

Patents

Sl. No.	Month and Year	Name of Faculty / Students	Inventor type (Faculty/student)	Department
1	September 2024	Dr. D. Ashalatha	Faculty	H & S
2	September 2024	Ms. Sreta Patnaik	Faculty	H & S
3	July 2024	Suresh.Kanaparthi	Faculty	EEE
4	November 2024	Suresh.Kanaparthi	Faculty	EEE
5	26 November 2024	V Mosherani	Faculty	ECE
6	26 November 2024	V Mosherani	Faculty	ECE
7	August 2024	Dr.B.Lokeswara Rao	Faculty	ECE
8	December 2024	P Santhosh	Faculty	ECE
9	December 2024	Akella Sreesha	Faculty	H & S
10	06/12/2024	Dr. T. Sathish Kumar	Faculty	CSE
11	March 2025	Dr.K.Umamaheswara Rao	Faculty	H & S

12	March 2025	1. HITAM 2. Dr. K Bindu Madhavi 3. Dr. J Rajeshwar Goud 4. Dr. S V Devika 5. Dr. B Lokeshwara Rao 6. Kondala Rao Punati 7. Tejaswi V 8. P N V Naveen Kumar 9. T Venkanna Babu	Faculty	ECE
13	August 2024	Dr.G.Aparna	Faculty	ET
14	2024	Dr.G.Aparna	Faculty	ET
15	2024	Dr.G.Aparna	Faculty	ET
16	2024	Dr.G.Aparna	Faculty	ET
17	2025	P Santhosh	Faculty	ECE
18	August 2024	P Santhosh	Faculty	ECE
19	21-03-2025	P.RAMANA	FACULTY	ET(DS)
20	21-03-2025	NETHANI SHIVA KUMAR	FACULTY	ET(DS)
21	21-03-2025	1.HITAM 2.U.Divya 3.T.Sirisha 4.M.Rani 5.M.Siddartha 6.M.Ravi Teja	FACULTY	EEE

22	11-04-2025	T.Sirisha	FACULTY	EEE
23	March 2025	Ch Shanthi priya	FACULTY	ET
24	April 2025	1.HITAM 2.Ms.Chintamreddy Meghana, 3.Mrs.Zeenath Jaha Begum 4.Mrs.T. Sunitha 5.Mr.Shaik Meer Subhani Ali, 6.Mrs.K.Krishna Jyothi, 7.Mr.Vadla Navakishor, 8.Mrs.Chintolla Surekha, 9.Mr.Shivakumar Nethani 10.Mr.Bennuri Manohar Sarat, 11.Mrs.Ch Shanthipriya 12. Dr.Aparna Gullapelly	FACULTY	ET
25	May 2025	Dr. M. Chiranjivi	Faculty	EEE
26	April 2025	Mrs A. Devi	Faculty	CSE
27	May 2025	M.Nagapavani	Faculty	H&S
28	June 2025	Bivash Mandal	Faculty	H&S
29	April 2025	Pillalamarri Madhavi Salava v Satyanarayana Dr.O.P.Suresh	Faculty & Students	EEE
30	May 2025	Dr Lavanya	Faculty	H&S
31	May 2025	Dr. J Rajeshwar Goud	Faculty	ECE

32	June 2025	HITAM, Dr. Ruchir Shrivastava Mr. Pagidipalli Praveen Mr. SNS Santhosh Kumar Mr. Santosh Naik Dr. Motilal Lakavat Mr. P Bhaskar Rao Mrs. Ambati Syamala Mrs. Srilatha T Mrs. Zuriah	Faculty	MECH
33	June 2025	HITAM, Dr. Ruchir Shrivastava Mr. Pagidipalli Praveen Mr. SNS Santhosh Kumar Mr. Santosh Naik Dr. Motilal Lakavat Mr. P Bhaskar Rao Mrs. Ambati Syamala Mrs. Srilatha T Mrs. Zuriah	Faculty	MECH
34	April 2025	K Umamaheswara Rao	Faculty	H&S
35	May2025	K Umamaheswara Rao	Faculty	H&S
36	May 2025	K Bindu Madhavi	Faculty	ECE
37	May 2025	K Bindu Madhavi	Faculty	ECE

Name of the title	Application No.	Status (Published/Granted/ Applied)	Date of filing the patent
Method and Apparatus for Gamified English Language Acquisition through Literary Analysis	202431067767 A	Published	07/09/2024
Method and Apparatus for Gamified English Language Acquisition through Literary Analysis	202431067767 A	Published	07/09/2024
IOT BASED COAL MINE SAFETY MONITORING AND ALERTING SYSTEM	202441050594 A	Published	02/07/2024
IOT BASED Automatic watering system for Efficient Water Management	202441086586 A	Published	09/11/2024
AI based device for Evaluating Academic Performance	6405107	Published	15-11-24
AI-Driven Student Outcome Tracking Device	6405106	Published	15-11-24
Design and High-Performance Broadband Microstrip Patch Antennas for 5G Communication	2.02441E+11	Published	09/08/2024
Mapping Device to Analyse Psychology of the Consumer	6410082	Published	12 June 2024
System and Method for Implementing a Digital HR Dashboard with Generative AI Intervention	202441094949 A	Published	29th november 2024
CLOUD-BASED AI SYSTEM FOR REAL-TIME DATA ANALYSIS AND PREDICTIVE INSIGHTS	2.02441E+11	Published	23/11/2024
AI-Based children Monitoring System using IOT	202541023780A	Published	18-3-2025

VLSI Implementation of Pulse Width Modulation Unit for High-Fidelity Audio Signal Processing	202541019019 A	Published	4-3-25
INNOVATIVE IMAGE PROCESSING AND MACHINE LEARNING METHODS FOR KIDNEY STONE DETECTION IN CT SCANS	2.02441E+11	Published	16/08/2024
IMPROVING K-MEANS CLUSTERING EFFICIENCY USING MIXED INTEGER LINEAR PROGRAMMING	2.02441E+11	Published	11/08/2024
ACCURATE FAKE REVIEW DETECTION: A GRAPH-BASED DEEP LEARNING APPROACH WITH EXPLAINABLE AI	2.02421E+11	Published	29/07/2024
IOT-ENHANCED MACHINE LEARNING FOR TRAFFIC MANAGEMENT SYSTEMS IN SMART CITIES	2.02411E+11	Published	27/07/2024
ENHANCING AUTOMATED EXAM PAPER ASSESSMENT IN HIGHER EDUCATION WITH MACHINE LEARNING AND STATISTICAL METHODS	202541016077 A	Published	24/02/2025
INTELLIGENT PATH TRAVEL COST ESTIMATION IN LARGE-SCALE NETWORKS USING ADVANCED MACHINE LEARNING	202441064131 A	Published	26/08/2024
OBJECT-CENTRIC MASKED IMAGE MODELLING FOR SELF-SUPERVISED PRE-TRAINING IN REMOTE SENSING OBJECT DETECTION	202541019018	Published	04-03-2025
OBJECT-CENTRIC MASKED IMAGE MODELLING FOR SELF-SUPERVISED PRE-TRAINING IN REMOTE SENSING OBJECT DETECTION	202541019018	Published	04-03-2025
OBJECT-CENTRIC MASKED IMAGE MODELLING FOR SELF-SUPERVISED PRE-TRAINING IN REMOTE SENSING OBJECT DETECTION	202541019018	Published	04-03-2025

Predicting the Future: AI-Driven Insights into Startup Success and Failure Using Crunchbase Analytics	2.02541E+11	Published	24-03-2025
AI based Childern Monitoring System using IoT	202541023780A	published	18/3/2025
AI driven Automation public transport system for efficient and sustainable smart cities	2.02541E+11	Published	4-22-2025
Enhancing EV Battery Life Span with IOT Driven Regenerative Systems	2.02541E+11	Published	26-04-2025
REAL-TIME CREDIT CARD FRAUD IDENTIFICATION AND PREVENTION USING ADAPTIVE MACHINE LEARNING METHOD	202541032280 A	Published	01/04/2025
Method and Apparatus for Analyzing Water Quality Using Linear Regression with Sensor Data	202541035863 A	Published	13/04/2025
PHONETIC PATTERN-BASED AUTOMATED ENGLISH GRAMMAR CORRECTION SYSTEM	2.02541E+11	Applied	25-06-2025
Smart Mobility Wheel chair: AI driven performance optimization, adaptive controls and enhanced safety with obstacle detection	2.02541E+11	Published	28/04/2025
System and Method for Synthesising Graphene Based Materials Using Advance Deposition Techniques	2.02541E+11	Published	09/05/2025
Artificial Intelligence Based Antenna for Biomedical Applications	445254-001	Granted	22/01/2025

Low cost composite materials recycling apparatus	2.02541E+11	Published	16/06/2025
Solar Fertilizer Sprayer	2.02541E+11	Published	16/06/2025
Method and Apparatus for Predicting stock Prices using Predictive Analytics	202541032684 A	Published	2/4/2025
Magnetohydrodynamics in turbulence	202541037261 A	Published	17/4/2025
AI and Machine learning based risk management for air fresher system failures in Automotive vehicle industry	202541043418A	Published	05/05/2025
Design and implementation of 16 bit Array using 4T SRAM cell with 22nm technology	202541043212A	Publishe	05/05/2025

Date of Publication	National/ International	Link of the patent	Core Technology Discipline	Sub core Area	Gender
13/09/2024	National	https://search.ipindia.gov.in/DynamicUtility/Journal/Patent*The Patent Office Journal No. 37/2024Dated 13/09/2024 - 82513 - Part I PDF	Electronics	NA	Female
13/09/2024	National	https://search.ipindia.gov.in/DynamicUtility/Journal/Patent*The Patent Office Journal No. 37/2024Dated 13/09/2024 - 82513 - Part I PDF	Electronics	NA	Female
05/07/2024	National		Electrical	NA	Male
22/11/2024	National		Electrical	NA	Male
26-11-24	National	https://www.registered-design.service.gov.uk/find/6405107			
26-11-24	National	https://www.registered-design.service.gov.uk/find/6405106			
16/08/2024	National	https://search.ipindia.gov.in/IPJournal/Journal/Patent			
23/12/2024	National	https://drive.google.com/drive/u/0/folders/1LYxFZgY4ck7nmIIINR4Y9ldUmYP8qHKr	https://www.registered-design.service.gov.uk/find/6410082		
13th December 2024	National				
06/12/2024	National	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails			
28-3-2025	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewDocuments			

21-3-25	National	Application Status search	ECE	VLSI	
23/08/2024	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	ET	ML	
23/08/2024	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			
23/08/2024	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			
09/08/2024	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			
07/03/2025	National	https://drive.google.com/drive/u/0/folders/1LYxFZgY4ck7nmIIINR4Y9ldUmYP8qHKr	ET	ML	
30/08/2024	National	https://drive.google.com/drive/u/0/folders/1LYxFZgY4ck7nmIIINR4Y9ldUmYP8qHKr	ET	ML	
21-03-2025		https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	Computer Science	Computer Science	Female
21-03-2025		https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	Computer Science	Computer Science	Male
21-03-2025		https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus	Computer Science	Computer Science	

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16-5-2025		https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			
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	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			male
16/05/2025	National	https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus			
30/05/2025	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus			
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27/06/2025	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewPDF	Core	Materials	Male
27/06/2025	National	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewPDF	Core	Solar	Male
11/4/2025	National	Submitted to R&D	ML	Data Analytics	Male
16/5/2025	National	Submitted to R&D			
30/05/2025	National	Submitted to R&D		ECE	female
30/05/2025	National	Submitted to R&D		ECE	female

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