

**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF ECE**  
**LIST OF PATENTS PUBLISHED IN IPR JOURNAL**

S.No	Academic Year	Name of the Faculty	Dept	Patent Title	Patent Status	Patent No.	Published on
1	2020 - 2021	Dr S Arun Ms G Premalatha Dr. R.THAGARAJAN	ECE &CSE	Assisting mentally retarded children and engaging them virtually using intelligent robot in voice recognition using IOT	Applied	202141019751	
2		Dr S Arun Dr.S.PadmaPriya Dr K Sathiyasekar Dr. R.THAGARAJAN	EEE ECE &CSE	An Novel method for Empowering Edge Computing for source Allocation Based Learning for Industrial IOT	Australian Granted	2021101292	06.05.2021
3		Dr S Arun Dr.S.PadmaPriya	ECE &CSE	Determination of Soil Nutrients and PH level using Deep learning and IOT	Published	202141010993	19.3.21
4		Dr.Arun Dr.S.PadmaPriya	ECE CSE	Secure communication among lot Devices through IoT Coin Operation System	Granted	2020102441	12-11-2020
5		Dr S Arun Dr.S.PadmaPriya R Thiagarajan,	ECE CSE	A Novel method to transmit the electronic medical records in secure cloud environment using Block chain Encrypted data sharing	Published in IPR journal	202041017312	05-06-2020
6		Dr S Arun Dr.S.PadmaPriya	ECE CSE	An approach for empowering edge computing for source allocation based learning for industrial IoT	Published in IPR journal	202041023028	16/06/2020
7		Dr S Arun Dr.S.PadmaPriya	ECE CSE	An approach for high speed and secure back propagation learning using upright partitioned data with IoT	Published in IPR journal	202041022294	16/06/2020
8	2019- 2020	Dr.S.Arun	ECE	A Smart secured self powered and located fixed POD for enabling location to infants	Published in IPR journal	202041002997	30 <sup>th</sup> Jan,2020
9		Dr.S.Arun	ECE	Continuous Energy Supply to house hold applications through Un interrupted power meter	Published in IPR journal	201941052558	20 th Dec,2019
10		Dr.S.Arun	ECE	Experimental analysis of a solar cooker with a parabolic trough enhanced with pcm based thermal store	Published in IPR journal	201941044051	31 <sup>st</sup> Oct 2019
11		Dr.S.Arun	ECE	Classification of Dylexia children using machine learning	Published in IPR journal	201941041975	25 <sup>th</sup> Oct 2019
12	2018- 2019	Dr.S.Arun	ECE	Design And Implementation Of Prepaid Led Luminaire Control Using IR Remote	Published in IPR journal	201841028247	28 <sup>th</sup> Dec 2018
13		Dr.S.Arun	ECE	Hidden Camera Destroyer Using Emp	Published in IPR journal	201841028245	03 <sup>rd</sup> may 2019
14		Dr.S.Arun	ECE	Implemented Of Vedic Divider By Using VLSI to Reduce Power And Increase Speed	Published in IPR journal	201941011450	29-03-19