



# ARMY INSTITUTE OF TECHNOLOGY

Dighi Hills, Alandi Road, Pune 411 015

## DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

### STAFF ACTIVITY (A.Y. 2024-25)



- List of **Patent/Copyright**: Academic Year (1 July 2024 to 30 June 2025)

Sr. No.	Name of Inventors	Title	National/ International	Application No.	Date of Filing	Date of Publication	Date of Grant/Award
1.	Dr. Avinash Patil Dr. Sushma Patil	Vedic Mathematics based Hardware Optimization for Various Mathematics	International	14016/2025-CO/L (Copyright)	10 Apr 2025	-	-
2.	Dr. Sushma Patil Dr. Avinash Patil Dr. D S. Bormane	Hardware Acceletors for RISC in Multimedia Application	International	14900/2025-CO/L (Copyright)	16 Apr 2025	-	-
3.	Dr. Shilpa Devram Pawar, Dr. Sharayu Lokhande, Mrs. Supriya Kalamkar.	Secure Heart Disease Prediction Model.	International	29261/2024-CO/SW (Copyright)	19 Sept 2024	07 Jan 2025	-
4.	Mahima Jain	Computer Software Work Code for Determining The Dimensions Of Core And Yoke Of A Core Type Transformer. Transformer May Be Single Phase Or Three Phase And Core Square Or Two, Three Or Four Stepped Core	International	SW-20215/2025 (Copyright)	06 Jan 2025	3 Mar 2025	-
5.	Dr. Kodeeswara Prabhu P(Ext), Dr. Vidhyalakshi D (Ext), <b>Ms. Supriya Kalamkar</b> , A Sunil Samson (Ext), Dhruv Thakkar(Ext), Dr, Munindra Lunagaria (Ext),	A Machine Learning Based Brain Disease Identification	International	202521028849 (Patent)	27 Mar 2025	11 Apr 2025	-
6.	Ms. Pranita Bhosale	Block Diagram of the Proposed System- Predictive Overall Equipment Effectiveness (POEE)	International	14025/2025-CO/L (Copyright)	10 Apr 2025	-	-
7.	Ms. Monica Gunjal Deepak Kumar Harsh Singh Hrishikesh R	Sign Language Based Two Way Communication System	International	14397/2025-CO/L (Copyright)	12 Apr 2025	-	-



  
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