

**Department of AI&DS Patent Details (2024-25)**

S. No.	Title	Application Number	Status	Faculty Members
1	Terahertz-Enhanced Qi Wireless Charging System with AI-based Power Optimization	202541024009	Published and awaiting examination	Ms Aida Jones Dr. M Krishnamurthy
2	VetLens: An Automated Grading of Canine Cataracts via Mobile Image Analysis	202541000343	Published and awaiting examination	Ms Aida Jones
3	Advanced Brain Tumor Classification using Hybrid Dimensionality Reduction and Deep Learning	202541048883	Filed	Ms Aida Jones
4	Next-Gen AI System for Automated Diabetic Retinopathy Screening and Classification	202541040704	Published and awaiting examination	Ms Aida Jones
5	AN AI PEN PEN WITH REALTIME HANDWRITTEN CHARACTER RECOGNITION AND MATH SOLVER	202541024006	Published and awaiting examination	Ms Arthi D Dr. M Krishnamurthy
6	Design and Development of DL-CNN based Smart NICU	202541024011	Published and awaiting examination	Ms Arthi D Dr. M Krishnamurthy