

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

Research and Development Cell

3.2.1 List of Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years

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 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
2	Dr. M. Chinnadurai, Dr.M. Irshad Ahamed, Dr. E. Edward Anand	AICTE- Research promotion scheme	Modelling and fabrication of controllable semiconductor quantum dots for optoelectronic applications	1-9311107442	15,07,500
3.	Dr.S.Anakath & Mr.M.Rajakumaran	AICTE, ATAL- FDP	Distributed network technology and cloud security	22-08-2022	93,000
4	Dr. Chandrasekar	TCS ion	TNPSC Departmental Exam	17-09-2021	1,00,526
5	Mohamed Naina Maraicar	NSE IT	TNPSC Departmental Exam	01-02-2022	1,09,312
6	I. Arul Prakash	Unacademy	Sponsorship for training	18-02-2022	15,500
Total					42,75,838



Director-R&D cell

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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.Manikandan	AICTE SPICES	Learners and Designers Club	10-70/AICTE/ IDC/SPICES/20 -21	1,00,000
3	P. Anandraj	Sastra University Exam	TCS ion	07-11-2019	62,833
Total					22,92,833



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Academic year 2019-2020

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1	Dr.S.Ramabalan, Mr.G.Ganesan@ Subramanian Dr.S.Chokalingam, Dr.V.Sivaramakrishna n Dr.M.K.Mishra 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
2	Dr. S.Appavu @ Balamurugan	ICSSR	Automated green smart farming device using IoT and big data analytics for procession irrigation	July 2019	7,00,000
3	R.Mohan Kumar	Perfect IT Solution (Sify)	TN Forest Exam	14-08-2019	45,790
4	R.Mohan Kumar	Perfect IT Solution (Sify)	ONGC Exam	07-11-2019	48,864
Total					11,69,654



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Academic year 2018-2019

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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 fibres with a partial replacement of normal sand manufacturing sand	ISTE/SEM/2018-2019	1,500
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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Academic year 2017-2018

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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
Total					35,41,500

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