

**SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
**Affiliated to Visvesvaraya Technological University, Belagavi,**  
**Approved by AICTE, New Delhi, Accredited by NAAC and NBA, Bantakal Udipi-574115**  
**NAAC-CRITERIA 3**

**3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the Academic year 2021-22 (INR in Lakhs)**

Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)	Document link
<b>YEAR 2021-22</b>								
Surgical Sponge Detection	Dr. Sachin S Bhat	Electronics Communication & Engineering	2021-22	11.5	1 year	MSME	Government	<a href="#">View Document</a>
Development of Biodegradable Implant Materials	Dr. Gajanan Anne (PI) & Dr. Reena Kumari D(COI)	Mechanical Engineering	2021-22	12	2 Years	VTU, Belagavi	Government	<a href="#">View Document</a>
Digital documentation of halegannada inscriptions and design of deep learning algorithm for the character recognition of kannada epigraphs and inscriptions	Dr. Nagaraj Bhat	Computer Science Engineering	2021-22	10	2 year	VTU	Government	<a href="#">View Document</a>
Sensor Based Device For Predicting Moisture Content Of Agricultural Field And Safe Bearing Capacity Of Soil	Mr. Sunil haldankar & Dr. Sachin S Bhat	Civil Engineering	2021-22	1.25	1 year	KSCST	Government	<a href="#">View Document</a>
Fabrication and Study of Biodegradable Leaf Plates	Dr. Sudharshan Rao K	Mechanical Engineering	2021-22	0.3	6 Months-8 Months	KSTA	Government	<a href="#">View Document</a>
Optimum Yield For Jasmine Crop In Shankarpura, Udipi Through Farmer's Interaction, Soil Studies And Analysis	Dr. Sandeep J Nayak	Civil Engineering	2021-22	0.3	1 Year	KSTA	Government	<a href="#">View Document</a>
Creating Awareness About Women Empowerment, Health Fitness Of Individual; Including Environment Protection And Sustainability, In Shirva, Innaje And Shankarpura Village	Dr. Deepika B V	Civil Engineering	2021-22	0.25	1 Year	KSTA	Government	<a href="#">View Document</a>
Development of Biodegradable Sapling Pots from Agro-Cattle Wastes (45S_BE_3313)	Dr. Sudharshan Rao K	Mechanical Engineering	2021-22	0.06	1 year	KSCST, Bengaluru	Government	<a href="#">View Document</a>
Karmik- A Tool To Bridge Client And Migrant Construction Labour Amid Pandemic	Mr. Roshan S Kotian	Civil Engineering	2021-22	0.07	1 year	KSCST	Government	<a href="#">View Document</a>
Novel Agriculture Methods Based On The Prediction Of Climatic And Soil Condition Of The Udipi Region.	Dr. Sandeep J Nayak	Civil Engineering	2021-22	0.07	1 year	KSCST	Government	<a href="#">View Document</a>
A New Approach To Enhance The Yield Of Jasmine Crop - A Case Study In Shankarpura,Udipi District	Dr. Sandeep J Nayak & Dr. Deepika B V	Civil Engineering	2021-22	0.07	1 year	KSCST	Government	<a href="#">View Document</a>
Treatment Of Sullage Water Using Tamarind Seed Powder As Coagulant Using Coagulant Process	Dr. Deepika B V	Civil Engineering	2021-22	0.03	1 year	KSCST	Government	<a href="#">View Document</a>
Supplemental system for assisting the Knee joint using Pascal's Law	Ms. Sowmya Bhat Mr. Sudhir	Electronics Communication & Engineering	2021-22	0.08	1 year	KSCST	Government	<a href="#">View Document</a>
Embeded based automatic Lawn Mower	Mr. Chetan R	Electronics Communication & Engineering	2021-22	0.07	1 year	KSCST	Government	<a href="#">View Document</a>
Agricultural Drone	Dr.H VBalachandra Achar	Electronics Communication & Engineering	2021-22	0.07	1 year	KSCST	Government	<a href="#">View Document</a>
Hear Attack Prediction System using Machine Learning Technique	Ms. Savitha Shenoy	Computer Science Engineering	2021-22	0.03	1 year	KSCST	Government	<a href="#">View Document</a>
Application for better understanding of flow of code	Dr. Nagaraj Bhat	Computer Science Engineering	2021-22	0.03	1 year	KSCST	Government	<a href="#">View Document</a>
Voice based email for Blind using Android App	Mr. Venugopal Rao AS	Computer Science Engineering	2021-22	0.03	1 year	KSCST	Government	<a href="#">View Document</a>
Design and Fabrication of Multi-Functional Agricultural Vehicle (Design and Fabrication of Groundnut Seed Sowing Machine)	Mr. Lingaraj K Ritti	Mechanical Engineering	2021-22	0.05	1 year	VTU, Belagavi	Government	
Development of Tree Delimber for Shade Trees in Coffee Plantation	Mr. Karthik V	Mechanical Engineering	2021-22	0.05	1 year	VTU, Belagavi	Government	
Mobile application based horne services to enhance job opportunities and quality of life in rural areas	Mr. Madhusoodhan Rao N	Civil Engineering	2021-22	0.05	1 year	VTU, Belagavi	Government	
Novel Approach to assets feasibility of pervious asphalt pavements for rural roads futuristic sustainable construction practices	Mr. Sunil haldankar	Civil Engineering	2021-22	0.05	1 year	VTU, Belagavi	Government	

Crop recommendation system using Machine learning	Mr. Deepak Rao	Computer Science Engineering	2021-22	0.05	1 year	VTU	Government	
Counterfiet Drug detection using Block chain	Ms. Rukmini Bhat	Computer Science Engineering	2021-22	0.05	1 year	VTU	Government	
Supplemental System for Assisting the Knee Joint	Dr. Sachin S Bhat	Electronics Communication & Engineering	2021-22	0.05	1 year	VTU	Government	
Agricultural Drone	Dr.H VBalachandra Achar	Electronics Communication & Engineering	2021-22	0.05	1 year	VTU	Government	
<b>Total amount in Lakh</b>				<b>36.610</b>				