

University Grants Commission

Appendix- XXXIII (H)
Details of Externally funded Research Projects

Institute	Academic Year	Name of other persons associated with Project	Title of Project	Name of the funding Agency	Status	Total Research Grant (Received in Rs.)
BRCM	2020-21	Dr. Jayesh Desai Dr. Ushma Desai	Social Impact Evaluation (SIE) Survey of CSR Activities by NTPC Kawas	NTPC, Kawas	Completed	2.50 lakh
IDPT, SCET	2019-2021	Prof. Persi Engineer , Prof. Hiren Patel, Mr. C. S. Jariwala, Prof. Vahhbiz Engineer, Prof. Niraj Naik, Prof. Hardik Gandhi, Ms. Hetal Shah, Prof. Mahesh Trivedi, Prof. Pratiksinh Vaghela	“A step forward in the Internationalization of Higher Education Institutions in Nepal and India” (InterNepInd)	Erasmus+	On going	20 lakhs
SCET	2014-15	Prof. Chirag N. Paunwala, Professor, EC department, SCET	New era of securing manifold biometrics research on forensic and cyber security augmentation	GUJCOST	Completed	2.05 lakh
	2020-21	Dr. Pankaj Gohil	Development and nvestigation of Zero Head Sustainable System for Power Generation from Flowing Canal Water	GUJCOST , DST- Govt. of Gujarat	On going	15,08,330



2020-21	Mr. Dhruvin Shukla	Solar still as regenerator and Internally cooled Dehumidifier	Design Innovation Centre, GTU	On going	--
2020-21	Prof. Amit Mehta and Mr. Dhruvin Shukla	Development and Experiment of the Nitinol Engine with Solar Water Heater	Design Innovation Centre, GTU	On going	--
2020-21	Prof. Aniket K. Tandel	The Food Pin App	Gujarat Innovation Council	On going	25,000
2020-21	Prof. Aniket K. Tandel	Developing a Automated Motorized Scanner to assist in performing NDT(Non Destructive Testing)	Student Start-up & Innovation Policy	On going	-
2020-21	Prof. Aniket K. Tandel	Star Gang Cutting Machine	Student Start-up & Innovation Policy	On going	15,000
2020-21	Prof. Nilesh Patel	Folding mechanism for solar panel	Design Innovation Centre, GTU	On going	12,415
2008	Utpal Pandya	Wireless Sensor Network for Vital Sign Monitoring	GUJCOST (Gujarat Council on Science and Technology)	completed	1,33,000
2021	Dr. Hiren H Patel, Dr. Hardik P. Desai	Development of an efficient power electronic converter to act as fuel cell emulator		Completed	153000
2019-2021	Dr. Jitendra R. Ajmeri	Advances in Circular Knitting	AICTE	Completed	1348800.00
2010-2011	Prof.(Dr.)P.A.Khatwani & Prof.(Dr.)Krishma S. Desai	E-pick counter for power looms	Department of Science & Technology, Government of India, New Delhi	Completed	1143000.00



	2002-2003	Prof.(Dr.)P.A.Khatwani	CAD Lab	NCUTE, Ministry of Textiles, Government of India, New Delhi	Completed	1000000.00
SCOPA	2019-21	Dr. Shikha Samaiya	Bhartiya sangeet paramparame aate parivartano ka sarvangi adhyayan	ICCR	Completed	1.5 LAKHS
SRKI	2015	Dr.Ratna Trivedi	Bioremediation of Coastal and Inland Salt affected soils using halophyte plants and halophilic soil microbes	ICAR- CSSIR	Completed	1900000
	2017	Dr.Ratna Trivedi	Developmental of new algal fertilizer for all season crops	KRIBHCO (Krishak Bharti Cooperative Ltd.), Surat	Completed	500000
	2019	Dr.Ratna Trivedi	To develop bioremediation for coagulation in cooling towers	GCPC	Completed	10000
	2017	Dr. Sanjay N. Parekh	Development of liquid biofertilizer	KRIBHCO (Krishak Bharti Cooperative Ltd.), Surat	Completed	2,27,463
	2010	Dr. Anjana Ghelani	Microbial Biodiversity Exploration for Liquid Biofertilizer Application from cultivated area.	Gujarat Council of Science & Technology (GUJCOST)	Completed	19,000
	2011	Dr. Anjana Ghelani	Occurrence and Detection of Residues of Organochlorine Pesticides in Gujarat agro-ecosystem		Completed	15,000
	2011	Dr.Jigna Desai	To Study the toxic effect of treated and untreated effluent on Guppy (Poecilia reticulates)		Completed	18000
	2015	Dr. Shiva Chettiar	Study on floral diversity of Jambughod a wildlife sanctuary	Gujarat Forest Department	Completed	6,60,000



2015	Dr. Shiva Chettiar	Preparation of BMC & PBR of selected villages of Mandavi Taluka & Surat District	Gujarat Biodiversity Board	Completed	4,37,000
2015	Ms. Rupal Snehkunj	Exploring the Potential of Visualization and Analysis using Free and Open Source (FOSS)	Kadi Sarvavishwavidyalaya university	Completed	53000

