



KLS Vishwanathrao Deshpande Institute of Technology

(Accredited by NAAC with "A" Grade)

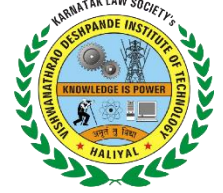
(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognized Under Section 2(f) by UGC, New Delhi)

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Mechanical Engineering Department

Grants received from government and non-governmental agencies for research projects

Sl.No.	Name of the Project	Name of the Principal Investigator/Co-Investigator	Name of the student	Year of Award	Amount Sanctioned In Rs.	Name of the Funding Agency
1.	3D printed myoelectric prosthetic hand	Dr. Shylesh Channapattana	Mr. Ritish R Naik Mr. Abhishek P M Mr. Ganesh R Prabhu Mr. Mohammad A Badekhanavar	2022-23	7000/-	KSCST, Bengaluru
2.	Sugarcane bud detection and cutting machine using image processing	Prof. Santosh Savanur	Mr. Ananda R Hosahalli Mr. Akshay R Patilkulkarni Mr. Atreya Deshpande Mr. Shrujan S Chiniwal	2022-23	5000/-	KSCST, Bengaluru
3.	Development of dynamic and static wireless charging unit for electrical vehicle	Prof. Rajat Acharya	Mr. Praveenkumar Arkasali Mr. Basavaraj Malleshi Mr. Raghunath Donakari Mr. Prasad Rasale	2022-23	6000/-	KSCST, Bengaluru
4.	Vibration Signature analysis of Rotating Equipments	Dr. Murgayya S.B. Prof. R.J.Talapati	-	2022-23	20,00,000/-	VGST Bengaluru

5.	Design and fabrication of unpowered lower limb	Dr. Shylesha Channapattana	Mr. Aditya Mujumdar Mr. Harish Motekar Mr. Guruprasad Sadekar Mr. Pradeep Patil	2021-22	6000/-	KSCST, Bengaluru
6.	Design and fabrication of cooling system for overhead tank in North Karnataka using traditional technique	Dr. K.S. Pujar	Mr. Sammed B.D Mr. Chandrashekar Patil Mr. Ganesh Mirashi Mr. Hemanth Junjwadkar	2021-22	107500/-	Global center of excellence in affordable and green energy, IIT Dharwad and SELCO foundation
7.	Friction stir welding of non-ferrous alloys on conventional milling machine	Dr. K.S. Pujar	Mr. Sammed B.D Mr. Chandrashekar Patil Mr. Ganesh Mirashi Mr. Hemanth Junjwadkar Mr. Vikram Hondadakatti	2021-22	50000/-	Tata Technologies, Pune
8.	Design and fabrication of wheel chair cum structure	Dr. KS Pujar/Prof.Santosh Savanur	Mr. Sarthak K. Mr. Salman Mr. Aditya MH Mr. Rahul H.	2020-21	5000/-	VTU Belagavi
9.	Coconut skin peeling machine	Prof. DV Lokare	Mr. Chetan Malaghan Mr. Amul Shiragar Mr. Anil Devaji Mr. Basavaraj Channal	2020-21	6000/-	KSCST, Bengaluru
10.	Design of solar still using phase changing materials and sensible heat elements	Prof. Bharat Patil	Mr. Purnanand Mule Ms. Sahana Bhastwadkar Mr. Chirag Naik Mr. Sameer Kadkol	2020-21	90000/-	K-Tech. NAIN
11.	Solar powered rotating wick type desalination system	Dr. Shankar Badiger	Mr. Mallikarjun Barigidad Mr. Bhushan Kulkarni Mr. Karthik Matade Mr. Sunil Dharwad	2019-20	4500/-	KSCST, Bengaluru

12.	Naturally aspirated domestic radiant burner	Dr. Shankar Badiger	Mr. Puneet V Shirahatti Mr. Akshaykumar Burse Mr. Sanjeev S Sattigeri Mr. Siddarth Badiger	2018-19	6000/-	KSCST, Bengaluru
13.	Experimental investigation of heat transfer characteristics on convex surface by slot jet impingement	Prof. Naveen Hiremath	Mr. Sagar Basarkod Mr. Pravinkumar Jadhav Mr. Arun Kammar Mr. Dundayya Hiremath	2017-18	4000/-	KSCST, Bengaluru
14.	Under Financial Assistance to R&D Center for setting up of "Welding Research Center"	Dr. K.S. Pujar	-	2017-18	22,78,000/-	Karnataka Council for Technological Upgradation, Govt. of India and Govt. of Karnataka
15.	Mechanical Behavior of glass-cotton hybrid composites subjected to different environmental conditions	Prof. Santosh Savanur	Mr. Kapildev Rathod Mr. Akshata Astekar Mr. Jagadeesh Kalyani Mr. M U Sandeep	2016-17	5000/-	KSCST, Bengaluru
16.	Design and experimental performance analysis of solar still using phase changing materials (Sodium Sulphate) and sensible heat elements (bricks Magnesia)	Prof. Bharat Patil	Mr. Harshad Patil Mr. Gurushantayya Pujeri Mr. Maruthi Bhovi Mr. Arun Jainapur	2016-17	5500/-	KSCST, Bengaluru
17.	Heat transfer study of synthetic air jet for effective cooling	Prof. Naveen CS	Mr. Santosh Jadhav Mr. Prajwal P Doddamani Mr. Vinayak S Balaganurmath	2015-16	5000/-	KSCST, Bengaluru
18.	Solar powered evaporative air conditioning system	Prof. Chandrakanth M T	Mr. Sudarshan G Mr. Suraj P. Shanbhagph Mr. Rahul G Savant Mr. Santoshkumarsamaniph	2014-15	5000/-	KSCST, Bengaluru