

3.2.2 List of teachers along with the title of the project, the awarding agency, duration of the project and the amount during the assessment period duly signed by competent authority.

3.2.2.1

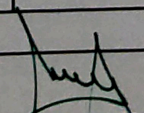
Academic Year 2021-22

Sl.No.	Faculty Name/Name of the Principal Investigator/ Co Investigator (if	Title of the Project	Name of the Funding Agency	Duration of the project	Amount
1	Dr. A. D. Devangavi	AICTE Idea Lab	AICTE	05 Years	110
2	Dr. Bharati Meti	Bioenergy Research, Information and Demonstration Activities	KSBDB-BRIDC	01 Year	1.5
3	Dr. Bharati Meti And Prof. Shilpa Jigajinni	Cloning And Expression Of Lipase As A Biocatalyst For Biodiesel Production	KSCST	01 Year	0.07
4	Dr. M M Hanamasagar	Experimental Studies On Assessment Of Basic Compressive Stress Of Stabilized Compressed Mud Block Masonry By Prism Test	KSCST	01 Year	0.07
5	Prof. S.M. Kalagudi And Dr. P.G. Rakaraddi	Reclamation And Reuse Of Greywater By Construction Of Wetlands	KSCST	01 Year	0.07
6	Dr. Veena S Soraganvi	Sustainable Waste Disposal System For A Rural Area	KSCST	01 Year	0.06
7	Prof. Seema Shringeri	Experimental Study On Geosynthetic Encased Stone Column With Different Soil	KSCST	01 Year	0.06
8	Dr. Santhosh M Malkapur	Low-Cost Building Blocks Using Locally Available	KSCST	01 Year	0.06
9	Dr. Santhosh .M. Malkapur	Studies On Use Of Crumb Rubber In Concrete For Acoustical Insulation	KSCST	01 Year	0.06
10	Mr. Vikas Jainkeri Dr. Suresh H. Jangamshetti	Analysis Of Lead Acid Battery For Determination Of State Of Charge Based On Machine Learning	KSCST	01 Year	0.05
11	Dr. Sarojini.B.K	Lorawan-Based Smart	KSCST	01 Year	0.07
12	Dr. Vijaylaksmi Jigajinni	Health Monitoring System For Diabetic Patients	KSCST	01 Year	0.03
13	Dr. V.S.Puranik	Intelligent Cargo Management System Using IOT To Enhance Transportation Efficiency Of	KSCST	01 Year	0.07
14	Dr. Shobha Patil	Smart Gloves For Firefighters	KSCST	01 Year	0.05

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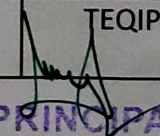
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15	Dr. Lokesh B. Bhanjantri	Design And Development Of Agent Based Context Aware System In Emergency	KSCST	01 Year	0.05
16	Prof. P. K. Deshpande	E-Commerce System For Visually Challenged People	KSCST	01 Year	0.04
17	Prof. Sandeep N.	IoT Smart Device For Athletes	KSCST	01 Year	0.05
18	Dr. S H Sanni and Prof. G S Hiremath	A Comprehensive Study On Moment Resisted Connections Under Dynamic	KSCST	01 Year	0.1
19	Dr. R. L. Naik	Development of Hysteresis based speed control of switched Reluctance Motor	VTU	01Year	0.05
20	Dr. K Shridhar And Prof. Anand Unnibhavi	Speech Enhancement Using Modified Multiband Spectral Subtraction	VTU	01Year	0.05
21	Dr. Ajaykumar C. Kategeri	Remote Location Vehicle Renting and Vehicles Safety Monitoring	VTU	01Year	0.05
22	Dr. S. R. Patil	Driver-less Car with End-lane Detection	VTU	01Year	0.05
23	Dr. Krishnamurthy Bhat	RFID Based Smart Shopping System	VTU	01Year	0.05
24	Dr. D. D. Chillal	In Built Hydraulic Car Lifting Mechanism	VTU	01Year	0.05
25	Dr. S. M. Jigajinni	Study of Repetitive Corrugation and Straightening (RCS) on hypoetetic AL-2Si and Al-7Si	VTU	01Year	0.05
26	Dr. Madhumala Y.	Biosorption of Cyanide using Biofilms	VTU	01Year	0.05
27	Dr. S. V. Saboji	Design and Implementation of Security Service in 5G Wireless Networks	KSCST Bangalore	2 Years	14
28	Dr. S. M. Hatture	Anomaly Based Intrusion Detection in Smart Agriculture Using Machine Learning Approaches	KSCST Bangalore	2 Years	14
29	Dr. Bharati Meti	Bioenergy Research, Information and Demonstration Activities	KSDBD	01 Year	0.95
30	Dr. Raghuram L Naik And Smt Sunita S Tambakad	Development of FPGA Controlled Multilevel Inverter for Grid Connected PV System	VTU	01 Year	12
				Total	153.81

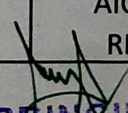

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Academic Year 2020-21					
1	Dr. B F Ronad and S Y Goudappanavar	SPV Based Outdoor Shelter for Street Veddors- Design, Implementation, Testing and Demonstration of Commercial Appliances with SPV Powered DC Distribution	VGST-Vision Group on Science and Technology GoK	01 Year	3
2	Dr. Bharati Meti	Bioenergy Research, Information and Demonstration Activities	KSBDDB-I&D	01 Year	0.96
3	Dr. S M Jigajinni	Study On Effect Of Support Structure On Metal Additive Manufacture Part Quality	KSCST	01 Year	0.07
4	Dr. M M Hanamasagar	An Experimental Study On Effect Of Replacement Of River Sand By Steel Slag And M-Sand On The Strength Characteristics Of Concrete	KSCST	01 Year	0.05
5	Dr. Jayashree D Mallapur	Virtual Monitoring Of Distraction Activities In E-Learning Mode For Rural And Urban Higher Degree	KSCST	01 Year	0.05
6	Dr. Basangouda F Ronad	Design And Development Of Dc-Dc Converter Employed For Dc Distribution System For Domestic And Commercial Loads	KSCST	01 Year	0.07
7	Dr. Jayashree D Mallapur	Power Shot Mobile Charger (With E-Waste Management)	KSCST	01 Year	0.05
8	Prof. Shilpa K Jigajinni	Conversion Of Acid Oil To Biodiesel By Enzymatic Transesterification Process	KSCST	01 Year	0.055
9	Dr. Sharada P	Novel Formulation Of Herbal Based Cleanser To Wash Fruits And Vegetables	KSCST	01 Year	0.06
10	Dr. Suresh H. Jangamshetti	Design And Fabrication Of Bldc Motor For Solar Pv	KSCST	01 Year	0.07
11	Prof. S. C. Yali	Hybrid Multi-Utility Agro	KSCST	01 Year	0.08
12	Dr. P. N. Kulkarni and Dr. S. S.	DAQ Hardware, DAQ Card	TEQIP	04 Year	4.2
13	Dr. P. N. Kulkarni and Dr. S. S.	Enhancement of Computational Facilities	TEQIP	04 Year	35.023
14	Dr. S. S. Injaganeri	ERP Samarth Server	TEQIP	04 Year	2.54
15	Dr. P. N. Kulkarni and Dr. S. S.	Enhancement of Computational Facilities	TEQIP	04 Year	6.96
16	Dr. P. N. Kulkarni and Dr. S. S.	Enhancement of Computational Facilities	TEQIP	04 Year	3.96

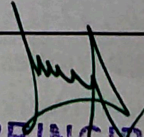
17	Dr. P. N. Kulkarni and Dr. S. S.	Enhancement of Computational Facilities	TEQIP	04 Year	25.75
				Total	82.948
Academic Year 2019-20					
1	Dr. Shravan B. Kerur	Smart Composites Structures Research Center	VGST-KFIST	VGST-KFIST	13.1
2	Dr. P. N. Hiremath	Climate Resilient Concrete for Structures in Marine	Royal Academy,	Royal Academy,	38
3	Prof. P.M.Chanal	Intelligent Authentication Scheme for Internet things	VGST	VGST	3
4	Mr. Rutwik R Patil	Food Production and Scalability , Technology Innovation, Social Innovation	NAIN	NAIN	3
5	Mr. S J Sanjay	Making Of Pavement Tiles Using Plastic Waste	KSCST	KSCST	0.04
6	Dr. A.V. Sutagundar	Digitization Of Ticket Checking System In Indian	KSCST	KSCST	0.035
7	Prof. S. J. Sanjay	Fabrication Of Electrical Insulation Tape Cutting	KSCST	KSCST	0.04
8	Dr. Bharati S Meti	Health And Wellness From Pomegranate Peel	KSCST	KSCST	0.055
9	Prof. Premjyoti C Patil	Combined Effect Of Immobilized Cells Of Pseudomonas Putida And Chlorella Sorokiniana As A	KSCST	KSCST	0.05
10	Prof. G M Hiremath	Domestic Wastewater Treatment By Ghraphene	KSCST	KSCST	0.04
11	Dr. M. M Hanamasagar and	Microcontroller kit 80.51/31 trainer kit	TEQIP	TEQIP	5.77
12	Dr. B. G. Shipparamatti and	Crack Opening Displacement Guage, Digital	TEQIP	TEQIP	2.301
13	Dr.P. G. Rakaraddi and Dr. S. G. Kambalimath	Compression Testing Machine with Compatible Design Software	TEQIP	TEQIP	19.438
14	Dr. Chayalaxmi C. C. and Dr. S. G.	Cyclic Triaxial Testing Machine	TEQIP	TEQIP	53.81
15	Dr. P. N. Hiremath and Dr. S. G.	DAQ Hardware, DAQ Card	TEQIP	TEQIP	4.37
16	Dr. S. G. Kambalimath/Dr. S. G. Karkun	RFID Reader-Tags, Anti Theft Sticker, RFID Workstation, RFID Handheld Reader, RFID Security Gate, Self Check in Check Out Kiosk	TEQIP	TEQIP	33.9
17	Prof. B. S. Malapur and Dr. S. G.	Mail Server	TEQIP	TEQIP	23.352
18	Dr. P. N. Kulkarni and Dr. S. S.	Desktop Computer for Enhancing Learning faci	TEQIP	TEQIP	21.78
				Total	222.082


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Academic Year 2018-19					
1	Dr. V. S. Soraganvi	Center for Water and Wastewater Research	KCTU	03 Year	78.4
2	Dr. Bharati Meti	Bioenergy Research, Information and Demonstration Activities	KSBDB	01 Year	3
3	S.N.Kurbet	Current Practices and Critical Issues for OBE	AICTE	01 Year	5.87
4	Dr. G. B. Megeri	Cyanide Reduction by Biosorption Process	KSCST	01 Year	0.065
5	Prof. Shilpa K.J.	Biodiesel Production from Waste Cooking Oil using Immobilization Lipase	KSCST	01 Year	0.065
6	Prof. S. M. Pharsiyawar and Dr. S. S.Injaganeri	Enhancement of Computational Facilities-3D Scanner, Computing System, Support Cleaning System for Existing FDM 3D Printer	TEQIP	4Year	17
7	Dr. R. L. Naik and Dr. S. S.Injaganeri	PCB Prototyping Machine with Compatible Design	TEQIP	4Year	24.62
8	Prof. Girish Shettar and Dr. S. S.Injaganeri	Enhancement of Computational Facilities-4-Phase Switch Reluctance Motor with Mechanical Loading Arrangement and Incremental Encoder, IGBT based Inverter Stack 4 Phase (Rectifier + Inverter	TEQIP	4Year	5.33
9	Dr. S. G. Kambalimath and Dr. S. S.Injaganeri	Enhancement of Computational Facilities-Color Digital Copier, Black Digital Copier, Portable Document Scanner, 5 KVA	TEQIP	4Year	11.85
10	Dr. A. C. Katageri and Dr. S. S.Injaganeri	Enhancement of Computational Facilities-PoE Adapter, 12-U Rack, UPS, IP Phones, Wireless Access Points, Network Switches, Network Accessories, Cabling	TEQIP	4Year	24.99
11	Dr. R. L. Naik and Dr. S. S.Injaganeri	Enhancement of Computational Facilities	TEQIP	4Year	3.96
12	Prof. Kiran Balavalad and Dr.R.	Enhancement of Computational Facilities	TEQIP	4Year	51.69
				Total	226.7874
Academic Year 2017-18					
1	Dr Ashok Sutagundar	Resource Management in Internet of Things	AICTE RPS	01Year	5.76


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2	Dr Venkanna Belagur	Comprehensive Experimental Investigations On Combustion, Performance, And ;Emission Characteristics Of Biodiesel/Oxygen Compounds/Diesel Fuel In A Compression Ignition Engine	AICTE RPS	01Year	10.72
3	Dr. Bharati Meti	Bioenergy Research, Information and Demonstration Activities	KSBDB	01 Year	2
4	Prof. B.R.Endigeri	Studies On Mechanical Properties Of Coconut Shell Ash Reinforced With Lm25	KSCST	01 Year	0.05
5	Dr. Shraavan B Kerur	Crack Detection Device For Rail Tracks	KSCST	01 Year	0.08
6	Prof. G. M. Hiremath	Electricity Generation From Sugar Mill Wastewater By Microbes	KSCST	01 Year	0.06
7	Dr. P.G.Rakaraddi	Liquefaction Potential By Locally Available Sand And	KSCST	01 Year	0.06
8	Prof. Preeti S K	Biochemical And Molecular Study Of Glutathione Peroxidase Enzyme In Bryophyllum Pinnatum	KSCST	01 Year	0.07
9	Dr. Lokesh.B. Bhajantri	Voice Mail Android Application For Blind Persons	KSCST	01 Year	0.04
10	Dr. Jayashree D Mallapur	Smart Gadget For Women Safety Using lot	KSCST	01 Year	0.06
11	Dr. Basanagouda.F. Ronad	Smart Sprayer For Horticulture Crops - An Approach Towards Systematic And Targeted	KSCST	01 Year	0.07
12	Prof. Madhumala Y	Cyanide Remediation By Adsorption And Biosorption Process	KSCST	01 Year	0.07
				Total	19.04


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