



## Department of Computer Science and Engineering

### List of Patents

S.No.	Title of the Patent	File Number	Date	Names of the Patenter	Status
<b>2022-23</b>					
1.	An Artificial Intelligence (AI) Network Based-Host Intrusion Detection System for IOT Devices	202341029324 A	05/05/2023	B.Padma Vijetha Dev	2023 Published
2.	Fractional-Order Polar Harmonic Transforms with Funk Singular Value Decomposition for Secure Image Watermarking Technique	202341007288 A	10/02/2023	Dr. Neha Nandal	2023 Published
3.	Advanced Embedded Technology And Machine Learning Based Medical Waste Segregation System	202341002758 A	27/01/2023	C. Sravani	2023 Published
4.	System and Method for Enabling Internet of Things – Based Viscosity Alert System	202341000354 A	20/01/2023	Dr P.Varaprasada rao	2023 Published
5.	Implementation of Machine Learning Techniques For Attack And Anomaly Detection In Internet Of Things (IOT)Sensors And Sites	202241073450 A	06/01/2023	Mallikarjuna Rao Gundavarapu	2023 Published
6.	Design Study Of Hydraulic Fixture For Cylinder Head Machine	202241073496	30/12/2022	Dr. Y. Krishna Bhargavi	2022 Published
<b>2021-22</b>					
1	Medical data security using cryptography with wireless network environment	202241007181	10/02/2022	Dr. B. Srinivasa Rao	2022 Published
2	Machine Learning Model For Predicting Severity Prognosis In Patients Infected With COVID-19	202141032115	13/08/2021	Dr. G. Karuna Dr. Y. Vijayalata Dr G N Beena Bethel Dr Ashlin Deepa R N	2021 Published
<b>2020-21</b>					
1	DIP-Intelligent Neural Networks:Digital Image Processing Using Intelligent Neural Networks System	2021101072	14/04/2021	Dr. K. Anuradha Dr. G. Karuna	2021 Granted



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2	Cloud Data Performance Measurement Using Sensor based Machine Learning Techniques	202041056738	15/01/2021	Dr.PadmalayaNayak	2021 Published
3	An Effective Mechanism using smart Belt to prevent school Children Abduction	202041055573	25/12/2020	Dr.A.Sai Hanuman	2020 Published
4	A Generic Framework for Multi Model Document Image Analysis	202041044919	30/10/2020	Dr.A.Sai Hanuman	2020 Published
5	ICDN- Object Detection System: Intelligent Object Detection System With Image Classification And Deep Neural Networks	202041047669	13/11/2020	Dr.G.Karuna	2020 Published
6	Identification of missing person/criminal/if any based-on internet of things (iot) and deep learning techniques	202041042967	09/10/2020	Dr.G.Karuna	2020 Published
7	IoT-Based Micropayment Protocol for Wearable Devices with Unique Verification	2020101863	09/09/2020	K.SudheerBabu	2020 Granted
8	NIBT-Fire Detection: Fire detection and notification using IOT based technology	2020102097	23/09/2020	Dr.PadmalayaNayak Dr.Surbhi Gupta	2020 Granted
9	Twitter Sentiment Analysis using Machine Learning on Angular 8 Programming	202041033432 A	04/09/2020	Dr.K.Kavitha	2020 Published
10	Intelligent room disinfecting (covid19) room air using machine learning system	202041026126 A	24/07/2020	S.BhargaviLatha	2020 Published
11	ation for database strators (SONIDBA)	202041026317 A	03/07/2020	Dr.G.Ramesh	2020 Published





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2019-20					
1	Method for design of current differencing buffered amplifier using computing device	201911023802 A	05/07/2019	Dr.G.R.Sakthidharan	2019 Published
2018-19					
1	Fuzzy neural network based PID control System and method thereof for industrial process control	201941024479 A	28/06/2019	Dr.P.ChandraSekhar Reddy, Dr.G.R.Sakthidharan, Dr. K.Kavitha	2019 Published
2	High efficient wind-solar-diesel hybrid system & Method thereof for application in remote areas	201911023126 A	21/06/2019	Dr. P.ChandraSekhar Reddy	2019 Published
3	Method for detecting anti patterns in web services and business processes	201941014136 A	26/04/2019	Prof.Ch.Mallikarjuna Rao, Dr.G.Ramesh, Dr.A.Sai Hanuman, Dr.B.SankaraBabu	2019 Published
4	Operating and control system for a trike vehicle	201841031240 A	31/08/2018	Dr. G.Ramesh, Dr.K.Madhavi	2018 Published
5	Device to regulate flow of fluid and method employed thereof	201841031241 A	31/08/2018	Dr.G.Ramesh, Dr.Ch.Mallikarjuna Rao	2018 Published
6	System and method for generating electric power to an electric vehicle	201841031239 A	31/08/2018	Dr.P.Varaprasada Rao, Dr.S.Govind Rao	2018 Published
7	System and method for monitoring and providing electric power to power unit	201841031627 A	31/08/2018	Dr.P.Varaprasada Rao, Dr.S.Govind Rao	2018 Published



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2017-16					
1	Methods and Systems for Genomic Prediction of Chromosome	201741033425 A	29/09/2017	Dr. Katari Butchi Raju	2017 Published
2	Systems and Methods for Genomic Prediction of ORYZA SATIVA	201741015843 A	12/05/2017	Dr. Katari Butchi Raju	2017 Published
3	Process For Data Confidentiality Using Probabilistic Cryptographic Technique	976/CHE/2015 A	10/04/2015	Dr.P.Vijayapal Reddy	2015 Published
4	A Model For data Secrecy Using Hybrid Cryptographic Technique	1905/CHE/2015	24/04/2015	Dr.P.Vijayapal Reddy	2015 Published

  
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