

### **Research Projects grant sanctioned**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>Title of the Funded Project</b>	<b>Name of the Faculty / Principal Investigator</b>	<b>Name of the Funding Agency</b>	<b>Sanctioned Amount</b>
01.	2018-19	“ Establishment of advanced communication laboratory to create teaching and research facility for software Defined Radio(SDR)”	Dr. Vijaya C, Professor & Head	VGST K-FIST- L1	Rs.20,00,000/-
02.	2017-18	“ Design and Development of optimized spectral techniques in Hyper spectral Mapping of crop & Soil for Precision Agriculture”	Dr. Hemalata Bhujle, Associate Professor	VGST K-FIST- L1	Rs.20,00,000/-
03.	2015-16	Design, Synthesis and Implementation of De-noising Technique for Effective De-noiser of Medical Images	Dr. Hemalata V. Bhujile	Vision Group on Science and Technology, Seed Money for Young Researcher	Rs. 4,00,000/-

**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD – 580  
002 DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**List of Students KSCST Sponsored Projects – Summary**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>Title of the Project</b>	<b>Name of the Students</b>	<b>USNs</b>	<b>Name of the Guide</b>	<b>Sanctioned Amount</b>
1.	2015-16	Computerized Deaf Dumb and Blind Communicator	Ms. Rashmi R. Gunda Ms. Sonali S. Handigund Ms. Sudharani Biradar	2SD12EC077 2SD12EC107 2SD12EC108	Prof. Raghuram K. M.	Rs. 6,000/-
2.	2016-17	Raspberry-Pi Based Real-Time Citrus Quality Detection for Efficient Agricultural Trade	Mr. Akshay S. Janmane Ms. Apeksha S. Patil Ms. Madhuri V. Huilgol	2SD13EC005 2SD13EC010 2SD13EC044	Dr. Satish S. Bhairannawar	Rs. 7,000/-
3.	2017-18	Biometric Authentication for Accurate Patient Identification using Raspberry-Pi	Ms. Shruti Balaji Ms. Aatmeeya Vanakudre Ms. Radhika G.	2SD14EC097 2SD14EC018 2SD14EC078	Dr. Satish S.Bhairannawar	Rs. 5,000/-
4.		Eye Monitored Wheel Chair	Ms. Raksha S. Hukkeri Ms. Shreelekha C. Navale Ms. Shreya S. M. Ms. Yeshaswini Shet	2SD14EC084 2SD14EC094 2SD14EC095 2SD14EC122	Dr. K. N. Hosur	Rs. 6,500/-

**SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD – 580 002**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**List of Students Funded Projects – Summary**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>Title of the Project</b>	<b>Name of the Students</b>	<b>Name of the Guide</b>	<b>Name of the Funding Agency</b>	<b>Sanctioned Amount</b>
1.	2016-17	Density Based Traffic Control System	Mr. Praveen Kori and Team	Dr. Shreedhar A. Joshi	IT-BT-Govt. of Karnataka	Rs. 2,00,000/-
2.	2017-18	Automated EEG and ECG Classification	Ms. Aatmeeya Vanakudre and Team	Dr. Satish S.Bhairannawar		Rs. 2,50,000/-
3.		Advanced Biometric Voting System	Ms. Shruti Baloji and Team	Dr. Satish S.Bhairannawar		Rs. 1,75,000/-
4.		Detection of Major Fungal Diseases using Image Processing	Ms. Madhushree Ashtaputre and Team	Prof. Mahendra M. Dixit		Rs. 2,50,000/-
5.		Performance Analysis of DSP Computational Algorithms using Parallel Programming Techniques	Mr. Shrikrishna K. and Team	Prof. Kotresh E. Marali		Free and Open Source Software (FOSS), VTU, Belagavi

**HOD ECE**