



B.M.S. College of Engineering, Bangalore –560 019

(Autonomous Institution affiliated to VTU, Belgaum)

Department of Computer Science & Engineering

List of Funded R&D Projects

SN	Title of Project	Sanction Year	Duration	Amount (Rs)	Sanction Agency	Completed /Ongoing	Principal investigators
1.	Intelligent System for Assessment of Diabetics foot and Varicose Vein Complications using Thermography	Jun 2017	2 Years	1.74 lakhs	Amoudi Scientific Research Foundation of Majmaah University, Kingdom of Saudi Arabia	Ongoing	PI: Dr.Umadevi V Co-PI: Dr. Joshi Manisha
2.	Self-learning of flight and auto stabilization using recurrent neural networks	Jan 2017	0.6 Year	0.19 lakh	TEQIP	Completed	PI:Dr.Umadevi V
3.	Osteoarthritis Disease Diagnosis by Thermal Image Analysis	May 2015	1.8 Years	8.76 lakhs	TEQIP	Completed	PI:Dr.Umadevi V Co-PI:Dr. Joshi Manisha
4.	Development of Intelligent Traffic Control System by using RFID Technology	February 2015	2 Years	43.50 lakhs	University Grants Commission, New Delhi.	Ongoing	PI:Dr.Golla Varaprasad
5.	Automatic Detection and Notification of Humps on Roads to Aid Drivers	January 2015	1 Year	0.30 lakh	Department of Information Technology, Biotechnology and Science and Technology(VGST), Bangalore.	Completed	Mentor: Dr.Golla Varaprasad Students: Praveenraj Pattar, Rajeshwari Madli.
6.	Permanent Magnet Self-Rotating Motor	December 2013.	1 Year	0.40 lakh	Department of Information Technology, Biotechnology and Science and Technology(VGST), Bangalore.	Completed	Mentor: Dr.Golla Varaprasad Students: Santhosh Hebbar.
7.	National Workshop on Trends and Challenges of Android Computing	October 2013	2 Days	0.50 lakh	All India Council for Technical Education, New Delhi	Completed	PI:Dr.Umadevi V
8.	Instrumentation and Field Studies on In-situ Extraction of Tender Coconut Water from Coconut Tree	September 2013	2 Years	24.27lakhs	Department of Science and Technology, New Delhi.	Completed	PI:Chandra Babu C.K. CO-PI: Nagaraj H.B. CO-PI:Golla Varaprasad

9.	Wireless Communication Laboratory.	February 2013.	1 Year	8.34 lakhs	All India Council for Technical Education, New Delhi	Completed	PI:Dr.Golla Varaprasad
10.	Multiple Extraction of Coconut Water From Tree	May 2012.	2 Years	7.30 lakhs	All India Council for Technical Education, New Delhi.	Completed	PI:Chandra Babu C.K. CO-PI,Nagaraj H.B, Golla Varaprasad
11.	Violation Detection Method for Vehicular Ad Hoc Networking	November 2011.	2 Years	4.00 lakhs.	Department of Information Technology, Biotechnology and Science and Technology(VGST), Bangalore.	Completed	PI:Dr.Golla Varaprasad
12.	Virtual Reality Therapy through Android Game based Application	August 2016	10 Months	Rs.0.02 Lakh	TEQIP-II (BMSCE)	Completed	PI:Prof.Nagarthana
13.	Intelligent Parking System solution using Raspberry pi 2 with AWS IoT	August 2016	10 Months	Rs.0.06 Lakh	TEQIP-II (BMSCE)	Completed	PI:Prof.Pallavi
14.	Quadcopter for Medical Services	August 2016	10 Months	Rs.0.21 Lakh	TEQIP-II (BMSCE)	Completed	PI:Prof.Nadhini V
15.	HDMI based IOT Device for Enhancing the life and security of Senior Citizen.	November 27, 2017	2 years	Rs.5.0 Lakh	Department of Information Technology, Biotechnology and Science and Technology(VGST), Bangalore.	Ongoing	Dr.Kayarvizhy N

Total No.of Projects Received as of now: 15.
Total Amount Received as of now : 104.59 lakhs.