

Basaveshwar Engineering College, Bagalkote

Patents filed and Granted

Sl. No.	Name of the faculty members	Title	Application Number and date	Publication Number and date	Award number and Date	Remarks
2024-25						
1	Dr. S. M. Malkapur and Dr. Shankar H. Sanni	Tree-Fall Resisting System for a slightly Inclined Tree	Application No: 424973-001	27-07-2024	No: 424973-001 26-03-2025	Granted
2	Dr. S. M. Malkapur and Dr. Shankar H. Sanni	Tree-Fall Resisting System for a straight tree	Application No: 425215-001	27-07-2024	No: 425215-001 30-07-2024	Granted
3	Mahadev Biradar	An Intelligent Attendance System With Geolocation And Anomaly Detection	Patent No..202521023180	28/03/2025		- Published
2023-24						
1	Dr. S. M. Malkapur and Dr. Shankar H. Sanni	Tree-Fall Resisting System/Apparatus at The Off-Street Area for an Inclined Tree to Withstand Stronger Wind and Method of its Construction	Application No:202241009473	202241009473 A 25-11-2023	No: 581459 24-02-2026	Granted
2	Dr.Lokesh B. Bhajantri Dr.Manjula A. Sutagundar Dr.Vasudha V. Ayyanavar Dr.DhaneswariHatti	AI and IoT Based Agriculture Crop Cutting Device	390551-001 and 18/07/2023	45/2023 and 10/11/2023	390551-001 & 7/11/2023	Registered/Granted
2022-23						
1	Dr.Mahabaleshwar S. K.	Preventing Center Meridian Accidents on highways using nRF module communication between car and medians	24.04.2023	26.05.2023	-	-

2	Dr. Santosh Malakapur&Dr.S.H.Sanni	Novel Structural system for stabilising a tree called “ Treefall resisting system’		--	--	--
2021-2022						
1.	Pavan Kumar, Bharati S Meti&ManjunathGirigowda	Bioformulation of Bacillus subtilis for management of bacterial blight in pomegranate	202141033369, Dtd. 25.07.2021	30.07.2021	--	Reply to FER submitted on 07.02.2022
2.	Dr.Lokesh B. Bhajantri	An Application for Divyang to use Voice Mail	202241022232 A, Dtd. 13.04.2022	17/2022 & 29.04.2022	--	--
3.	Dr.Sadhana P. B.	Food Analysis Using Chemical Sensor	202241003611, Dtd. 21.01.2022	05/2022 & 04.02.2022	--	--
4.	Dr.Govindraj B. Chittapur	Machine Learning based prediction of recommended song selection based on the people mindset using the data set of age and emotional words using deep learning algorithm.	202241038948, Dtd. 06.07.2022	22.07.2022	--	--
5.	Dr. Lokesh B. Bhajantri	IoT based poultry management system.	202241034718 A, Dtd. 17.06.2022	25/2022, 24.06.2022	--	--
6.	Dr. Praveen S. Challagidad	A Hybrid ensemble learning approach to star-galaxy classification	202241011956, Dtd. 05.03.2022	202241011956, 11.03.2022	--	Awaiting Request for Examination
7.	Dr. Praveen S. Challagidad	Underwater Drone	367706-001, Dtd. 15.07.2022	Awaiting for the Publication	--	--
2020-2021						
Sl.	Name of the faculty	Title	Application	Publication	Award number	Remarks

No.	members		Number and date	Number and date	and Date	
1.	Dr. R. N. Herkal And Krishnamurthy Bhat	An electro-mechanical system for prevention of wastage of cold water stored in hot water pipeline	2453/CHE/2015 15/05/2015	3471221 Dtd. 08.09.2020	347122 Dtd. 18.09.2020	--
2.	Dr.Rashmi R. Hunnur	Road Escalator field of invention	202141013649 , Dtd. 27.03.2021	02.04.2021	--	--
3.	Dr.Govindraj B. Chittapur	Forgery Video Detection System Based on Auto encoders for Ameliorated Classification	202141020483, 05/05/2021	Awaiting for the Publication	—	Awaiting Request for Examination
4.	Dr. P.N. Kulkarni	An Approach for Forest Change Detection Using Auto Regressive Module Based Kernel Fuzzy Clustering	2121009025 04-03-2021	2121009025 26.03.2021	--	Waiting Request for Examination
5.	Dr. Nagaranta R.	Block chain Enabled Hardware System for IoT Infrastructure Integration for Security Optimization	202141016943 09/04/2021	Under Review	--	Waiting for reviewer evaluation
6.	Bharati S Meti&Shivaleela V B	Cookie mix for special need	201641042251, 10/12/2016	23.12.2016	350729, 03.11.2020	—
2019-2020						
1.	Dr.Lokesh B. Bhajantri	A Wearable Safety System	202041023818A, Dtd. 06.06.2020	24/2020 12.06.2020	--	--
2018-2019						
1.	Bharati S Meti&Shivaleela V B	Soap preparation using organic waste for animal use to remove body pests like ticks	201741034621, Dtd. 28.09.2017	05.10.2018	394358, 08.04.2022	--
2.	Shivaleela V B & Bharati S Meti	Process of purification of glycerine	201741034620, 28/09/2017	05.10.2018	385625, 30 .12.2021	--

