

FUNDS APPLIED REPORT (2019-2020)

S. No	Type of the Proposal	Name of the PI	Name of the Funding Agency	Title of the Proposal	Date of Applied	Status	Proposed Amount in Rs.
1.	Workshop	Dr.N.Mohanapriyaa	TNSCST/Dissemination Of Innovative Technology	Electrical Wiring And Safety Awareness For Rural People	14.8.19	-	50,000
2.	Workshop	Dr.K.Venkataramanan	TNSCST/Dissemination Of Innovative Technology	Electrical Wiring And Safety Awareness For Rural People	14.8.19	-	
3.	FDP	Dr.P.Kannan Dr.K.Venkataramanan	Centre For Faculty Development- Anna University	Ic8451-Control Systems(2.12.19-7.12.19)	30.8.2019	Completed (2.12.19-7.12.19)	30,000
4.	Short Term Training Programme Through ICT Mode	Dr.P.Kannan DR.K.Vengataramanan	National Institute Of Teachers Training And Research ,Kolkata	Completed ((18.11.2019-22.11.2019	1.9.2019	Completed (18.11.2019-22.11.2019)	-
5.	Modernization Of Power Electronics And Drives Laboratory	Dr.N.Mohanapriyaa	AICTE-MODROBS	Modernisation Of Power Electronics And Drives Laboratory	28.8.19	-	18,00,000
6.	Modernization Of Power Electronics And Drives Laboratory	Dr.K.Venkataramanan	AICTE-MODROBS	Modernisation Of Power Electronics And Drives Laboratory	28.8.19	-	
7.	Research Scheme	Dr.N.Mohanapriyaa	AICTE-AQIS-Research Promotion Scheme	Optimal Control Design And Sizing Of Hybrid Power Systems Using Fuzzy Optimization Techniques	23.1.2020	-	2,95,000
8.	Short term training	Mr.S.Srinivasan, AP/EEE	AQIS-short term development training program-under the title of	Future development in electrical/hybrid vehicles and energy storage devices	23.1.2020	-	50,000
9.	Faculty Project scheme-TNSCST -DST	Dr.N.Mohanapriyaa, Dr.K.Thenmalar Dr.M.Kalyanasundaram	Project scheme-TNSCST - DST	Dynamic Modeling and Control of a Grid Connected Hybrid Generation System	24.2.2020	-	10,00,000
10.	Faculty Project scheme-TNSCST -DST	Dr.P.kannan DR.K.Venkataramanan	Project scheme-TNSCST - DST	Green and digital agriculture	24.2.2020	-	10,00,000
TOTAL AMOUNT							25,80,000

FUND RECEIVED THROUGH FUNDING AGENCY 2019-2020

S.No	Name of the Investigator	Title of the project and duration	Amount sanctioned (in Rs.)	Funding Agency
1.	Dr.P.Kannan Dr.K.Venkataramanan	Control system	30,000	Anna University
2.	Dr.P.Kannan Dr.K.Venkataramanan	Control system and automation	Through online Mode	NITTTTR (Remote programme,Kolkatha)
3.	Dr.N.Mohanapriyaa	Field Technician (House Wiring) (UPS AND INVERTER)	2,34,600	PMKVY
4.	Ms.A.KarthikeyaniAP/EEE Divya Murugesan –IV-EEE S.Dhivya Bharathi –IV-EEE R.Kokilavani –IV-EEE B.Kowsalya–IV-EEE	Design and Development of hydrogen fuel generator	7,500	TNSCST
5.	Mr.A.Dyaneswaran, AP/EEE Mr.S.Mutharasu, AP/EEE	Field Technician (House Wiring) (UPS AND INVERTER)	2,34,600	PMKVY

DETAILS OF MoU AND INDUSTRY COLLABORATIONS

S. No	Academic Year	Date of the MoU	Name of the Industry	Contact Person & Address with Phone No.	Purpose of the MoU
1	2018-2022	08.02.2019	Skyfi Labs		Hands on training and workshop
2	2019-2021	18.10.2019	Sona College of Technology	Principal, 0427-4099999	Hands on training and workshop
3	2018-2019	30.07.2018	Erode District Small Industries Association (EEDISSIA)	Rasumani & 9443947849	Hands on training and workshop
4	2018-2019	09.08.2017	MTC Global – A Global Think Tank in Higher Education	Professor Bholanath dutta	Hands on training and workshop
5	2018-2021	23.05.2016	Energiteam Technologies Pvt.Ltd, Chennai	Mr.S.senthilkumar	Consultancy & Research Projects
6	2018-2021	11.04.2016	Orbit Controls & Services, Chennai	Mr.S.senthilkumar	Consultancy & Research Projects
7	2018-2021	06.06.2013	Bodhbridge Educational Service Pvt Ltd	Sivakumar & 9003106272	Hands on training and workshop

STUDENTS CONFERENCE DETAILS REPORT (2019-2020)

S.No	Students Name	Name of the Conference Published	Title of the Paper	Date of the conference	Venue
1.	M.Deepika	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Voltage sag reduction by Back Propagation Control Algorithm Using DVR	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Cohesive finest fact apportionment with power system permanence restraint	21 st & 22 nd February	Vivekanandha College of Engineering for Women
			Cuk-sepic Converter Based Hybrid Wind-solar Energy System	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		6 th International Conference of Engineering & Technology (ICET-2020)	Automatic traction motor control using SCADA for conventional loco	5 th March	Selvam College of Technology, Namakkal
2.	R. Esai Thendral	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Sizing and Finest Operation of Battery Energy Storage and Control Architecture of Microgrid Power Quality Management System Using S-FACT	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Optimized process control of battery energy management and control strategy of micro grid power quality supervision system using S-FACTS	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science & Technology	Online energy measurement of smart energy meter using advanced technology	4 th March	Periyar University, Salem
		6 th International Conference of Engineering & Technology (ICET-2020)	Real Time Monitoring And Controlling Co-Generation of Plant Using SCADA In TNPL	5 th March	Selvam College of Technology

3.	T.Gangothiri	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	An Optimization Techniques in Combined Economic and Emission Load Dispatch for Dc Microgrid using Machine Learning	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	A Novel Machine Learning Techniques For DC Micro Grid Using Hybrid Economic And Emission Load Dispatch	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Online energy measurement of smart energy meter using advanced technology	4 th March	Periyar University, Salem
		6 th International Conference of Engineering & Technology (ICET-2020)	Smart energy meter with specialized features	5 th March	Selvam College of Technology, Namakkal
4.	N.Gomathi	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Optimal Power Processing Schemes and MPPT for PV Grid System Using Three Port Converter	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Optimal Power dispensation schemes and MPPT for PV Grid arrangement using three port converter	21 st & 22 nd February	Vivekanandha College of Engineering for Women
5.	K.Indhumathi	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Deep Learning Approach Cum Aggregated Smart Meter Data Based Residential Energy Load Modeling	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Deep Learning Strategy Cluster Smart Meter Statistics Based Residential Power Fill Modeling	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Speed Control and power factor correction using CUK converter fed BLDC	4 th March	Periyar University, Salem
		6 th International Conference of Engineering & Technology (ICET-2020)	Automatic traction motor control using SCADA for conventional loco	5 th March	Selvam College of Technology, Namakkal

6.	D.Nandhini	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Integrated Optimal Facts Allocation With Power System Stability Constraint	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Cohesive finest fact apportionment with power system permanence restraint	21 st & 22 nd February	Vivekanandha College of Engineering for Women
			Cuk-sepic Converter Based Hybrid Wind-solar Energy System	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Drone Based System for Clean-Up the Environment	4 th March	Periyar University, Salem
		6 th International Conference of Engineering & Technology (ICET-2020)	Real Time Monitoring And Controlling Co-Generation of Plant Using SCADA In TNPL	5 th March	Selvam College of Technology, Namakkal
7.	R.Nivethitha	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Comparitive Analysis Of Fuzzy And Sliding Mode Control System For Distributed Hybrid Power System	24 th January 2020	Karpagam College of Engineering, Coimbatore
8.	A.Preethi	-	-	-	-
9.	M.Saranya	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Power Quality Improvement using Pseudo-random Multicarrier PWM for Cascade Multi-level Inverter	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Railway track crack detector using PIC and IR sensor	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Drone Based System for Clean-Up the Environment	4 th March	Periyar University, Salem

		6 th International Conference of Engineering & Technology (ICET-2020)	Smart energy meter with specialized features	5 th March	Selvam College of Technology, Namakkal
10.	S.Shobana	6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	An Optimized Power Quality Improvement of Shipboard Power Systems using Shunt Hybrid Reactor Active Power Filter and Thyristor – Reactor Controller	24 th January 2020	Karpagam College of Engineering, Coimbatore
		6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	Voltage sag reduction by Back Propagation Control Algorithm Using DVR	24 th January 2020	Karpagam College of Engineering, Coimbatore
		National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	An Enhanced Power Quality Development Of Shipboard Energy Methods Applying Power Filter And Switched Capacitor – Thyristor Controlled Reactor	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Drone Based System for Clean-Up the Environment	4 th March	Periyar University, Salem
		6 th International Conference of Engineering & Technology (ICET-2020)	Real Time Monitoring And Controlling Co-Generation of Plant Using SCADA In TNPL	5 th March	Selvam College of Technology, Namakkal
		6 th International Conference on Electrical, Electronics, Instrumentation and Computer Communication(EEICC)-2019	The Novel Approach of ABC Algorithm Based ANFIS Control for PV Integrated Low Voltage Weak Grid System	24 th January 2020	Karpagam College of Engineering, Coimbatore
11.	S.Sivaranjani	National Conference on internet of things, artificial intelligence and 3D printing (AICTE sponsored)	Fusion of ABC and ANFIS controller for grid connected PV system	21 st & 22 nd February	Vivekanandha College of Engineering for Women
		National Conference on Energy Science &Technology	Speed Control and power factor correction using CUK converter fed BLDC	4 th March	Periyar University, Salem

		6 th International Conference of Engineering & Technology (ICET-2020)	Automatic traction motor control using SCADA for conventional loco	5 th March	Selvam College of Technology, Namakkal
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FACULTY PARTICIPATION IN SEMINAR/ CONFERENCES/ FDP/ QIP/ REFRESHER COURSE/ ORIENTATION COURSE

S.No	Name of the Faculty	Date	Title of the programme	Organized by
FDP				
1.	Mr.A.Imthiyas	16.10.19 to 18.10.19	FDP at “Teaching Learning Center”, IIT Madras	PALS
2.	Dr .K.Thenmalar	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
3.	Dr.N.Mohanapriyaa	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
4.	Dr. K.Thenmalar	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
5.	Mr.M.Kayalasundaram	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
6.	Mr. S.Mutharasu	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
7.	Mr. B.Goutham	19.07.2019& 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
8.	Mrs. A.Preethi	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
9.	Mr.S.Srinivasan	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
10.	Mr.T.Sasikumar	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
11.	Mr.R.Manikandan	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
12.	Mr.D.Santhosh KUMAR	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
13.	Mr.A.Johny Renoald	19.07.2019 &	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women

		20.07.2019		
14.	Mr.J.Shanmugasundaram	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
15.	Ms.S.Sree Manjari	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
16.	Ms.S.B.Kayalvizhi	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
17.	Mr.S.mohan	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
18.	A.Imthiyas	19.07.2019 & 20.07.2019	Guru srishti – faculty transformation and effective communication skill	Vivekanandha college of engineering for women
WORKSHOP				
1.	Dr.M.Kalyanasundaram	28.08.2019 & 29.08.2019	Energy Auditing and Management	Dhirajlal Gandhi College of Technology
2.	Mr.S.Srinivasan	28.08.2019 & 29.08.2019	Energy Auditing and Management	Dhirajlal Gandhi College of Technology
3.	Dr.K.Venkataramanan	04.09.2019 & 05.09.2019	Human Digitalization: Future Intelligence	ICT Academy, ISRO, Bangalore
4.	Ms.S.B.Kayalvizhi	04.09.2019 & 05.09.2019	Human Digitalization: Future Intelligence	ICT Academy, ISRO, Bangalore
5.	Mr.D.Santhoshkumar	26.07.2019 & 27.07.2019	Energy audit,Energy conservation and energy management	Dhirajlal Gandhi College of Technology
6.	Ms.A.Preethi	26.07.2019 & 27.07.2019	Energy audit,Energy conservation and energy management	Dhirajlal Gandhi College of Technology
Industrial Visit				
1.	Mr.A.Imthiyas	27.09.19	Saint Gobain, Perundurai	PALS
2.	Mr.S.Srinivasan	11.10.19	Power Gear Pvt Ltd, Chennai	PALS

3.	Mr.S.Srinivasan	07.02.2020	Dalmia Cement, Dalmiapuram Tirchy	PALS
4.	Mr. S.Srinivasan	06.12.2019	Wiztech Automation Pvt Ltd, Chennai.	-
5.	Mr.D.Santhosh Kumar Mr.A.Imthiyas	24.12.2019 to 26.12.2019	TNEB Powerplant – II Nerinchipettai.	-
Awareness Programme				
1.	Dr .K.Thenmalar	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
2.	Dr.N.Mohanapriyaa	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
3.	Dr. K.Thenmalar	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
4.	Mr.M.Kayalasundaram	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
5.	Mr. S.Mutharasu	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
6.	Mr. B.Goutham	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
7.	Mrs. A.Preethi	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
8.	Mr.S.Srinivasan	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
9.	Mr.T.Sasikumar	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
10.	Mr.R.Manikandan	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
11.	Mr.D.Santhosh Kumar	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women

12.	Mr.A.Johny Renoald	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
13.	Mr.J.Shanmugasundaram	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
14.	Ms.S.Sree Manjari	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
15.	Ms.S.B.Kayalvizhi	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
16.	Mr.S.mohan	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women
17.	A.Imthiyas	19.09.19	Awareness Programme on “NAAC Accreditation and Documentation”	Vivekanandha college of engineering for women

FACULTY PUBLICATIONS IN JOURNAL / BOOKS

S. No	Name of the staff	Title of the paper	Name of the Journal/ Book	Vol, Issue, Year	SCI/Scopus Indexed
1.	Mr.D.Santhoshkumar	Stability enhancement of grid by direct power control strategy and fuzzy controller method for the reduction of wind power fluctuation	International journal of information and computing science	July 2019, Issue 7	-
2.	Mr.D.Santhoshkumar	A study of power transformer protection based on V/f ratio using embedded system	International journal of information and computing science	July 2019, Issue 7	-
3.	Ms.A.Preethi	Stability enhancement of grid by direct power control strategy and fuzzy controller method for the reduction of wind power fluctuation	International journal of information and computing science	July 2019, Issue 7	-
4.	Ms.A.Preethi	A study of power transformer protection based on V/f ratio using embedded system	International journal of information and computing science	July 2019, Issue 7	-

5.	Mr.A.Imthiyas	Design of a novel DC Multiplier for Solar PV Energy Applications	International Journal of Innovative Technology and Exploring Engineering	December 2019, Issue 2	Scopus Indexed
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SEMINAR/ WORKSHOP/ FDP/QIP ORGANIZED

S. No.	Date	Name of the Programme	Name/ Address/ Ph. No/ Email ID of Resource Person	No. of Students/ Faculty attended	Organized by
1.	21.08.19	Guest Lecture on “Applications of Electrical Machine in Industries“	Ms.P.Maithili , Assistant Professor, Department of EEE, Kumaraguru College of Technology, Coimbatore.	64 III year EEE	EEE Department
2.	12.09.19	Guest Lecture on “Analysis on Electric Circuits”	Dr.D.Sri vidhya, Associate Professor, EEE, KSR College of Technology, Tiruchengode.	35 II Year EEE	EEE Department
3.	11.10.19	Guest Lecture on “Power Quality Application in Power System”.	Dr.T.R.Sumithira, Assistant Professor / EEE, Govt. College of Engineering, Salem.	111 IV year EEE	EEE Department
4.	21.08.19	Guest Lecture on “Applications of Electrical Machine in Industries“	Ms.P.Maithili , Assistant Professor, Department of EEE, Kumaraguru College of Technology,Coimbatore.	64 III year EEE	Mr.D.Santhosh kumar,AP/EEE,
5.	12.09.19	Guest Lecture on “Analysis on Electric Circuits”	Dr.D.Sri vidhya, Associate Professor, EEE, KSR College of Technology, Tiruchengode.	35 II Year EEE	Ms.S.Sree Manjari, AP/EEE

6.	30.07.19	Competitive exam awareness	Vetri IAS Study Circle, Anna Nagar East, Chennai, Tamil Nadu.	64 III year EEE	CPC
7.	11.10.19	Guest Lecture on “Power Quality Application in Power System”.	Dr.T.R. Sumithira, Assistant Professor / EEE, Govt. College of Engineering, Salem.	111 IV year EEE	Dr.K.Thenmalar, Prof/EEE
8.	12.10.19	One day National Seminar on “Industrial Automation using PLC”	Dr.Geetha Mani,Ph.D., Associate Professor, Department of Control and Automation, School of Electrical Engineering, VIT University, Vellore.	104 III Year & IV year EEE	Mr.D.Santhosh kumar,AP/EEE,
9.	21.10.19	One day Awareness program on “IEEE Memberships and its Opportunities” and Seminar on “Trends in Machine learning for software and Hardware Applications”	Mr. Eugene Kingsley Project Engineer, Wipro, IEEE Volunteer	210 II,III & IV Year EEE	Mr.J.Shanmugasundaram, AP/EEE

10.	12.10.2019	Seminar	One day National Seminar on “Industrial Automation using PLC”	Dr.Geetha Mani,Ph.D., Associate Professor, Department of Control and Automation, School of Electrical Engineering, VIT University, Vellore.	104 III Year & IV year EEE
11.	21.10.19	Seminar	One day Awareness program on “IEEE Memberships and its Opportunities” and Seminar on “Trends in Machine learning for software and Hardware Applications”	Mr. Eugene Kingsley Project Engineer, Wipro, IEEE Volunteer	210 II,III & IV Year EEE

***External Faculty**