



A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

Research patents (IPR) obtained during the last five years						
SL.NO.	Name of the Teacher/s	Title	Application Number	Patent Filed Date	Published Date	Status
2023-2024						
1	Dr. Laxmi Gullapogol	AN ADAPTIVE NOISE REDUCTION SYSTEM FOR ENHANCED AUDIO SIGNAL CLARITY	202421024990	27-03-2024	03-05-2024	Published
2	Dr. Gnanesh Swarnadh Satapathi	AIR PURIFIER	412085-001	30-03-2024	10-05-2024	Granted
3	Dr. Gnanesh Swarnadh Satapathi	Medical Injector Pen	396155-001	27-09-2023	10-11-2023	Granted
4	Dr. Rajesh Rai, Dr. Gnanesh Swarnadh Satapathi	3D Printed Filament Maker	419828-001	12-06-2024	02-08-2024	Granted
5	Dr. Gnanesh Swarnadh Satapathi, Dr. Ranjan Kumar Mahapatra, Manjukiran B	SMART SPIROMETER	202341060796	11-09-2023	24-05-2024	Published
6	N. Arul	Evaluating voice controlled smart home security and automation systems powered by IOT	202421011327	19-02-2024	22-03-2024	Published
2022-2023						
1	Dr. Amarnatha Shetty	Image Processing based Expert System for Bill of Materials Calculations for Civil Structures	202331000501	01-04-2023	01-06-2023	Published
2	Dr. Amarnatha Shetty	A Concrete Wall and Ceiling Strength Monitoring System That Makes Use Of The Internet Of Things (IOT) and Is Based On Resistive Imbibed Mesh Sensors	202321014215	2-3-2023	17/3/2023	Published
3	Dr. Pushparani Malavalli Kullegowda	Assorted Wireless Charging Power Adapter	6259175	22/02/2023	21/02/2023	Granted
4	Dr. Pushparani Malavalli Kullegowda	Compact Server with IOT	373990-001	19/01/2023	11-11-2022	Granted
5	Dr. Gnanesh Swarnadh Satapathi	A Switch Board Unit to Provide Wireless Switching Operations for Electrical Appliances	400975	20-08-2021	08-07-2022	Granted
2021-2022						
1	Dr. Shantharama Rai C	Smart System for The Menstrual Cup Using Machine Learning	202141054514	25-11-2021	10-12-2021	Published
2	Mr. Kiran Kumar V.G	System for Hardware Acceleration for Embedded Flash Memory Based on Machine Learning	202141020170	03-05-2021	07-05-2021	Published
3	Dr. Gnanesh Swarnadh Satapathi	BITTI ASTITA NAGARATA NISTANTRI SAMVIDHA - A wall mounted smart wiring system	2021106337	21-08-2021	25-11-2021	Granted
2020-2021						
1	Dr. Gnanesh Swarnadh Satapathi	ABHIGNA VIDYUT SAMPUTAH – A SMART ELECTRIC EXTENSION BOX	202141037910	01-08-2021	06-08-2021	Published
2	Dr. Gnanesh Swarnadh Satapathi	PARINATA VIDYUT SAMYUTANAM - An advanced electric extension box	2021104789	01-08-2021	02-12-2021	Granted
3	Mr. Basappa B Kodada, Mr. Avaneesh A, Dr. Antony P J, Mr. Rakshit Shetty and Mr. Nayana Krishna P	Internet of Things Sensors based Intelligent Door Security System for Smart Home Security	202041028141	02-07-2020	17/07/2020	Published