

**Geethanjali College of Engineering and Technology**  
**Department of Computer Science and Engineering –**  
**Artificial Intelligence and Machine Learning**

**Patents for A.Y. 2024-25**

<b>S No</b>	<b>Name of the faculty</b>	<b>Title Of The Patent</b>	<b>Application Number</b>	<b>Month &amp; Year Of Filling</b>	<b>Month &amp; Year Of Publication</b>	<b>Application Status</b>	<b>Field Of Invention</b>	<b>Type of Patent</b>	<b>National/International</b>
1	M.Supriya	Artificial Intelligence Based Street Light Controller	423577-001, Serial No. : 179583	18/07/2024	02/09/2024	Published	Design pament	Design pament	National
2	K.Naresh Babu	Ai Based Device For Measuring Nerve Damage To Diabetic Neuropathy	429755-001	09-09-2024	4/11/24	Published	Design pament	Design pament	National
3	Dr. B. Adithya	Integrating Dna Computation With Fragment Assembly: A Genomic Approach To Complex Problem Solving	202441050633	18/7/2024	09-08-2024	Published	Utility patent	Utility patent	National
4	Dr. B. Adithya	Innovative Approaches To Preventing Catastrophic Forgetting In Transformer-Based Text Classification	202441054782 A	18/7/2024	09/08/2024	Published	Utility patent	Utility patent	National
5	K.Naresh Babu	Automated Child Attention Detection System Through Facial Expression Using Support Vectormachine (Svm) Algorithm	202441058905 A	3-8-2024	9-8-2024	Published	Utility patent	Utility patent	National
6	Dr. G. Bindu Madhavi	Ai-Driven Personalized Treatment Optimization System For Diabetes	202441095403	4-12-2024	13-12-2024	Published	Utility patent	Utility patent	National

7	G.Ramakrishna	Hybrid Neural Network And Fpga-Based System For High-Speed Image And Video Processing	202541007564	29-01-2025	07-02-2025	Published	Computer Science	Utility patent	National
8	Shaik Akbar	Early Brain Tumor Detection Using Iotbased Medical Imaging And Machine Learning	202511047108	May,2025	May,2025	Published	Computer Science and Medical	Utility patent	International
9	V Rakeshdatta	Image-Based Identification And Classification Of Crop Diseases Using Machine Learning Techniques To Improve Agricultural Yield	202541049246	May 2025	June 2025	published	Computer Science	Utility patent	National
10	K Naresh Babu	System And Method For Efficient Data Compression Using Artificial Intelligence And Machine Learning	202541026557	22/03/2025	11/04/2025	published	Computer Science	Utility patent	National
11	Dr.K.Arptha	AI driven Biomedical application of Carbon quantum dots for wound healing and infection control	202511025653	20/03/25	20/03/25	published	AI	Utility patent	National
12	Mr.Vedavyas	An AI-Enabled system for predicting chronic disease onset using multi model health care data	202541022990	28/3/25	28/3/25	published	AI	Utility patent	National