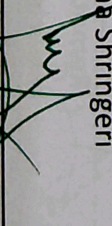


3.2.4 Department wise list of projects indicating title of the funded project, Name of the teacher, the amount and the funding agency during the last five years duly signed by competent authority.

3.2.4.1

Academic Year 2021-22

Sl.No.	Name of the Department	Title of the Project	Name of the Teacher	Amount	Funding Agency
1	Automobile Engineering	In Built Hydraulic Car Lifting Mechanism	Dr. D. D. Chillal	0.05	VTU
2	Artificial Intelligence and Machine Learning	AICTE Idea Lab	Dr. A. D. Devangavi	110	AICTE
3	Biotechnology	Bioenergy Research, Information and Demonstration Activities	Dr. Bharati Meti	1.5	KSBDB-BRIDC
4		Cloning And Expression Of Lipase As A Biocatalyst For Biodiesel Production	Dr. Bharati Meti And Prof. Shilpa Jigajinni	0.07	KSCST
5		Bioenergy Research, Information and Demonstration Activities	Dr. Bharati Meti	0.95	KSBDB-BRIDC
6		Biosorption of Cyanide using Biofilms	Dr. Madhumala Y.	0.05	KSCST
7	Civil Engineering	Experimental Studies On Assessment Of Basic Compressive Stress Of Stabilized Compressed Mud Block Masonry By Prism Test	Dr. M M Hanamasagar	0.07	KSCST
8		Reclamation And Reuse Of Greywater By Construction Of Wetlands	Prof. S.M. Kalagudi And Dr. P.G. Rakaraddi	0.07	KSCST
9		Sustainable Waste Disposal System For A Rural Area	Dr. Veena S Soraganvi	0.06	KSCST
10		Experimental Study On Geosynthetic Encased Stone Column With Different Soil	Prof. Seema Shringeri	0.06	KSCST
11		Low-Cost Building Blocks Using Locally	Dr. Santhosh  Principal, Basaveshwar Engineering College	0.06	KSCST

12		Studies On Use Of Crumb Rubber In Concrete For Acoustical Insulation Purposes	Dr. Santhosh .M. Malkapur	0.06	KSCST
13		A Comprehensive Study On Moment Resisted Connections Under Dynamic Loading	Dr. S H Sanni and Prof. G S Hiremath	0.1	KSCST
14	Computer Science and Engineering	Design and Implementation of Security Service in 5G Wireless Networks	Dr. S. V. Saboji	14	VTU
15		Anomaly Based Intrusion Detection in Smart Agriculture Using Machine Learning Approaches	Dr. S. M. Hatture	14	VTU
16	Electrical and Electronics Engineering	Analysis Of Lead Acid Battery For Determination Of State Of Charge Based On Machine Learning	Mr. Vikas Jainkeri Dr. Suresh H. Jangamshetti	0.05	VTU
17		Development of Hysteresis based speed control of switched Reluctance Motor	Dr. R. L. Naik	0.05	KSCST
18		Development of FPGA Controlled Multilevel Inverter for Grid Connected PV System	Dr. Raghuram L Naik And Smt Sunita S Tambakad	12	VTU
19	Electronics and Communication Engineering	Lorawan-Based Smart Farming	Dr. Sarojini.B.K	0.07	KSCST
20		Health Monitoring System For Diabetic Patients	Dr. Vijaylaksmi Jigajinni	0.03	KSCST
21		Speech Enhancement Using Modified Multiband Spectral Subtraction	Dr. K Shridhar And Prof. Anand Unnibhavi	0.05	KSCST
22		Remote Location Vehicle Renting and Vehicles Safety Monitoring	Dr. Ajaykumar C. Katereri	0.05	KSCST
24	Electronics and Instrumentation Enoinarino	RFID Based Smart Shopping System	Dr. Krishnamurty Bhat	0.05	KSCST

25	Industrial And Production Engineering	Intelligent Cargo Management System Using IoT To Enhance Transportation Efficiency Of Agriculture Produce	Dr. V.S.Puranik	0.07	KSCST	
26	Information Science And Engineering	Smart Gloves For Firefighters	Dr. Shobha Patil	0.05	KSCST	
27		Design And Development Of Agent Based Context Aware System In Emergency Situations.	Dr. Lokesh B. Bhanjantri	0.05	KSCST	
28		E-Commerce System For Visually Challenged People	Prof. P. K. Deshpande	0.04	KSCST	
29		IoT Smart Device For Athletes	Prof. Sandeep N. Kugali	0.05	KSCST	
30	Mechanical Engineering	Driver-less Car with End-lane Detection	Dr. S. R. Patil	0.05	KSCST	
31		Study of Repetitive Corrugation and Straightening (RCS) on hypoectetic AL-2Si and Al-7Si alloys and its Characterization	Dr. S. M. Jigajinni	0.05	KSCST	
		Total		153.81		
Academic Year 2020-21						
1	Biotechnology	Bioenergy Research, Information and Demonstration Activities	Dr. Bharati Meti	0.96	KSBDB-I&D	
2		Conversion Of Acid Oil To Biodiesel By Enzymatic Transesterification Process	Prof. Shilpa K Jigajinni	0.055	KSCST	
3		Novel Formulation Of Herbal Based Cleanser To Wash Fruits And Vegetables	Dr. Sharada P	0.06	KSCST	
4		Civil Engineering	An Experimental Study On Effect Of Replacement Of River Sand By Steel Slag And M-Sand On The Strength Characteristics Of Concrete	Dr. M M Hanamasagar	0.05	KSCST
5			Enhancing Computational Facilities	Dr. S. S. Injaganeri and Prof. S. M. Magi	2.54	TEQIP

				3 VGST-Vision Group on Science and Technology Gok	
6	Electrical and Electronics Engineering	SPV Based Outdoor Shelter for Street Veddors- Design, Implementation, Testing and Demostratation of Commercial Appliances with SPV Powered DC Distribution	Dr. B F Ronad and S Y Goudappanavar		
7		Design And Fabrication Of Bldc Motor For Solar Pv Applications	Dr. Suresh H. Jangamshetti	0.07	KSCST
8		Design And Development Of Dc-Dc Converter Employed For Dc Distribution System For Domestic And Commercial Loads	Dr. Basangouda F Ronad	0.07	KSCST
9	Electronics and Communication Engineering	Virtual Monitoring Of Distraction Activities In E-Learning Mode For Rural And Urban Higher Degree Students	Dr. Jayashree D Mallapur	0.05	KSCST
10		Power Shot Mobile Charger (With E-Waste Management)	Dr. Jayashree D Mallapur	0.05	KSCST
11		Enhancing Computational Facilities	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	4.2	TEQIP
12		Enhancing Computational Facilities -All in One	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	35.023	TEQIP
13		Enhancing Computational Facilities- Interactiv	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	6.96	TEQIP
14		Enhancing Computational Facilities-Interactive	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	3.96	TEQIP
15		Enhancing Computational Facilities	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	25.75	TEQIP
16	Mechanical Engineering	Study On Effect Of Support Structure On Metal Additive Manufacture Part Quality	Dr. S M Jigajinni	0.07	KSCST
17		Hybrid Multi-Utility Agro Vehicle	Prof. S. C. Yali	0.08	KSCST
			Total	82.948	

Academic Year 2019-20

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1	Biotechnology	Health And Wellness From Pomegranate Peel	Dr. Bharati S Meti	0.055	KSCST
2		Combined Effect Of Immobilized Cells Of Pseudomonas Putida And Chlorella Sorokiniana As A Biofertilizer	Prof. Premjyoti C Patil	0.05	KSCST
3	Civil Engineering	Climate Resilient Concrete for Structures in Marine Environment	Dr. P. N. Hiremath	38	Royal Academy, England
4		Domestic Wastewater Treatment By Ghraphene	Prof. G M Hiremath	0.04	KSCST
5		Microcontroller Kit 80.51/31 Trainer Kit	Dr. M. M Hanamasagar and Dr. S. G. Kambalimath	5.77	TEQIP
6		Enhancing Computational Facilities	Dr. P. N. Kulkarni and Dr. S. S. Injagneri	21.78	TEQIP
7		Compression Testing Machine Servo Control	Dr. P. G. Rakaraddi and Dr. S. G. Kambalimath	19.44	TEQIP
8	Computer Science and Engineering	Enhancing Computational Facilities - Mail Servers	Prof. B. S. Malapur and Dr. S. G. Kambalimath	23.352	TEQIP
9	Electronics and Communication Engineering	Intelligent Authentication Scheme for Internet things	Prof. P.M.Chanal	3	VGST
10		Food Production and Scalability , Technology Innovation, Social Innovation	Mr. Rutwik R Patil	3	NAIN
11		Digitization Of Ticket Checking System In Indian Railway	Dr. A.V. Sutagundar	0.035	KSCST
12		Crack Opneing Doslacement Gauge	Dr. B. G. Shipparamatti and Dr. S. G. Kambalimath	2.30	TEQIP
13		Cyclic Triaxial Testing Machine	Dr. Chayalaxmi C. C. and Dr. S. G. Kambalimath	53.81	TEQIP
14		DAQ Hardware	Dr. P. N. Hiremath and Dr. S. G. Kambalimath	4.37	TEQIP

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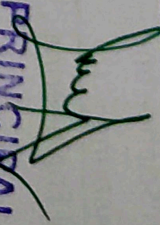
15		RFID Reader, Anti Theft Sticker, RFID Workstation, RFID Handheld Reader, RFID Security Gate, Self Check in Check out Kiosk	Dr. S. G. Kambalimath/Dr. S. G. Karkun	33.9	TEQIP
16	Mechanical Engineering	Making Of Pavement Tiles Using Plastic Waste	Mr. S J Sanjay	0.04	KSCST
17		Fabrication Of Electrical Insulation Tape Cutting Machine	Prof. S. J. Sanjay	0.04	KSCST
18		Smart Composites Structures Research Center	Dr. Shravan B. Kerur	13.1	VGST-KFIST
Total				222.082	
Academic Year 2018-19					
1	Biotechnology	Bioenergy Research, Information and Demonstration Activities	Dr. Bharati Meti	3	KSBDDB
2		Cyanide Reduction by Biosorption Process	Dr. G. B. Megeri	0.065	KSCST
3		Biodiesel Production from Waste Cooking Oil using Immobilization Lipase	Prof. Shilpa K.J.	0.065	KSCST
4	Civil Engineering	Center for Water and Wastewater Research	Dr. V. S. Soraganvi	78.4	KCTU
5	Electrical and Electronics Engineering	PCB Prototyping Machine with Compatible Design Software	Dr. R. L. Naik and Dr. S. S. Injagneri	24.62	TEQIP
6		Enhancing Computational Facilities - 5 KVA Online UPS	Dr. R. L. Naik and Dr. S. S. Injagneri	3.96	TEQIP
7		Enhancing Computational Facilities -Color Digital Copier, Black Digital Copier, Portable Document Scanner, 5 KVA Online UPS	Dr. S. G. Kambalimath and Dr. S. S. Injagneri	11.85	TEQIP
8	Electronics and Communication Engineering	Enhancing Computational Facilities- POE Adapter, 12-U Rack UPS, IP Phone, Wireless Sccess Points, Network Switches	Dr. A. C. Katagiri and Dr. S. S. Injagneri	24.99	TEQIP

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9		Enhancing Computational Facilities		Prof. Kiran Balavalad and Dr.R. N. Herkal	51.69	TEQIP
10	Industrial and Production Engineering	Enhancing Computational Facilities- 3D Scanner, Computing System, Support Cleaning System for Existing FDM 3D Printer		Prof. S. M. Pharsiyawar and Dr. S. Injaganeri	17	TEQIP
11	Information Science and Engineering	Enhancing Computational Facilitie		Prof. Girish Shettar and Dr. S. S. Injaganeri	5.33	TEQIP
12	Mechanical Engineering	Current Practices and Critical Issues for OBE		S.N.Kurbet	5.87	AICTE
Academic Year 2017-18						
				Total	226.7874	
1	Biotechnology	Bioenergy Research, Information and		Dr. Bharati Meti	2	KSBDB
2		Biochemical And Molecular Study Of		Prof. Preeti S K	0.07	KSCST
3	Civil Engineering	Electricity Generation From Sugar Mill		Prof. G. M. Hiremath	0.06	KSCST
4		Liquefaction Potential By Locally Available		Dr. P.G.Rakaraddi	0.06	KSCST
5		Cyanide Remediation By Adsorption And		Prof. Madhumala Y	0.07	KSCST
6	Electrical and Electronics Engineering	Smart Sprayer For Horticulture Crops - An Approach Towards Systematic And Targeted Spraying		Dr. Basanagouda.F. Ronad	0.07	KSCST
7	Electronics and Communication Engineering	Resource Management in Internet of Things		Dr Ashok Sutagundar	5.76	AICTE RPS
8		Smart Gadget For Women Safety Using Iot		Dr. Jayashree D Mallapur	0.06	KSCST
9	Information Science and Engineering	Voice Mail Android Application For Blind Persons		Dr. Lokesh.B. Bhajantri	0.04	KSCST
10	Mechanical Engineering	Comprehensive Experimental Investigations On Combustion, Performance, and Emission Characteristics Of Biodiesel/Oxygen Compounds/Diesel Fuel In A Compression Ignition Engine		Dr Venkanna Belagur	10.72	AICTE RPS

11	Studies On Mechanical Properties Of Coconut Shell Ash Reinforced With Lm25	Prof. B.R.Endigeri	0.05	KSCST
12		Crack Detection Device For Rail Tracks	Dr. Shравan B Kerur	0.08
		Total	19.04	


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