



# Amrita Sai Institute of Science & Technology (AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK Kakinada)  
AN ISO 9001: 2015 Certified Institution, Accredited by NAAC, Recognized by  
UGC Under 2(f) and 12(B) under UGC act 1956

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## Patents Published / Granted

S. No	Patent Number	Title of the Patent	Details of Applicants and Inventors	Date of Filing	Date of Publication / Grant
1	202541121638 A	AI-Enabled Spectrum Allocation System for 6G Networks	Amrita Sai Institute of Science and Technology, Dr. D. Hema	04-12-2025	02-01-2026
2	202541121631 A	Wearable Health Monitoring Device with Real-Time ECG and IoT Integration	Amrita Sai Institute of Science and Technology, G. Latha	04-12-2025	02-01-2026
3	202541121637 A	Self-Healing Concrete Using Bio-Activated Nano capsules for Enhanced Durability	Amrita Sai Institute of Science and Technology B. Koteswara Rao	04/12/2025	02-01-2026
4	202541121639 A	Bio-Inspired Cooling System for High-Efficiency Engines	Amrita Sai Institute of Science and Technology N. Rama Krishna	04/12/2025	02-01-2026
5	202541121632 A	Adaptive 3D-Printed Prosthetic Limb with Real-Time Motion Adjustment	Amrita Sai Institute of Science and Technology B. Praneeth	04/12/2025	02-01-2026
6	202541081890	Pizza Peeler Apparatus with a Deployable Stand for Enhanced Surface Stability	Amrita Sai Institute of Science and Technology Dr. M. Sasidhar	28-08-2025	26-09-2025
7	202541081891	A Portable Semi-Automated Device for Manufacturing Cleaning Brooms from Coconut Leaves Midribs and Method Thereof	Amrita Sai Institute of Science and Technology Ms. K. Mrudula	28-08-2025	26-09-2025
8	202541114469 A	Cloud-Based Smart Education Platform with Adaptive Learning Algorithms	Amrita Sai Institute of Science and Technology S. Anusha Rani	20-11-2025	05-12-2025
9	202541114382 A	AI-Powered Cybersecurity Framework for Real-Time Threat Detection	Amrita Sai Institute of Science and Technology D. Venkateswarlu	20-11-2025	05-12-2025
10	202541114467 A	Blockchain-Integrated Voting System for Secure and Transparent Elections	Amrita Sai Institute of Science and Technology Ch. Sowjanya	20/11/2025	05-12-2025
11	202541022162	Design and Development of IoT Based Multi functionality Robot	Dr. A Vijaya Lakshmi, Amrita Sai Institute of Science and Technology	12-03-2025	28-03-2025



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12	202441093461 A	Real Time Assessment and Feedback in Education with Leveraging Multimodal AI with Augmented Reality for Skill Mastery	M. Anuradha Amrita Sai Institute of Science and Technology	26-11-2024	06-12-2024
13	202441075114	Device of Fire-fighting Equipment Incorporating Sound Acoustic Waves	Dr. D Hema, Amrita Sai Institute of Science and Technology	04-10-2024	11-10-2024
14	344837001	Airless tyre for four Wheeler	Amrita Sai Institute of Science and Technology M. Chiranjeevi	16-06-2023	28-07-2023
15	202341002393	Solar Cell and Photo Electric Conversion Element	Amrita Sai Institute of Science and Technology D. Pavan Kumar	12-01-2023	17-02-2023
16	202341005616	Impact and Importance of English for Migration of IT Employees	Amrita Sai Institute of Science and Technology G. Lova Krishna	28-01-2023	10-02-2023