

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

List of Students KSCST Sponsored Projects – Summary

Sl. No.	Academic Year	Title of the Project	Name of the Students	USNs	Name of the Guide	Sanctioned Amount
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/-

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List of Students Funded Projects – Summary

Sl. No.	Academic Year	Title of the Project	Name of the Students	Name of the Guide	Name of the Funding Agency	Sanctioned Amount
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

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List of Faculty Funded Projects – Summary

Sl. No.	Academic Year	Title of the Funded Project	Name of the Faculty / Principal Investigator	Name of the Funding Agency	Sanctioned Amount
1.	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/-
2.	2017-18	Design and Development of Optimized Spectral Techniques in Hyper-spectral Mapping of Crop and Soil for Precision Agriculture	Dr. Hemalata V. Bhujile	Vision Group on Science and Technology, Karnataka Fund for Infrastructure Strengthening in Science and Technology in Higher Educational Institutions	Rs. 20,00,000/-

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