

Basaveshwar Engineering College, Bagalkote
Department of Electrical and Electronics Engineering

Research Grants Received

Sl.	Name of the PI	Name of the Co-PI	Title of the Project	Sanctioning Authority	Sanction Letter Number and date	Amount (INR)	Present Status
1.	Dr. S Y Goudappanavar	Apoorva V Kulkarni	Development & Assessment of Arecanut-Fiber Reinforced Vertical Axis Wind Turbines for Community Centers	VGST, GoK	VRN/002126/25-26	10,00,000.00	Ongoing
2.	Dr. S Y Goudappanavar	--	Smart hybrid SPV based Sustainable cooking stove	NAIN 2.0	NAIN2.0/6, dated 01.07.2026	4,00,000.00	Ongoing
3.	Mr. Basavaraju Hadapad	Dr. R L Naik	Development of Torque Control Algorithm for the minimization of Torque Ripple in Switched Reluctance Motor Employed in Electric Vehicle Application	BVVS BEC Seed Grants	BVVS/25-26/9736 dated 19.01.2026	2,00,000.00	Completed
4.	Dr. R L Naik	S S Tambakad	Development of FPGA Controlled Multilevel Inverter for Grid Connected PV Systems.	VTU	VTU/BGM/Aca/A-12/VTU RGS/DIS-EEE/2021-22/6066, dated 02.03.2022	12,00,000.00	Ongoing
5.	Dr. B F Ronad	S Y Goudappanavar	SPV based Outdoor Shelter for Street Vendors-Design, Implementation, Testing and Demonstration of Commercial Applications with SPV Powered DC Distribution.	VGST, GoK	VGST/RGS-F/GRD-903/2019-20/2020-21/198, dated 10.11.2020.	3,00,000.00	Completed
6.	Dr. R L Naik	--	Design and Development of portable wind blades using FRC and realization of low-cost small wind turbines	VTU	VTU/TEQIP-III/2019/321, dated 10.12.2019	2,00,000.00	Completed

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7.	Dr. R L Naik	--	FPGA Based Switched Reluctance Motor Drive	TEQIP-III BEC	TEQIP-III/2018/becg/8, dated 04.06.2018	5,30,000.00	Completed
8.	Dr. R L Naik	--	Smart control of power electronics-based machine drives	TEQIP-II	2016	16,85,000.00	Completed
9.	Dr. B F Ronad	--	Performance Monitoring Unit for SPV Powered DC Irrigation Pumps	TEQIP-II	BEC/TEQIP-II/EEED, dated 03.03.2016	1,75,000.00	Completed
10.	S Y Goudappanavar	--	Grid-Tie Inverter with Bi-directional FCU	TEQIP-II	BEC/TEQIP-II/EEED, dated 03.03.2016	1,85,000.00	Completed
11.	Dr. S H Jangamshetti	--	Establishment of phase-2 of SCADA for distribution automation laboratory	TEQIP-II	2012	27,00,000.00	Completed
12.	Dr. D S Jangamshetti	--	Design and development of novel method of embedded based data acquisition and control system for process industry	RPS, AICTE, New Delhi	20/AICTE/RIFD/RPS(POLICY-II)74/2012-13 dated 04.02.2013	11,63,000.00	Completed
13.	Dr. S H Jangamshetti	--	Renewable Energy and SCADA for distribution automation	VGST K-FIST Level-II	VGST/P-15/K-FIST/ Level-2/2010-11/753, dated 21.03.2011	40,00,000.00	Completed
14.	Dr. S H Jangamshetti	Dr. R L Naik	Development of FPGA-DSP based controller for three level Inverter for Grid Connection of Wind Turbine Generators	RPS, AICTE, New Delhi	F.No:8023/BOR/RID/rps-67/2007-08, dated 05.03.2008	16,60,000.00	Completed

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15.	Dr. S H Jangamshetti	--	Wind Data Logger using Wireless Transmission	TEQIP-I	2006	8,00,000.00	Completed
16.	Dr. S H Jangamshetti	--	District Level Renewable Energy Park	MNRE, New Delhi, KREDL Bangalore	IFD/San/106/512/2005-06, dated 31.10.2005 KRED/07/EnergyPark/2005/2234, dated 2.12.2005	10,00,000.00	Completed