

PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

PATENT 2025-2026*

S. N.	AUTHORS DETAIL (AS PER PATENT)	PATENT NUMBER	PATENT TITLE	PATENT PUBLISHING DATE	STATUS
1.	Dr. Satyanarayana Tirlangi, Dr. Sunita Mala, Dr. Subhendu Sekhar Sahoo, Ms. Aishwarya Kumaraswamy Pillai Pushpa Kumari, Dr. Sumithra Mani, Dr. Karthikeyan Santhanakrishnan	6466151	AI-Powered Drone Controller Interface	27/08/2025	Grant (UK)
2.	Ms. Giribala Anisree Palanisamy Ms. Sneha Sarkar Mr. Saravanan Subramani Dr. Nanjappan Manikandan Dr. Mani Sumithra Dr. Palanichamy Suthanthira Devi	6470488	AI Based Shock Wave Technology	17/9/2025	Grant (UK)
3.	Dr. Deepti Seth Dr. Babu Buvanewari Dr. Sanjith Sathya Joseph Prof. Prachiti Vilas Adghulkar Prof. Roger Philemon David Mr. Prashant Shriram Gumgaonkar	6482116	Computer with interface for appointment scheduling via a healthcare app	4/12/2025	Grant (UK)

4.	Susairaj Beschi, Naveen Garg, Sharanyaa Sigamani , Prof. Surbhi Choudhary	6459567	Computer Device for BlockChain Secure Authentication	29.7.2025	Grant(UK)
5.	Mr.Venkateswaran Petchiappan Mr. Shiva Shankar Mummidi Mr. Naga Sekhar Madala Dr. Jayanthi. E Ms. D. Karunkuzhali Dr. L. Vigneash Ms. Maalini D	490046-001	BLOCKCHAIN-BASED DEVICE FOR COMPUTER NETWORK SECURITY	10/03/2026	Published
6.	Dr. M.Uma Devi Dr.T.Gopalakrishnan Mr. Shuvrajit Nath Kandasamy V Dr. M. Rakesh Chowdary Dr Sumit Kumar Rana S Shanthini Deepak Kumar	202541086869	Framework for Seamless Cross-Platform Application Synchronization Using Encrypted Blockchain Channels	03/10/2025	Published
7.	Sqn Ldr R Giri Dr. P. Kanchanamala Archana Sachin Patil Kandasamy V Suyog Sudam Medhe Manisha Das Dr Annadurai S Dr G Manjula	202641001312	Secure Multi-Factor Authentication Using Behavioural Biometrics and Blockchain	23/01/2026	Published
8.	B. Durgalakshmi K. Ramesh P. Vinayagam S. Chandru S. Karthik V. Silambarasan S. Kokila C. Sathya	202541074743	Integrated Plant Disease Detection and Alert System Using Edge Computing and Smart Sensors	22/08/2025	Published
9.	Vijayaraghavan S V. Jayapradha K. Anitha Sriram T Dr. B. Rajesh Kumar Dr. B. Buvanewari Navaraja Dr. S. Jayapoorani C.Pavithra Dr. Tatiraju V. Rajani Kanth	202541113762	SMART IMPLANTABLE BIOSENSOR SYSTEM WITH PREDICTIVE DISEASE ANALYTICS AND ADAPTIVE HEALTH MONITORING	05/12/2025	Published

10.	Dr. Anubhav Kumar Ms.Nisha Vasudeva Mr.Vivek Kumar Sharma Mr.Dileep Kumar Kushwaha Ms.K.M Priyanka Ms.Jyoti Ratna Mr.Pradeep Chauhan Dr.K.Tamilarasi Mr.P.Sathiyaseelan Mr.Prabu	202541079205	IoT -Integrated Machine Learning System for Precision Farming	05/09/2025	Published
11.	Dr.K.Tamilarasi Mr.Sant Kumar Maurya Dr.Mandeep Kaur Dr. Arvind Kumar Ms.Deepti Singh Dr Jugnesh Kumar Ms.Vineeta Mr. P. Sridhar Dr. Anubhav Kumar Mr.Prabu K	202541104675	Machine Learning Powered IoT platform for precision fertilizer management and sustainable farming	28/11/2025	Published
12.	Dr. M Jawahar Mr. Mohan M K. Anand Kumar B Janu Naik K. Sreedevi Mrs. P. Divya Mr. P K Kumar	202541108561	A System and Method for Privacy-Preserving Federated Model Aggregation Using Secure Multi-Node Learning Coordination	28/11/2025	Published