterial Filtration of Water

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15	Dr. Sangh Chandramohan, Dr. Nilima Karmakar,	ICAR-Institute of Groundnut Research	Animal & Plant Biotechnology	Multiplex Genome Editing of SDP1 Gene for the Concurrent Enhancement of Oil Content in Elite Indian Groundnut Varieties.
16	Dr. Sameer Patel, Dr. Anil Patel, Dr. Komal Shah, , Dr. Subramanian Sankaranarayanan	Ahmedabad University	Environmental Biotechnology	Comprehensive Biological Framework Integrating Chemical Characteristics and Oxidative Potential of Particulate Matter with Biomarker Discovery
17	Dr. Bhavik Chauhan	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	Design, Development and Evaluation of a Polyherbal Novel Formulation for Hepatoprotection
18	Dr. Hetal Thakkar	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	Formulation, Development and Characterization of Transdermal Microneedles Bearing Nanocarriers for Neurodegenerative Disease
19	Dr. Ishan Raval,, Dr. Amit Kumar Pandey, Dr. Apurvasinh C Puvar, Dr. Prabhat Upadhyay	GBRC, NIPER-A	Healthcare Biotechnology	Biomarker Validation for Accurate Margin Clearance in OSCC Mouse Models
20	Dr. Prabhat Upadhyay	NIPER-A	Healthcare Biotechnology	Restoring Neonatal Neurodevelopment after Pollutant-Induced Maternal Immune Activation via Transabdominal Photobiomodulation of the Gut-Brain Axis
21	Dr. Hetal Roy	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	Optimizing human milk composition through targeted maternal nutrition to regulate infant gut microbiota, epigenetic signature and neurodevelopmental outcomes
22	Dr. Mahuya Bandyopadhyay, Dr. Kalisadhan Mukherjee,, Dr. Sourav Das	IITRAM, PDEU	Environmental Biotechnology	Resubmission-Bio-Inspired Nanoporous Photocatalytic Platforms for Heavy Metal Removal and Recovery from Wastewater
23	Dr. Nilima Karmakar, Dr. Prashantha ST, Dr.	ICAR-Institute of Groundnut Research	Animal & Plant Biotechnology	Development of a CRISPRa-Based Gene Activation Platform Targeting Resveratrol Synthase

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	Sangh Chandramohan			for Enhanced Aflatoxin Tolerance in Groundnut.
24	Dr. Sudhanshu Sharma, Dr. Aditi Singhal,	Indian Institute of Technology, Gandhinagar, Ahmedabad University	Environmental Biotechnology	Catalytic Upgrading of Anaerobic Digestion-Derived Biogas to Methane-Rich Fuel Using Green Hydrogen
25	Dr. Arpita Satishchandra Desai, Dr. Darshee Baxi	The Maharaja Sayajirao University of Baroda, Navrachana University	Healthcare Biotechnology	Self-therapeutic nano carriers: combinatorial approach for triple negative breast cancer with immunomodulatory and chemotherapeutic properties
26	Dr. Ravi Vijayvargia, Dr. PRASHANT REVAN MURUMKAR,	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	A combinatorial therapeutic strategy for Huntington's Disease: Design, synthesis and validation of novel small molecules targeting multiple dysregulated pathways
27	Dr. Archana Kumari	GBU	Animal & Plant Biotechnology	Identifying Small-Molecule Modulators of Plasma Membrane H ⁺ -ATPases for Enhancing Drought Stress Tolerance in Chickpea.
28	Prof. Ravi P Shah, Dr. Derajram M Benival, Dr. Satyasheel Sharma,	NIPER-A	Healthcare Biotechnology	Resubmission-Development of α -Syn-Based Bioconjugate Platform for Enhancing Brain Bioavailability of Therapeutics in Alzheimer's Disease Management
29	Dr. Jayendra Maganbhai Bhalodiya, Dr. Keyur Dineshchandra Joshi, Dr. Vivek Tanavde	Ahmedabad University	Deep Tech	Development of an AI-enabled robust computational framework for high-precision cell segmentation and integrative single-cell analysis using spatial transcriptomics for oncology samples
30	Dr. Amee Nair, Dr. Nasreen Munshi	Nirma University	Healthcare Biotechnology	Development of an ELISA-Based Platform for Early Detection of Kidney Dysfunction: Diagnostic Assay for Diabetic Nephropathy

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31	Dr. Samadhan Yuvraj Bagul , Dr. Satyanshu Kumar, Dr. Sunil Kumar, Dr. Vaishali Tejas Thakkar	ICAR- Directorate of Medicinal and Aromatic Plants Research Anand Pharmacy College	Deep Tech	Bioinformatics based approach for integrating essential oil and extract based nano formulation for combating AMR in humans and animals
32	Dr. Nishanth S, Dr. kiran kumar reddy, Dr. Nitin Narayan Gudadhe	ICAR-Indian Institute of Groundnut Research	Animal & Plant Biotechnology	Isolation, Functional Characterization, and Commercialization of Native Mycorrhiza for Enhancing Groundnut Productivity under Water Stress and Phosphorus-Limited Conditions
33	Dr. Renuka V, Dr. Mahesh Vasava	National Forensic Sciences University	Deep Tech	Development of a Nanozyme-Coated Smart Indicator Strip for Real-Time Detection of Lipid Oxidation in Edible Oils
34	Dr. Kalpana Kumari, Dr. Pankaj Yadav	PDEU	Environmental Biotechnology	Sustainable Valorization of Prosopis juliflora Biomass in Gujarat: Development of Peptide Bionanozymes for Production of Vanillin and Its Application as a Bioactive Antibacterial Coating for Sanitary Napkins
35	Dr. CHIRAGKUMAR MANSUKHBHAI BHALIYA, Dr. Nishanth S, Dr. Nitin Narayan Gudadhe, Dr. Prashantha ST	ICAR-INDIAN INSTITUTE OF GROUNDNUT RESEARCH	Animal & Plant Biotechnology	Bio-prospecting, Characterization and Commercialization of Indigenous Microbial Bio-inputs for Sustainable Groundnut Production under Biotic Stress Conditions
36	Prof. Shweta Agarwala, Dr. Ashutosh Kumar Singh, Dr. Kavita Pandey, Dr. Vinay Patel,	Ahmedabad University Centre for Nano and Soft Matter Sciences Indian Institute of Technology Kharagpur	Deep Tech	AI-Guided Indigenous Dry Electrode Platform for Multimodal Bioelectrical Sensing and Stimulation in Neurorehabilitation
37	Dr. Chetan Manharlal Patel	Sardar Vallabhbhai National	Deep Tech	Development of advanced multistage outdoor air filter

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		Institute of Technology		using coconut shell nanoparticles
38	Dr. FENILKUMAR SURESHBHAI PATEL	GBRC	Animal & Plant Biotechnology	CRISPR/Cas-Mediated Editing of RPN10 Gene for Developing Little Leaf Disease Resistant Brinjal (<i>Solanum melongena</i> L.)
39	Dr. Jasmin Kubavat, Dr. Jigarkumar Maheshkumar Raval	National Forensic Sciences University	Deep Tech	Development of MOF-integrated enzyme-based electrochemical biosensor for Herbal Fraud Detection
40	Dr. AJIT KUMAR	Central University of Gujarat	Animal & Plant Biotechnology	Development of Optical Sensor Platforms for Rapid Detection of Pesticide Residues in Agricultural Soil and Water (Resubmission)
41	Dr. Durgesh Kumar Tripathi, Dr. Aaradhana Chilwal, Dr. Rukam Singh Tomar	ICAR-Indian Institute of Groundnut Research Junagadh	Deep Tech	Establishment of a Nano Carrier-Based Agrobacterium-Independent Direct Delivery Genome Editing System in Groundnut
42	Dr. Jigneshkumar Vasantbhai Rohit, Dr. Anuradhakumari Zaverbhai Chaudhari, Dr. Hemant Sharma,	Sardar Vallabhbhai National Institute of Technology Navsari Agricultural University Hemchandracar ya North Gujarat University	Animal & Plant Biotechnology	Development of nano-biopesticides by enhancing the pesticidal efficiency of wild plants of South Gujarat
43	Dr. Biswajit Saha Prof. Ankur Solanki	Indian Institute of Technology, Gandhinagar PDEU	Healthcare Biotechnology	Engineering reporter bacteriophages integrated with a microfluidic device as species-specific, drug resistance-aware live bacterial biosensors
44	Dr. James M, Dr. Chirag Jyotishbhai Rajani, Dr. PALAPARTHI DHARMATEJA	ICAR-INDIAN INSTITUTE OF GROUNDNUT RESEARCH	Animal & Plant Biotechnology	Identification of favourable allelic combinations associated with yield, quality, adaptation and stress tolerance traits in Groundnut (<i>Arachis hypogaea</i> L.)

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45	Prof. Ankur Solanki, Dr. Biswajit Saha, Prof. Prakash Chandra	Indian Institute of Technology, Gandhinagar PDEU	Healthcare Biotechnology	Adaptive Neuromorphic Memristor-Based Biosensing Platform for Dengue NS1 Detection
46	Dr. Hemant Kumar, Dr. Kalpna Garkhal	NIPER-A	Healthcare Biotechnology	Resubmission-Enhanced chondrocyte regeneration of intra-articular injectable formulation containing biomimetic peptide and drug loaded microspheres
47	Dr. Archana M Navale, Dr. Mukesh Dhanka	Indian Institute of Technology, Gandhinagar Parul University	Healthcare Biotechnology	Resubmission-"Self-Regulating Hydrogel for Joint-Specific Enzymatic Uric Acid Depletion and Antioxidant Protection in Gout Management"
48	Dr. NANDINI G A, Dr. Nataraja MV	ICAR-Indian Institute of Groundnut Research	Animal & Plant Biotechnology	Development and validation of pheromone-based trap for groundnut bruchid, Caryedon serratus
49	Prof. Himanshu Shekhar, Dr. DHIREN SHANTILAL SHAH, Prof. Karla Patricia MercadoShekhar	Indian Institute of Technology, MARENGO CIMS HOSPITAL	Healthcare Biotechnology	Development of a Portable Hypothermic Perfusion Machine for Organ Transport Applications
50	Dr. Syed Shahabuddin, Dr. Snehal S Patel,	PDEU, Nirma University	Healthcare Biotechnology	Oral Insulin as a Needle-Free Alternative in Diabetes: A Biocompatible Capsule Engineered to Overcome Gastrointestinal Barriers and Boost Epithelial Drug Transport
51	Dr. Priyanka A Shah	National Forensic Sciences University	Environmental Biotechnology	Resubmission-Biotechnologically Derived Functionalized Ion-Exchange Paper-Based Extraction Disc (PBED) for Sustainable Heavy Metal Analysis in Dietary Supplements
52	Dr. Lakshmana Rao Jeeru, Dr. Balasubramanian Ragunathan,	PDEU	Environmental Biotechnology	Self-Adaptive Multi-Stage Biohydrogen Production from Mixed Waste Biomass via Thermo-Bioelectrochemical Integration

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53	Dr. kiran kumar reddy, Dr. Aaradhana Chilwal, Dr. Nishanth S, Dr. Nitin Narayan Gudadhe	ICAR-Indian Indian Institute of Groundnut Research	Environmental Biotechnology	Comparative Rhizosphere Metagenomics and Root Transcriptomics to Decipher Iron-Acquisition Mechanisms in Tolerant and Susceptible Groundnut Genotypes under Calcareous Soils
54	Dr. Abhijit Mishra, Prof. Prachi Thareja	Indian Institute of Technology, Gandhinagar	Environmental Biotechnology	Morphology-Engineered Marine Bioplastic Films and Coatings via Electrostatic Biopolymer Fillers
55	Dr. Shruti Chatterjee Dr. Snehal Patel	Nirma University	Healthcare Biotechnology	In-vitro and In-vivo study on small anti-virulent molecules against Multi Drug-Resistant Shigella invasion and adhesion factors
56.	Dr. Barnali Biswas	Institute of Advanced Research	Healthcare Biotechnology	Dissecting the role of MGAT1-Mediated Glycosylation in Regulating Basigin Signalling and Germ Cell Architecture for potential treatment of male infertility
57	Dr. Krishna B S Swamy Ashim Rai	Ahmedabad University	Healthcare Biotechnology	Targeting mucin–microbiome dynamics to design probiotic strategies that strengthen colonization resistance and combat antimicrobial resistance in the gut
58	Dr. Sanjeev Kumar Upadhyay	The Maharaja Sayajirao University of Baroda	Healthcare Biotechnology	Revised-Role of potassium channel Kv1.3 in adipose tissue and its population validation
59	Dr. Kanti Kiran Dr. Nisha Singh	GBU	Animal & Plant Biotechnology	Development of Water smart monocot crops to mitigate drought climatic conditions through a novel micrografting technique
60	Dr. poonam Bhojak, Dr. Akanksha Patel, Dr. anitha hosur, Dr.	Parul University	Healthcare Biotechnology	Development of Punarnava Bioactive – Swarna Bhasma Gold Nanoparticle Based Dissolving Ocular Microneedles for Targeted Ocular Delivery in Diabetic Retinopathy
61	Dr. Joydeep Chakraborty, Dr. Vishalkumar	CHARUSAT	Environmental Biotechnology	Management of microplastic pollution caused by sanitary

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	Bhupendrakumar Purohit			care products using a combinatorial approach
62	Dr. Chinatn B Bhagat	The Man-Made Textiles Research Association	Healthcare Biotechnology	DEVELOPMENT AND ASSESSMENT OF INNOVATIVE WOUND CLOSURE AND FABRIC FOR ENHANCED HEALING AND PREVENTION OF ANTIMICROBIAL-RESISTANCE AGAINST MDR PATHOGENS
63	Dr. Alok Umakant Tripathi, Mrs. Pallavi Alok Tripathi	Indrashil University	Environmental Biotechnology	Bioenzyme-Aided Sustainable Manufacturing: A Circular Green Economy Approach
64	Dr. Harsukh P. Gajera, Dr. Darshna G Hirpara, , Dr. Manoj Vallabhbhai Parakhia	Junagadh Agricultural University	Deep Tech	AI-Assisted Integration of Multi-Omics and Nano-Enabled Salicylic Acid Intervention for Enhancing Heat Stress Tolerance in Cotton (<i>Gossypium hirsutum</i> L.)
65	Dr. Rushikesh Joshi, Dr. Devendrasinh Jhala,	Gujarat University	Healthcare Biotechnology	Evaluating the Effect of Yoga Therapy in Rebalancing Gut Microbiota, Hormonal Profile, and Metabolic Health in Early-Stage PCOS: A Longitudinal Study
66	Dr. KALPESHKUMAR BABUBHAI ISHNAVA	Sardar Patel University	Animal & Plant Biotechnology	Genetic transformation of gene cobA for Precorin-2 production in Zea mays L. Plant for Vitamin B12 Biofortification
67	Dr. ASHISHKUMAR GAUTAMBHAI VALA, Dr. Harshadkumar R Sodhaparmar , Dr. Harsukh P. Gajera	Junagadh Agricultural University	Animal & Plant Biotechnology	Biotech-Driven Decoding of Arabinoxylan Networks in Wheat for Nutritional Security and Climate-Resilient Grain Quality
68	Dr. Manoj Vallabhbhai Parakhia, Dr. Darshna G Hirpara, Dr. Harsukh P. Gajera, Dr. Manoj Vallabhbhai Parakhia	Junagadh Agricultural University	Animal & Plant Biotechnology	Resubmission -CRISPRa-mediated editing of host defense genes to restrain aflatoxin contamination for export seed quality in groundnut (<i>Arachis hypogaea</i> L.)

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69	Dr. Darshna G Hirpara, Dr. Harsukh P. Gajera, Dr. Manoj Vallabhbhai Parakhia	Junagadh Agricultural University	Environmental Biotechnology	Resubmission -Green Synthesis, Characterization, and Agricultural Application of Carbon Quantum Dots Derived from Wheat Straw for Enhancing Soil Health and Crop Growth
70	Dr. Ramji Gupta, Dr. Anant Maheshkumar Agrawal, Dr. Nivedita Priya, Dr. Ramji Gupta, Dr. Sumit DasLala, Prof. VIJAY JAGDISH UPADHYE	Parul University	Healthcare Biotechnology	Development of Next-Generation Digital Rapid Test Strip for Early Cardiac Diagnosis Using Aptamer-Based hs Troponin I Detection.
71	Dr. Komal Shashikant Patel, Dr. Nivedita Priya, null, null	Parul University	Healthcare Biotechnology	Development and Evaluation of phytochemical enriched conjugated with green synthesized AgNPs for Anti-Platelet and Anti-Thrombotic effect in Type 2 Diabetes-Associated Cardiovascular Diseases
72	Dr. Hardikkumar Mukeshbhai Movaliya, Dr. Manoj Vallabhbhai Parakhia, Dr. Pratik Jayshukhbhai Davaria, Dr. Vishruta Dineshbhai Babariya, Prof. Mehul Dineshbhai Sangani	Junagadh Agricultural University	Animal & Plant Biotechnology	Rejuvenation of alkaline soil through ecogenomic profiling and microbial consortia integrated with natural farming inputs in climate-resilient cropping systems
73	Dr. Aditi Buch	CHARUSAT	Environmental Biotechnology	Resubmission-Development of a Glucose-based, Methanol-free Microbial Platform for Sustainable Production of Pyrroloquinoline Quinone (PQQ)
74	Dr. Satyasheel Sharma Dr. Hemant Kumar	CHARUSAT	Healthcare Biotechnology	Target based design and development of novel NLRP3 inflammasome inhibitor as

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				potential therapeutics in Parkinson's disease
75	Dr. Chirag Amrutlal Patel, Dr. Jayesh Vinubhai Beladiya, Dr. Manthan Merja, Dr. Sandip Pravinbhai Dholakia	L. M. College of Pharmacy, Sterling Hospitals	Healthcare Biotechnology	Integrated Salivary DNA Adduct and MGMT Promoter Hypermethylation Profiling for Risk-Associated Classification across the Oral Carcinogenesis Spectrum
76	Dr. Ravindra Singh Rawat, Prof. Satyendra Mishra	Indian Institute of Advanced Research	Healthcare Biotechnology	Resubmission - Targeting RNA modifying domains of Nipah L-protein Through Integrated in Silico and Experimental Approaches.
77	Dr. Nivedita Priya, Dr. Ramji Gupta	Parul University	Environmental Biotechnology	Resubmission- Development of an integrated microfluidic fluorescent POCT platform for the identification of microplastics in wastewater and their remediation using micro-nano-based approaches.
78	Dr. Rinku Dhananjay Umrani, Dr. Gaurang B Shah, Dr. Narendra S Bhatt	L. M. College of Pharmacy	Healthcare Biotechnology	Development and Preclinical Evaluation of Ayurvedic Polyherbal Formulations for Integrated Management of Hemophilia.
79	Dr. Pinkeshkumar Gopalbhai Sutariya	Sardar Patel University	Deep Tech	BioGlowSense: Calix[4]arene-Based Paper Fluorescent Sensor for Nutrient and Biomarker Detection
80	Dr. Sumit S Bhawal, Dr. Parth Pandya, Dr. Sandeep R Patil,	Navrachana University	Environmental Biotechnology	Development of Citronellyl and Castor Oil-Based Surfactant Systems for Integrated Agricultural Protection and Malaria Vector Control.
81	Dr. DENNI D MAMMEN, Dr. Parth Pandya	Navrachana University	Healthcare Biotechnology	Bioprospecting the aerial roots of Tinospora cordifolia as a sustainable Rasayana alternative bioresource: Integrative phytochemical, omics, and Ayurvedic validation study
82	Dr. Anand Narayanasamy, Dr. Mukund Gunwant	Sardar Patel Renewable Energy Research	Environmental Biotechnology	Resubmission - Translational Development and Scale-Up of Nutraceutical-Enriched

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	Adsul, Dr. MV Rohith	Institute (SPRERI)		Microalgae for Functional Food Applications
83	Dr. Akhilesh Prajapati, Dr. Rajesh Singh, Prof. Vinay Kumar Singh	GSFC University Banaras Hindu University	Healthcare Biotechnology	Design and synthesis of new organic derivative holding active moiety of leflunomide and their Iron(II) complexes targeting mitochondrial dynamics as potential novel anticancer in breast cancer subtypes
84	Dr. APARNA TRUSAR BAGUL, Dr. ANJANA R, Dr. VIJAY KELE	Parul University	Healthcare Biotechnology	Development and Functional Evaluation of an Ayurvedic Meal Sachet for Glycaemic Control in Pre-Diabetic Adults
85	Dr. Prabhudas S Patel, Dr. Aruna Agrawal, Dr. Ashi Thobias , Dr. Saumya Patel	Dr. Jivraj Mehta Smarak Health Foundati on and Bakeri Medical Research Centre Gujarat University	Healthcare Biotechnology	Resubmission-Identification of Predictive Signatures for Progression and Therapeutic Failure for Oral Anti-Hyperglycemic Agents in Patients with Type 2 Diabetes Mellitus: A study focused on patient from Gujarat region.
86	Dr. Abhinav PARASHAR, Dr. Atanu Banerjee	CHARUSAT	Environmental Biotechnology	Resubmission - A Biphasic Approach for the Remediation of Polycyclic Aromatic Hydrocarbons
87	Dr. Kirtan Dave, Dr. PRASANNA MATHAD, Dr. Rahul Ashruba Jadhav	Parul University	Deep Tech	Systemic Evaluation of the Anti-Ageing Potential of Bhallataka Rasayana: Integrating Physiological Markers with Transcriptomic Profiling
88	Dr. Nilay D Solanki	CHARUSAT	Healthcare Biotechnology	Biotherapeutic Modulation of the Gut–Brain Axis: Multi-Targeted repurposed PARP-1 Inhibitor and Probiotics Synergy in the Mitigation of Alzheimer’s Disease
89	Dr. Udaykumar Girdharlal Vegad, Dr. DEVANG BHIKHUBHAI SHETH, Prof. Sanjaykumar	GTU L. M. College of Pharmacy	Healthcare Biotechnology	Resubmission: Gut-Ovary Axis Modulation by an Enriched Shatavarin IV-Standardized Asparagus racemosus Extract for the Management of Polycystic Ovary Syndrome

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	Prakashbhai Chauhan			
90	Dr. MILIND PARESHKUMAR CHATRABHUJI, Dr. PRASANNA MATHAD, Dr. Snigdhadas Mandal	Parul University	Healthcare Biotechnology	Comparative Pharmaceutical Characterization, In-Vitro and In-Vivo Anti-Cancer Evaluation of Vajra Bhasma, Vajra Druti, and Lab Grown Diamond (CVD Diamond) Bhasma in Breast Carcinoma: A Comprehensive Three-Arm Pre-Clinical Study
91	Dr. Akshaya Padmakar Gupte, Dr. Hardik Rajendrabhai Gohel	Sardar Patel University	Environmental Biotechnology	Project Title (Resubmission): Microbial community analysis of wetlands and development of microbial consortia capable of degrading antibiotics and emerging pollutants
92	Dr. Bibhas Kumar Bhunia, Dr. Anupam Jyoti, Dr. Priyanka Ahlawat	Parul University	Healthcare Biotechnology	Minimally Invasive Catechol-decorated Bioadhesive Antimicrobial Hydrogel with Analgesic Function for Nucleotomy and Spinal Fusion
93	Dr. Vishvjit Thakar	Indrashil University	Healthcare Biotechnology	Artificial Intelligence and Machine Learning based Prediction of Healing of Bedsore
94	Dr. Reeshu Gupta, Dr. SAHAJ PALOD	Parul University	Healthcare Biotechnology	Pre-Radiotherapy Prediction of Severe Radiation-Induced Oral Mucositis using cfDNA Integrity Index and ALU-Based Biomarkers in Oral Cancer
95	Dr. Shyamalendu Tripathy	Parul University	Environmental Biotechnology	Development and Evaluation of Marine Algae-Derived Topical Formulation for anti-dermatitis and Anti-Photoaging Applications from the Gujarat Coast
96	Dr. HARISH DAGA, Dr. DIMPAL PRAFUL CHANDRA KHAMBHATI, Dr. Hemant Toshikhane	Parul University	Healthcare Biotechnology	Development of an Ayurvedic Functional Blood Analysis Device for Doṣha Assessment Using Blood Obtained via Phlebotomy

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97	Dr. Harengiri Bharatgiri Gosai, Dr. Ritu Bhaumik Patel	Indrashil University	Environmental Biotechnology	Resubmission - Gene Cloning, Recombinant Expression, and Functional Characterization of Hyaluronidase in Escherichia coli for Sustainable Circular Bioeconomy Applications
98	Dr. Poulomi - Sengupta, Dr. Randhir Kumar	Indrashil University	Healthcare Biotechnology	Mitochondria-Targeted Gold Nanoplatfrom for Synergistic Co-delivery of Cisplatin and Melatonin: A Next-Generation Cancer Therapy Approach
99	Dr. Hemant Toshikhane, Dr. HARISH DAGA, Mr. Bharat Vallabhdas Tank	Parul University	Healthcare Biotechnology	Ultrasound Based Anatomical and Physiological Validation of Kshipra Marma : A Proof-of Concept Study for Development of a Non-Invasive Localization Device
100	Dr. Kshipra Chauhan, Dr. Rajeshkumar Ghemarbhai Chaudhari, Dr. VANDIP DIPAKBHAI CHAUHAN	GTU	Healthcare Biotechnology	Resubmission- TickDiv: An Indigenous Web-Accessible Database for Tick Species Diversity
101	Dr. Hemant Kumar , Dr. Parth Thakor	CHARUSAT	Healthcare Biotechnology	Screening and Structural Profiling of MmpL3-Inhibitory Monoclonal Antibodies.
102	Dr. Puja Pandey, Dr. Ramji Govindbhai Parmar	Anand Agricultural University	Animal & Plant Biotechnology	Development of Recombinase Polymerase Amplification Assay for Crude Sap Based Rapid and Robust Detection of Viral Diseases in Papaya (<i>Carica papaya</i> L.)
103	Dr. Harengiri Bharatgiri Gosai, Dr. Rameshchandra Jetha Pandit, Dr. Ritu Bhaumik Patel, Prof. Vijai Singh	Indrashil University	Environmental Biotechnology	Resubmission - Microbiome Dysbiosis and Pregnancy Loss in Gujarat: A Translational Pathway to Functional Restoration
104	Dr. Anand Somvanshi, Dr. Gajendar Singh, Dr. Richa Mishra, Dr. Tejal Barkhade	Parul University	Environmental Biotechnology	Nanozyme-Based Integrated Platform for Ultra-fast Real-Time Monitoring and Oxidative Degradation of Common Antibiotic Contaminants from

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				Environmental and Food Sources: A Path to Mitigate AMR
105	Dr. Narayan Joshi	Dharmsinh Desai University	Animal & Plant Biotechnology	Development of AI Based Technique for Groundnuts Characterization in Gujarat State
106	Dr. Vasudev R. Thakkar	Sardar Patel University	Healthcare Biotechnology	Genome-Guided selection and In-Vitro Validation of medicinally useful Postbiotics from indigenously isolated and prescreened Probiotics
107	Dr Ebin. T U Dr Harisankar MS	Parul Institute of Ayurved, Parul University	Healthcare Biotechnology	Resubmission-ThyroGut': Development of a Standardized Ayurvedic Herbo-Mineral formulation for Hypothyroidism Targeting Gut Microbiome and Immune-Thyroid Axis.
108	Dr. Sandesh Chibber	Ganpat University	Healthcare Biotechnology	Unveiling a Copper-Dependent Prooxidant Pathway of Methotrexate in Cancer Therapy
109	Dr. Seema Rani, Dr. Sumit Kumar Jaiswal	Marwadi University	Animal & Plant Biotechnology	Development of Drosophila Model for the Human-Associated Lipophilic Fungus Malassezia furfur
110	Dr. HARDIK SURYAKANT SHAH, Dr. Pareshkumar Umedbhai Patel	Ganpat University	Healthcare Biotechnology	Development and Optimization of Synbiotic Formulations Based on Yeast Derived from Traditional Dairy Matrices
111	Dr. Urvish Dhruvkumar Chhaya Chhaya, Prof. Sanket Janakray Joshi	Natubhai V. Patel College of Pure and Applied Sciences Amity University Rajasthan	Environmental Biotechnology	Bioprospecting of fungal metalloenzymes for the sustainable removal of an emerging pharmaceutical pollutant diclofenac.
112	Dr. SOURABH JAIN, Prof. Praful D Bharadia	Ganpat University	Healthcare Biotechnology	Design and development of Brain Targeted Synergistic Nanocarrier based intranasal drug delivery system of Silibinin with Piperine for the effective treatment of Parkinsonism.

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113	Dr. Pravin Narayan Bhalerao	Marwadi University	Environmental Biotechnology	Development of Functional Chalcone Polymer and its Membranes for Wastewater Remediation
114	Prof. Jagruti laxman Bheda	Noble University	Healthcare Biotechnology	Discovery of Novel Anticancer Agents from Wild Mushrooms of Saurashtra Forests Using Green-Synthesized Nano-Enabled Drug Delivery Systems
115	Dr. Trivima Sharma, Dr. Deepak Dinesh Sharma,	Ganpat University	Animal & Plant Biotechnology	Development of a Gujarat Integrated Micropropagation and Climate-Adaptive Cultivation Model for Import Substitution of Hing (<i>Ferula Asafoetida</i>) in India
116	Dr. Pareshkumar Umedbhai Patel, Dr. SOURABH JAIN	Ganpat University	Healthcare Biotechnology	Bioprospecting and Molecular Screening of Selected Tribal Foods from Gujarat for Anti-diabetic and Anti-cancer Bioactive Compounds
117	Dr. Umang Haribhai Gajjar, Dr. Ankit Chaudhary	Saraswati Institute of Pharmaceutical Sciences	Healthcare Biotechnology	Development of a Liposomal Phytopharmaceutical from <i>Semecarpus anacardium</i> for Prostate Cancer: From Bioactive Isolation to Preclinical Validation
118	Dr. Meonis Aspi Pithawala, Dr. Komal Paresh Patel,	UKA Tarsadia University	Healthcare Biotechnology	Investigation of the vaginal microbiome in women undergoing IVF across Pre-implantation, Implantation, and Post-implantation phases to establish an association with its outcomes
119	Dr. Paresh N Patel, Dr. Dhruti Amin,	UKA Tarsadia University	Environmental Biotechnology	“Resubmission-Development of microbial assisted bioleaching of silicon from solar waste: In-situ conversion into silicon nanomaterial for advanced electronic applications”
120	Dr. Kalpesh Shivabhai Vaghela, Dr. Deepak Dinesh Sharma, Dr. Harsimran Kaur, Dr. Pareshkumar Umedbhai Patel	Ganpat University	Animal & Plant Biotechnology	Development of Microbial Consortia-Based Dual-Action Biopesticide for Control of <i>Helicoverpa armigera</i> and <i>Fusarium</i> spp. in Cotton Crops

Sr. No	Investigator(s)	Institute	Broad Area	Title of Proposal
121	Dr. Chandrajit Lahiri	Atmiya University, Rajkot	Environmental Biotechnology	Identification and Characterization of Thermostable Carbonic Anhydrases from Gujarat Hot Springs for Efficient Carbon Capture and Utilization
122	Dr. KRISHAN KUMAR	Ganpat University	Environmental Biotechnology	Engineering Multifunctional Chimeric Enzymes for Enhanced Saccharification of Lignocellulosic Biomass for Bioethanol Production
123	Dr. Virendra Kumar Yadav	Marwadi University	Environmental Biotechnology	Development of Sr- and Mg-integrated Bi, Tri- and quadra-metallic nanoparticles/alloys from industrial waste mediated by marine bacteria for nanosensing and antimicrobial applications
124	Dr. Kuldeep Luhana, Dr. Shabanam Saiyad Kasammiya	Bhakta Kavi Narsinh Mehta University GTU	Healthcare Biotechnology	Integrated One Health Surveillance of Zoonotic Pathogens and Antimicrobial Resistance in Asiatic Lions (<i>Panthera leo persica</i>) in Amreli District, Gujarat, India: A Pilot-Scale Ecological and Molecular Study
125	Dr. Nishith Dharaiya	Bhakta Kavi Narsinh Mehta University GTU	Animal & Plant Biotechnology	Identifying functional ecological sloth bear corridors in Gujarat using non-invasive genetic analysis
126	Dr. Kaustubh Sunil Rane, Dr. Sophia Varghese	Indian Institute of Technology, Gandhinagar G.H Patel College of Engg & Tech, The Charutar Vldya Mandal (CVM) University	Deep Tech	Decoding heterogeneity in the synthesis of Lipid Nanoparticle Formulations Through Coupled Experimental Characterization and Computational Modeling
127	Dr. Prarthan Chirag Amin, Prof. Himanshu Shekhar, Prof. Karla Patricia MercadoShekhar	Gujarat University Indian Institute of Technology, Gandhinagar	Deep Tech	A pedicle probe equipped with ultrasound sensor for real time guidance of spinal instrumentation

Sr. No	Investigator(s)	Institute	Broad Area	Title of Proposal
128	Prof. Soumajit Dutta	Indian Institute of Technology, Gandhinagar	Deep Tech	A Multi-Scale Computational Pipeline: From FDA-Approved Repurposing to De Novo Design in Triple Negative Breast Cancer
129	Dr. Sandeep G. Chovatiya Dr. Sachin M. Sitapara	Saurashtra University Government Science College, Veraval	Healthcare Biotechnology	Resubmission-Integrated Drug Design: Molecular Modeling and Synthesis of Novel Heterocyclic Compounds for Triple-Negative Breast Cancer
130	Dr. Ranjan C. Khunt Dr. Sandeep G. Chovatiya	Saurashtra University	Healthcare Biotechnology	QSAR- Guided Design, Synthesis And Biological Evaluation Of Peptide -Mimetic Acridine – Based Small Molecule As Immunosuppressive Agents
131	Prof. Pragnesh N Dave	Sardar Patel University	Environmental Biotechnology	Bioremediation of Pesticide-Laden Wastewater Using Sustainable Adsorbents Derived from Seepweed: A Circular Bioeconomy Approach

B. Proposals listed here are pending for scrutiny by the Internal Scrutiny Committee of GSBTM (January 2026 Submission-Cancer Proposals)

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
1	Dr. Bharatkumar B. Parekh	Dr. Shashank Pandya Dr. Brijesh Tripathi Dr. Mahesh Kumar	Pandit Deendayal Energy University	Label-Free Optical Bio-Sensing for Early Cancer Diagnosis Using Laser-Based Nonlinear Z-Scan Technique
2	Prof. Hitesh D Pate	Dr. Gaurang Sindhav	Gujarat University	Lead optimization and Development of anticancer agents Targeting the folate metabolic pathway
3	Dr Prakash Chandra	Dr Abhijit Biswas Dr Brijesh Tripathi	Pandit Deendayal Energy University	Persistent Luminescence Nanomaterials for Early Oral Cancer Diagnosis
4	Dr. Neeru Singh	Dr. Roli Mishra	IAR	Development of a mir-483-5p antagomir therapy to restore Olaparib sensitivity in BRCA1-deficient ovarian cancer

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
5	Dr. Pankaj Yadav		Pandit Deendayal Energy University,	Mango plant-derived carbon dots for lateral flow assay prostate cancer diagnosis device
6	Dr. Drishti Panjwani	Dr. Asha Shankarbhai Patel	Parul University	ROR1-Targeted STING Immune-Stimulating Antibody Conjugates for Dual Tumor-Intrinsic and Immune-Mediated Therapeutics
7	Prof. Keshri Nath Tiwari	Dr. Nidhi Gour	Indrashil University	New Pyridothiazole Based AIE/AIEE Dyes for Extended Duration Cancer Cell Imaging and Tracking
8	Dr. Chirag Patel	Dr. Jainik Kumar Patel Dr. Subhash J. Jakhesara	Bhaikaka University Kamdhenu university	Metagenomic Evaluation of Fecal Microbiota and Antimicrobial Resistance Gene Profiling in Cancer Patients at a Tertiary Care Hospital in Gujarat: A Longitudinal Study
9	Dr. Sarat Kumar Dalai (Resubmitted)	Dr Aarthi Sundararajan	Nirma University	Development of a Safer Human Interleukin-12 Variant as a Promising Anti-Cancer Therapeutic
10	Dr. Meghna H Seta	Dr. Lalji Baldaniya	Marwadi University	Design, Synthesis and In-Silico Evaluation of Hypoxia-Activated Prodrugs Targeting HIF-1 α for Cancer Therapy
11	Iti Gupta	Himanshu Shekhar	IIT Gandhinagar	Autophagy Inhibitors Linked Porphyrins: Combined Sonodynamic and Photodynamic Ploy to Treat Oral Cancer
12	Dr. Mayurbhai Sahani	Dr. Yogeshkumar Mistry	The M.S. University of Baroda Kailash Cancer Hospital and Research Centre	Investigation of the role of FKBP1A in tumorigenesis through mTORC1
13	Dr. Tarun Kumar Upadhyay	Prof. V Poornima Dr. Ankit Rai Dr. Pranay Tanwar	Parul University GBU All India Institute of Medical Sciences, New Delhi	Integrative Multi-omics Analysis and Mechanistic Dissection of Dysregulated Microbial Metabolites Driving Cancer-Associated Cachexia in Oral Squamous Cell Carcinoma

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
14	Karla P. Mercado-Shekhhar	Sameer V. Dalvi Himanshu Shekhhar	IIT Gandhinagar	Ultrasound molecular imaging and targeted peptide and ashwagandha delivery for breast cancer theranostics using perfluorocarbon nanodroplets
15	Dr. Giftson J Senapathy	Dr. B Jebasingh Dr. Gaurav Jerath	Pandit Deendayal Energy University GBU	Development and Targeted Evaluation of Natural Photosensitisers for Photodynamic Therapy of Oral Squamous Cell Carcinoma Using 3D Tumor Spheroid Models
16	Dr. Nidarshana Chaturvedi Parashar	Dr. Gaurav Parashar	Parul University	Serum cytidine deaminase activity as a determinant of gemcitabine metabolizer phenotypes in Indian cancer patients
17	Dr. Darshee Baxi	Dr Swapnali Kulkarni	Navrachana University	Clinical Validation and performance evaluation of In-house HPV-HR High Risk Genotyping Assay for future Cervical Cancer Screening applications in India
18	Dr. Tintu Jose Manicketh		Ernakulum (Not Eligible)	A Cost-Effective Bioactive Plant Dye: Stabilization, Functionalization, and Evaluation of Antioxidant, Anti-Inflammatory, Antimicrobial, and Anticancer Activities
19	Dr. M.Monisha	Dr. C.Karthik	Indian Institute of Information Technology Design and Manufacturing Kancheepuram-Chennai (Not Eligible)	Design and Development of a Multiplexed Peptide-Based Portable Electrochemical Nanobiosensor for Detection of Potential Biomarkers in Oral Carcinoma
20	Dr. Neeraj Jain	Dr. Kinnari Parekh, Dr. Alkesh Patel	CHARUSAT	Evaluating the efficacy of magnetic fluid hyperthermia on mammary tumor regression in Rat models for cancer treatment

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
21	Dr. Amitsinh Vijaysinh Mangrola	—	Shri Alpesh N. Patel Post Graduate Institute of Science & Research	Development and Systems-Level Characterization of Panchagavya-Based Fermented Polyherbal Formulations for Enhanced Anticancer Activity Against Oral and Colorectal Cancers
22	Dr. Vaishali Thakkar	Dr. Saloni Dalwadi	Anand Pharmacy College	Development of a Novel Lymphatic Drug Delivery Approach Using a Synergistic Nanotherapeutic System to Target Mitosis and Chemoresistance in Lymphatic Cancer
23	Dr. Darshan Dhakan	Dr. Vijay Srivastava Dr. Noopur Thakur	Nirma University Ahmedabad University	Solving the complex host-microbiome puzzle in colorectal cancer using multiomic approaches
24	Dr. Snehal Patel	Dr. Tejas M Dhameliya	Nirma University	Discovering novel Phosphoglycerate Dehydrogenase inhibitor: A Novel Approach to Overcome Stemness, metastasis and Chemoresistance in Triple-Negative Breast Cancer.
25	Dr. Tejal Mehta	Dr. Heena Dave	Nirma University	Generative AI-Driven Design & Development of Tumor Microenvironment Responsive Nanoparticles for EGFR-Targeted Oral Cancer Therapy.
26	Dr. Shruti Patel	Dr. Asha Shankarbhai Patel Dr. Rajesh K.S	Parul University	HER2-Targeted Bio-inspired Exosome containing ELP Nanohybrids for Long-Acting Delivery of SN-38 for the treatment of Triple Negative Breast Cancer
27	Dr Amit Mandoli Prof. Sanjeev Galande	Dr. Siddharth A Shah	NIPER- Ahmedabad Shiv Nadar Institution of Eminence, UP	High-Resolution Spatial Transcriptomic Profiling of Oral Squamous Cell Carcinoma for mapping Tumor Heterogeneity and Discover Novel Therapeutic Targets for Precision Medicine
28	Dr. Tarang Patel Dr. Ishan Raval	Dr. Gyanendra Singh Dr. Krupal Joshi	AIIMS Rajkot GBRC	Integrated Transcriptomic and Immunohistochemical (β -Catenin and HIF-1 α) analysis of Oral Potentially Malignant Disorders (OPMD) and Oral Squamous Cell Carcinoma (OSCC) in an Indian Cohort from the Saurashtra Region

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
29	Dr. Hardik Bhatt	Dr. Bhumika Patel Dr. Vivek Vyas Dr. Richa Gupta	Nirma University	Preclinical Development of a Lead Acridine Derivatives Inhibiting Telomerase to Treat Lung Cancer
30	Dr. Prabal Sengupta	Dr. Akhilesh Prajapati Dr. Prashant Murumkar	GSFC University The Maharaja Sayajirao University of Baroda	Design, Synthesis and Evaluation of GCNT3 Inhibitors for Pancreatic Ductal Adenocarcinoma (PDAC)
31	Dr. Tejas M. Dhameliya	Dr. Bhagawati Saxena Prof. Dr. Gopal Natesan	Nirma University	Design and Development of Substituted Imidazoles as Topoisomerase I Inhibitor as Novel Anti-cancer Agents against Breast Cancer
32	Dr. Kaid Johar SR	Dr. Saumya Patel	Gujarat University	Identification and evaluation of anti-fibrotic molecules for the prevention of metastatic ovarian cancer
33	Dr. Reena Rajput	Dr. Aakanchha Jain	NIPER-A	Macrophage-targeted Non-viral Chimeric-antigen Receptor (CAR) Plasmid DNA Delivery for in situ Cellular Reprogramming: Generating and Expanding in vivo CAR-Macrophages (CAR-M) for Enhanced Efficacy Against Triple-negative Breast Cancer (TNBC).
34	Dr. Sanjay Saxena	Dr. Rishabh Gupta, Dr. Nagendra Kumar, Prof. Jitendra Saini, Dr. Shilpa Rao, Prof. Shashwat Mishra, Dr. Satyajeet Rath	IIIT Vadodara, NIMHANS Bangalore	NeuroCausalScope: An Open-Source Explainable AI Platform for Decoding Hidden Brain Cancer Signals Outside the Tumor

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
35	Dr. Manish Vyas	—	Parul University, Vadodara	Novel Ayurvedic Bioactive Compound Based Self Nano Emulsifying Drug Delivery System: A Natural Preclinical Therapeutic Solution for the Treatment and Management of Breast Cancer
36	Prof. Sudipta Basu	Prof. Saumyakanti Khatua	Indian Institute of Technology (IIT) Gandhinagar	Gold Nanorod-Mediated Impairment of Endoplasmic Reticulum (ER) in Cancer for Chemo-Photothermal Therapy
37	Dr. Amit Kumar Pandey	—	National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad	Mechanistic Elucidation of Exosomal Long Non-Coding RNA in Pathogenesis of Pancreatic Cancer
38	Dr. Naga Chaitanya Kavuri	Dr. Subhamoy Mandal, Dr. Shirin Dasgupta	Anant School for Climate Action, Anant National University, School of Medical Science and Technology, IIT Kharagpur, Dr. B. C. Roy Multi Specialty Medical Research Centre (BCRMRC), IIT Kharagpur	Development and Validation of an Indian Histopathology Image Database for AI-Assisted Early Detection of Oral Cancer

Sr. No	Name of PI	Name of Co-PI	Institute/ University	Project Title
39	Dr. Dinesh Kumar	—	National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad	Discovery and Development of Bipyridine-Based Chemotypes for Oral Cancer Therapeutics
40	Dr. Rajesh K. Patel	Dr. Vishal Mevada	Veer Narmad South Gujarat University, Surat	Laboratory-Scale Development and Validation of Tobacco Farm–Derived Microbial Biotransformation of Cereal Germs for Anti-Cancer Nutraceuticals
41	Dr. Swayamprakash K. Patel	Dr. Amit R. Thakkar	CHARUSAT	Integrating ESM-2 Protein Representations with FiLM-CVAE for AI-Driven Precision Drug Discovery for Breast Cancer
42	Dr. Moutusi Manna	Dr. Avinash Mishra	CSMCRI	Exploring the anticancer potential of phytosterols from marine algae and their mechanisms at molecular level
43	Dr Prabhat Upadhyay	NA	NIPER- Ahmedabad	Photobiomodulation Promotes a Virtuous Cycle in Tobacco-Induced Oral Dysbiosis to Attenuate Leukoplakia Progression
44	Prof. Venkata Sriram Kanvah Gundimeda	—	Indian Institute of Technology Gandhinagar (IITGN), Gandhinagar	Targeted Detection of Estrogen Receptor–Positive Breast Cancer Using Fluorescent Probes
45	Prof (Dr) Sanjay P. Chauhan	Dr. Dignesh Khunt Dr. Udaykumar Vegad	Gujarat Technological University	Translational Evaluation of a Betalain-Rich Solid Oral Dosage for Cancer-Associated Anemia: A Phytopharmaceutical Approach Targeting Hepcidin and EPO Pathways