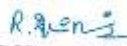# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PATENT PUBLICATIONS (2023-2024)

S.No	Title of the Patent	Indian / Australian	Patent Published date	Granted Yes/No	Publication No/Grant Number
1	MEDICAL INSTRUMENT FOR MONITORING RESPIRATORY DISEASE	Indian	20/07/2023	Yes	390717-001
2	EDGE DETECTION IN DENTAL RADIOGRAPHS USING GENERALIZED TYPE 2 FUZZY LOGIC SYSTEM	Indian	10-11-2023	No	202341075074 A
3	AN EDGE-CLOUD INTEGRATED PRIVACY-PRESERVING HEALTHCARE SYSTEM FOR PARKINSON'S DISEASE PREDICTION AND CLASSIFICATION	Indian	24/11/2023	No	202341070297 A
4	A SYSTEM FOR ANALYSIS OF CRITICAL CRISIS MANAGEMENT FACTORS USING MACHINE LEARNING	Indian	22/09/2023	No	202341036235 A
5	AI BASED CONTACTLESS WELLNESS AND VITAL SIGN SHORT TERM MONITORING SYSTEM FOR THE ELDERLY PATIENTS	Indian	24/11/2023	No	202341072769 A
6	DEEP LEARNING FRAMEWORK FOR AUTONOMOUS VEHICLES	Indian	05-01-2024	No	202341082675 A
7	A FRAMEWORK FOR OPEN SOURCE GEN AI LLM AND DIFFUSION BASED MODELS USING COMPRESSION AND OPTIMIZATION	Indian	05-01-2024	No	202341089262 A
8	AN EFFICIENT RAINFALL IRRIGATION SYSTEM	Indian	05-01-2024	No	202341081782 A
9	VOICE ASSISTANT FOR APHASIA PATIENTS	Indian	05-01-2024	No	202341081785 A
10	AN ENHANCED GESTURE RECOGNITION FOR ADAPTABLE HUMAN COMPUTER INTERACTION USING DEEP LEARNING APPROACH	Indian	23/02/2024	No	202441002645 A
11	AUTOMATIC BRAKE ASSIST SYSTEM	Indian	05-01-2024	No	202341081779 A
12	MED-X	Indian	05-01-2024	No	202341081783 A
13	AUTOWASRO	Indian	05-01-2024	No	202341081781 A
14	LIQUID QUALITY MONITORING SYSTEM	Indian	05-01-2024	No	202341081786 A
15	AUTOMATED ARDUINO CAR	Indian	05-01-2024	No	202341081784 A

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