

**PANIMALAR ENGINEERING COLLEGE DEPARTMENT OF ECE
ACADEMIC YEAR 2018-19
DETAILS OF FUNDED PROJECTS WITH GRANT**

DEPARTMENT OF ECE								
S No.	Financial year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Name of the project	Sanctioned order No.	Sanctioned date	Amount received (in Figures)	Amount received (in words)
1	2018-2019	Dr.B.Bhuvanewari	AICTE	5G Technology driven IOT applications for smart eco sustainable systems	F.NO.83 3/RIFD/ RPS/Policy 1/2017- 2048	05.03.19	9,85,000	Nine Lakh Eighty five Thousand only

DETAILS OF CONSULTANCY 2018-19

S. No.	Financial Year	Principal Investigator	Co- Investiator	Title of Consultancy of project	Organization	Amount receive d (in Rupees)
1	2018-2019	Dr.B.Bhuvaneswari	-	Design and development of CPW meandered antenna for WLAN applicattttions	Adventeon Pvt.Co., Chennai	Rs.10000/-
2	2018-2019	Dr.Uma Maheswari		Self contained Autonomous Quadrotor	Thick India Pvt. Ltd.,Ram Nagar, Coimbatore, Tamil Nadu 641009	Rs.30000/-
3	2018-2019	Mrs.M.Saraswathi		GSM based monitoring and fault detection for uninterrupted power supply	Exotic Power Solutions Private Limited, No.4A, T.V.Nagar Main Road, Mount Poonamalle High Rd, Mugalivakkam, Chennai, Tamil Nadu 600125	Rs.6000/-
4	2018-2019	Mr.G.Elumalai		Medibox-IOT enabled MED alert device	ABE Semiconductor Designs,Ashok Nagar, Chennai, Tamil Nadu 600083	Rs.8500/-

PANIMALAR ENGINEERING COLLEGE DEPARTMENT OF ECE

DETAILS OF CONSULTANCY PROJECT

2017 - 2018

Sl.No	Name of the Staff	Project title	Project Type Research/ Consultancy	Funding agency	Duration	Total Amount
1	Dr.B.Bhuvaneswari Mrs.D.Kalaiyarasi Mrs.S.L.Bharathi	Electric Vehicle controller board	Consultancy	Qmax Private Ltd	1.5 years	12000
2	Dr.B.Bhuvaneswari Mrs.D.Nithya Mrs.N.Pritha	L&C Analysis in PCB board	Consultancy	C System Pvt. Ltd	8 Months	24000
3	Dr.B.Bhuvaneswari Mrs.N.Nithya Mrs.R.Priyadarshni	Magnetic field intensity measurement	Consultancy	Qmax & Tesla Minds	1 year	22000
4	Dr.B.Bhuvaneswari	Fault tolerance analysis	Consultancy	Exotic Power solutions	1 year	45000

	Mrs.M.Saraswathi Mr.N.Chidambaram	of SMPS				
5	Dr.S.Rajakumar Mrs.R.Rajalakshmi Mr.M.Jaiganesh	Image encryption algorithm based on pixel integration	Consultancy	Tech skills systems	5 Months	24,000
6	Dr.D.Selvaraj Mr.G.Elumalai	Face recognition and authentication for warehouse	Consultancy	Nokia India Pvt. Ltd., Chennai	6 Months	65,000
	Mr.R.Jayarajan Mr.J.Gajapathi	monitoring using IoT				
7	Mr.U.Vasudevan Mr.D.Satheesh Kumar Mr.L.Chandrasekar Mr.R.Ganesamoorthy	Sun tracking with PV solar system	Consultancy	Suntastic Solar System Pvt. Ltd.	3 Months	45,000
8	Dr.S. Leones Sherwin Vimalraj	GPS / GSM / GPRS enabled tracking and monitoring wearable device for	Consultancy	Vertec Electronics Pvt. Ltd.	8 Months	35,000

	Mr.S.Shibu Mr.M.Jaiganesh	child security in IoT environment				
9	Dr.S.Deepa MrsJ Jebanazer Mrs.N.Arunpriya	Sixth Sense Technology for Network security Applications	Consultancy	Akademika Lab Solutions	6 months	60,000

2016-2017

Sl.No	Name of the Staff	Project title	Project Type Research/ Consultancy	Funding agency	Duration	Total Amount
1	Dr.B.Bhuvaneshwari Mrs.D.Padmapriya Mrs.A.Trephena Patricia	Bluetooth Antenna	Consultancy	Qmax Private Ltd	6 Months	12500
2	Dr.B.Bhuvaneshwari Mr.S.Shibu Mr.G.Elumalai	High Directive F Antenna & Signal Strength	Consultancy	Qmax Private Ltd	3 Months	23000
3	Dr.B.Bhuvaneshwari Mr.C.Rameshkumar	Wireless Interference Identification	Consultancy	Qmax Private Ltd	7 Months	17500
4	Dr.B.Bhuvaneshwari	Antenna measurements	Consultancy	SVCE and Tesla	2 months	12000

	Mrs.J.Jeneetha Jabanazer Mrs.R.Rajalaksmi			minds		
5	Mr.Jayarajan Mr.C.Ramesh kumar	Automated mass detector on conveyor belt	Consultancy	Packaging Limited	3 Months	60000
6	Dr. A.Rajakumar Mr. Jaiganesh	Automated members counter for godown and mess hall	Consultancy	Jeppiaar Milk Products, Thiruvnan amalai	4 Months	53000

7	Dr.S.leones Sherwin Vimlaraj	Performance evaluation of fading channels in tunnel wireless communication using Finite state markov channel modeling for metro trains	Consultancy	Grain Technolo gies Pvt. Ltd.	1 Year	78,000
8	Dr.S.Deepa Mrs.B.Sathyabhama	Design and Implementation of ultra low power double tail comparator using 0.18 μ m CMOS technology	Consultancy	Anshuma m Tech. Pvt. Ltd, Plot No.13, Stahairya Society, Near Tol Hospital, Karve Nagar, Pune	1 year and 6 months Oct 2015 - Apr 2017	90,000

2015-2016

Sl.No	Name of the Staff	Project title	Project Type Research/ Consultancy	Funding agency	Duration	Total Amount
1	Dr.B.Bhuvaneswari Mrs.B.Sathyabhama Mrs.N.Arunpriya	Resonator Antenna Array	Consultancy	C System Pvt. Ltd	6 Months	17500
2	Dr.B.Bhuvaneswari Mr.M.Jaiganesh	Signal Integrity in PCB	Consultancy	C System Pvt. Ltd	3 Months	24000
3	Mr.R.Jayarajan	Activity monitor	Consultancy	Jeppiaar Cements	3 Months	65000
	Mr.Satheesh kumar	for godown		Ltd., Ariyalur		
4	Mr.R.Jayarajan Mr. J.Gajapathi	Automated ventilation systems for monitoring humidity	Consultancy	Jeppiaar Cements Ltd., Ariyalur	5 Months	53000
5	Dr.S.Deepa	Implementation of PASTA using	Consultancy	Akademika Lab Solutions	5 Months	60000

		Recursive Approach				
--	--	-----------------------	--	--	--	--