Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant or Inventor Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Appication)
1	2.02511E+11	Published	Dr. Vemuri Venkata Phani Babu	A SYSTEM AND METHOD FOR MULTI-SPECTRAL IMAGE FUSION TO ENHANCE SCENE UNDERSTANDING USING ADAPTIVE FEATURE EXTRACTION AND DEEP LEARNING	Dr. Vemuri Venkata Phani Babu	11-06-2025	27-06-2025	2.02511E+11	Dadi Institute of Engineering & Technology
2	2.02541E+11	Published	Dr. Vemuri Venkata Phani Babu	Adaptive IoT Sensor Network for Machine Learning Based Predictive Equipment Maintainance	Dr. Vemuri Venkata Phani Babu	15-09-2025	17-10-2025	2.02541E+11	Dadi Institute of Engineering & Technology
3	409655-001	Granted	Dr Rugada Vaikunta Rao	SMART BLOOD PRESSURE MONITORING DEVICE	Dr Rugada Vaikunta Rao	31-12-2024	15-10-2025	409655-001	Dadi Institute of Engineering & Technology
4	2.02441E+11	Published	Dr. S RAMANA KUMAR JOGA	SYSTEM AND METHOD FOR PREDICTIVE DIAGNOSTICS IN ROBOTICS USING DEEP LEARNING TECHNIQUES	Dr. S RAMANA KUMAR JOGA	23/05/2024	31/05/2024	2.02441E+11	Dadi Institute of Engineering & Technology
5	2.02441E+11	Published	Dr. S RAMANA KUMAR JOGA	ECO-FRIENDLY HEAT EXCHANGER CONTROL SYSTEM FOR ENHANCED REACTOR PERFORMANCE THROUGH CYCLOCONVERTER TECHNOLOGY AND METHOD EMPLOYED THEREOF	Dr. S RAMANA KUMAR JOGA	04-07-2024	12-07-2024	2.02441E+11	Dadi Institute of Engineering & Technology
6	202441048562A	Published	Mrs.K ALFONI JOSE	SYSTEM AND METHOD FOR FOUR-WHEEL NON-INTERACTION NAVIGATION	Mrs.K ALFONI JOSE	25/06/2024	05-07-2024	202441048562A	Dadi Institute of Engineering & Technology
7	436877-01	Granted	Dr. S RAMANA KUMAR JOGA	DUCT FOR AIR CONDITIONER PIPE	Dr. S RAMANA KUMAR JOGA	09-11-2024	07-01-2025	Granted- 436877-01	Dadi Institute of Engineering & Technology
8	2.02441E+11	Published	A.SANKARA RAO	AI POWERED IMAGE PROCESSING PLATFORM FOR AUTONOMUS VEHICLE NAVIGATION	A.SANKARA RAO	08-08-2024	16/08/2024	Published	Dadi Institute of Engineering & Technology
9	432631-001	Granted	A.SANKARA RAO	IOT BASED AGRICULTURE HEALTH MONITORING SYSTEM	A.SANKARA RAO	03-10-2024	25/11/2024	Granted	Dadi Institute of Engineering & Technology
10	202411089632A	Published	A.SANKARA RAO	AI DRIVEN ANLYTICAL FRAME FOR RESEARCH PAPER QUALITY IMPROVEMENT AND ACCURACY	A.SANKARA RAO	19/11/2024	29/11/2024	Published	Dadi Institute of Engineering & Technology
11	437548-001	Granted	A.SANKARA RAO	AI & IMAGE PROCESSING BASED STROKE DISEASE PREDICTION	A.SANKARA RAO	16/11/2024	06-02-2025	Granted	Dadi Institute of Engineering & Technology
12	442495-001	Granted	A.SANKARA RAO	AI Based Network Threat Detecting Device	A.SANKARA RAO	30-12-2024	03-06-2025	Granted	Dadi Institute of Engineering & Technology
13	2.02441E+11	Published	Mrs. M. Sharmila, Mrs. S. Venkata Lakshmi	Cyberspace Enhanced Ultra smart Computing system for Advanced Data Processing	Mrs. M. Sharmila, Mrs. S. Venkata Lakshmi	3-10-2024	11-10-2024	2.02441E+11	Dadi Institute of Engineering & Technology
14	2.02441E+11	Published	Mr. A Krishna Nag	FAST DC CHARGING OF AN ELECTRIC VEHICLE USING ROBUST FAST TERMINAL SLIDING MODE CONTROLLER FOR A DUAL ACTIVE BRIDGE CONVERTER	Mr. A Krishna Nag	03-12-2024	06-12-2024	2.02441E+11	Dadi Institute of Engineering & Technology
15	202541009413 A	Published	Mrs. M. Sharmila	ENERGY TRADING PLATFORM USING BLOCKCHAIN FOR PEER-TO-PEER RENEWABLE ENERGY EXCHANGE	Mrs. M. Sharmila	05-02-2025	21/02/2025	202541009413 A	Dadi Institute of Engineering & Technology
16	202311044908	Published	Mrs K.Sunitha	Analysis and study of assessment purposes and methods used by efl teachers in education using deep learning algorithms	Mrs K.Sunitha	05-07-2023	28-07-2023	202311044908	Dadi Institute of Engineering & Technology
17	202341032825	Published	Dr A Nalinee Kumari	Implementation Of Block Chain Security	Dr A Nalinee Kumari	09-05-2023	18-08-2023	202341032825	Dadi Institute of Engineering & Technology
18	202341044896	Published	Dr A Nalinee Kumari	Organic Nanomaterials for next generation flexible electronics	Dr A Nalinee Kumari	04-07-2023	01-09-2023	202341044896	Dadi Institute of Engineering & Technology
19	202341029915	Published	Dr. ASLK Gopalamma	A Novel Approach to Control Velocity of PMSM Fed By Power Electronic Converter	Dr. ASLK Gopalamma	25-04-2023	28-07-2023	202341029915	Dadi Institute of Engineering & Technology
20	202341029416	Published	Dr. ASLK Gopalamma	Automated smart street lights with fault detection	Dr. ASLK Gopalamma	24-04-2023	28-07-2023	202341029416	Dadi Institute of Engineering & Technology
21	202341050566	Published	Dr. K. Sujatha	Next Generation AI chatbot with Advanced language Understanding and Generation capabilities	Dr. K. Sujatha	26-07-2023	01-09-2023	202341050566	Dadi Institute of Engineering & Technology
22	202341057420	Published	Dr. K. Sujatha	Advanced sentence Generation technique using deep learning techniques	Dr. K. Sujatha	27-08-2023	08-09-2023	202341057420	Dadi Institute of Engineering & Technology
23	202341058005	Published	Mrs. M Sharmila	Machine Learning Models for Investigation of Paracetamol Entrapped Nanoporous Silica Nanoparticles in Transdermal	Mrs. M Sharmila	30-08-2023	08-09-2023	202341058005	Dadi Institute of Engineering & Technology
24	6306116(UK)	Granted	Mrs. M Sharmila	Wrist Band/ Belt for School Children's /Woman/ Elderly People Security.	Mrs. M Sharmila	28-08-2023	07-09-2023	6306116(UK)	Dadi Institute of Engineering & Technology
25	202341062406	Published	Alfoni Jose K	System And Method to Generate Electric Energy from Kinetic Energy of Moving Vehicle Using Discriminant Analysis	Alfoni Jose K	16-09-2023	06-10-2023	202341062406	Dadi Institute of Engineering & Technology
26	202341069399	Published	Mr. K.Somasekhar	Exploring super conducting devices for efficient quantum information processing and storage	Mr. K.Somasekhar	15-10-2023	24-11-2023	202341069399	Dadi Institute of Engineering & Technology
27	202311072102	Published	P Madhuri	Enhance Machine learning performance in Quantum Information Science	P Madhuri	21-10-2023	24-11-2023	202311072102	Dadi Institute of Engineering & Technology
28	202341039468	Published	Mr.MRVSG Guptha	An Innovative Composition of Bead Wire Reinforced Concrete and Method of preparing the same	Mr.MRVSG Guptha	08-06-2023	23-02-2024	202341039468	Dadi Institute of Engineering & Technology

#	App. No.	Status	Author	Title	Filer	Filing Date	Pub Date	Ref No.	Institution
29	202441021124	Published	Mrs K U V Padma	Ultra-Light Weight Security Framework with integrated watermarking and stenographic technologies	Mrs K U V Padma	20-03-2024	29-03-2024	202441021124	Dadi Institute of Engineering & Technology
30	202441031995	Published	Dr A S L K Gopalamma	Design and Implementation of portable PICO hydropower generation using waste water systems	Dr A S L K Gopalamma	23-04-2024	26-04-2024	202441031995	Dadi Institute of Engineering & Technology
31	202241000478	Published	Dr. Prasanna kUmar Lakineni	Blockchain for IoT Security and Privacy of violation records	Dr. Prasanna kumar Lakineni	05-01-2022	21-01-2022	202241000478	Dadi Institute of Engineering & Technology
32	202241004387	Published	Hemanth Kumar Yerabolu	Sustainable Transculent light emitting concrete with optical fibres and preparation there of	Hemanth Kumar Yerabolu	21-01-2022	04-02-2022	202241004387	Dadi Institute of Engineering & Technology
33	202241008813	Published	Mr. Veerraju Sampenga	An image processing based technique to help hr predict the pulse of working environment	Mr. Veerraju Sampenga	20-02-2022	04-03-2022	202241008813	Dadi Institute of Engineering & Technology
34	202241009075	Published	Mr. M.Srinivasarao	Artificial Intelligence based Techniques to check the feasibility of product quality in manufacturing units	Mr. M.Srinivasarao	21-02-2022	04-03-2022	202241009075	Dadi Institute of Engineering & Technology
35	202241018535	Published	Mr. Veerraju Sampenga	Advanced image processing technique for early detection of skin cancers and treating them through AI enabled nano particles	Mr. Veerraju Sampenga	29-03-2022	08-04-2022	202241018535	Dadi Institute of Engineering & Technology
36	202241020115	Published	Mr. O. Suresh	Blast resisteance analysis and design of RCC multistored building	Mr. O. Suresh	04-04-2022	15-04-2022	202241020115	Dadi Institute of Engineering & Technology
37	202241024364	Published	Mr. O. Suresh	Method of determination of flexural behavior of reinforced concrete beams	Mr. O. Suresh	25-04-2022	27-05-2022	202241024364	Dadi Institute of Engineering & Technology
38	202241043234	Published	Mr. P. Srinivas, Dr. Kausar Jahan	The smart improvement of automatic solar light tracking structure by deep learning model	Mr. P. Srinivas, Dr. Kausar Jahan	28-07-2022	19-08-2022	202241043234	Dadi Institute of Engineering & Technology
39	202241052638	Published	Dr. B. Anjanee Kumar	Cryptography secure algorithm with user validating preservation scheme in IoT health care	Dr. B. Anjanee Kumar	15-09-2022	23-09-2022	202241052638	Dadi Institute of Engineering & Technology
40	202211054799	Published	Dr. Mrs. Alfoni Jose, Mr. K. Vijay kumar	Microgrid integration with hybrid source electric charging station	Dr. Mrs. Alfoni Jose, Mr. K. Vijay kumar	24-09-2022	07-10-2022	202211054799	Dadi Institute of Engineering & Technology
41	202241058112	Published	Dr. Kausar Jahan, Dr. R. Vaikuntha Rao, Dr. P. Srinivas	Solar power generation forecasting using ensemble approach based on deep learning and statistical methods	Dr. Kausar Jahan, Dr. R. Vaikuntha Rao, Dr. P. Srinivas	12-10-2022	21-10-2022	202241058112	Dadi Institute of Engineering & Technology
42	202241058661	Published	Dr. B. Anjanee Kumar	Tracking the maximum power point of photovoltaic grids using ML and IoT	Dr. B. Anjanee Kumar	13-10-2022	18-11-2022	202241058661	Dadi Institute of Engineering & Technology
43	202241059985	Published	Dr. P. Poorna Priya	Prediction and recommendation system using sesmic waves and wind map analysis for architectural development	Dr. P. Poorna Priya	20-10-2022	28-10-2022	202241059985	Dadi Institute of Engineering & Technology
44	202241064573	Published	Mr. P. Venkata Murali	Design and development of automated attendance management system based on face recognition algorithms	Mr. P. Venkata Murali	11-11-2022	18-11-2022	202241064573	Dadi Institute of Engineering & Technology
45	202241068667	Published	Mr. N Nagaraju	Spinel ferrite nanoparticles for environment monitoring and Bio-medical Applications	Mr. Nanduri Nagaraju	29-11-2022	02-12-2022	202241068667	Dadi Institute of Engineering & Technology
46	202241068168	Published	Dr. Ch. Prabhakara Rao	A system and method of determining stability of functional equations in vector space using fixed point method	Dr. Ch. Prabhakara Rao	26-11-2022	02-12-2022	202241068168	Dadi Institute of Engineering & Technology
47	202241065549	Published	Dr. P. Pavithra	Novel nano formulations base drugs for enhanced bioavailability	Dr. P. Pavithra	16-11-2022	25-11-2022	202241065549	Dadi Institute of Engineering & Technology
48	202241065250	Published	Dr. P. Pavithra	Magnetic Spinal ferrite nano particles for targeted drug delivery of cyto toxic drugs in desease treatment	Dr. P. Pavithra	14-11-2022	25-11-2022	202241065250	Dadi Institute of Engineering & Technology
49	202211069894	Published	Mrs. K.Hemalatha	Hydrogen energy production polymer electrolyte membrane water electrolysis method	Mrs. K.Hemalatha	04-12-2022	09-12-2022	202211069894	Dadi Institute of Engineering & Technology
50	2021102771	Published	Mrs. A S L K Gopalamma	Elelctric vehicle charging estimation device using machine learning	Mrs. A S L K Gopalamma	22-05-2021	05-05-2022	2021102771	Dadi Institute of Engineering & Technology
51	202041056515	Published	Mr.M R V S G Gupta	Environment friendly transculent cement motor brick	Mr.M R V S G Gupta	27-12-2020	01-07-2022	202041056515	Dadi Institute of Engineering & Technology
52	202141019024	Published	Mrs. A S L K Gopalamma	limited space constraint based transition novel earthing design for foriegn non cohesive silky sand soil site	Mrs. A S L K Gopalamma	26-04-2021	07-05-2021	202141019024	Dadi Institute of Engineering & Technology
53	202141028270	Published	Dr. Prasanna kumar Lakineni	Electronically enabled and e-award device for physical activity goal challenges for it professionals to strengthen muscles	Dr. Prasanna kUmar Lakineni	23-06-2021	09-07-2021	202141028270	Dadi Institute of Engineering & Technology
54	2021104378	Granted	Mrs. Madhavi Konni	Plastics & Packing Materials Management: Plastics and Non-Recyclable Packing Materials Convert into a Value Added Products as Per Requirements	Mrs. Madhavi Konni	01-01-2021	03-03-2021	2021104378	Dadi Institute of Engineering & Technology
55	202141033802	Published	Dr. K. Sujatha	Intelligent Internet of Things enhanced air bowler condition monitoring using ML	Dr. K. Sujatha	27-07-2021	06-08-2021	202141033802	Dadi Institute of Engineering & Technology

Registration Details   Idea / PoC Repository   Innovation / Prototype Repository   Business Model / Startup   Add / Mana

Academic Year

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Total Individuals Registered:	Total Innovations Submitted:	Total Innovations Assigned:	Total Innovations Verified:	Total Innovations Recommended:
1060	95	92	79	56

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details	View Innovation Details
1	IR2025-940028	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
2	IR2025-935839	21-12-2024	Sustainable Energy Regeneration for Next-Gen Electric Vehicles **TRL Title - TRL 6**	2024-25	Academic Research Assignment/Industry Sponsored Project	S Ramana Kumar Joga srkjoga@diet.edu.in	View Detail
3	IR2025-938163	21-12-2024	Experimental study on thermal comfort enhancement in buildings through paraffin wax based approach **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	K.pravallika Pravallikakodiboyina@gmail.com	View Detail
4	IR2025-938174	21-12-2024	experimental study of compressive strength of recycled aggregate concrete **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	BODDEDA DILEEP 22u45a0104@diet.edu.in	View Detail
5	IR2025-938200	21-12-2024	Utilization of wood ash, fly ash and m-sand for sustainable concrete development **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	BARNIKANA PAVAN 22u45a0103@diet.edu.in	View Detail
6	IR2025-938205	21-12-2024	EX PERIMENTAL INVESTIGATION ON INTERLOCKING BRICKS USING RECYCLED GLASS POWDER& FLYASH **TRL Title - TRL 4**	2024-25	Independent Assignment/Non-academic Study Project	Aswini aswinidulla178@gmail.com	View Detail
7	IR2025-939556	21-12-2024	ROTATING TO RENEWABLE - A PEDAL BASED GEAR MOTOR SYSTEM FOR CURRENT GENERATION **TRL Title - TRL 4**	2024-25	Independent Assignment/Non-academic Study Project	Jayanth simmajayanthcivil@gmail.com	View Detail
8	IR2025-939568	21-12-2024	WASTE CLUTCH WIRES USED AS REINFORCEMENT - An innovative approach to reduce steel reinforcement in concrete technology. **TRL Title - TRL 4**	2024-25	Independent Assignment/Non-academic Study Project	Jayanth simmajayanthcivil@gmail.com	View Detail

9	IR2025-940018	21-12-2024	ROBOT ARM WITH OBJECT SORTING MECHANISM BASED ON COLOUR USING ARDUINO **TRL Title - TRL 5**	2024-25	Academic Requirement/Study Project	DAVALA ARUNA 21u41a0406@diet.edu.in	View Detail
10	IR2025-940020	21-12-2024	Power Harvesting Shoes with GPS Tracking And Metal Detection **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Viyyapu Vaishnavi 22u45a0423@diet.edu.in	View Detail
11	IR2025-940024	21-12-2024	Power Harvesting Shoes with GPS Tracking And Metal Detection **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Viyyapu Vaishnavi 22u45a0423@diet.edu.in	View Detail
12	IR2025-940025	21-12-2024	Power Harvesting Shoes with GPS Tracking And Metal Detection **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Viyyapu Vaishnavi 22u45a0423@diet.edu.in	View Detail
13	IR2025-940026	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
14	IR2025-940027	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
15	IR2025-959643	21-12-2024	Solar Power Tracking system **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	S.vijay bhushanam 24u45a0239@diet.edu.in	View Detail
16	IR2025-940029	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
17	IR2025-940030	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
18	IR2025-940031	21-12-2024	AI-Based Women Safety Device With Integrated Voice Monitoring & Fear Detection Mechanism **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
19	IR2025-940037	21-12-2024	AI BASED AUTONOMOUS SURVEILLANCE ROBOT **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Moturu Revathi motururevathi2@gmail.com	View Detail
20	IR2025-940042	21-12-2024	Power' Harvesting Shoes With GPS Tracking And Metal Detection **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Viyyapu Vaishnavi 22u45a0423@diet.edu.in 9966685233	View Detail
21	IR2025-944353	21-12-2024	chatbot for career guidance using ollama **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	yaswanth jallu jyaswanth57573@gmail.com	View Detail

22	IR2025-944402	21-12-2024	Redefined Movie-Music Recommendation System **TRL - TRL 6**	2024-25	Academic Requirement/Study Project	DINESH VELAGA velagadinesh099@gmail.com	View Detail
23	IR2025-958703	21-12-2024	Vehicle Theft Detection Using Arduino **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Yedura Charan Sri Sai 23u41a0216@diet.edu.in	View Detail
24	IR2025-958709	21-12-2024	MINI-HYDRO POWER PLANT **TRL Title - TRL 4**	2024-25	Academic Research Assignment/Industry Sponsored Project	D.Lohith kumar 24u45a0213@diet.edu.in 7997115401	View Detail
25	IR2025-958949	21-12-2024	IoT-Based Camera Chatbot **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	Pentakota dharma teja 24u45a0234@diet.edu.in	View Detail
26	IR2025-959116	21-12-2024	Smart Cart for Shopping: An RFID-Based Automated Billing System **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	KANDREGULA VENNALA vennuvennala123@gmail.com	View Detail
27	IR2025-959583	21-12-2024	Smart Systems Integration is an assembly of technologies that build products from components, that combine functions in products and systems, **TRL Title - TRL 4**	2024-25	Academic Requirement/Study Project	S.Chandra Shekhar 24u45a0230@diet.edu.in	View Detail
28	IR2024-920637	24-09-2024	Automated Blood Group Detection From fingerprint using Python **TRL Title - TRL 6**	2023-24	Academic Requirement/Study Project	Durga Bhargavi 21u41a0454@diet.edu.in	View Detail
29	IR2024-920623	24-09-2024	Blood Group Detection from Fingerprint using Machine Learning **TRL Title - TRL 6**	2023-24	Academic Requirement/Study Project	Durga Bhargavi 21u41a0454@diet.edu.in	View Detail
30	IR2024-919594	16-09-2024	Efficient Parkinson disease diagnosis using Quantum convolutional neural networks **TRL Title - TRL 4**	2023-24	Academic Requirement/Study Project	Janapareddi Jaya Lakshmi janapareddyjayalakshmijaya@gmail.com 6301865933	View Detail
31	IR2024-919367	15-09-2024	Enhancing Cardiac Risk Assessment through Internet of Medical Things and Edge - AI Integration **TRL Title - TRL 4**	2023-24	Academic Requirement/Study Project	Chellapilla Lakshmi Amulya 22u45a0406@diet.edu.in	View Detail
32	IR2024-919358	15-09-2024	Enhancing Cardiac Risk Assessment through Internet of Medical Things and Edge-AI Integration **TRL Title - TRL 4**	2023-24	Academic Requirement/Study Project	Chellapilla Lakshmi Amulya 22u45a0406@diet.edu.in	View Detail
33	IR2024-918577	13-09-2024	IOT based weather reporting system **TRL Title - TRL 4**	2023-24	Academic Research Assignment/Industry Sponsored Project	SANKARA RAO ALLADA asankararao@diet.edu.in	View Detail
34	IR2024-918553	13-09-2024	AI Based women safety device with integrated voice monitoring and fear detection mechanism **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	REBAKA SUNEEL KUMAR suneelkumar@diet.edu.in	View Detail

35	IR2024-918541	13-09-2024	IOT based gas detector bot **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	B.devi bhusadevi1991@gmail.com	View Detail
36	IR2024-918515	13-09-2024	Rainfall prediction using data science **TRL Title - TRL 6**		2023-24	Academic Research Assignment/Industry Sponsored Project	Dr B. Anjanee Kumar dranjaneekumar@diet.edu.in	View Detail
37	IR2024-918377	13-09-2024	EEG data Analysis for Schizophrenia Detection Using a Deep Neural Network-Based Multilayer Perceptron **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	Srujana vijjapu 22u45a0422@diet.edu.in	View Detail
38	IR2024-918350	13-09-2024	Safe Pulse: AI-Integrated Device for Women's Emergency Response **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	MASINEEDI ANITHA 22u45a0415@diet.edu.in	View Detail
39	IR2024-918346	13-09-2024	Ensemble Based MRI Analysis for Early Detection of Alzheimer's Disease **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	Nakka Varshini varshiniyadav87@gmail.com	View Detail
40	IR2024-918335	13-09-2024	Advanced Image Watermarking DCT using Linear Modulation **TRL Title - TRL 9**		2023-24	Academic Requirement/Study Project	Kandregula Sudha Rani 22u45a0412@diet.edu.in	View Detail
41	IR2024-918303	13-09-2024	Advanced denoising techniques for enhanced medical imaging **TRL Title - TRL 4**		2024-25	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
42	IR2024-918302	13-09-2024	Development of advanced Denoising techniques for medical image enhancement using deep learning **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
43	IR2024-918301	13-09-2024	Development of advanced Denoising techniques for medical image enhancement using deep learning **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
44	IR2024-918300	13-09-2024	Development of advanced Denoising techniques for medical image enhancement using deep learning **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
45	IR2024-918299	13-09-2024	Development of advanced Denoising techniques for medical image enhancement using deep learning **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
46	IR2024-918298	13-09-2024	Development of advanced Denoising techniques for medical image enhancement using deep learning **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	RUPASRI GURRALA rupasrigurrala3@gmail.com	View Detail
47	IR2024-918133	12-09-2024	Ensemble Based MRI Analysis for Early Detection of Alzheimer's Disease **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	Yadhagiri Navya navyayadhagiri0309@gmail.com	View Detail
48	IR2024-918064	12-09-2024	Ensemble Based MRI Analysis for Early Detection of Alzheimer's Disease **TRL Title - TRL 4**		2023-24	Academic Requirement/Study Project	Yadhagiri Navya navyayadhagiri0309@gmail.com	View Detail

49	IR2024-913154	29-08-2024	Bottle bulb **TRL Title - TRL 7**	2023-24	Academic Requirement/Study Project	Jerripothula.Dhana kumari jerripothuladhanakumari01@gmail.com	View Detail
50	IR2024-913153	29-08-2024	Bottle bulb **TRL Title - TRL 7**	2023-24	Academic Requirement/Study Project	Jerripothula.Dhana kumari jerripothuladhanakumari01@gmail.com	View Detail
51	IR2024-913147	29-08-2024	3D SCANNER MACHINE USING ARDUINO **TRL Title - TRL 9**	2023-24	Independent Assignment/Non-academic Study Project	G. CHARAN charanchanu648@gmail.com	View Detail
52	IR2024-913144	29-08-2024	traffic management **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	Bora Rahul 23u41a0413@diet.edu.in	View Detail
53	IR2024-913143	29-08-2024	traffic management **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	Bora Rahul 23u41a0413@diet.edu.in	View Detail
54	IR2024-913142	29-08-2024	smart home automation system **TRL Title - TRL 9**	2023-24	Academic Requirement/Study Project	DHAMARENDRA NADH damanath40@gmail.com	View Detail
55	IR2024-913136	29-08-2024	energy-producing roads **TRL Title - TRL 9**	2023-24	Academic Requirement/Study Project	U.Jayasri Undajayasri@gmail.com	View Detail
56	IR2024-913134	29-08-2024	Anti Theft Door Lock System **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	BELLANA MOHAN mohanbellana76@gmail.com	View Detail
57	IR2024-913133	29-08-2024	Smart Home Automation System **TRL Title - TRL 5**	2023-24	Academic Requirement/Study Project	Murali garaga muraligaraga1@gmail.com	View Detail
58	IR2024-910856	22-08-2024	Drone delivery **TRL Title - TRL 7**	2023-24	Academic Requirement/Study Project	NAKKANA THANUJA nakkanathanuja@gmail.com 6302656819	View Detail

59	IR2024-910855	22-08-2024	Practical farming course **TRL Title - TRL 5**	2023-24	Academic Requirement/Study Project	Praveen Prakash praveenprakash2467@gmail.com	View Detail
60	IR2024-910850	22-08-2024	Car Theft Prevention with Geo-Fencing **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	P.Prudhvi Sai Manikanta prudhvi11009@gmail.com	View Detail
61	IR2024-910031	19-08-2024	Smart Umbrella **TRL Title - TRL 4**	2023-24	Independent Assignment/Non-academic Study Project	Venumadhavi surisetty 21u41a0441@diet.edu.in	View Detail
62	IR2024-905240	07-08-2024	Power Quality Improvement in EV charging station integrated distribution system **TRL Title - TRL 6**	2023-24	Academic Research Assignment/Industry Sponsored Project	Kantamreddy Bala 21u41a0203@diet.edu.in	View Detail
63	IR2024-902745	30-07-2024	Weather app using main stack **TRL Title - TRL 4**	2023-24	Academic Requirement/Study Project	Priyanka saini 21u41a05a0@diet.edu.in	View Detail
64	IR2024-902744	30-07-2024	Iris species predictor **TRL Title - TRL 4**	2023-24	Academic Requirement/Study Project	Pethakamasetty leela 21u41a0591@diet.edu.in 9182753223	View Detail
65	IR2024-899447	15-07-2024	IoT based Smart Air Purifier **TRL Title - TRL 6**	2023-24	Academic Research Assignment/Industry Sponsored Project	Anubothu Harikrishna 22u45a0201@diet.edu.in	View Detail
66	IR2024-899401	15-07-2024	SMART HOME AUTOMATION USING IoT **TRL Title - TRL 4**	2023-24	Academic Research Assignment/Industry Sponsored Project	URITI RAVI 22u45a0235@diet.edu.in	View Detail
67	IR2024-899348	15-07-2024	IoT based crop monitoring System: Towards smart agriculture **TRL Title - TRL 4**	2023-24	Academic Research Assignment/Industry Sponsored Project	Alla Venkata Yoshitha 23U45A0203@diet.edu.in	View Detail
68	IR2024-899275	14-07-2024	Artificial Intelligence based Relay for fault Diagnosis in photovoltaic (PV) system **TRL Title - TRL 5**	2023-24	Academic Research Assignment/Industry Sponsored Project	S Ramana Kumar Joga srkjoga@diet.edu.in	View Detail
69	IR2024-898778	06-05-2024	MULTI CONNECTED REMOTE ACCESS HEALTH MONITORING SYSTEM UTILIZING IoT **TRL Title -**	2023-24		NALINEEKUMARI ARASAVALI drnalineekumaria@gmail.com 9492575120	View Detail

70	IR2023-862669	29-04-2023	INTEGRATED MULTIPURPOSE AGRICULTURAL SPRAYER **TRL Title - TRL 4**	2022-23	Academic Research Assignment/Industry Sponsored Project	VENKATA V ANJANEYULU B vignesh9veeru@gmail.com	View Detail
71	IR2023-862030	28-04-2023	AUTOMATIC SOLAR PANEL DUST CLEANING **TRL Title - TRL 4**	2022-23	Academic Requirement/Study Project	MEESALA NAGARARU 21u45a0226@diet.edu.in	View Detail
72	IR2023-861955	28-04-2023	Speed Synchronization of Multiple BLDC motor drive using Arduino **TRL Title - TRL 6**	2022-23	Academic Requirement/Study Project	SAI GANESH SALAPU saiganeshsalapu1@gmail.com	View Detail
73	IR2023-861929	28-04-2023	Solar Wireless Electric Vehicle Charging System **TRL Title - TRL 4**	2022-23	Academic Requirement/Study Project	P. Sandhya perlasandhya0503@gmail.com	View Detail
74	IR2023-861888	28-04-2023	Innovative Digital Energy Meter with Overload Indication and Power Theft Monitoring **TRL Title - TRL 4**	2022-23	Academic Requirement/Study Project	MULAPARTHI ADITYA SAI adityasaisurya988@gmail.com	View Detail
75	IR2023-859447	20-04-2023	Analyzing food quality with images **TRL Title - TRL 8**	2022-23	Independent Assignment/Non-academic Study Project	M.chandana mamidichandana09@gmail.com	View Detail
76	IR2022-811146	01-01-2023	BEADWIRE is alternative to steel reinforcement bars in BRCC_Enhancing mechanical properties of BEADWIRE RUBBER CEMENT CONCRETE **TRL Title - TRL 4**	2021-22	Academic Requirement/Study Project	M R V S G GUPTHA guptha1034@gmail.com	View Detail

77	IR2022-812303	11-10-2022	WIND ENERGY USE FOR HYDRO PHONICS **TRL Title - TRL 4**	2022-23	Independent Assignment/Non-academic Study Project	Javvadi shiva Jshiva@diet.edu.in 9963688497	View Detail
78	IR2022-811593	10-10-2022	Tunable Q-Wavelet Transform based Smart Relay to Isolate Faulty Zone in Microgrid **TRL Title - TRL 4**	2022-23	Academic Requirement/Study Project	S Ramana Kumar Joga srkjoga@diet.edu.in	View Detail
79	IR2022-810992	09-10-2022	IoT-Enabled smart doors for monitoring body temperature and face mask detection **TRL Title - TRL 4**	2022-23	Independent Assignment/Non-academic Study Project	Dr B. Anjanee Kumar dranjaneekumar@diet.edu.in	View Detail
80	IR2022-806898	29-09-2022	Precast partition walls by using light weight materials **TRL Title - TRL 4**	2021-22	Academic Requirement/Study Project	N RAMU hodcivil@diet.edu.in	View Detail
81	IR2022-805397	28-09-2022	IOT BASED BODY TEMPERATURE AND METAL DETECTION SCANNER **TRL Title - TRL 5**	2021-22	Academic Requirement/Study Project	Chandana Durga prasad chinnu8465857473@gmail.com	View Detail
82	IR2022-800786	26-09-2022	SMART TRAFFIC CONTROLLING SYSTEM WITH AMBULANCE DETECTION **TRL Title - TRL 4**	2021-22	Academic Research Assignment/Industry Sponsored Project	Bheemisetty Sai Praveen 20u45a0207@diet.edu.in	View Detail
83	IR2022-800785	26-09-2022	DESIGN AND IMPLEMENTATION OF UNDER GROUND CABLE FAULT DETECTOR **TRL Title - TRL 4**	2021-22	Academic Requirement/Study Project	LOKIREDDY SUNIL sunillokireddy@gmail.com	View Detail

| 84 | IR2022-800678 | 26-09-2022 | MONITORING & CONTROLLING OF ELECTRICAL ENERGY CONSUMPTION USING IOT
TRL Title - TRL 6 | 2021-22 | Academic Research Assignment/Industry Sponsored Project | SAI GANESH SALAPU
saiganeshsalapu1@gmail.com | View Detail |
| 85 | IR2022-799560 | 26-09-2022 | Prototype app for Medical Emergency
TRL Title - TRL 6 | 2020-21 | Independent Assignment/Non-academic Study Project | VAMSI INDUGU
20U41A0582@diet.edu.in
6305759187 | View Detail |

Navigation Tabs

Registration Details | Idea / PoC Repository | Innovation / Prototype Repository | Business Model / Startup | Add / Mana

Year of Started Receiving Pre-incubation/IncubationSupport for the Development of Innovation-Startup from the Institute (FY)

OverAll ▼

Total Individuals Registered:	Total Startups Submitted:	Total Startups Assigned:	Total Startups Verified:	Total Startups Recommended:
1060	10	9	7	4

Sr. No.	Startup ID	Date of Submission	Startup Title	Startup Registration Type	GST/CIN No	FY of Registration and Development	Key Innovation Name	Developed as part of	Team Lead Details
1	IR2024-899427	15-07-2024	Archana EV Solutions **TRL Title - TRL 5**	Not Yet Registered as an entity	null	null 2023-24	Archana EV Solutions	Academic Research Assignment/Industry Sponsored Project	Eerla Archana 22U45A0211@diet.ed 8897660575 Student 22U45A0211
2	IR2023-863114	30-04-2023	Metaestate **TRL Title - TRL 6**	Not Yet Registered as an entity	null	null 2022-23	Metaestate	Independent Assignment/Non-academic Study Project	Gandreti Gowtham Pat ggowtham161972@gn 9866008608 Student 21U45A0209
3	IR2022-811264	10-10-2022	Kota Online Teaching Tools **TRL Title - TRL 7**	Not Yet Registered as an entity	null	null 2020-21	Kota Online Teaching Tools	Independent Assignment/Non-academic Study Project	Dr. K. Sujatha sujathakota29@gmail. 8790534035 Entrepreneur 601
4	IR2022-811053	10-10-2022	Environment Friendly Translucent Cement Mortar Brick **TRL Title - TRL 4**			2020-21	Environment Friendly Translucent Cement Mortar Brick	Academic Requirement/Study Project	M R V S G GUPTHA guptha1034@gmail.co 7702050022 Faculty 570
5	IR2022-811035	09-10-2022	Autonomous Auto Solar Panel Cleaning Robot **TRL Title - TRL 4**	Not Yet Registered as an entity	null	null 2022-23	Autonomous Auto Solar Panel Cleaning Robot	Independent Assignment/Non-academic Study Project	Dr B. Anjanee Kumar dranjaneekumar@diet 8125611985 Faculty 893
6	IR2022-809769	01-10-2022	READY MADE NON SHINKAGE MORTAR **TRL Title - TRL 4**	Not Yet Registered as an entity	null	null 2021-22	READY MADE NON SHINKAGE MORTAR	Academic Requirement/Study Project	SUGGU NAVEEN KUMA naveenkumar@diet.ec 8919669198 Faculty 719
7	IR2022-805454	28-09-2022	IOT BASED BODY TEMPERATURE AND METAL DETECTION SCANNER **TRL Title - TRL 5**	Not Yet Registered as an entity	null	null 2021-22	IOT BASED BODY TEMPERATURE AND METAL DETECTION SCANNER	Academic Requirement/Study Project	Chandana Durga prasa chinnu8465857473@g 9063949346 Student 19U41A0507
8	IR2022-800650	26-09-2022	Electricity Generation from Low Grade Waste **TRL Title - TRL 4**	Not Yet Registered as an entity	null	null 2021-22	Electricity Generation from Low Grade Waste	Academic Research Assignment/Industry Sponsored Project	Bheemisetty Sai Prave 20u45a0207@diet.edu 9392141326 Student 20U45A0207
9	IR2022-800650	26-09-2022	Electricity Generation from Low Grade Waste **TRL Title - TRL 4**	Not Yet Registered as an entity	null	null 2021-22	Electricity Generation from Low Grade Waste	Academic Research Assignment/Industry Sponsored Project	Bheemisetty Sai Prave 20u45a0207@diet.edu 9392141326 Student 20U45A0207

| 10 | IR2022-799604 | 26-09-2022 | IRRIGATION SYSYTEM: The extension of waste water use in agriculture and the improvement of waste water use practices **TRL Title - TRL 4** | Not Yet Registered as an entity | null | null 2022-23 | IRRIGATION SYSYTEM: The extension of waste water use in agriculture and the improvement of waste water use practices | Academic Requirement/Study Project | Yellapu Yasasvi yasasvi931@gmail.com 7075221309 Student 20U41A0575 |