

JIT RESEARCH ACTIVITIES

1. FUNDED SEMINAR/WORKSHOPS/FDP'S/PROJECTS

S.No	Name of the PI/Author	Funding Institution/ Organization/ Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)	Department(s)
1.	Dr. C. Sowmya Danalakshmi	ICMR	Seminar	Adverse effects of modern electronic waste and its toxic elements on human health – Current Scenario	18.12.2015	Rs.40,000 Sanctioned	Mr. C. Nithiyeshkumar Mr. R. Dinesh	MECH Event organized on 8 th and 9 th April 2016
2.	Dr. C. Sowmya Danalakshmi	INSA	Workshop	Autonomous Mobile Robots	15.12.2015	Rs. 30,000/- Sanctioned	Mr. S. Muthumanickam	MECH Event organized on 29 th and 30 th April 2016
3.	Mr. Shanmugam, AP/ECE	NBHM	Workshop	Image Processing	10.12.2015	Rs.50,000/- Sanctioned	Mr. Gowtham, AP/ECE Mr. Myilsamy, AP/ECE Ms. Karthiga Ms. Surya	ECE Event organized on 27 th and 28 th May 2016
4.	Dr.R. Senjudarvannan	CSIR	Workshop	One day national workshop on "Numerical methods and Computational challenges in Non-linear dynamics"	18/07/2016	Rs.15,000/- Sanctioned	-	-

5.	Prof.V.Kalpana	Council of Scientific & Industrial Research (CSIR)	Workshop (National Level)	Wireless Sensor Networks – Target Tracking based on Real Time Applications	2 nd Mar 2017	Rs.20,000 Sanctioned	1.Prof.A.Rathika 2.Prof. M.Pavithra 3.Prof.R.Suganya	Computer Science and Engineering
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2. FUNDING PROPOSALS

Department of Computer Science and Engineering

S.No	Name of the PI/Author	Funding Institution/ Organization /Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)	Department
1.	Prof.S.Karthikeyan	Ministry of Electronics and Information Technology (MeitY)	Seminar (National Level)	Integrating ERP with Big Data Tools	15 th May 2017	Under Progress	1. Prof.A.Rathika 2. Ms.S.Jansirani 3.Ms.V.Kiruba Priyadarshini 4.Ms.N.Savitha	Computer Science and Engineering
2.	Prof.M.Kiruthika	Tamil Nadu State Council for Science and Technology (TNSCST)	Seminar (National Level)	Cyber Security – Awareness & Etiquette for women’s safety	3 rd August 2017	Under Progress	1. Prof.A.Rathika 2. Prof.K.Moorthi 3. Prof.G.KrishnaPriya 4. Prof.G.Vijipriya	Computer Science and Engineering
3.	Prof.A.Rathika	Tamil Nadu State Council for Science and Technology (TNSCST)	Conference (National Level)	Recent Advances in Research and Engineering	5 th September 2017	Under progress	1. Prof.S.Karthikeyan 2. Prof.M.Pavithra	Computer Science and Engineering

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	Name of the PI/Author	Funding Institution/ Organization/ Agency/Department	Nature of the Proposal (Research Project/FDP/FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)
1.	Dr. G. Vetrichelvi	INSA	Seminar	Recent Trends In Bioelectronics And Biosignal Processing	29.03.2016	Under Progress	Mrs. P. Sivamani (AP/ECE), Mrs. V. Vidhya Gowri (AP/ECE), Mr. B. Vinothkumar (AP/ECE)
2.	Mrs. P. Sivamani (AP/ECE)	INSA	Seminar	Recent trends in wireless communication and networking	07.12.2015	Under Progress	Mrs. V. Vidhya Gowri (AP/ECE) Mr. Vinoth, AP/ECE
3.	Mr. Bernard, AP/ECE	DRDO	Seminar	High performance computing Architectures	15.12.2015	Under Progress	Mr. Bernard, AP/ECE
4.	Dr. G. Vetrichelvi	SERB	Seminar	Green technology in wireless communication - LiFi	29.03.2016	Under Progress	Mrs. P. Eswari (AP/ECE)
5.	Dr. G. Vetrichelvi	DEITY	Workshop	High performance computing Architectures	In PR R&D	-	Mr. A. Bernard Rayappa (AP/ECE), Mr. S. Karthikeyan (AP/ECE), Mr. S. Saravanan (AP/ECE)
6.	Dr. G. Vetrichelvi	DEITY	Workshop	FPGA Based Industrial System Design	In PR R&D	-	Mr.S.Saravanan, AP/ECE Mr.S.Prakash, AP/ECE
7.	Dr. G. Vetrichelvi	TNSCST	Project Proposal	Intelligent Alcohol, Drowsiness And Accident Identification and Intimation System	30.08.2016	Application Submitted	Saravanan S Susithra A Srinithi S P Suguna M Senthil Kumar M

8.	Dr. G. Vetrichelvi	DST	R&D Proposal	Certain Investigations on Energy Conservation Using Smart Home Technology	17.10.2016	Application Submitted	Mr.S.Saravanan
9.	Dr. G. Vetrichelvi	NAMS	Seminar	Advanced Electronic Systems for Medical Applications	14.07.2016	On Progress	Mr.A.Bernard Rayappa Mr.C.Shanmugam
10.	Dr. G. Vetrichelvi	DST	Seminar	Challenges and Impacts of Big Data Analytic in Signal, Information and Image Processing	01.09.2016	Application Submitted	Mr.C.Shanmugam Mr.A.Bernard Rayappa
11.	Dr. G. Vetrichelvi	CSIR	National Conference	National Conference on Communication, Networking, Technology Interventions in Human Resource Development (NCCNTH)	01.11.2016	Application Submitted	Mr.C.Shanmugam Mr.A.Bernard Rayappa
12.	Dr. G. Vetrichelvi		Seminar	Urban culture Development of Digital India using Li-Fi Technology in wireless communication	09.12.2016	Application Submitted	Mrs.P.Eswari
13.	Dr.G. Vetrichelvi	NSTEDB	Camp	Entrepreneurship Awareness Camp	01-09-2017	Submitted	Mr.P.Gowtham

14.	Dr.G.Vetrichelvi	SERB	Seminar	IOT Interfacing with Embedded Controller	24-05-2017	Submitted	Mrs.V.Vidhya Gowri Mrs.N. Krishna Priya
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.No.	Name of the PI/Author	Funding Institution/ Organization / Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)
1.	Dr.S.Elangovan	ISRO	Seminar	Challenges in Mitigation of EMI on control equipments	17.11.2015	Under Progress	Mr.R. Uthirasamy (AP/EEE)
2.	Mr.R. Uthirasamy	DRDO	Seminar	Research Challenges in improving power quality on solar based systems	17.11.2015	Under Progress	Dr.S.Elangovan, Prof. & Head, EEE
3.	Mrs.T. Meenakshi	MNRI	Seminar	Research perspectives on advanced control techniques for green energy systems	17.11.2015	Under Progress	-
4.	Dr. S. Elangovan	SERC	Seminar	Recent Advancements in Wind and Solar Energy	19.03.2016	Under Progress	M. Surya, S. Sathish Kumar (AP/EEE)
5.	Dr. S. Elangovan	TNSCST	Workshop	Renewable energy based Rural Electrification	-	Under Progress	Mr. P. Ravi Kumar (AP/EEE)
6.	Dr.S. Elangovan	MNRE	Research Project	ANFIS Control Algorithm Based Hybrid Boost Converter Design For Hybrid Renewable Applications	-	Under Progress	Mr.K. Mahendran (AP/EEE)

7.	Dr.S. Elangovan	NBHM	National Workshop	Mathematical modeling and simulation of power electronic applications on power quality enhancement	17.12.2016	Under Progress	Mahendan K
8.	Dr.S. Elangovan	INSA	National Seminar	Research advancements in Power Converters Applications to hybrid Renewable energy systems	waiting for peer review result	-	Mahendran K
9.	Dr.S. Elangovan	MOEF	National Seminar	Environmental impacts of Renewable energy Technologies and possible solutions	waiting for peer review result	-	Meenakshi T Surya M
10.	Dr.S. Elangovan	ICSSR	National Seminar	Challenges in green energy technology deployment for isolated rural regions	17.12.2016	Under Progress	Meenakshi T Surya M
11.	Dr.S. Elangovan	UGC	National Seminar	Awareness on Utilization of biomass for rural electrification	05.01.2017	Under Progress	Ravikumar P
12.	Dr.S. Elangovan	ICSSR	Research Project	Technology Transfer for Agriculturalists by developing a pilot model of solar based low cost automated drip irrigation system	29.11.2016	Under Progress	Meenakshi T Surya M
13.	Dr S.Elangovan	IEEE	National Meet	IEEE hub congress	2 july 2016	India Strategic Initiative-IEEE Head quarters-300USD IEEE Madras Section-Rs15000 IEEE Young Professional affinity group, Madras Section- Rs11000 IEEE Women in Engineering Affinity group, Madras section-Rs2000	

14.	Mr P.Ravikumar	IEEE	Workshop	Hands on Training on MAGNET- Infolytica		IEEE Madras Section –Rs 5000	Dr S.Elangovan
15.	Dr S.Elangovan	IEEE	International Conference	IEEE International Conference On ADVANCES IN ELECTRICAL TECHNOLOGY FOR GREEN ENERGY	May 2016	IEEE Young Professiona l affinity group, Madras Section- Rs5000 Technical Sponsorshi p from IEEE Madras section	Dr T.Meenakshi, Dr S.Sathishkumar
16.	Dr S.Elangovan	Anna University	FDTP	Seven days FDTP on EE6603- Power System Operation and Control	19.10.2016	Anna University approved programme	Dr T.Meenakshi

DEPARTMENT OF MECHANICAL ENGINEERING

S.No	Name of the PI/Author	Funding Institution/ Organization/ Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co- Convener,Supporti ng Faculties position as stated in the proposal)
1.	Dr. C. Sowmya Danalakshmi	DRDO	Seminar	Metaheuristic Techniques	05.11.2015	Under Progress	-

2.	Dr. C. Sowmya Danalakshmi	TNSCST	Seminar	Composite Materials	13.11.2015	Under Progress	Mr. L. Anojkumar
3.	Dr. C. Sowmya Danalakshmi	BRNS	Seminar	Safety and Environmental Advancements of Nuclear Reactors	22.11.2015	Under Progress	Mr. P. Sabarinath
4.	Dr. C. Sowmya Danalakshmi	TNSCST	Popularization of Sciences	Awareness Programme on Safe and Healthy Environment	01.12.2015	Under Progress	Mr. P. Sabarinath
5.	Dr. C. Sowmya Danalakshmi	SERB	Seminar	Metaheuristic Techniques – An Emerging Paradigm in Engineering Optimization	09.12.2015	Under Progress	-
6.	Dr. C. Sowmya Danalakshmi	MNRE	Seminar	Challenges in the Commercialization of Renewable Energy Sources	11.12.2015	Under Progress	Mr. S. Gokul
7.	Dr. C. Sowmya Danalakshmi	TNSCST	Student Project Proposal	Fabrication of pneumatically operated universal tapping machine	18.12.2015	Under Progress	-
8.	Dr. C. Sowmya Danalakshmi	UGC	Workshop	Optimization tools for Engineering Applications – Hands on Training	21-12-2015	Under Progress	-

9.	Dr. C. Sowmya Danalakshmi	GYTI – Techpedia	Project	Fabrication of Cooling Tower for Thermal Performance Enhancement and Reducing material degradation.	22-12-2015	Under Progress	Mr. M Matheswaran
10.	Dr. C. Sowmya Danalakshmi	TNSCST	Workshop	Aerodynamic Modelling Techniques	28-12-2015	Under Progress	Mr. V. Murali
11.	Dr. C. Sowmya Danalakshmi	TNSCST	Seminar	Biomass Based Rural Electrification	8-1-2016	Under Progress	Mr. V. Murali
12.	Dr. C. Sowmya Danalakshmi	SERB	Research Proposal	Design and Optimization of thermal performance enhancement in solar air heaters using artificial roughness with jet impingement	12-1-2016	Under Progress	Mr. M Matheswaran
13.	Dr. C. Sowmya Danalakshmi	ISRO	Seminar	Challenges in implementing disaster management – An Industrial Perspective	25.01.2016	Under Progress	Mr. S. Gokul
14.	Dr. C. Sowmya Danalakshmi	SERB	Seminar	Awareness on the utilization of biomass for rural electrification	27.01.2016	Under Progress	Mr. V. Murali Mr. S. Muthumanickam

15.	Dr. C. Sowmya Danalakshmi	SERB	Seminar	Industrial Drives and Automation using PLC	03.02.2016	Under Progress	Mr. C. Nithiyeshkumar Mr. L. Anojkumar Mr. S. Gokul
16.	Dr. C. Sowmya Danalakshmi	AERB	Seminar	Safety and Environmental Advancements of Nuclear Reactors	03.02.2016	Under Progress	Mr. C. Nithiyeshkumar Mr. S. Gokul
17.	Dr. C. Sowmya Danalakshmi	SERB	Seminar	Lean Manufacturing – An Industrial View	12.02.2016	Under Progress	Mr. D. VasanthKumar
18.	Dr. C. Sowmya Danalakshmi	INSA	Seminar	Challenges in Micro Friction Stir Welding of Thin Plates	22.02.2016	Under Progress	Mr. N. Srinivasan
19.	Dr. C. Sowmya Danalakshmi	UGC	Workshop	Product Modeling, Meshing and Analysis using Hypermesh 16.2 – Hands on Training	01.03.2016	Under Progress	Mr. F. Alexander
20.	Dr. C. Sowmya Danalakshmi	ISRO	Conference	Propulsion Systems Design and Optimization	10.12.2016	Under Progress	Mr.M.Magesh
21.	Dr. C. Sowmya Danalakshmi	CSIR	Conference	Metaheuristic Techniques	03.01.2017	Under Progress	Mr.M.Krishnakumar

22.	Mr.D.Somasundaram	SERB	FDP	Computational Fluid Dynamics	-	Under preparation To be sent during Jan 2017	Dr. C. Sowmya Danalakshmi Mr.M.Krishnakumar
23.	Dr. C. Sowmya Danalakshmi	ISTE	Regional Conference	Modern Trends in Thermal Equipments	-	Under preparation To be sent during Jan 2017	Mr.Vijayaraghavan Mr.Dharshankumar
24.	Dr. C. Sowmya Danalakshmi	DRDO	Seminar	Design and Optimization of Liquid & Solid Propellant systems	-	Under preparation To be sent during Jan 2017	Mr.Akhil K Nandan Mr.Senthilraj
25.	Dr. C. Sowmya Danalakshmi	DSIR	Awareness Programme	Safe and Healthy Environment	24.03.2017	Under Progress	Mr.K.Vijayaraghavan
26.	Dr. C. Sowmya Danalakshmi	TNSCST	Student's Project Scheme	Fabrication of Pneumatically Operated Jack for Automobiles	28.08.2017	Under Progress	-
27.	Dr. C. Sowmya Danalakshmi	CERI	Research Project	Power Generation using solar stirling engine	05.05.2017	Under Progress	Mr.R.Darshankumar

DEPARTMENT OF SCIENCE AND HUMANITIES

S.No	Name of the PI/Author	Funding Institution/ Organization/ Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)
1.	Dr. D. Geethalakshmi	UGC	Workshop	Numerical Methods And Computational Challenges In Nonlinear Dynamics	23.03.2016	Under Progress	Mr. R. SenjudarVannan, Dr. D. Geethalakshmi, Mrs. G. Bhavani, (AP/Physics)
2.	Dr. D. Geethalakshmi	UGC	Workshop	Emerging Applications Of Nanotechnology	21.03.2016	Under Progress	Mrs. G. Bhavani (AP/ Physics), Dr. D. Geethalakshmi (HoD/ Physics), Mr. R. Senjudarvannan, (AP/ Physics)
3.	Dr. D. Geethalakshmi	SERB	Seminar	Recent Innovations In Photovoltaics	In PR R&D	-	Dr. D. Geethalakshmi(AP /Physics), Mrs. G. Bhavani (AP/Physics), Mr. R. Senjudarvannan (AP/Physics)
4.	Dr.P.Meena Sundari	SERC	Seminar	Emerging Trends in Solid Waste Management and Energy Recovery	-	No reply	Mrs.V.P.Radha
5.	Dr.D. GEETHALAKSHMI	SERB-ONLINE	Seminar	One day National level Seminar on "Recent Innovations in Photovoltaics"	19/12/2016	Rejected	-

6.	Dr.R. Senjudarvannan	CSIR	Workshop	One day national workshop on "Numerical methods and Computational challenges in Non-linear dynamics"	18/07/2016	Intimation received to apply online	-
7.	Dr. G. Bhavani	UGC (Youth Development programme)	Workshop	One Day National Workshop on Emerging Applications of Nanotechnology	11/3/2017	Processing	-

DETAILS OF INTER DEPARTMENTAL PROPOSALS

S.No	Name of the PI/Author	Funding Institution/ Organization/ Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convenor, Supporting Faculties position as stated in the proposal)	Departments
1.	Dr. C. Sowmya Danalakshmi	MoWR	Seminar	Awareness Towards Water Pollution And Its Impact On Environment	In PR R&D	-	Mr.Gopalakrishnan AP/Civil	MECH/CIVIL
2.	Dr. C. Sowmya Danalakshmi	MNRE	Project Proposal	Biogas Plant Installation	Under Preparation	-	Dr. Meenasundari, AP/EEE	MECH & S&H
3.	Dr.S.Elangovan & Dr. C. Sowmya Danalakshmi	MNRE	Seminar	Biomass – Promising Technology for Rural Electrification	07.01.2016	Under Progress	Mr. P Ravikumar (AP/EEE)	MECH/EEE

4.	Dr. C. Sowmya Danalakshmi	ICSSR	Seminar	Recent Advancements in Industrial Automation	18.12.2015	Under Progress	Mr. C. Shanmugam, (AP/ECE) Mr. A. BernardRayappa, (AP/ECE)	MECH/ECE
5.	Dr.S.Elangovan	DST	Research Project	Automation of PS-40 Phase Selector Switch Assembly Unit	05.06.2017	Not Selected	Dr. C. Sowmya Danalakshmi	MECH & EEE

DETAILS OF INTER DEPARTMENTAL PROPOSALS

S.No	Name of the PI/Author	Funding Institution/ Organization / Agency/ Department	Nature of the Proposal (Research Project/FDP/ FTP/Workshop/Seminar)	Title of the Proposal	Proposal sent on	Present Status	Remarks (Details of Co-PI/ Co-Convener, Supporting Faculties position as stated in the proposal)	Department (s)
1.	Mr.S.Dhanabal	Defence Research and Development Organization (DRDO)	Workshop (National Level)	Big Data Analytics using R Tool for Real-time Datasets	16 th Dec 2015	Under Progress	1. Ms. J.Uma 2. Mr. K.Moorthi 3. Ms. N.Savitha	Computer Science and Engineering
2.	Dr.E.S.Shamila	Indian Council of Medical Research (ICMR)	Seminar (National Level)	Medical Image Processing Techniques and its Applications	18 th Feb 2017	Not Sanctioned	1. Dr.U.Vijay Shankar 2. Mr.M.Sharrath	Computer Science and Engineering
3.	Prof.V.Kalpana	Indian Space Research Organization (ISRO)	Seminar (National Level)	Advances in Satellite Image Processing and its Applications	29 th Mar 2017	Under Progress	1.Prof.A.Rathika 2.Prof. M.Pavithra 3.Prof.R.Suganya	Computer Science and Engineering