

TEQIP Supported Projects:

Sl.No	Dept	Name of the Faculty	Project Title	Funding Agency	Date of approval	Amount
1	ML	Dr.Vijayalakshmi K	Design and Development of EEG cap and Skin Impedance Measuring System	TEQIP	Feb 2017	1.00
2	ML	Dr.M.S.Suma	Development of microfluidic Impedance Flow Cytometry based cost effective rapid malaria diagnosing System	TEQIP	Feb 2017	1.00
3	ME	Dr. Anilchandra	Fabrication of low cost friction stir welding(FSW)machine	TEQIP	Feb 2017	1.00
4	ME	Sreekanth N V	Development of SLA 3D Printer	TEQIP	Feb 2017	1.00
5	ME	Dr.J.Sharana Basavaraja	Studies on ewly conceptualized pated seal fabricationand testing under static and dynamic condition	TEQIP	Feb 2017	1.00
6	ME	Nirupama Mohan	Design & fabriacation smart wheel	TEQIP	Feb 2017	1.00
7	ECE	Dr.K.P.Lakshmi	Investigations on select te chalcogenides to evaluate their sustainability in sensor applications	TEQIP	Feb 2017	1.00
8	ECE	Dr.B.S.Nagabhushana	Research Investigations on Materials for Anode,cathode,Seperator and electrolytes of lithium ion based cells for electric mobility	TEQIP	Feb 2017	1.00
9	CV	Dr.Suresh Ramaswamyreddy	Water Management System in Government Bus	TEQIP	Feb 2017	1.00

			Departement of Bangalore Phase I			
10	CV	Sri. Sreenivasa Murthy A	Experimental Investigator on Geopolymer Concrete	TEQIP	Feb 2017	1.00
11	CV	Dr.Sakey Shamu	Moving walls in construction	TEQIP	Feb 2017	1.00
12	CV	Dr.R. V.Ranganath	Influence of ultra fine mineral admistures on the properties of concrete	TEQIP	Feb 2017	1.00
13	CV	Dr. S.Raghunath	Development of lime pozzolana-cement geopolymer binders and blocks	TEQIP	Feb 2017	1.00
14	BT	Dr.M.Rajyalakshmi	Study on the role of chalcones as an inhibitor of the hedgehog pathway with special reference to smo	TEQIP	Feb 2017	1.00
15	BT	Dr.Savithri Bhat	Variation in expression of beta-amlyoid protein in SH-SY5Y	TEQIP	Feb 2017	1.00
16	BT	Hadagali Ashoka	Isolation and Purification of vinca alkaloids from endophytaes isolated from catharnathans roseus	TEQIP	Feb 2017	1.00
17	BT	N Prathibha	Study on application of Ginsenoside phystome nanoparticlesl for drug delivery system	TEQIP	Feb 2017	1.00
18	BT	Pradeep S	Applications of shockwaves to enhance the properties of compounds in stevia plant	TEQIP	Feb 2017	1.00
19	R & D	Dr.Gurumurthy Hegde	Carbon Nanomaterial - Porhyrin hybrid as advanced Material for catalytic reactions	TEQIP	Feb 2017	1.00

20	CH	Sri.R.Shivakumar	Experimental investigation of burning behavior of biomass blends in oxy-fuel environment	TEQIP	Feb 2017	1.00
21	CH	Dr.G.Keerthiga	Photococatalytic degradation of environmental pollutants	TEQIP	Feb 2017	1.00
22	CV	Dr.Suresh Ramaswammyreddy	Advanced Irrigation scheduling for sustainable Development	TEQIP II	2016	4.45
23	ME	Dr.J Sharana Basavaraja Sri Rajesh P]	Studies on Newly conceptualized Padded seal fabrication and Testing under static and Dynamic condition (TEST RIG FOR TURBINE TESTING)	TEQIP	2016	7.00
24	ME	Dr. Rammohan Y.S.	Studies on partial slip contacts. (LINEAR RECIPROCATING TRIBOMETER)	TEQIP	2016	14.07
25	ME	Dr. M G Patil	Studies on Fretting corrosion on MMCs.(LINEAR RECIPROCATING TRIBOMETER)	TEQIP	2016	13.57
26	ME	Tataram K Chavan Sri VS Mudakappanavar, R N Ravikumar]	Experimental investigation of Microstructural characteristics and Tribological properties of modified Al-Si alloys solidified under the influence of mechanical vibration (HIGH SPED CAMERA)	TEQIP	2016	7.84
27	ME	Mr G Ugrasen	Machining Studies of Advanced Materials using Wire cut Electric discharge machine (WEDM)	TEQIP	2016	12.93

28	ME	Dr G Giridhar Dr BS Suresh, Dr L Ravikumar and Dr J Sharavanabasavarj]	Develop coatings to enhance corrosion resistance of metals used in underwater applications (SYSTEM OF PULSE REVERSE PRECISION PROGRAMMABLE RECTIFIER)	TEQIP	2016	12.57
29	ME	R Suresh Kumar	High temperature Wear studies of Thermal Barrier Coatings on Babbitt material (HIGH TEMPERATURE PIN)	TEQIP	2016	8.44
30	ME	Dr. Rudra Naik	Thermal Management of Space Electronics using Pulsating Heat Pipes	TEQIP	2016	7.94
31	ME	Sri.Devaraj K Sri.R.Sureshkumar	Optimization of Solar Thermal Storage System	TEQIP	2016	6.20
32	EE	Dr. Lakshminarayana.C	Design and Implementation of Wind Turbine based Intelligent and Efficient Enrgy Harvesting Control System (MICRO WIND TRUBINE TEST RIG)	TEQIP	2016	4.97
33	EE	Dr. Lakshminarayana.C	Wind Turbine Emulator, Generation Unit, DC Micro-Grid Unit, Control & Measurement Unit, Accessories and Solar PV Emulator	TEQIP	2016	16.00
34	EE	Dr. L. Venkatesha	Switched Reluctance Machine (SRM) Drive	TEQIP	2016	9.49
35	EE	Dr. P.Meena Smt R S Geetha	A novel method to demonstrate the effective utilization of renewables on	TEQIP	2016	10.30

			an integrated grid (SOLAR PANELS)			
36	EC	Dr. Veena M.B Dr Sudhindra KR	Development of it driven agronomy for rural india (I-SENSE & BLUMIX)	TEQIP	2016	5.90
37	EC	Mrs.Suma M N Dr Sudindra KR, Dr Prerana Poddar]	Equipment Proposed- Wireless Digital Communication Traning platform, RF power Measurement meter,GSM/ GPRS Module,Laptops (WIRELESS NETWORK & ACCESSORIES)	TEQIP	2016	13.60
38	EC	Sri Harish V Mekali Dr K R Suresh	Design and development of IoT device for smart irrigation	TEQIP	2016	7.00
39	EC	Sri Harish V Mekali [Cis:Dr Indiramma]	Ubiquitous lab assistant system	TEQIP	2016	3.40
40	EC	Dr K P Lakshmi [Cis: Dr A S Arunkumar, Sri Harish V Mekali]	Real Time Health monitoring of flyovers (I-SENSE SENSOR FRAMEWORK)	TEQIP	2016	4.45
41	CS	Dr. Umadevi V [CIs: Ms.Joshi Manisha Shivram (ML)]	Osteoarthritis Disease Diagnosis by Thermal Image Analysis (INFRARED CAMERA)	TEQIP	2016	10.27
42	IS	Dr.Radhika K.R.	Periocular Biometric Data Analytics	TEQIP	2016	12.00
43	IS	Dr.M.Dakshayini	RFID Enabled tracking System	TEQIP	2016	1.0
44	IS	Dr.B.R.Shambhavi	Data Annotation for India Languages	TEQIP	2016	1.5
45	CH	Shivakumar R [CIs: Dr Samita Maitra]	Experimental investigation of burning behavior of biomass blends in oxy-fuel environment (BENCH TOP	TEQIP	2016	4.70

			MUFFLE FURNACE & INDUSTRIAL GAS MIX)			
46	CH	Dr. Chetan A Nayak	Equipment Proposed-a) High Quality water purification system for biochemical analysis b) Digital Viscometer c) Ultra-sonicator d) Siphon Pump with auto sampler for existing UV Visible System	TEQIP	2016	10.00
47	PHY	Smt Lathakumari	Thermoelectrical skutterdite nanomaterials for sustainable energy applications	TEQIP	2016	3.00
48	CHE	Dr. K L Nagashree [CI: Dr Dharmaprakash MS]	Development of ceria/titania doped Zirconia-graphene composites for photocatalysis and energy applications	TEQIP	2016	10.70
49	R & D Centre (CHE)	DR.Madhu.G	Synthesis and Applications of some Novel Derivatives of Isatin and other Indole Alkaloids (Analytical HPLC)	TEQIP	2016	14.30
50	PHY	Sri B L Suresha [CIs:Dr Gurumurthy Hegde]	Optical Storage Material	TEQIP	2016	10.00
51	R & D Centre (CHE)	Dr.Gurumurthy Hegde	Liquid Crystals carbon nanospheres incorporated composite mixture for enhancing phase transition (HEAT STAGE, Glue dispenser & others)	TEQIP	2016	13.30
52	CV	Dr.Suresh Ramaswamyreddy	Advanced Irrigation scheduling for sustainable Development	TEQIP II	2015	1.00
53	BT	Ashok Kumar	Cloning overexpression purification and biochemical	TEQIP	May 2015	16.00

			and biophysical studies on Human Phospholipids Scramblase upon Metal ion binding			
54	BT	Dr.Saisha V	Studies on the in-vitro propogation of Exacum bicolorroxb. And evaluation of its bioactive compounds for treatment of Cancer	TEQIP	May 2015	5.50