

E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

3.2.1 List of research projects

Academic year 2021-2022

S.No	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Title of the project	Reference No./Dated	Funds in Rupees
1	Dr. S. Chandrasekar	Ministry of Science & Technology- DST, NCSTC division	Improving personal hygiene and inculcating good practices among SC/ST adolescent girls students during their menstrual cycle	CO/B/FP/G67/2021 (C)	24,50,000
2	Dr. S. Ponsadailakshmi	Ministry of Science & Technology- DST, NCSTC division	Improving personal hygiene and inculcating good practices among SC/ST adolescent girls students during their menstrual cycle	CO/B/FP/G67/2021 (C)	24,50,000
3	Dr. M. Chinnadurai,	AICTE- Research promotion scheme	Modelling and fabrication of controllable semiconductor quantum dots for optoelectronic applications	1-9311107442	15,07,500
4	Dr.M. Irshad Ahamed	AICTE- Research promotion scheme	Modelling and fabrication of controllable semiconductor quantum dots for optoelectronic applications	1-9311107442	15,07,500
5	Dr. E. Edward Anand	AICTE- Research promotion scheme	Modelling and fabrication of controllable semiconductor quantum dots for optoelectronic applications	1-9311107442	15,07,500
6	Dr.S.Anakath	AICTE, ATAL-FDP	Distributed network technology and cloud security	22-08-2022	93,000
7	Mr.M.Rajakumaran	AICTE, ATAL-FDP	Distributed network technology and cloud security	22-08-2022	93,000



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1	Dr. Chandrasekar	Department of Science and Technology (DST) (NCSTC)	Awareness among SC and ST students towards water conservation	162110/2020/N CSTC	21,30,000
2	Dr. S. Ponsadailakshmi	Department of Science and Technology (DST) (NCSTC)	Awareness among SC and ST students towards water conservation	162110/2020/N CSTC	21,30,000
3	Dr.S.Manikandan	AICTE SPICES	Learners and Designers Club	10-70/AICTE/ IDC/SPICES/20-21	1,00,000
4	Dr. M. Chinnadurai,	AICTE SPICES	Learners and Designers Club	10-70/AICTE/ IDC/SPICES/20-21	1,00,000
5	P. Anandraj	Sastra University	TCS ion	07-11-2019	62,833


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Academic year 2019-2020

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1	Dr.S.Ramabalan,	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
2	Mr.G.Ganesan@ Subramanian	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
3	Dr.S.Chokalingam,	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
4	Dr.V.Sivaramakrishnan	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
5	Dr.M.K.Mishra	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
6	Dr. M.Chinnadurai	TNSCST	Design and fabrication of semi-circular blade profile structure in vertical axis wind turbine for optimal power generation	TNSCST/ST P- PRG/16/201 8-2019	3,75,000
7	Dr. S.Appavu @ Balamurugan	ICSSR	Automated green smart farming device using IoT and big data analytics for procession irrigation	July 2019	7,00,000

8	R.Mohan Kumar	Perfect IT Solution (Sify)	TN Forest Exam	14-08-2019	45,790
		Perfect IT Solution (Sify)	ONGC Exam	07-11-2019	48,864



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S.No	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Title of the project	Reference No./Dated	Funds in Rupees
1	Dr.S.Appavu @ Balamurugan, Dr. M.Chinnadurai, G.Ganesan @ Subramanian	The Institution of Engineers (India), Kolkata.	Artificial intelligence and deep learning for application inspired engineering research	27-12-2008	10,000
2	G.Ganesan @ Subramanian, S. Manikandan	Indian Society for Technical Education (ISTE)	IOT and its applications using Raspberry Pi	27-09-2018	5,656
3	G. Ganesan @ Subramanian, Dr. Krishnamohan, G. Harinarayanan, G. Sundaravarivel	Indian Society for Technical Education (ISTE)	Highlights of energy auditing in electric and thermal utilities	27-09-2018	6,162
4	G.Ganesan @ Subramanian, J.Vanitha	The Institution of Engineers (India), Kolkata.	IOT for renewable energy	28-01-2019	3,000
5	K.Nandakumar	(TNSCST)	Students project scheme	02-02-2019	7,500
6	M.Anbarasan	TNSCST	Experimental Investigation on Replacement of Reinforcement by using banana fibre and glass fibre with polyester resin	ISTE/SEM/2 018-2019	7,500
7	G.Prakash	ISTE	Experimental study on bitumen pavement using recycled fillers	ISTE/SEM/2 018-2019	1,500
8	T.Adhavanathan	ISTE	Experimental investigation on wood based sandwich panel	ISTE/SEM/2 018-2019	1,500
9	P.Malliga	ISTE	Mechanical properties of fibre reinforced geo polymer concrete using flyash ,GGBS and polypropylene	ISTE/SEM/2 018-2019	1,500

			fibres with a partial replacement of normal sand manufacturing sand		
10	P. Vinotha	MBA	Students project scheme	02-02-2019	7,500
11	Dr.S.Ponsadai Lakshmi	S&H	solar fuel source for carbon dioxide emission free environment	IE, Thanjavur local centre	10,000
12	C.Mathuvanesan & M.Nuthal Srinivasan	The Institution of Engineers (India), Kolkata.	IE Sponsored One day Seminar on Free Space Optical Communication (FSOC)	The Institution of Engineers (India), Kolkata.	10,000
13	R.Mohan Kumar	Perfect IT Solution (Sify)	TN Forest Exam	10-05-2019	72,648
Total					1,44,466


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1	Dr. V. Mohan	AICTE - MODROBS	Modernization of Power electronics Laboratory	9-125/RFID/MOD RB/Policy-1/2016-2017	8,00,000
2	K.Krishnaram, T.SureshPadmanabhan, M.Ramya	CSIR	Hydrogen powered fuel cell vehicle for emission free future India	SYM/9660/18-HRD	20,000
3	G.Ganesan@Subramanian, M. Chinnadurai, S. Ramabalan, S.Chockalingam	ONGC	Bloom Box- The future of Energy in India	KKL/CA/CC/Bloom box/2018	43,500
4	G.Ganesan@Subramanian and Dr. S.Ramabalan	CSIR	Solar forecasting and its energy storage	21-06-2018	25,000
5	G.Ganesan@Subramanian	The Institution of Engineers (India), Kolkata.	Disaster mitigation and management in coastal area of Nagapattinam district	171/217-2018	20,000
6	G.Ganesan@Subramanian	The Institution of Engineers (India), Kolkata.	One day workshop		10,000
7	G.Ganesan@Subramanian	Tamilnadu State Council for Science & technology(TN SCST)	Two days technical workshop on intellectual property rights	03-01-2018	40,000
8	Dr.R.Sivakumar	TNSCST	Students project scheme	27-01-2018	10,000
9	Mr.V.Srinivasan	SOS - Nagapattinam	SOS Children Village	10-08-2017	7,68,000
10	Mr.V.Srinivasan	SOS - Nagapattinam	SOS Children Village	10-09-2017	7,20,000
11	V. Elavarasi	Tamilnadu state council for science and technology	Students project scheme	27-01-2018	10,000

12	R.Mahalakshmi	Tamilnadu state council for science and technology	Students project scheme	27-01-2018	10,000
13	Dr.S.Ramabalan	Indian Society for Technical Education (ISTE) with AICTE	FDP on Emerging trends in autonomous mobile robot	ISTE/AICTE ISTE-FDP/1-3324853262/2018	3,00,000
14	Dr.S.Ramabalan	AICTE	Advances in Research and development of intelligent mobile robot	6-109/RFID/FDP/Policy-1/2016-2017	6,50,000
15	Dr.S.Krishnamohan	AICTE – seminar grant	Sustainable manufacturing	7-16/RFID/SG/Policy-1/2016-2017	1,15,000

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