



**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**LIST OF PAPER PUBLICATIONS IN JOURNAL**  
**ACADEMIC YEAR 2021-2022**

SL. NO.	NAME OF THE FACULTY	TITLE OF THE PAPER	INTERNATIONAL JOURNAL /CONFERENCE	YEAR OF PUBLICATION	DOI/URL
1	Dr S PADMAPRIYA	Management of Encrypted Data and De-Duplication of Big Data in Cloud Computing	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725422">https://doi.org/10.1109/ICAC3N53548.2021.9725422</a>
2	Dr S PADMAPRIYA	Categorizing the Heart Syndrome Condition by Predictive Analysis Using Machine Learning approach	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725422">https://doi.org/10.1109/ICAC3N53548.2021.9725422</a>
3	Dr S PADMAPRIYA	Medical Image Processing from Large Datasets Using Deep Learning	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725513">https://doi.org/10.1109/ICAC3N53548.2021.9725513</a>
4	Dr S PADMAPRIYA	A High Energy Efficient Approach for Handling Dynamic Network Using AOMDV Routing Protocol	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725500">https://doi.org/10.1109/ICAC3N53548.2021.9725500</a>
5	Dr S PADMAPRIYA	Preserving Privacy Scheme Using Data-CAAC Mechanism in E-Health Based on Hybrid EdgeComputing	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725544">https://doi.org/10.1109/ICAC3N53548.2021.9725544</a>
6	Dr S PADMAPRIYA	Task Clustering and Scheduling in Fault Tolerant Cloud Using Dense Neural Network	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725605">https://doi.org/10.1109/ICAC3N53548.2021.9725605</a>
7	Dr S PADMAPRIYA	Detection of Stomach Cancer Using Deep Neural Network in Healthcare Sector	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725656">https://doi.org/10.1109/ICAC3N53548.2021.9725656</a>
8	V R KAVITHA	Optimization Based Vector Quantization for Data Reduction in Multimedia Applications	Tech Science press	Sep-21	<a href="https://www.techscience.com/iase/v31n2/44518">https://www.techscience.com/iase/v31n2/44518</a>
9	V R KAVITHA	Design of IoT Network using Deep Learning-based Model for Anomaly Detection	2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	Dec-21	<a href="https://doi.org/10.1109/I-SMAC52330.2021.9640700">https://doi.org/10.1109/I-SMAC52330.2021.9640700</a>
10	Dr.M.GOPIKRISHNAN	Machine learning based Predictive Modeling of Plasma Treatment in Biomedical Surfaces	2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Mar-22	<a href="https://doi.org/10.1109/ICAIS53314.2022.9743031">https://doi.org/10.1109/ICAIS53314.2022.9743031</a>
11	Dr.M.GOPIKRISHNAN	Automatic Detection of New Vessels in Retinal Photographs using Machine Learning	Open Access proceedings Journal of Physics: Conference series	2021	<a href="https://doi.org/10.1088/1757-899X/1187/1/012030">doi:10.1088/1757-899X/1187/1/012030</a>
12	B GUNASUNDARI	Categorizing the Heart Syndrome Condition by Predictive Analysis Using Machine Learning approach	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725725">https://doi.org/10.1109/ICAC3N53548.2021.9725725</a>
13	B GUNASUNDARI	A High Energy Efficient Approach for Handling Dynamic Network Using AOMDV Routing Protocol	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725500">https://doi.org/10.1109/ICAC3N53548.2021.9725500</a>

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14	B GUNASUNDARI	Preserving Privacy Scheme Using Data-CAAC Mechanism in E-Health Based on Hybrid EdgeComputing	3rd IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-21)	Mar-22	<a href="https://doi.org/10.1109/ICAC3N53548.2021.9725544">https://doi.org/10.1109/ICAC3N53548.2021.9725544</a>



**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**PATENT PUBLISHED**  
**ACADEMIC YEAR 2021-2022**

SL. No.	Title of ideas	Inventor Name	Patent Status	Application Number	Application Filed Date	Published date
1	SMART REDEEMERS-REAL TIME DETECTION OF MENTAL HEALTH, EMOTIONS, DEPRESSION AND SUICIDAL IDEATION	Dr.V.R.Kavitha Dr.Gopikrishnan Dr.S.Padma Priya Dr.Nalini Mr.W.Thamba Meshach Ms.R.Kannamma Ms.B. Gunasundari Ms.S.Famitha Ms.V.Anithalakshmi Ms.N.SriPriya Mr.K.Shankar Mr.I.Mohan Ms.R.Meena Ms.Gunagayathri Ms.Soumya	Published in IPR Journal	202241006380	2022-07-02	25-02-2022

SL. No.	Title of ideas	Inventor Name	Patent Status	Application Number	Application Filed Date	Published date
2	REAL TIME HUMAN ACTION MONITORING USING POSEESTIMATION	Dr.V.R.Kavitha Dr.Gopikrishnan Dr.S.Padma Priya Dr.Nalini Mr.W.Thamba Meshach Ms.R.Kannamma Ms.B. Gunasundari Ms.S.Famitha Ms.V.Anithalakshmi Ms.N.SriPriya Mr.K.Shankar Mr.I.Mohan Ms.R.Meena Ms.Gunagayathri Ms.Soumya	Published in IPR Journal	202241009873	24-2-2022	11-03-2022

SL. No.	Title of ideas	Inventor Name	Patent Status	Application Number	Application Filed Date	Published date
3	FINDING HACKING FRAUD IN WEB APPLICATION ADVERTISEMENTS USING THE FRAUDEDTECTION ADSHER LOCK METHOD	Dr.V.R.Kavitha Dr.Gopikrishnan Dr.S.Padma Priya Dr.Nalini Mr.W.Thamba Meshach Ms.R.Kannamma Ms.B. Gunasundari Ms.S.Famitha Ms.V.Anithalakshmi Ms.N.SriPriya Mr.K.Shankar Mr.I.Mohan Ms.R.Meena Ms.Gunagayathri Ms.Soumya	Published in IPR Journal	202241009874	24-2-2022	11-03-2022
4	.	Dr.V.R.Kavitha Dr.Gopikrishnan Dr.S.Padma Priya Dr.Nalini Mr.W.Thamba Meshach Ms.R.Kannamma Ms.B. Gunasundari Ms.S.Famitha Ms.V.Anithalakshmi Ms.N.SriPriya Mr.K.Shankar Mr.I.Mohan Ms.R.Meena Ms.Gunagayathri Ms.Soumya	Published in IPR Journal	202241009875	24-2-2022	11-03-2022

<b>SL. No.</b>	<b>Title of ideas</b>	<b>Inventor Name</b>	<b>Patent Status</b>	<b>Application Number</b>	<b>Application Filed Date</b>	<b>Published date</b>
5	PRISON MANAGEMENT SYSTEM (TRACKING AND CONTROL OF INMATES INSIDE THE JAIL)	Dr.S.PadmaPriya	Published in IPR Journal	202241009863	24-02-2022	3/11/2022



**PRATHYUSHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**FUNDS RECEIVED**  
**ACADEMIC YEAR 2021-2022**

S.No.	Academic year	Name of the Programme	Principal Coordinator	Department	Funding Agency	Amount in Rs.	Year
1	2020-2021	ATAL Online FDP	Dr.S.Padmapriya	CSE	AICTE	97000.00	July-2021
<b>TOTAL FUNDS RECEIVED (2021-2022)</b>						<b>97000.00</b>	