

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF PATENTS

Sr No	Name of Applicant	Patent Title	Filed/granted
1	Abhay S. Gandhi	Wireless power transfer to computer mouse through mutual inductance	Filed
2	A. Kothari	Automated Head position detection in computer Tomography from scout Images	Filed
3	A. Kothari	Wireless Health and Saline Monitoring System	Filed
4	A. Kothari	Patent filing & drafting services for Humanoid Robot	Filed
5	Joydeep Sengupta and Vinay Kumar	Wireless sensor Networks for Smart Temperature and Humidity Control and Monitoring	Filed
6	Joydeep Sengupta and Vinay Kumar	Design and Implementation of physiological health monitoring wearable device	Filed
7	Vinay Kumar and Joydeep Sengupta	Design of full duplex Light Fidelity system in underwater scenario using laser diodes	Filed
8	Vinay Kumar	Design of Light Fidelity based system for shopping complex and its parking	Filed
9	Vinay Kumar	Energy dissipation Model based on Magnetic Induction Communication for Non-conventional media	Filed
10	A. G. Kothari	Automatic posture tracking and analysis system	Filed
11	A. G. Kothari	Internal Force Measuring Device for Prismatic RC Member	Filed
12	A. G. Kothari	Strain Gauge Calibration Device	Filed
13	Joydeep Sengupta and Vinay Kumar	Design and Implementation of Wireless Optical Communication Transmitter and Receiver Modules for Indoor Environment	Filed
15	K.M. Bhurchandi	A System to Remotely Monitor Energy Meter/s	Filed
16	Vinay Kumar	Optical Filter Enabled Continuous Disinfection of Operation Theater using Multi-Sensor Feedback Aided Light Source	Filed