

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET
CONSOLIDATED REPORT OF R&D ACTIVITIES

List of Patent published & Granted by the faculty during-2024-25

S.No	Patent Application Number	Name of the Applicant (s)	Name of the Inventor (s)	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Date of Published (DD.MM.YY YY)	Patent Publication Number	Patent Granted Number and Date (DD.MM.YYYY)	Patent Granted Number	National/International	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach source of proof i.e. URL/website links, etc.
1	202541001928 A	L.Siva Yamini	L.Siva Yamini	MACHINE LEARNING BASED AUTOMATIC PREDICTION OF STUDENT PERFORMANCE TO SUPPORT HIGHER EDUCATION SYSTEMS	09.01, 2025	17.01, 2025	202541001928 A	-	-	National	ANNAMACHARYA UNIVERSITY	-
2	202541003947 A	C.Venkatesh	C.Venkatesh	IMPLEMENTATION OF AI IN AGRICULTURE THROUGH MACHINE LEARNING AND IOT FOR ADVANCED PLANT DISEASE DETECTION	17.01, 2025	31.01, 2025	202541003947 A	-	-	National	ANNAMACHARYA UNIVERSITY	-
3	202411094352 A	C.Venkatesh	C.Venkatesh	CYBER CRIME DETECTION AND PREVENTION USING AUTOMATED MACHINE LEARNING IN IOT FORENSICS	01-12-2024	20-12-2024	202411094352 A	-	-	National	ANNAMACHARYA UNIVERSITY	-
4	202441072277	Dr.G.Tirumalaiah	Dr.G.Tirumalaiah	System and Method For Blockchain-Based Credibility Verification of Internet of Things(IoT) Entities	24.09, 2024	04.10, 2024	202441072277	-	-	National	ANNAMACHARYA UNIVERSITY	-
5	202441038229A	Dr.N.Merrin Prasanna	Dr.N.Merrin Prasanna	A hybrid optimal system for tailored rehabilitation to empower patient health	15/05/2024	02-08-2024	202441038229A	202441038229A		International		https://iprsearch.ipindia.gov.in/DynamicUtility/RegistrationReport/SearchByPatentNo
6	202421079637	Dr. N. Penchalaiah	Dr R K Kumawat, K. Ramalakshmi, Dr. N. Arogya Presskila, Bimal Nepal, Dr. E.Vijayakumar, Mr. Anveshi Perada, Dr B Gayathri, Gourav kalra, Manu Vasudevan Unni, Jeyaprakash N, Dr Narasapuram Penchalaiah, Dr Akshika Rastogi	Optimising Machine Learning Models for Accurate Prediction of Student Learning Outcomes	20/10/2024	22/11/2024	202421079637	22/11/2024	202421079637	International	International	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus

7	202421079638	Dr. N. Penchalaiah	Dr R K Kumawat, N. Sumi, K. Bharathi, Binjal Nepal, Dr. E. Vijayakumar, Mr. Anvesh Perada, Dr B Gayathri, Dr. Monika. Manu Vasudevan Unni, M. Nivethitha Devi, Dr Narasapuram Penchalaiah, Tushar kumar	A Critical Analysis of Machine Learning and Modern Pedagogy in Improving Teaching Practices in Higher Education	20/10/2024	09/05/2025	202421079638	09/05/2025	202421079638	International	International	https://iprsearch.in/india.go.v.in/PatentSearch/PatentSearch/ViewApplicationStatus
8	202541045441A	Dr. M. Obulesu, Dr. P. Chandra Reddy, Dr. Pothula Jayalakshmi, Dr. Peram Madhu Mohan Reddy, Mrs. R. Krishna Kumari, Mr. B. Jagadeesh Kumar, Dr. Pavan Kumar Cintaginjala, Mrs. G. Pavani, Dr. Venkateswara Raju Konduru, Dr. S. Sridhar, Dr. N.	Dr. M. Obulesu, Dr. P. Chandra Reddy, Dr. Pothula Jayalakshmi, Dr. Peram Madhu Mohan Reddy, Mrs. R. Krishna Kumari, Mr. B. Jagadeesh Kumar, Dr. Pavan Kumar Cintaginjala, Mrs. G. Pavani, Dr. Venkateswara Raju Konduru, Dr. S. Sridhar, Dr. N. Krishna Chaitanya	Symbolic- AI Hybrid system for solving Maths problems	11-05-2025	30-05-2025	202541045441A					https://iprsearch.in/india.go.v.in/PatentSearch/PatentSearch/ViewApplicationStatus