

Criterion: 3. Research, Innovations and Extension

: Resource Mobilization for Research

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Academic Year 2021-22					
Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Amount Sanctioned in Lakhs	Sanctioned/ Approval Letter
1	Spray Atomization and Deposition Process	Vision Group on Science and Technology, K-FIST L1	Dr. R. Ranganatha, Mechanical Engineering	10.0	VIEW DOCUMENT
2	Fabrication and Characterization of Natural Fiber Reinforced Hybrid Composite for House Hold Applications	Visvesvaraya Technological University- Research Grant Scheme	Dr. Chandra Mohan H K, Mechanical Engineering	10.0	VIEW DOCUMENT
3	Impact Lecture Session	AICTE	Dr. Bino Prince Raja D	0.12	VIEW DOCUMENT
4	Enhancement of Aerodynamic efficiency of the corrugated aerofoil with active and passive flow technique	KSCST [Karnataka State Council for Science & Technology]	Prof. Vidyashree K R, Aeronautical Engineering	0.1	VIEW DOCUMENT

5	Experimental study on mechanical strength and durability of glow in dark concrete	KSCST [Karnataka State Council for Science & Technology]	Mr. Shashikumar A, Civil Engineering	0.06	VIEW DOCUMENT
6	Analysis of performance of self-healing concrete using bacillus subtilis		Prof. Chethan G N, Civil Engineering	0.06	
7	De-weeding in ponds by chemical treatment a case study		Prof. Bhavya S, Civil Engineering	0.07	
8	Assessment of pollutional potential of groundwater through water quality index		Prof. Ravindranath C, Civil Engineering	0.065	
9	Experimental study on the use of gold mine tailing as fine aggregate		Prof. Kamath G M, Civil Engineering	0.065	
10	Rice Safety Traceability System For People's Health Using Machine Learning And Big Data		Prof. Ashok K N, Computer Science and Engineering	0.050	
11	Advanced Machine Learning Technique To Detect Disease In Potato		Prof. Girish B G, Computer Science and Engineering	0.04	
12	Computing Volumetric Flow Rate and Storing the data in website		Prof. Ravi M V, Electronics and Communication Engineering	0.05	
13	Victim rescue from open bore well		Prof. Ravi Kiran R and Prof. Ravi M V Electronics and Communication Engineering	0.06	

14	Pole climbing robot for connecting distribution lines	KSCST [Karnataka State Council for Science & Technology]	Prof. Veena S, Electronics and Communication Engineering	0.06	VIEW DOCUMENT
15	Hydroponics farming using dual-axis solar tracking system		Prof. Shwetha V, Electronics and Communication Engineering	0.05	
16	Camouflage military robot		Prof. Ravi Kiran R, Electronics and Communication Engineering	0.06	
17	Implementation of real time hand gestures for 3d holographic display using artificial intelligence		Dr. S Bhargavi, Electronics and Communication Engineering	0.06	
18	IOT based Smart Security and Surveillance Systems		Prof. Manjunatha Siddappa and Prof. Ravi M V, Electronics and Communication Engineering	0.07	
19	A low cost multi sensor for investigating the structural response of structures		Dr. Nagendra Kumar M, Electronics and Communication Engineering	0.06	
20	Integrated reliable ICU booking system for COVID 19		Prof. Sabin T T, Information Science and Engineering	0.06	
21	Development of Areca nut free climbing and harvesting machine with pesticide sprayer		Prof. Palakshaiah, Mechanical Engineering	0.08	
	Soft Robotics based voice controlled prosthetic hand		Dr. H M Mallaradhya, Mechanical Engineering	0.07	
Total Amount in Words: Twenty One Lakh Thirty One Thousand Rupees Only				21,31,000/-	
22	Audit statement 2021-22			VIEW DOCUMENT	

Academic Year 2020-21

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Amount Sanctioned in Lakhs	Sanctioned/ Approval Letter
1	Modernization of Fluid Mechanics Laboratory	AICTE [All India Council for Technical Education]	Dr. G V Gnanendra Reddy Mechanical Engineering	19.75	VIEW DOCUMENT
2	Short Term Training Programme (STTP) on Artificial Intelligence and Machine Learning		Dr. Veeresh Chandra M S Mechanical Engineering	3.39667	VIEW DOCUMENT
3	Impact Lecture Session		Dr. Bhaskar S Electronics and Communication Engineering	0.18	VIEW DOCUMENT
4	Academeasy-your academic friend	NAIN [New Age Incubation Network]	Prof. Jagadish N Computer Science and Engineering	1.46	VIEW DOCUMENT
5	Exo-Skeleton		Prof. Subba Reddy D N Mechanical Engineering	2.3	
6	Android based intelligent smart vehicle for disable using brain computer interface and voice assistant		Prof. Manjunath S Computer Science and Engineering	2.45	
7	Book market inside the campus		Prof. Ajay N Computer Science and Engineering	1.6789	
8	Design and Development of Semi-Automatic Manhole Cleaning Machine		Dr. Veeresh Chandra M S Mechanical Engineering	2.7390	
9	Tissue Culture-Helping hand in Agriculture		Prof. Ashwini D S Mechanical Engineering	2.6573	
10	Automated Overhead Tank Cleaning Machine		Prof. Subba Reddy D N Mechanical Engineering	2.5665	

11	Innovative and effective use of resource along with advanced home automation system	NAIN [New Age Incubation Network]	Prof. Apoorva S Computer Science and Engineering	2.27	VIEW DOCUMENT
12	Notatia – the solution of the people		Prof. Ajay N Computer Science and Engineering	2.78	
13	Low Cost Manually Operated Seed Sowing Machine		Prof. Subba Reddy D N Mechanical Engineering	2.65	
14	Symposium cum project exhibition in recent advancement in engineering science	KSTA [Karnataka Science and Technology Academy]	Dr. R.Ranganatha Subba Reddy D N Mechanical Engineering	0.35	VIEW DOCUMENT
15	Smart Hand Glove	KSCST [Karnataka State Council for Science & Technology]	Prof. Ravi M V Electronics and Communication Engineering	0.05	VIEW DOCUMENT
16	Neuro Sensor with IOT		Prof. Bhanupartap V Prof. Manjula K Electronics and Communication Engineering	0.06	
17	Dwani- An Artificial Voice Box		Prof. Ravi M V Electronics and Communication Engineering	0.065	
18	Suitability of Hebbal Nagavara valley treated wastewater for irrigation in Chickballapur district.		Prof. Ravindra M V Civil Engineering	0.06	
19	Soft Application for assessing suitability of water for irrigation		Prof. Ravindra M V Civil Engineering	0.06	

20	Design and Fabrication Of Advanced Disinfection Tunnel To Tackle External Surface Disinfection Of Covid-19 Virus In Public Places	KSCST [Karnataka State Council for Science & Technology]	Prof. Subba Reddy D N Mechanical Engineering	0.06	VIEW DOCUMENT
21	Yashodhara- Virtual Tourism		Dr. Anitha TN Computer Science and Engineering	0.05	
22	Design of Wireless EMG +A46:I49Monitoring System for Muscle Activity on Parkinson Disease		Prof. Pradeep Kumar G M Computer Science and Engineering	0.05	
23	Polymer Sensor T-shirt for Respiratory Monitoring using IOT		Prof. Apoorva S Computer Science and Engineering	0.05	
24	Experimental Study On Environmental Effects Of Concrete Produced From Partial Replacement Of Cement And Sand With Ceramic Waste Powder And Alkali Activated Sand		Dr. G Narayana Mr. Naveen M P Civil Engineering	0.07	
25	Flower Harvesting Robot	FAER	Dr. Bhaskar S Electronics and Communication Engineering	0.02227	VIEW DOCUMENT
26	Advanced Home Surveillance system	McAfee	Dr. Murthy S V N Computer Science and Engineering	0.05	VIEW DOCUMENT
27	Financial Assistance To The Innovative Projects Of UG Final Year Students	Visvesvaraya Technological University	Undergraduate Students All Branches	0.7	VIEW DOCUMENT
Total Amount in Words: Forty Eight Lakh Fifty Seven Thousand Five Hundred Sixty Four Rupees Only				48,57,564/-	
28	Audit Statement 2020-21				VIEW DOCUMENT

Academic Year 2019-20					
Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Funding Agency	Department of the Principal Investigator	Amount Sanctioned in Lakhs	Sanctioned/ Approval Letter
1	Modernization of CIM & Automation lab	AICTE [All India Council for Technical Education]	Dr. G V Gnanendra Reddy Mechanical Engineering	16.67	VIEW DOCUMENT
2	Modernization of HDL Lab		Dr. B N Shobha Electronics and Communication Engineering	6.76	VIEW DOCUMENT
3	Design and Fabrication of Drainage Cleaning Machine	The Institution of Engineers, (India)	Dr. Veeresh Chandra M S Mechanical Engineering	0.20	VIEW DOCUMENT
4	Pneumatics and Their Applications	The Institution of Engineers (India)	Dr. M Ravi Kumar Mechanical Engineering	0.30	VIEW DOCUMENT
5	Study and Development Of Hybrid Rame Glass Fiber Reinforced Polymer Composites	KSCST [Karnataka State Council for Science & Technology]	Dr. Bono Prince Raja D Prof. Rohith L G Aeronautical Engineering	0.05	VIEW DOCUMENT
6	Treatment of Sullage by /using Natural laterite and chitosan as an adsorbent		Prof. Vathasala M N Civil Engineering	0.045	
7	Geospatial analysis of appropriateness of treated Kormangala & Challaghatta (K & C), Valley waste water for irrigation in Kolar,		Prof. Ravindra M V Civil Engineering	0.04	
8	Compact Air Conditioner		Prof. Y R Manjunatha Electronics and Communication Engineering	0.04	
9	Neuro Wheel Chair		Prof. Manjula K Electronics and Communication Engineering	0.05	

10	Sign Language To Speech Interpreter	KSCST [Karnataka State Council for Science & Technology]	Prof. J B Kalaiah Electronics and Communication Engineering	0.045	VIEW DOCUMENT
11	Automatic Lake Cleaning And Surveillance Boat		Prof. Ravi M V Electronics and Communication Engineering	0.04	
12	Smart Sight For Visually Impaired People		Prof. Ravikiran R Electronics and Communication Engineering	0.045	
13	Feasibility studies on morning olifera and alum as an coagulant to treat the domestic effluent and quality of water for agriculture		Prof. Kamath G M Civil Engineering	0.04	
14	Design and Development of Semi-Automatic Manhole Cleaning Machine		Dr Veeresh Chandra M S Mechanical Engineering	0.07	
15	Patients Health Monitoring with HER System		Dr. Sudhir P Electronics and Communication Engineering	0.045	
16	Experimental Study on NANO Silica Modified Geopolymer concrete for eacrly damage reduction in bridge deck pavement		Dr. G Narayana Civil Engineering	0.05	
17	Experimental Study on development of geo polymer sand as replacement to natural sand in cement mortar		Dr. G Narayana Civil Engineering	0.05	
Total Amount in Words: Twenty Four Lakhs Fifty Four Thousand Rupees Only				24,54,000/-	
18	Audit statement 2019-20			VIEW DOCUMENT	

Academic Year 2018-19

Sl. No.	Name of the Project/ Endowments,Chairs	Name of the FundingAgency	Department ofthe Principal Investigator	Amount Sanctioned in Lakhs	Sanctioned/ Approval Letter
1	Workshop Conduction on Processing and Characterization of MMC	TEQIP 1.3 [Technical Education Quality Improvement	Dr. N R Thyagaraj Mechanical Engineering	3.0	VIEW DOCUMENT
2	Coconut and Areca Nut Harvesting drone	NAIN [New Age Incubation Network]	Prof. Deepa M S Aeronautical Engineering	2.5	VIEW DOCUMENT
3	Sustainable power project to Remote Areas		Prof. Tilak Raj N Electronics and Communication Engineering	2.5	
4	Automation in cars to alert drivers		Prof. Shashikanth T S and Dr. Bharathi M Computer Science and Engineering	2.31	
5	Controlled use of water for irrigation and fertilizers in farming		Prof. Divakar K M Computer Science and Engineering	2.41	
6	Air conditioning by geothermal heat pump		Prof. Vathasala M N Civil Engineering	1.88	
7	Brain Computer Interface for patients with Disorder of consciousness and Stroke		Prof. Manjunantha S Computer Science and Engineering	2.4	
8	Smart traffic system		Prof. Nagesh R Information Science and Engineering	2.5	
9	“A-Drishti”-A step Towards Alternate Vision		Prof. Pradeep Kumar M Information Science and Engineering	2.22	

10	Smart Helmets for Bikes	NAIN [New Age Incubation Network]	Prof. Kumar D and Prof. Anil Kumar R Electronics and Communication Engineering	2.3	VIEW DOCUMENT
11	Design and Fabrication of Automated Road Cleaning Machine		Prof. Nagesh D Mechanical Engineering	2.10237	
12	Poorn'I'		Prof. Manjunath S Computer Science and Engineering	2.17513	
13	Virtual SIM		Prof. Abdul Kadar Information Science and Engineering	2.37250	
14	An application to Pay fine for Traffic Rules Regulations		Prof. Yathish Computer Science and Engineering	2.33	
15	Symposium cum project exhibition in recent advancement in engineering science	KSTA [Karnataka Science and Technology Academy]	Prof. Subbareddy D N Mechanical Engineering	0.75	VIEW DOCUMENT
16	Technology Barrier Reduction Program	FAER [Foundation for Advancement of Education and Research]	Prof. Subbareddy D N Mechanical Engineering	2.25	VIEW DOCUMENT
17	Generating and harvesting energy from Multiple low cost energy generators for low energy consumer using Piezo-electric technique and its applications	KSCST[Karnataka State Council for Science & Technology]	Prof. Manjula K Telecommunication Engineering	0.07	VIEW DOCUMENT

18	Child rescue system on open bore wells		Prof. Bhavana S Telecommunication Engineering	0.07	VIEW DOCUMENT
19	Real time implementation of IOT Based smart dam system safety of Inhabitants trough live footage		Dr. S. Bhargavi Telecommunication Engineering	0.05	
20	Intelligent Food Management Using IOT		Prof .Ravi M V Electronics and Communication Engineering	0.065	
21	VTU e-Shikshana- an interactive e-learning platform	Visvesvaraya Technological University [VTU]	Dr. Ravi Kumar K M Electronics and Communication Engineering	0.70	VIEW DOCUMENT
Total Amount in Words: Thirty Six Lakh Ninety five Thousand Five Hundred Rupees Only				36,95,500/-	
22	Audit Statement 2018-19				VIEW DOCUMENT

Academic Year 2017-18					
Sl. No.	Name of the Project/ Endowments,Chairs	Name of the Funding Agency	Department ofthe Principal Investigator	Amount Sanctioned in Lakhs	Sanctioned/ Approval Letter
1	A Scheme of Promotion of Innovation, Rural Industry and Entrepreneurship(ASPIRE), Setting Up TBI at SJCIT, Chickballapur	Ministry of Micro, Small and Medium Enterprises, KVI-I Section, Govt. of India	Dr. T Munikenche Gowda, Director, BGS R&D,	45.0	VIEW DOCUMENT
2	Design and Treatability Studies of Low Cost Biofilters in Grey Water Treatment With Respect To Recycle And Reuse In Rural Areas	KSCST [Karnataka State Council for Science & Technology]	Prof. Ravindra M V Civil Engineering	0.05	VIEW DOCUMENT
3	Intelligent Traffic System for Pollution Monitoring with auto detection of Traffic rules violation and intimation		Dr. S Bhargavi Telecommunication Engineering	0.06	
4	Bomb Squad Robot		Prof. Madhukara S Electronics and Communication Engineering	0.055	
5	Brain Computer Interface For Patients With Disorder Of Consciousness And Stroke		Prof. Manjunatha Siddappa Electronics and Communication Engineering	0.055	
6	Design and Development of Prototype for Freeze Drying of Groceries		Dr. B N Shobha Electronics and Communication Engineering	0.06	
Total Amount in Words: Forty Five Lakhs Twenty Eight Thousand Rupees Only				45,28,000/-	
7	Audit Statement 2017-18		VIEW DOCUMENT		


 Principal
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