

PATENTS

S No	Title of ideas	Inventor Name (Mention whether faculty or student)	Co- Inventor Name	Department	Contact No.	Email
1	Drainage Cover Monitoring System Over lot	Ms M Pavithra Faculty-AP/SCE	Dr A Velayudham Ms S Rajaambika Ms R Ashwini Ms C Roopa Ms R Savitha Ms A Rathika Mr M Sharrath	CSE	7708295689	pavithra.m@jit.ac.in
2	Semicircular duct jet impingement solar thermal energy extractor for air heating system	Dr.M.M.Matheswaran Faculty-ASP/Mech	Dr.L.Anojkumar Dr.M.Muthukumaran Dr.N.Srinivasan Mr.F.Alexander Mr.S.J.Davis Hans Mr.M.Magesh	Mech	9789757178	matheswaran.m@jit.ac.in
3	Contactless Twin Disc With Implanted Magnets And Belted Pulley With Shaft Bearing Arrangement For Energy Harvesting	Dr.T.Meenakshi, Faculty-ASP/EEE	Dr S.Elangovan Dr.K.Mahendran Ms.M.Surya Mr. S.Aravindhan Mr. M.Gokulkannan Mr.R.Tamilselvan Mr N.P.PravinKumar	EEE	9487486286	meenakshi.t@jit.ac.in

4	IoT Employed Flood Alerting System For Ground Bridge	Dr. L . Anoj Kumar, Faculty-ASP/Mech	Dr.M.M.Matheswaran, Mr.K.Maadeshkumar Mr. R. Madhavan Mr. S. Vinothagan Mr. R. Vasanthan Ms. M. Jennifer	Mech	9943570353	anojkumar.l@jit.ac.in
5	Industry Security System using Thermal Scanner, IOT and Ultrasonic Sensor.	Dr. G. Bhavani, Faculty-ASP/Phy	Dr. R. Senjudarvannan Dr. K. Senthamil selvan	Physics	8122062621	senjudarvannan.r@jit.ac.in
6	Solar energy based automatic cow feed (grass type) cutting machine.	Dr.K.Mahendran, Faculty-ASP/EEE	Dr.T.Meenakshi Mrs.M.Surya Dr.S.Elangovan	EEE	9787091910	mahendrank@jit.ac.in
7	Dual Powered Transformer Less Multi-Output Portable Electronic Workstation using Solar Photovoltaic Panels	Dr.P.Gowtham , Faculty-ASP/ECE	Mrs.P.Eswari Dr.C.Shanmugam Mrs.N.Krishnapriya Mrs.P.Sivamani Dr.R.Senjudarvannan	ECE	9843626549	gowthamece@jit.ac.in
8	Standalone oxygen generating mask for urban air pollution	Mrs.P.Eswari, Faculty-ASP/ECE	Dr.P.Gowtham Dr.C.Shanmugam Mrs.N.Krishnapriya	ECE	9500699944	eswari.p@jit.ac.in

	using Pyro-piezo-tribo-nano electric generator					
9	Smart Solar Energy Management System Based On Weather Data Using IoT	Dr A Velayudham, Faculty-Prof/CSE	Ms M Pavithra Ms S Rajaambika Ms R Ashwini Ms C Roopa Ms R Savitha Ms A Rathika Mr M Sharrath	CSE	94435 95888	hodcse@jit.ac.in
10	Smart Sustainable Agriculture Solution Using Iot And Ai Towards Effective Cultivation	Dr A Velayudham	Dr A Velayudham Ms M Pavithra Ms S Rajaambika Ms R Ashwini Ms C Roopa Ms R Savitha Ms A Rathika Mr M Sharrath	CSE	94435 95888	hodcse@jit.ac.in