

## EXTRA MURAL PROJECT

Title and scope of project	Sponsoring Agency	Principal Investigator	Year of Commencement	Total (Estimated in lakhs)
Teleferti: A Solution to infertility	Amrit grand challenge Jancare 2022 by BIRAC, DBT, India	Dr.Vruti Patel	2023-2024	6.00/-
Mobile Application for training and Evaluation of Misarticulation in Children	Biotechnology Industry Research Assistance Council (BIRAC)	Mr. Vikash Kumar	2023-2024	4.00/-
Comparative evaluation of efficacy of 2% lignocaine versus 4% articaine for bilateral extraction of teeth - a crossover study	ICMR-STC	Ms. Shagoon Vashi	2023-2024	0.50/-
Comparative evaluation of healing of extraction socket using type 1 collagen and plasma rich protein post mandibular molar extraction an observational study	ICMR-STC	Mr. Bhavya Sharma	2023-2024	0.50/-
Comparative evaluation of postoperative healing and scar formation in maxillofacial laceration and incision using steristrips and cyanoacrylate dermal glue	ICMR-STC	Ms Kamna Singh	2023-2024	0.50/-
Evaluation of efficacy of chlorhexidine impregnated dressing for maxillofacial abrasions - an observational study	ICMR-STC	Mr. Sourabh Gupta	2023-2024	0.50/-
Effect of Probiotics on the Quantity of Saliva in Adults	ICMR-STC	Ms.Shraddha Ravalji	2023-2024	0.50/-

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with Type II Diabetes Mellitus				
Comparative Evaluation of Salivary IgA in Individuals with Covaxin, Covishield or Mixed Vaccination Status Against Covid-19	ICMR-STC	Ms.Tanisha Chandiramani	2023-2024	0.50/-
Life-style habits and its association with HbA1c , BMI, skeletal mass, body fat and oral health in young dental students	ICMR-STC	Ms. Neha Gadiya	2023-2024	0.50/-
Comparison of Antimicrobial Efficacy of Kangen Water, Oxum and 2.5% NaOCL as Intracanal Irrigants in Primary Teeth - A Randomized Clinical Study	ISPPD	Dr. Aishwarya Antala	2023-2024	0.10/-
To assess the perception of Indian coaches regarding awareness and knowledge of using mouth guards to prevent dental injuries	ICMR-STC	Ms. Nidhi Jain	2023-2024	0.50/-
Comparative Evaluation Of Topical Anaesthesia Infused Via Iontophoresis And Local Anaesthesia Using Infiltration Technique On Dental Pain And Anxiety Among 6-12 Year Old Children: A Randomised Clinical Study.	ICMR-STC	Dr. Arpita Shah	2023-2024	0.50/-
Clinical Evaluation of Remineralisation and Caries Reducing Effect of Fluoride Varnish Containing Xanthorrhizol in Reduction of Incipient Lesion: An In-Vivo Study	ICMR-STC	Ms. Neya Panchal	2023-2024	0.50/-

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A prospective observational study to determine the role of vitamin D3 in patients of enthesopathy and to study outcome benefits after supplements in geriatric population	ICMR	Dr. Archana Gadhia	2023-2024	14.08/-
Evaluation of Therapeutic Potential of Pirfenidone by Protein and Gene Expression Profiling in Oral Submucous Fibrosis induced by Tobacco and Arecanut Formulations: A Randomized Controlled Trial	ICMR (Indian Council of Medical Research)	Dr. Chandramani More	2022-2023	28.15/-
Factors Associated with sudden deaths among adults aged 18-45 Years, India : Multicentric matched case-control study	Indian Council of Medical Research (ICMR)	Dr. Arti Shah	2022-2023	1.50/-
Effect of COVID-19 vaccine on thrombotic events among 18-45-year-old population in India, 2022: Multicentric	Indian Council of Medical Research (ICMR)	Dr. Arti Shah	2022-2023	1.68/-
Bacterial Contamination of Stethoscope used by health care professionals at a rural based tertiary care hospital and effective methods for its disinfection	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Sara Arora	2022-2023	0.20/-
Microbial Quality of Water Used as Drinking Sources in Urban and Rural Households of Gujarat, India – A Cross Sectional Study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Mr. Neil Shah	2022-2023	0.20/-

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Epidemiological distribution and demographic characteristics of Acute Kidney Injury in patients admitted at tertiary health care centre in West India, Gujarat : A Prospective Cross Sectional Study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Chhavi Garg	2022-2023	0.20/-
Need Assessment for Establishment of Human Breast Milk Bank at a Tertiary Care Teaching Hospital in Western India – An Interventional Study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Pakhi Jain	2022-2023	0.20/-
Comparision of flouride varnish and SDF on enamel remineralization around orthodontic brackets bonded with resin modified GIC :An in vitro study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Manovishwa Patel	2022-2023	0.50/-
A study to assess the impact of COVID-19on the oral health among school going children aged 6-15 years of Waghodia, Vadodara, Gujarat	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Goldi Pradeep Shahji	2022-2023	0.50/-
Comparative evaluation of topical anesthrsia infused via iontophoresis and local anesthesia using infiltration technique on dental pain and anxiety amongs 6-12 year old children: A randomized clinical study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Dr.Arпита Shah	2022-2023	0.50/-
Comparative evaluation of nutritional status in Oral submucous fibrosis and Oral Squamous cell Carcinoma-A cross sectional study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Chelsea Paul	2022-2023	0.50/-

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Comparison of serum and salivary Vitamin D levels as prognostic biomarker in patients with Oral potentially malignant disorders and Oral Squamous cell carcinoma-A case-control study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Ishita Samanta	2022-2023	0.50/-
Determination of the role of C reactive protein in Oral Potentially malignant disorders Oral Squamous cell Carcinoma-A cross sectional study	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Ayushi Shah	2022-2023	0.50/-
Assessment of salivary continine Oral, microbial, cytologicals health profile of Tobacco users before & after intake of turmeric & probiotics	Indian Council of Medical Research (ICMR)- Short Term Studentship (STS)	Ms. Neha Gadiya	2022-2023	0.50/-
Overion Cap	Student Startup and Innovation Policy, Gov. of Gujarat	Ms. Foram Bhatt	2022-2023	1.04/-
Teranoid Gel	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Gaurav Karwa	2022-2023	2.03/-
Femova	Student Startup and Innovation Policy, Gov. of Gujarat	Ms. Hiral Prajapati	2022-2023	1.59/-
First-aid Bum Care	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Jeel Kumar Galani	2022-2023	1.46
NanoVita-D	Student Startup and Innovation Policy, Gov. of Gujarat	Ms. Priya Koyani	2022-2023	1.50/-
Capsil	Student Startup and Innovation Policy, Gov. of Gujarat	Mrs. Niyati Shah	2022-2023	2.29/-

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Arasth	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Piyush Sadhu	2022-2023	2.47/-
SPRAYCOG	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Panth Shah	2022-2023	2.23/-
Posagel	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Subham Sujitbhai jayswal	2022-2023	1.15/-
Vorrier Gel	Student Startup and Innovation Policy, Gov. of Gujarat	Ms. Tammana Bhenderi	2022-2023	1.80/-
Preterm Positioning Device	Student Startup and Innovation Policy, Gov. of Gujarat	Dr. Dhwani Chhanpura	2022-2023	1.80/-
Stroke Heal	Student Startup and Innovation Policy, Gov. of Gujarat	Mr. Prashant V Patel	2022-2023	1.50/-
proMaaPaa	Student Startup and Innovation Policy, Gov. of Gujarat	Mrs.Pinal Darji	2022-2023	2.47/-
Development process of a COVID-19 specific health-related quality of life instrument in an international setting	Oslo University Hospital, Norway, USA	Dr. Ghanshyam Parmar, Dr. Arti Shah	2021-2022	1.68/-
Clinical effectiveness of three different solvents for surface wettability in 'Etch-treatseal' VS 'Etch-seal' method for pit and fissure sealants in permanent molars: A randomized clinical trial	Indian Society of Pedodontics and Preventive Dentistry (ISPPD)	Dr.Pooja Bane	2021-2022	0.10/-

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Effect of physical activity, yoga and meditation in improving immunity and fighting against viral infections- A Systematic Review	DST-SATYAM	Dr. Nalina Gupta	2021-2022	7.49/-
Use of Simple Clinical Tools to assess Sacropenia and Frality among elderly population in the community - An Observational study	ICMR (Indian Council of Medical Research)	Dr. Nalina Gupta	2021-2022	14.18/-
Alcohol free non toxic hand sanitizer gel for children	Gujarat Council on Science and Technology (GUJCOST)	Dr. Nirmal Shah	2021-2022	1.65/-
Caryota Flavo	SSIP grant, GTU Innovation & startup Center (GISC)	Mr. Aashish Jha, Mr. Pragati Raj	2021-2022	1.72/-
Evaluation of Postnatal care of mother including newborn in rural area of Chhotaudepur District, Gujarat: A Community-based mixed method study	ICMR (Indian Council of Medical Research)	Dr. Kinjal Gadhvi Dr. Arvind Chaudhury	2021-2022	0.50
Geo mapping of drug resistant TB cases in tribal district and impact of social determinants and epidemiological factors among clusters towards elimination	NTEP, Commissionerate of Health, Medical services and medical education, Gandhinagar, Gujarat	Dr. Nirav Nimavat	2020-2021	0.85/-
Reproductive and Child health issues among tribal women who are living in urban area of Gujarat. Observational Mixed Method Communiy Based Study	ICMR (Indian Council of Medical Research)	Dr Niraj Pandit	2020-2021	15.90/-
Community behavior and its determinants in relation to Malaria prevention and control in Gujarat	ICMR (Indian Council of Medical Research)	Dr Niraj Pandit	2020-2021	31.74/-

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Epidemiological Study Of Gestational Diabetes Mellitus (Gdm) And Associated Risk Factors In Tribal Population Of Chhota Udepur District, Gujarat	ICMR (Indian Council of Medical Research)	Old PI : Dr. Nirav Nimavat New PI : Dr. Niraj Pandit	2020-2021	23.00/-
Effectiveness of electronic information technology (mobile application) to improve the treatment adherence in patients of bronchial asthma - A Randomised controlled Trial	Tuberculosis association of India	Dr. Arti Shah	2019-2020	0.35/-
Yield from Active screening for tuberculosis among the proposed TB free talukas of Chhota udepur District.	Commissionerate of Health, Medical services and medical education, Gandhinagar, Gujarat [Revised National Tuberculosis Control Program (RNTCP)]	Dr. Nirav Nimavat	2019-2020	0.41/-
Effect of Vitamin D on chronic tension type headache : A randomized ,double blind placebo controlled multi centric trial	Department of Biotechnology, Governemnt of India	Dr. Sanjay Prakash	2019-2020	9.79/-
Evaluation of PVA and USG Gels used as mounting media compared to traditional modified Kaiserling-III solution in Pathology Museum, A Mixed Method Study	ICMR (Indian Council of Medical Research)	Dr. Swapan Goswami	2019-2020	0.37/-
A Phase II, Open-Label, Randomized Controlled Trial to Assess the Safety and Efficacy of Convalescent Plasma to Limit COVID-19 Associated Complications	ICMR (Indian Council of Medical Research)	Dr. P.R. Jha	2019-2020	00/-



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in Moderate Disease				
Research Colloboration Agreement with ICMR regarding National Clinical Registry for COVID-19 (NCRC)	ICMR (Indian Council of Medical Research)	Dr. Arti Shah	2019-2020	3.03/-
Development of early diagnostic marker for oral cancer management via high throughput genomics	Gujarat Biotechnology Research Center, Gandhinagar (GBRC)	1.) Dr. Jayshankar Das 2.) Dr. Chandramani More	2018-2019	60.00/-
Quality of neonatal Transport in relation with morbidities and immediate outcome	SHSRC Gandhinagar	Dr. Manish Rasanias	2018-2019	0.10/-
Empowering the Diabetic patients with Counseling intervention: A Non-randomized control trial	ICMR (Indian Council of Medical Research)	Dr. Manoj Kumar	2018-2019	0.50/-
Evaluation and Comparison of Nicotine Quantity and Packaging Disclosure in Smokeless Tobacco Products in Vadodara, Gujarat	IAPHD Indian Association Of. Public Health Dentistry	Dr. Meehika Gaikwad	2018-2019	0.15/-
The Role of CBNAAT (Cartridge Based Nucleic Acid Amplification Test) in Pleural Effusion	Commissionerate of Health, Medical services and medical education, Gandhinagar, Gujarat[Revised National Tuberculosis Control Program (RNTCP)	Dr. Hemali Passwala	2017-2018	0.30/-
Careya arborea against different fungal pathogens including Pyricularia oryzae	SRISTI BIRAC	1.) Mr.Brij Gajera 2.) Ms.Falakaara Saiyed	2016-2017	0.66/-

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To evaluate the efficacy of pain relief a product developed at SRISTI for muscular pain	SRISTI BIRAC	1.) Aditya Mundra 2.) Saurabh Mamtani 3.) Dimple Jain	2016-2017	1.00/-
To evaluate the efficacy of Mosqhit, a product developed at SRISTI for repelling Mosquito	SRISTI BIRAC	1.) Alok Rai 2.) Mahek Mistry 3.) Kunal Singh	2016-2017	1.00/-
To evaluate the efficacy of Care & Care (a product developed at SRISTI) for cracks in heels	SRISTI BIRAC	Ms. Ria Anjaria and Ms. Megha Patel	2016-2017	0.95
Phytopharmacological screening and formulation development of some medicinal mushroom	Gujarat Council on Science and Technology (GUJCOST)	Old PI :-Ujjwal Sahoo New PI :- Dr. Girish Sailor	2015-2016	1.65/-