



## **RESEARCH ACTIVITIES REPORT CALANDER YEAR 2025 & 2026**

### **EXECUTIVE SUMMARY**

Research, innovation, and knowledge creation constitute the cornerstone of academic excellence at SRK Institute of Technology. The institution has consistently promoted a vibrant research ecosystem through policy support, infrastructure development, faculty motivation, interdisciplinary collaborations, and quality assurance initiatives coordinated by the Internal Quality Assurance Cell (IQAC). During the Calendar years 2025 and 2026, the institution demonstrated significant progress in scholarly publications, patent generation, innovation activities, and research-oriented academic engagement.

The institution's research vision is aligned with the objectives of the National Education Policy (NEP) 2020, the aspirations of becoming a multidisciplinary Deemed-to-be University, and the quality benchmarks prescribed by UGC, AICTE, NAAC, NBA, and JNTUK. Faculty members are encouraged to undertake research in emerging and interdisciplinary domains, publish in reputed journals, file patents, and collaborate with industry and research organizations.

During the Calendar years 2025 and 2026, faculty members across various departments made substantial contributions through publications in national and international journals. Research outputs were reported in disciplines such as Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Information Technology, Artificial Intelligence and Machine Learning, Data Science, Mathematics, Physics, Chemistry, and Management Studies. The publications addressed contemporary themes including sustainable materials, artificial intelligence, machine learning, data analytics, environmental sustainability, smart systems, computational sciences, and applied engineering solutions. The institution recorded a significant number of quality publications, reflecting the commitment of faculty members towards academic and research excellence.

The Calendar year 2026 witnessed further strengthening of the institution's research profile. In addition to scholarly publications, considerable emphasis was placed on innovation and intellectual property generation. Faculty members actively engaged in patent filing activities covering cutting-edge technologies such as autonomous vehicles, intelligent transportation systems, artificial intelligence-based monitoring systems, smart healthcare solutions, automation technologies, sensor fusion systems, robotics, predictive analytics, and emerging digital technologies. The increase in patent applications indicates the institution's transition from knowledge dissemination to knowledge creation and commercialization.

*K. Raveedh*

The Internal Quality Assurance Cell (IQAC) played a pivotal role in monitoring and promoting research activities. Several initiatives were undertaken to improve research productivity, including research methodology workshops, faculty development programs, intellectual property rights awareness, publication quality enhancement sessions, proposal writing workshops, and interactions with experts from academia and industry. IQAC also established mechanisms for systematic documentation of publications, patents, consultancy activities, funded projects, and faculty achievements to support accreditation, ranking, and regulatory requirements.

The institution continued to strengthen its research culture by encouraging interdisciplinary collaborations among departments. Faculty members actively participated in national and international conferences, seminars, workshops, and professional development programmes. Research findings were disseminated through peer-reviewed journals and conference proceedings, thereby enhancing the visibility and academic reputation of the institution. The institution also encouraged student participation in innovation projects, technical competitions, and research-oriented learning activities, thereby fostering a research mindset among young learners.

The research achievements recorded during these two academic years have significantly contributed to enhancing the academic standing of the institution. The increase in publications, patents, and innovation activities demonstrates the institution's commitment to excellence in teaching, research, and societal impact. These accomplishments also support the institution's strategic objective of evolving into a multidisciplinary research-intensive university capable of addressing contemporary challenges through knowledge generation and technological innovation.

The management, IQAC, Research and Development Cell, and faculty members have collectively contributed to building a sustainable research ecosystem. Moving forward, the institution aims to further strengthen research infrastructure, increase externally funded projects, establish centers of excellence, promote industry-sponsored research, enhance patent commercialization, and expand national and international collaborations.

The achievements presented in this report reflect the institution's continuous pursuit of academic excellence, innovation, and societal contribution. The research outcomes of the Calendar years 2025 and 2026 provide a strong foundation for future growth and serve as evidence of the institution's readiness to meet the expectations of statutory bodies, accreditation agencies, and expert committees evaluating the institution for higher levels of academic autonomy and university status.

  
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## **RESEARCH ACTIVITIES REPORT CALANDER YEAR 2025 & 2026**

### **1. INTRODUCTION**

Research and innovation constitute an integral part of the academic ecosystem of SRK Institute of Technology. The institution encourages faculty members and students to engage in quality research, publication of scholarly articles, patent filing, consultancy, interdisciplinary research, and industry-oriented innovation.

The IQAC has continuously facilitated research promotion through policy initiatives, capacity building programs, publication incentives, and establishment of collaborative research environments.

### **2. RESEARCH OUTPUTS C.Y.2025**

#### **2.1 Journal Publications**

During the Calendar year 2025, faculty members published research papers in reputed national and international journals indexed in UGC Care, Scopus, and peer-reviewed databases.

Key research areas include:

- Chemistry and Materials Science
- Applied Mathematics
- Artificial Intelligence and Machine Learning
- Data Science and Analytics
- Computer Science and Information Technology
- Environmental Sciences

**Total Research Publications: 83 +1 Patent**

#### **2.2 Department-wise Contributions**

Department-wise publication details are enclosed in Annexure-I.

#### **2.3 Quality Indicators**

- Publications with DOI
- Peer-reviewed journal publications
- UGC-listed journals
- International journal publications



### **3. RESEARCH OUTPUTS –C.Y. 2026**

#### **3.1 Journal Publications**

Faculty members continued publishing quality research papers in emerging areas such as Artificial Intelligence, Deep Learning, Block chain Technology, Computer Vision, Sustainable Technologies, and Smart Systems.

**Total Research Publications: 63+15 Patents**

#### **3.2 Patent Applications**

The institution witnessed a substantial increase in innovation and intellectual property creation.

Major patent application areas include:

- Autonomous Electric Vehicles
- Smart Transportation Systems
- AI-based Monitoring Systems
- Autonomous Delivery Robots
- Intelligent Traffic Management
- Sensor Fusion Technologies
- Predictive Analytics for Autonomous Vehicles

**Total Patent Applications: Significant increase during C.Y 2026.**

### **4. RESEARCH PROMOTION INITIATIVES**

The institution has undertaken the following initiatives:

- Conduct of Faculty Development Programs.
- Research Methodology Workshops.
- Intellectual Property Rights Awareness Programs.
- Incentive Scheme for Publications and Patents.
- Research Proposal Development Workshops.
- Industry-Academia Interaction Programs.
- Student Innovation Projects.



## **5. IQAC INITIATIVES FOR RESEARCH ENHANCEMENT**

The IQAC has facilitated:

- Maintenance of research database.
- Monitoring of publication quality.
- Promotion of interdisciplinary research.
- Research performance review.
- Documentation for accreditation and ranking agencies.
- Strengthening of innovation and entrepreneurship ecosystem.

## **6. IMPACT OF RESEARCH ACTIVITIES**

The research activities have contributed towards:

- Enhanced institutional visibility.
- Increased publication output.
- Improved innovation culture.
- Patent generation.
- Better industry engagement.
- Strengthening of academic reputation.

## **7. CONCLUSION**

The institution has demonstrated steady progress in research productivity during the Calendar Year 2025 & 2026 through quality publications, patent applications, and innovation-oriented activities. The IQAC shall continue to facilitate a robust research ecosystem aligned with the objectives of NEP 2020, NAAC, NBA, AICTE, UGC, and the proposed Deemed-to-be University framework.

### **Annexure:**

Annexure-I : Department-wise Publications

Annexure-II : Patent Applications

Annexure-III : Publications with DOI and Journal Details

Annexure-IV : Faculty-wise Research Contributions

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| S.No. | Title of paper                                                                                                               | Name of the author/s  | Department of the teacher | Name of journal                                                         | Year of publication |
|-------|------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|-------------------------------------------------------------------------|---------------------|
| 1     | Spectroscopic Analysis of Green Leaf Extract of Papaya With Zinc Oxide Nano-Composites and its Antibacterial Studies         | Dr. B. Sowjanya       | Chemistry                 | Rasayan J. Chem.                                                        | 2025                |
| 2     | UV Spectrophotometric method used for the analysis of torsimide in Biological Fluids and Pharmaceutical Formulations         | Dr. G. Dilli Rani     | Chemistry                 | IOSR Journal of Applied Chemistry                                       | 2025                |
| 3     | UV Spectrophotometric method used for the analysis of torsimide in Biological Fluids and Pharmaceutical Formulations         | Dr. N. Murali Krishna | Chemistry                 | IOSR Journal of Applied Chemistry                                       | 2025                |
| 4     | UV Spectrophotometric method used for the analysis of torsimide in Biological Fluids and Pharmaceutical Formulations         | Ms. J. Sucharitha     | Chemistry                 | IOSR Journal of Applied Chemistry                                       | 2025                |
| 5     | UV Spectrophotometric method used for the analysis of torsimide in Biological Fluids and Pharmaceutical Formulations         | Mr. L. Naga Raju      | Chemistry                 | IOSR Journal of Applied Chemistry                                       | 2025                |
| 6     | Vague chemical molecular groups                                                                                              | Ms. M. Ramanjani Devi | Mathematics               | International Journal For Multidisciplinary Research                    | 2025                |
| 7     | A New RP-HPLC Method for Contemporaneously determination of Floxin and Cefixime in Pharmaceutical Formulations               | Dr. B. Sowjanya       | Chemistry                 | International Journal of Environmental Sciences                         | 2025                |
| 8     | A New RP-HPLC Method for Contemporaneously determination of Floxin and Cefixime in Pharmaceutical Formulations               | Dr. G. Dilli Rani     | Chemistry                 | International Journal of Environmental Sciences                         | 2025                |
| 9     | One-Pot Synthesis of Tetrahydropyrimidines Chromen using Indium Chloride as the Catalyst and its Biological Activity         | Dr. B. Sowjanya       | Chemistry                 | Rasayan J. Chem.                                                        | 2025                |
| 10    | Enhancing the Accuracy of Earthquake Early Warning Systems using a Hybrid Support Vector Machine and Random Forest Framework | Dr K.Ramesh           | CE                        | IEEE                                                                    | 2025                |
| 11    | Optimization of Mix Design for Self Compacting Concrete Using Artificial Neural Networks                                     | P.Vamsi Krishna       | CE                        | International Journal of Engineering Technology and Management Sciences | 2025                |
| 12    | Optimization of Mix Design for Self Compacting Concrete Using Artificial Neural Networks                                     | Ch. Rajesh            | CE                        | International Journal of Engineering Technology and Management Sciences | 2025                |
| 13    | Design and implimentation of IoT based flat fish Classification using throughput misson version                              | Dr V Sekhar Babu      | ECE                       | International conference on Artitificial                                | 2025                |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----|------------------------------------------------------------------------|------|
| 14 | Rear collision avoidance system using Machine learning integrated with arduino                                                          | Dr S Sri Gowri                                          | ECE | The Bio Scan The international Quarterly Journal of Life Sciences      | 2025 |
| 15 | Design and Implimentation of area efficient AEDS using S_box                                                                            | Dr.D Ravi Tej                                           | ECE | The International journal of analytical and exprimental model analysis | 2025 |
| 16 | Swarm UAVS with FSO systems :A Performance Analysis using Differential chaos Shift keying modulation                                    | Mr B Ravi                                               | ECE | Optical and Quantum Electronics                                        | 2025 |
| 17 | Design a high speed Fault Tolerent Multiplier using BRENT KUNG Adder                                                                    | Mr B Ravi                                               | ECE | The International journal of analytical and exprimental model analysis | 2025 |
| 18 | An Effective Approach of Lung Cancer Detection Using Xception- Driven with Optimized Feature Fusion                                     | M.Anitha                                                | MCA | JISEM                                                                  | 2025 |
| 19 | An Effective Approach of Lung Cancer Detection Using Xception- Driven with Optimized Feature Fusion                                     | K.Baby Ramya                                            | MCA | JISEM                                                                  | 2025 |
| 20 | Design Thinking: A Human Centered Framework for Innovation                                                                              | Mr. Abdul Altaf                                         | MBA | International Journal of Management, Technology and Engineering        | 2025 |
| 21 | Sustainability Practices and Perspectives of Plastic Manufactures In chittor District: Towards Circular Economy Solutions               | B.Krishnaiah                                            | MBA | Journal of International Commercial law and Technology                 | 2025 |
| 22 | Operational Research and Reconstruction Methods in Medical Imaging                                                                      | Dr. V. Sreenivas                                        | CSD | International Journal of Computational and Experimental Science and    | 2025 |
| 23 | A Comparative Assessment for Examing the Performing the Performance of Reconfigurable Multiband MIMO Antennas for Communication Systems | Dr. V. Sreenivas                                        | CSD | Journal of Information Systems Engineering and Management              | 2025 |
| 24 | A Novel Hybrid Optimization Tuned Deep-Long Short-Term Memory Model in COVID-19 Chest CT Image Segmentation                             | Dr. V. Sreenivas                                        | CSD | Journal of Information Systems Engineering and Management              | 2025 |
| 25 | Convolutional Attention-Based Bidirectional Recurrent Neural-Network for Human Recognition                                              | Dr. V. Sreenivas                                        | CSD | WILEY                                                                  | 2025 |
| 26 | Data Driven Customer Churn Prediction in E-Commerce: A Machine Learning Approach for Data Science                                       | V.Ravi Charan, K.Vasuki, RV Sai Keerthana, D.Neela Rao, | CSD | IJIRCCE                                                                | 2025 |
| 27 | A Effective Approach for Dynamic Pricing using DL-Optimizer                                                                             | K.Mallika, D.Teja sri, K.Achsah, S.Ruthvik Chowdary     | CSD | IJIRCCE                                                                | 2025 |
| 28 | Big Data Driven Credit Card Fraud Detection in Banking                                                                                  | Shaik fara, V.Keerthi, K.Vishwesh, J.Nikhitha           | CSD | IJIRCCE                                                                | 2025 |
| 29 | Drowsiness Detection System using CNN and Python Flask                                                                                  | Ch.Neha Kamal, D.Jyoti Kavya sri, M.jay Shnkar,         | CSD | IJIRCCE                                                                | 2025 |
| 30 | Predictive Analytics Model using Machine Learning Techniques for Health Care Diagnosis                                                  | D.Jyothi, T.Nikhitha, P.Srikanth, V.Yogesh              | CSD | IJIRCCE                                                                | 2025 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------|------------------------------------------------------------|------|
| 31 | Mental Health Prediction using Machine and Ensemble Learning                                                                                                                                                                              | Y.Naga Surya,<br>A.Sadwika, GBVSS                              | CSD       | IJRCCE                                                     | 2025 |
| 32 | Predictive Analytics for Insurance Claims by using Machine Learning Techniques                                                                                                                                                            | G.Divya Sro,Md. Shoaib,<br>V.Pavani,P.Subhash                  | CSD       | IJRCCE                                                     | 2025 |
| 33 | Accurate Face Recognition System using VGG Net                                                                                                                                                                                            | M.Yukthesh,<br>K.Sowmya sri,A.Sowmya,N.Sak eth                 | CSD       | IJRCCE                                                     | 2025 |
| 34 | Enhanced Stock Market Prediction: Ensemble Learning Methods                                                                                                                                                                               | Shaik.Tajuddin,S.Sus hma,P.Sai Baji,K.Sri Chakresh             | CSD       | IJRCCE                                                     | 2025 |
| 35 | Advanced Machine Learning Models for Earthquake Forecasting                                                                                                                                                                               | G.Yamini Aswitha,G.Revathi,K .Lavanya, K.Surendra              | CSD       | IJRCCE                                                     | 2025 |
| 36 | Weather Forecasting using Big Data Map Reduce Prediction Approach                                                                                                                                                                         | M.Susmitha,G.Vagde vi,M.Nagapranathi, K.Lakshman Kumar         | CSD       | IJRCCE                                                     | 2025 |
| 37 | Financial Risk assessment using Ensemble Machine Models for Accurate Credit Score                                                                                                                                                         | P.Sncha,E.Chaitanya Krishna, Sk.Naga Subhash, U.Sarada         | CSD       | IJRCCE                                                     | 2025 |
| 38 | Brain Tumor Detection Using Deep Learning Advanced Algorithms                                                                                                                                                                             | P.Mohana Sree Andal, K.Pranav Chakradhar, R.Bhavana, I.Haritha | CSD       | IJRCCE                                                     | 2025 |
| 39 | Fundamentals of Computer Systems and C <u>Prograamming</u>                                                                                                                                                                                | Dr V.Sreenivas                                                 | CSD       | Book                                                       | 2025 |
| 40 | Optimizing Smart Grids with Blockchain Driven Automation and Demand Response                                                                                                                                                              | Dr. P. Bhavana                                                 | EEE       | IJAAS                                                      | 2025 |
| 41 | Real-time vehicle detection and speed estimation system using Raspberry Pi and camera module                                                                                                                                              | Dr. P. Bhavana                                                 | EEE       | Bulletin of Electrical Engineering and Informatics         | 2025 |
| 42 | Chapter Name: Enhanced deepfake video classification and detection: A ResNext-LSTM approach for improved accuracy,<br>Title of the Book: Data Science & Exploration in Artificial Intelligence, Edition1st Edition, First Published 2025, | Dr.D.Anusha                                                    | CSE-AI&ML | Imprint CRC Press,                                         | 2025 |
| 43 | VRBR-NET: A NOVEL DEEP LEARNING MODEL FOR THERMOGRAPHIC BREAST CANCER DETECTION”                                                                                                                                                          | Dr.D.Anusha                                                    | CSE-AI&ML | Journal of Theoretical and Applied Information Technology  | 2025 |
| 44 | An Effective Approach of Lung Cancer Detection Using Xception-Driven with Optimized Feature Fusion                                                                                                                                        | Dr.D.Anusha                                                    | CSE-AI&ML | Journal of Information Systems Engineering and Management, | 2025 |
| 45 | Design patent Granted :Enabled Device for Skin Cancer Detection                                                                                                                                                                           | Dr.D.Anusha                                                    | CSE-AI&ML | UK Intellectual Property Office,                           | 2025 |
| 46 | Published Paternrt: AI Powered Cyber Security Systems                                                                                                                                                                                     | Dr.D.Anusha                                                    | CSE-AI&ML | IPR India                                                  | 2025 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|---------------------------------------------------------------------------------------------------------------|------|
| 47 | Speech Emotion Detection                                                                                                                                                   | Mr.S.Nageswara Rao    | CSE-AI&ML | Advancing Sustainable Development Goals through Innovation, Technology, Health Sciences and Human Development | 2025 |
| 48 | Securing IoT network with hybrid evolutionary lion intrusion detection system: a composite motion optimisation algorithm for feature selection and ensemble classification | Dr. A Stanly Kumar    | ME        | Journal of Experimental & Theoretical Artificial Intelligence                                                 | 2025 |
| 49 | Optimizing The Mechanical Properties of AS21 Magnesium Alloy/SiC-TiO2 Hybrid Composites by Taguchi Method                                                                  | Dr.D Rognatha Rao     | ME        | Revue des Composites et des Matériaux Avancés- Journal of Composite and Advanced Materials                    | 2025 |
| 50 | Integrated Airlines Wheels(PATENT)                                                                                                                                         | Mr. U Sai Krishna     | ME        | The patent Office government of India                                                                         | 2025 |
| 51 | Innovative Hospital Management System: A Real Time Surgery Scheduling System                                                                                               | Dr. A. Radhika        | CSE       | International Journal Of Creative Research Thoughts                                                           | 2025 |
| 52 | A Developer Center Using Bug Prediction Model                                                                                                                              | Dr. A. Radhika        | CSE       | International Journal Of Creative Research Thoughts                                                           | 2025 |
| 53 | IOT Driven Smart Lightning System & U Turn Motion Detection                                                                                                                | Dr. A. Radhika        | CSE       | International Research Journal Of Engineering And Technology(Irjet)                                           | 2025 |
| 54 | Privacy Focused Dynamic Searchable Symmetric Encryption For Medical Cloud Environments                                                                                     | Dr. A. Radhika        | CSE       | International Journal Of Innovative Research In Technology (IJIRT)                                            | 2025 |
| 55 | A Developer Center Using Bug Prediction Model                                                                                                                              | Dr. A. Radhika        | CSE       | IJCRT - International Journal Of Creative Research Thoughts                                                   | 2025 |
| 56 | Coursemate The Learning And Placement Material Companion                                                                                                                   | Dr. A. Radhika        | CSE       | International Journal Of Innovative Research In Technology (IJIRT)                                            | 2025 |
| 57 | Skip The Line: A Queue Free Medicine Dispensing For In House Pharmacies                                                                                                    | Dr. K. Chaitanya      | CSE       | IJCRT - International Journal Of Creative Research Thoughts                                                   | 2025 |
| 58 | Forensic Evidence Protection System Using Block Chain Technology                                                                                                           | Dr. K. Chaitanya      | CSE       | International Journal Of Advanced                                                                             | 2025 |
| 59 | IOT Revolution In Road Safety :Preventing Accidents And Saving Lives                                                                                                       | Dr. K. Chaitanya      | CSE       | IJCRT - International Journal Of Creative Research Thoughts                                                   | 2025 |
| 60 | Integrated Plagiarism Detection System For Text And Image Based Content In Documents                                                                                       | Dr. P. Srinivas Kumar | CSE       | IJCRT - International Journal Of Creative Research Thoughts                                                   | 2025 |
| 61 | Youtube Comments Extraction Using NLP                                                                                                                                      | Dr. P. Srinivas Kumar | CSE       | International Journal of Creative Research Thoughts                                                           | 2025 |

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|----|-------------------------------------------------------------------------------------|-----------------------|-----|----------------------------------------------------------------------------------------|------|
| 62 | Comprehensive Career Advancement Interface                                          | Dr. P. Srinivas Kumar | CSE | International Journal of Creative Research Thoughts                                    | 2025 |
| 63 | Integrated Plagiarism Detection System For Text And Image Based Content In Document | Dr. P. Srinivas Kumar | CSE | Journal of Information Systems Engineering And Management                              | 2025 |
| 64 | Face Morphing Detection With Gan Based Deep Learning Models                         | D .V. Subba Rao       | CSE | Ijcert - International Journal Of Creative Research Thoughts                           | 2025 |
| 65 | Trust And Fraud Prevention : A Block Chain Based Crowdfunding Platform              | Dr. D .Sarvana Priya  | CSE | International Journal Of Novel Research And Development                                | 2025 |
| 66 | Interface Attack Resistant E Health Care System With Fine Grained Access Control    | Ch.Ambedkar           | CSE | Ijcert - International Journal Of Creative Research Thoughts                           | 2025 |
| 67 | Smart Blind Aid Stick:Enhancing Mobility & Safety                                   | R. P. Jyoth Singh     | CSE | IJCRT - International Journal Of Creative Research Thoughts                            | 2025 |
| 68 | Enhancing Online Shopping With MI Based Product Comparision                         | D.Nalini Kumari       | CSE | International Journal of Innovative Research In Computer And Communication Engineering | 2025 |
| 69 | Real Time Face Aging Progression Using Gan                                          | K. Jairam             | CSE | International Journal of Creative Research Thoughts                                    | 2025 |
| 70 | REAL-TIME STOCK PRICE PREDICTION SYSTEM USING AI TECHNIQUES                         | Ms. Amritha Mishra,   | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 71 | A Novel Automated CHF Prediction System Through Heartbeat Using ML Technique        | Ms. Amritha Mishra,   | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 72 | A Deep Learning-Based Approach for Brain Tumor Detection in Medical Image           | Ms. Amritha Mishra,   | IT  | Journal of Emerging Technologies and Innovative Research (JETIR)                       | 2025 |
| 73 | Automated Precision For Kidney Stone Detection Using Cnn                            | Ms. Amritha Mishra,   | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 74 | Blood Group Detection Using Image Processing For Fingerprint Analysis               | Ms. Amritha Mishra,   | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 75 | Insomnia And Sleep Apnea Disease Detection Using Machine Learning                   | Dr.G.SriLakshmi       | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 76 | An Empirical Simulation - Based On Smart Multilingual Speech Translation            | Dr.G. SriLakshmi      | IT  | International Journal of Creative Research Thoughts                                    | 2025 |
| 77 | GESTURE AND VOICE CONTROLLED VIRTUAL MOUSE                                          | Dr.G. SRI LAKSHMI     | IT  | Journal of Emerging Technologies and Innovative Research                               | 2025 |
| 78 | Adaptive chatbot for Neo-Learn Using Deep Learning                                  | Dr.G. SRI LAKSHMI     | IT  | International Journal of Creative Research Thoughts                                    | 2025 |

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|----|----------------------------------------------------------------------------------------|-------------------|----|-------------------------------------------------------------|------|
| 79 | Lumbar Disease Classification Using Deep Learning                                      | Dr.G. SRI LAKSHMI | IT | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 80 | REAL-TIME CODE DEBUGGING, SUGGESTIONS AND LEARNING ASSISTANT USING AI                  | DR.G.D.K.Kishore  | IT | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 81 | Real-Time Human Facial Expression And Stress Recognition Using Cnn                     | DR.G.D.K.Kishore  | IT | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 82 | Exploring Blockchain Technology: An Introductory Perspective on Its Role in Healthcare | Dr.G. SRI LAKSHMI | IT | International Journal of Basic and Applied Sciences         | 2025 |
| 83 | Transformer based UNet for Semantic Segmentation on Aerial Imagery                     | Dr.G. SRI LAKSHMI | IT | Journal of Information Systems Engineering and Management   | 2025 |

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| S.No. | Title of paper                                                                                                         | Name of the author/s | Department of the teacher | Name of journal                                                                                                | Year of publication |
|-------|------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|----------------------------------------------------------------------------------------------------------------|---------------------|
| 1     | Real-time vehicle detection and speed estimation system using Raspberry Pi and camera module                           | Dr. P. Bhavana       | EEE                       | Bulletin of Electrical Engineering and Informatics                                                             | 2026                |
| 2     | IoT Climate Change Monitoring System using ESP 32                                                                      | Mr B Ravi            | ECE                       | International journal of innovate research in Technology                                                       | 2026                |
| 3     | Sustainable and Green AI: A Narrative of Responsibility Amid Generative Technologies                                   | Mr P. Vamsi Krishna  | CE                        | Book Chapter                                                                                                   | 2026                |
| 4     | Atheoretical Framework for Digital Sustainability Accounting Communication and Investor Trust in Green Finance         | Dr B.Krishnaiah      | MBA                       | Journal of Theoretical Accounting Research                                                                     | 2026                |
| 5     | Aegis Earth: A Multi – Modal Machine Learning Framework for Real – Time Asteroid Impact Prediction and Risk Mitigation | Dr.D.Anusha          | CSE-AI&ML                 | International Journal for Research in Applied Sciences & Engineering Technology, (IJRASET)                     | 2026                |
| 6     | Real Time Indian Sign Language Recognition and MultiLingual AIChatBot                                                  | Dr.D.Anusha          | CSE-AI&ML                 | International Journal for Research in Applied Sciences & Engineering Technology, (IJRASET)                     | 2026                |
| 7     | Disease Detection in Gastrointestinal Endoscopic Images Using Deep Learning                                            | Dr.D.Anusha          | CSE-AI&ML                 | Advancing Sustainable Development Goals through Innovation, Technology, Health Sciences and Human Development” | 2026                |

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|----|---------------------------------------------------------------------------------------------|---------------------------|-----------|---------------------------------------------------------------------------------------------------------------|------|
| 8  | Disease Detection in Gastrointestinal Endoscopic Images Using Deep Learning                 | Dr.D.Anusha               | CSE-AI&ML | International Research Journal on Advanced Engineering Hub                                                    | 2026 |
| 9  | Smart Email Sorting: A Machine Learning Approach for Enhanced Productivity                  | Ms.Ch.Jeevana Priya       | CSE-AI&ML | International Journal for Research in Applied Science and Engineering Technology                              | 2026 |
| 10 | Stress Detection Based on Facial Expression                                                 | Dr.D.Anusha               | CSE-AI&ML | Advancing Sustainable Development Goals through Innovation, Technology, Health Sciences and Human Development | 2025 |
| 11 | PhishGuard: Phishing URL Detection Using Federated Learning and Transformer Networks        | Ms.B.Santoshi             | CSE-AI&ML | International Research Journal on Advanced Engineering Hub                                                    | 2026 |
| 12 | Policy Advisor.ai: An Intelligent Policy Recommendation System                              | Dr.D.Anusha               | CSE-AI&ML | International Journal for Research in Applied Science and Engineering Technology                              | 2026 |
| 13 | Plant Leaf Detection and Pesticide Recommendation System Using Deep Learning                | Ms.B.Kanaka Durga Devi    | CSE-AI&ML | International Journal for Research in Applied Science and Engineering Technology                              | 2026 |
| 14 | AI Powered Automation Companion: A Semantic aware on device mobile automation framework     | Dr.D.Anusha               | CSE-AI&ML | International Research Journal on Advanced Engineering and Management                                         | 2026 |
| 15 | Deep Fake Detection System                                                                  | Ms.Ch.Jeevana Priya       | CSE-AI&ML | International Journal for Research in Applied Science and Engineering Technology                              | 2026 |
| 16 | Automated Machine Learning Deployment System Using MLOPS                                    | Ms.M.Venkata Maha Lakshmi | CSE-AI&ML | International Research Journal on Advanced Engineering Hub                                                    | 2026 |
| 17 | Enhancing Chronic Kidney Disease Diagnosis Through Deep Learning-Based Predictive Analytics | Dr. A. Radhika            | CSE       | International Research Journal on Advanced Engineering Hub                                                    | 2026 |
| 18 | Block Chain Integrated Secure Image Stegnography Using Ipfs And Ethereum Sepolia Testnet    | Dr. A. Radhika            | CSE       | International Research Journal on Advanced Engineering And Management                                         | 2026 |
| 19 | Nexa: An Intelligent Conversational Framework For Automated Customer Support System         | G.M. Padmaja              | CSE       | International Research Journal On Advanced Engineering And                                                    | 2026 |

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| 20 | Project Vion: A Fully Functional Ai-Powered Chatbot                                                               | R. Jyoth Singh        | CSE | International Research Journal on Advanced Engineering Hub            | 2026 |
| 21 | Harvestify - Smart Innovative Agriculture System                                                                  | K. Krupa              | CSE | International Research Journal On Advanced Engineering And Management | 2026 |
| 22 | Fresh Bloom                                                                                                       | V .V. .G. Prasanthi   | CSE | International Research Journal On Advanced Engineering And            | 2026 |
| 23 | An Intelligent Question Paper Generation System Using Block Chain Technology                                      | Dr. P. Srinivas Kumar | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 24 | Aurora: An Ai Refactoring Code Refactoring Advisor                                                                | k Rajya Guru Sai Sri  | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 25 | Medicare Pharmacy: Medical Drgu Analyzer And Recommendation System                                                | V .V. .G. Prasanthi   | CSE | International Research Journal On Advanced Engineering Hub (IRJAEH)   | 2026 |
| 26 | Car Theft Detection Using Face Recognition                                                                        | B .Ramya              | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 27 | Smart Student Hub: A Unified Academic Management Portal                                                           | Ch.Ambedkar           | CSE | International Research Journal On Advanced Engineering Hub (IRJAEH)   | 2026 |
| 28 | Citizenconnect: An Ai And Block Chain Powered Mobile Griverance Redressal System                                  | Dr. P. Srinivas Kumar | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 29 | Campus Alumni Hub                                                                                                 | Dr. A. Radhika        | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 30 | Vulnerability & Threat Scanner Using Artificial Intelligence                                                      | P. JyostnaKumari      | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 31 | Real Time Vision Explorer: Object Recognition And Multilingual Voice Naration                                     | Dr. A. Radhika        | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 32 | Certchain: A Scalable, Privacy Preserving Block Chain Framework For Tamper Proof Academic Credential Verification | Ch.Pavani             | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |
| 33 | Iot Based Real Time Wild Animal Detection And Alert System Using Deep Learning And Multi Sensor Integration       | K. Jairam             | CSE | International Research Journal On Advanced Engineering Hub            | 2026 |

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|----|-------------------------------------------------------------------------------------------------------------|-----------------------|-----|----------------------------------------------------------------------------------------|------|
| 34 | Automatic Wastage Segregation System And Environment Awareness Application                                  | D.Nalini Kumari       | CSE | International Journal of Innovative Research In Computer And Communication Engineering | 2026 |
| 35 | Ai Based Retinal Disease Detection Using Deep Learning                                                      | Ch. Ambedkar          | CSE | International Journal of Engineering Technology and Management Sciences                | 2026 |
| 36 | Dual-Modal Machine Learning Model Of The Prediction Of Alzheimer'S Disease                                  | P. Jyostna Kumari     | CSE | International Research Journal of Novel Research And Development                       | 2026 |
| 37 | Smart Campus Transmit System Using Real - Time Face Recognition And Flask Based Automated Access Monitoring | Dr. A. Radhika        | CSE | International Research Journal On Advanced Engineering Hub                             | 2026 |
| 38 | Telecom Big Data Analytics Using Pyspark                                                                    | G.M. Padmaja          | CSE | International Journal of Novel Research And Development                                | 2026 |
| 39 | Docbot: Intelligent Document Chatbot Using Artificial Intelligence And Natural Language Processing          | Dr. P. Srinivas Kumar | CSE | International Journal of Novel Research And Development                                | 2026 |
| 40 | Intelligent Voice - Activated Virtual Avatar With Real - Time Gender Detection                              | Dr. A. Radhika        | CSE | International Research Journal on Advanced Engineering Hub                             | 2026 |
| 41 | E - Commerce Product Price Tracker                                                                          | Ch.Pavani             | CSE | International Journal of Novel Research And Development                                | 2026 |
| 42 | Secure File Sharing System With Encryption                                                                  | K .Krupa              | CSE | International Journal of Novel Research And Development                                | 2026 |
| 43 | Style Ai: An Integrataed Ai Driven Framework For Virtual Wardrobe Management And Fashion Try - On           | D.Nalini Kumari       | CSE | International Journal on Advanced Engineering And Management                           | 2026 |
| 44 | Ai - Powered Gastro-Intestinal Disease Classification With Explainable Insights                             | G.M. Padmaja          | CSE | International Journal of Novel Research And Development                                | 2026 |
| 45 | IoT-Based Smart Helmet For Accident Detection And Rider Safety                                              | Dr. P. Srinivas Kumar | CSE | International Journal of Novel Research and Development                                | 2026 |
| 46 | Block Chain-Based Feedback Form System For College Management                                               | R. Jyoth Singh        | CSE | International Journal of Novel Research and Development                                | 2026 |
| 47 | Auralytica: An Ai-Powered Intelligent Recruitment And Job Matching                                          | Dr.K.Chaitanya        | CSE | International Research Journal on Advanced Engineering Hub                             | 2026 |
| 48 | IoT-Based Real-Time Weather And Disaster Management System Using Machine Learning                           | Dr.K.Chaitanya        | CSE | International Research Journal on Advanced Engineering Hub                             | 2026 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|-----------------------------------------------------------------------|------|
| 49 | IoT Smart Home: Real Time Energy Monitoring & AI-Driven Automation                                                                                          | Dr.K.Chaitanya        | CSE | International Research Journal Of Novel Research And Development      | 2026 |
| 50 | AR-Based Study Helper: An Interactive 3D Learning System For Education                                                                                      | K. Jairam             | CSE | International Research Journal on Advanced Engineering and Management | 2026 |
| 51 | AI- Powered Multi-Model Interviewer : An Integrated Framework For Automated Candidate Evaluation Using Speech Recognition,Nlp,And Facial Emotional Analysis | Dr.K.Chaitanya        | CSE | International Research Journal on Advanced Engineering Hub            | 2026 |
| 52 | Soul Sync                                                                                                                                                   | K. Rajya Guru Sai Sri | CSE | International Research Journal Of Novel Research And Development      | 2026 |
| 53 | Sign-Sense : An AI-Based System To Help Deaf,Dumb,And Blind People To Communicate                                                                           | B. Ramya              | CSE | International Research Journal Of Novel Research And Development      | 2026 |

  
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 Approved by AICTE, An Autonomous Institution, Affiliated to JNTUK, Kakinada  
 ISO 9001:2015 Certified Institution, Accredited with NBA and NAAC 'A' Grade **ANNEXURE II**

| S.No. | Title of Patent                                                                        | Name of the author/s | Department of the teacher | Name of patent office    | Year of publication | Patent number   |
|-------|----------------------------------------------------------------------------------------|----------------------|---------------------------|--------------------------|---------------------|-----------------|
| 1     | Artificial Intelligence enabled Fire fighting Drone                                    | Dr S Sri Gowri       | ECE                       | The Patent Office<br>GoI | 2025                | ISSN:455082-001 |
| 2     | Smart Inter Modal Autonomous EV for Urban Delivery                                     | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641053075    |
| 3     | Safety Based Voice Controlled Autonomous Vehicle                                       | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641059333    |
| 4     | Energy Usage Profiling and Optimization Using AI-Based Monitoring Systems.             | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641059341    |
| 5     | Sensor Fusion: Campus                                                                  | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641059349    |
| 6     | Real Time Road Condition Monitoring System Using Sensor-Fusion for Autonomous Vehicles | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641059359    |
| 7     | Smart Car Model for Automatic Speed Adjustment using Road Traffic Sign Detection       | Dr. P. Bhavana       | EEE                       | The Patent Office<br>GoI | 2026                | 202641059361    |

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|----|----------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------------------|------|--------------|
| 8  | Adaptive Cruise Control and Lane-Merging For Autonomous Vehicles Using Predictive Analysis                           | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641060281 |
| 9  | Demand Responsive Transport System with Priority-Aware Dynamic routing                                               | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641060352 |
| 10 | Adaptive Cruise Control and Lane Keeping Assistant for Autonomous Vehicles                                           | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641060479 |
| 11 | EV Highway Energy Consumption Prediction Using Road and Traffic Context                                              | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641049523 |
| 12 | RFID & Fingerprint Based Secure Electronic Voting Machine Using Embedded System                                      | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641061220 |
| 13 | Lane Change Assist System using Blind Spot Monitoring and Automatic Emergency Braking System for Autonomous Vehicles | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641062265 |
| 14 | Vehicle Intrusion Detection                                                                                          | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641062275 |

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|----|--------------------------------------------------------------------------------------------------|----------------|-----|--------------------------|------|---------------|
| 15 | Vision-Based Segmentation and Control for Autonomous Driving in Complex Indian Road Environments | Dr. P. Bhavana | EEE | The Patent Office<br>Gol | 2026 | 202641062610  |
| 16 | IoT based road accident prevention and Assistance system with GSM, GPS, Telegram Bot Integration | Dr S Sri Gowri | ECE | The Patent Office<br>Gol | 2026 | 202641062416A |

*K. Raveesh*

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| S.No. | Title of paper                                                                                                               | Name of the author/s  | Department of the teacher | Name of journal                                                         | Year of publication | ISSN number                        | DOI                                             | Link to the recognition in UGC enlistment of the Journal                                                                                                                                                                                                                                        |
|-------|------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------|-------------------------------------------------------------------------|---------------------|------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Spectroscopic Analysis of Green Leaf Extract of Papaya With Zinc Oxide Nano-Composites and its Antibacterial Studies         | Dr. B. Sowjanya       | Chemistry                 | Rasayan J. Chem.                                                        | 2025                | 0974-1496<br>e-ISSN: 0976-0083     | 10.31788/RJC.2025.1819176                       | <a href="http://doi.org/10.31788/RJC.2025.1819176">http://doi.org/10.31788/RJC.2025.1819176</a>                                                                                                                                                                                                 |
| 2     | UV Spectrophotometric method used for the analysis of torsiimide in Biological Fluids and Pharmaceutical Formulations        | Dr. G. Dilli Rani     | Chemistry                 | IOSR Journal of Applied Chemistry (IOSR-JAC)                            | 2025                | e-ISSN: 2278-5736                  | 10.9790/5736-1804010106                         | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                                                                                                                                                                                   |
| 3     | UV Spectrophotometric method used for the analysis of torsiimide in Biological Fluids and Pharmaceutical Formulations        | Dr. N. Murali Krishna | Chemistry                 | IOSR Journal of Applied Chemistry (IOSR-JAC)                            | 2025                | e-ISSN: 2278-5736                  | 10.9790/5736-1804010106                         | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                                                                                                                                                                                   |
| 4     | UV Spectrophotometric method used for the analysis of torsiimide in Biological Fluids and Pharmaceutical Formulations        | Ms. J. Sucharitha     | Chemistry                 | IOSR Journal of Applied Chemistry (IOSR-JAC)                            | 2025                | e-ISSN: 2278-5736                  | 10.9790/5736-1804010106                         | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                                                                                                                                                                                   |
| 5     | UV Spectrophotometric method used for the analysis of torsiimide in Biological Fluids and Pharmaceutical Formulations        | Mr. L. Naga Raju      | Chemistry                 | IOSR Journal of Applied Chemistry (IOSR-JAC)                            | 2025                | e-ISSN: 2278-5736                  | 10.9790/5736-1804010106                         | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                                                                                                                                                                                   |
| 6     | Vague chemical molecular groups                                                                                              | Ms. M. Ramanjani Devi | Mathematics               | International Journal For Multidisciplinary Research                    | 2025                | e-ISSN: 2582-2160                  | doi.org/10.36948/ijfmr.2025.v07i04.54488        | <a href="https://doi.org/10.36948/ijfmr.2025.v07i04.54488">https://doi.org/10.36948/ijfmr.2025.v07i04.54488</a>                                                                                                                                                                                 |
| 7     | A New RP-HPLC Method for Contemporaneously determination of Floxin and Cefixime in Pharmaceutical Formulations               | Dr. B. Sowjanya       | Chemistry                 | International Journal of Environmental Sciences                         | 2025                | ISSN: 2229-7359                    | doi.org/10.64252/evkfm92                        | <a href="https://doi.org/10.64252/evkfm92">https://doi.org/10.64252/evkfm92</a>                                                                                                                                                                                                                 |
| 8     | A New RP-HPLC Method for Contemporaneously determination of Floxin and Cefixime in Pharmaceutical Formulations               | Dr. G. Dilli Rani     | Chemistry                 | International Journal of Environmental Sciences                         | 2025                | ISSN: 2229-7359                    | doi.org/10.64252/evkfm92                        | <a href="https://doi.org/10.64252/evkfm92">https://doi.org/10.64252/evkfm92</a>                                                                                                                                                                                                                 |
| 9     | One-Pot Synthesis of Tetrahydropyrimidines Chromen using Indium Chloride as the Catalyst and its Biological Activity         | Dr. B. Sowjanya       | Chemistry                 | Rasayan J. Chem.                                                        | 2025                | ISSN: 0974-1496<br>ISSN: 0976-0083 | doi.org/10.31788/RJC.2025.1839303               | <a href="http://doi.org/10.31788/RJC.2025.1839303">http://doi.org/10.31788/RJC.2025.1839303</a>                                                                                                                                                                                                 |
| 10    | Enhancing the Accuracy of Earthquake Early Warning Systems using a Hybrid Support Vector Machine and Random Forest Framework | Dr K.Ramesh           | CE                        | IEEE                                                                    | 2025                | ISBN: 979-8-3315-9756-6            |                                                 | <a href="https://ieeexplore.ieee.org/document/11337120">https://ieeexplore.ieee.org/document/11337120</a>                                                                                                                                                                                       |
| 11    | Optimization of Mix Design for Self Compacting Concrete Using Artificial Neural Networks                                     | P.Vamsi Krishna       | CE                        | International Journal of Engineering Technology and Management Sciences | 2025                | ISSN: 2581-4621                    | https://doi.org/10.46647/ijetms.2025.v09i03.025 | <a href="https://www.researchgate.net/publication/392063_OPTIMIZATION_OF_MIX_DESIGN_FOR_SELF_COMPACTING_CONCRETE_USING_ARTIFICIAL_NEURAL_NETWORKS">https://www.researchgate.net/publication/392063_OPTIMIZATION_OF_MIX_DESIGN_FOR_SELF_COMPACTING_CONCRETE_USING_ARTIFICIAL_NEURAL_NETWORKS</a> |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----|---------------------------------------------------------------------------------|------|-------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | Optimization of Mix Design for Self Compacting Concrete Using Artificial Neural Networks                                                  | Ch. Rajesh       | CE  | International Journal of Engineering Technology and Management Sciences         | 2025 | ISSN: 2581-4621   | <a href="https://doi.org/10.46647/ijetms.2025.v09i03.025">https://doi.org/10.46647/ijetms.2025.v09i03.025</a>             | <a href="https://www.researchgate.net/publication/393492063_OPTIMIZATION_OF_MIX_DESIGN_FOR_SELF_COMPACTING_CONCRETE_USING_ARTIFICIAL_NEURAL_NETWORKS">https://www.researchgate.net/publication/393492063_OPTIMIZATION_OF_MIX_DESIGN_FOR_SELF_COMPACTING_CONCRETE_USING_ARTIFICIAL_NEURAL_NETWORKS</a> |
| 13 | Design and implementation of IoT based flat fish Classification using throughput misson version                                           | Dr V Sekhar Babu | ECE | International conference on Artificial intelligence                             | 2025 |                   |                                                                                                                           |                                                                                                                                                                                                                                                                                                       |
| 14 | Rear collision avoidance system using Machine learning integrated with arduino                                                            | Dr S Sri Gowri   | ECE | The Bio Scan The international Quarterly Journal of Life Sciences               | 2025 | ISSN:0973-7049(P) | <a href="http://doi.org/10.63001/tbs.2025.v20.i02.S2.pp278-283">http://doi.org/10.63001/tbs.2025.v20.i02.S2.pp278-283</a> | <a href="https://thebioscan.com/index.php/pub/article/view/3395/2828">https://thebioscan.com/index.php/pub/article/view/3395/2828</a>                                                                                                                                                                 |
| 15 | Design and Implimentation of area efficient AEDES using S_box                                                                             | Dr.D Ravi Tej    | ECE | The International journal of analytical and exprimental model analysis          | 2025 | ISSN:08869367     |                                                                                                                           |                                                                                                                                                                                                                                                                                                       |
| 16 | Swarm UAVS with FSO systems :A Performance Analysis using Differential chaos Shift keying modulation                                      | Mr B Ravi        | ECE | Optical and Quantum Electronics                                                 | 2025 | ISSN:57-587       | <a href="http://doi.org/10.1007/s11082-025-08492-7">http://doi.org/10.1007/s11082-025-08492-7</a>                         |                                                                                                                                                                                                                                                                                                       |
| 17 | Design a high speed Fault Tolerent Multiplier using BRENT KUNG Adder                                                                      | Mr B Ravi        | ECE | The International journal of analytical and exprimental model analysis          | 2025 | ISSN:0886-9367    |                                                                                                                           |                                                                                                                                                                                                                                                                                                       |
| 18 | An Effective Approach of Lung Cancer Detection Using Xception- Driven with Optimized Feature Fusion                                       | M.Anitha         | MCA | JISEM                                                                           | 2025 | ISSN:2468-4376    | 10(45s)                                                                                                                   | <a href="http://www.jiesm-journal.com">http://www.jiesm-journal.com</a>                                                                                                                                                                                                                               |
| 19 | An Effective Approach of Lung Cancer Detection Using Xception- Driven with Optimized Feature Fusion                                       | K.Baby Ramya     | MCA | JISEM                                                                           | 2025 | ISSN:2468-4376    | 10(45s)                                                                                                                   | <a href="http://www.jiesm-journal.com">http://www.jiesm-journal.com</a>                                                                                                                                                                                                                               |
| 20 | Design Thinking: A Human Centered Framework for Innovation                                                                                | Mr. Abdul Altaf  | MBA | International Journal of Management, Technology and Engineering                 | 2025 | ISSN:2249-7455    | doi.16.10089/JMTE                                                                                                         | <a href="https://drive.google.com/file/d/1EjzhglfDp8W8rgbYdxxs_q4FUjCwY6xn/view?usp=sharing">https://drive.google.com/file/d/1EjzhglfDp8W8rgbYdxxs_q4FUjCwY6xn/view?usp=sharing</a>                                                                                                                   |
| 21 | Sustainability Practices and Perspectives of Plastic Manufactures In chittor District: Towards Circular Economy Solutions                 | B.Krishnaiah     | MBA | Journal of International Commercial law and Technology                          | 2025 | ISSN:1901-8401    | doi.org/10.61336/JITL                                                                                                     | <a href="https://doi.org/10.61336/JITL/25-01-141">https://doi.org/10.61336/JITL/25-01-141</a>                                                                                                                                                                                                         |
| 22 | Operational Research and Reconstruction Methods in Medical Imaging                                                                        | Dr. V. Sreenivas | CSD | International Journal of Computational and Experimental Science and Engineering | 2025 | ISSN:2149-9144    | <a href="https://doi.org/10.2399/ijcesen.1085">https://doi.org/10.2399/ijcesen.1085</a>                                   | <a href="https://ijcesen.com/index.php/view/1085">https://ijcesen.com/index.php/view/1085</a>                                                                                                                                                                                                         |
| 23 | A Comparative Assessment for Examining the Performing the Performance of Reconfigurable Multiband MIMO Antennas for Communication Systems | Dr. V. Sreenivas | CSD | Journal of Information Systems Engineering and Management                       | 2025 | ISSN: 2468-4376   | <a href="https://doi.org/10.52783/ijsem.v10i10s.1533">https://doi.org/10.52783/ijsem.v10i10s.1533</a>                     | <a href="https://ijsem-journal.com/index.php/journal/article/view/1533">https://ijsem-journal.com/index.php/journal/article/view/1533</a>                                                                                                                                                             |

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| 24 | A Novel Hybrid Optimization Tuned Deep-Long Short-Term Memory Model in COVID-19 Chest CT Image Segmentation | Dr. V. Sreenivas                                        | CSD | Journal of Information Systems Engineering and Management | 2025 | ISSN: 2468-4376                 | <a href="https://doi.org/10.52783/jisem.v10i10s.1534">https://doi.org/10.52783/jisem.v10i10s.1534</a> | <a href="https://jisem-journal.com/index.php/journal/article/view/534">https://jisem-journal.com/index.php/journal/article/view/534</a> |
| 25 | Convolutional Attention-Based Bidirectional Recurrent Neural-Network for Human Recognition                  | Dr. V. Sreenivas                                        | CSD | WILEY                                                     | 2025 | ISSN: 1467-8640                 | <a href="https://doi.org/10.1111/coin.70049">https://doi.org/10.1111/coin.70049</a>                   | <a href="https://onlinelibrary.wiley.com/doi/10.1111/coin.70049">https://onlinelibrary.wiley.com/doi/10.1111/coin.70049</a>             |
| 26 | Data Driven Customer Churn Prediction in E-Commerce: A Machine Learning Approach for Data Science           | V.Ravi Charan, K.Vasuki, RV Sai Keerthana, D.Neela Rao, | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 2149-9144               | 10.31788/RJC.2025.1819176                                                                             | <a href="http://doi.org/10.31788/RJC.2025.1819176">http://doi.org/10.31788/RJC.2025.1819176</a>                                         |
| 27 | A Effective Approach for Dynamic Pricing using DL-Optimizer                                                 | K.Mallika, D.Teja sri, K.Achshah, S.Ruthvik Chowdary    | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 2468-4376               | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 28 | Big Data Driven Credit Card Fraud Detection in Banking                                                      | Shaik fara, V.Keerthi, K.Vishwesh, J.Nikhitha           | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 2468-4376               | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 29 | Drowsiness Detection System using CNN and Python Flask                                                      | Ch.Neha Kamal, D.Jyoti Kavya sri, M.jay Shnkar,         | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 30 | Predictive Analytics Model using Machine Learning Techniques for Health Care Diagnosis                      | D.Jyothi, T.Nikhitha, P.Srikanth, V.Yoges               | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 31 | Mental Health Prediction using Machine and Ensemble Learning                                                | Y.Naga Surya, A.Sadwika, GBVSS                          | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 32 | Predictive Analytics for Insurance Claims by using Machine Learning Techniques                              | G.Divya Sro,Md. Shoalb, V.Pavani,P.Subhash              | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 33 | Accurate Face Recognition System using VGG Net                                                              | M.Yukthesh, K.Sowyma sri,A.Sowmya,N.Sa keth             | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 34 | Enhanced Stock Market Prediction: Ensemble Learning Methods                                                 | Shaik.Tajuddin,S.S ushma,P.Sai Baji,K.Sri Chakresh      | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 35 | Advanced Machine Learning Models for Earthquake Forecasting                                                 | G.Yamini Aswitha,G.Revathi, K.Lavanya, K.Surendra       | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |
| 36 | Weather Forecasting using Big Data Map Reduce Prediction Approach                                           | M.Susmitha,G.Vag devi,M.Nagapranathi, K.Lakshman Kumar  | CSD | IJIRCCE                                                   | 2025 | e-ISSN: 10.9790/5736-1804010106 | 10.9790/5736-1804010106                                                                               | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                           |

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| 37 | Financial Risk assessment using Ensemble Machine Models for Accurate Credit Score                                                                                                                                                      | P.Sneha,E.Chaitanya Krishna, Sk.Naga Subhash, U.Sarada         | CSD       | IJIRCCCE                                                                                                      | 2025 | e-ISSN:           | 10.9790/5736-1804010106          | <a href="https://doi.org/10.9790/5736-1804010106">https://doi.org/10.9790/5736-1804010106</a>                                                                                                                                                                                                                                                                       |
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| 42 | Chapter Name: Enhanced deepfake video classification and detection: A ResNext-LSTM approach for improved accuracy, Title of the Book: Data Science & Exploration in Artificial Intelligence, Edition1st Edition, First Published 2025, | Dr.D.Anusha                                                    | CSE-AI&ML | Imprint CRC Press,                                                                                            | 2025 | 9781003589273     | 10.1201/9781003589273            | <a href="https://www.taylorfrancis.com/books/mono/10.1201/9781003589273/data-science-exploration-artificial-intelligence?refId=d5ca5401-bd58-49bd-bc80-211764649b4a&amp;context=ubx">https://www.taylorfrancis.com/books/mono/10.1201/9781003589273/data-science-exploration-artificial-intelligence?refId=d5ca5401-bd58-49bd-bc80-211764649b4a&amp;context=ubx</a> |
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| 51 | Ai- Powered Multi-Model Interviewer : An Integrated Framework For Automated Candidate Evaluation Using Speech Recognition,Nlp,And Facial Emotional Analysis | Dr.K.Chaitanya        | CSE | International Research Journal on Advanced Engineering Hub       | 2026 | 2584-2137 | doi.org/10.47392/IJAEH.2026.0210<br>RJAEH.2026.0210 | <a href="https://doi.org/10.47392/IJAEH.2026.0210">https://doi.org/10.47392/IJAEH.2026.0210</a> |
| 52 | Soul Sync                                                                                                                                                   | K. Rajya Guru Sai Sri | CSE | International Research Journal Of Novel Research And Development | 2026 | 2456-4184 | Paper ID:IJNRD2604105                               | <a href="https://ijnr.org/">https://ijnr.org/</a>                                               |
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| S.No.                                                                                                                                                                                                                                                                                                                                                                       | Title of paper                                                                                                       | Name of the author/s  | Name of journal                                      | Year of publication |
| 1                                                                                                                                                                                                                                                                                                                                                                           | Spectroscopic Analysis of Green Leaf Extract of Papaya With Zinc Oxide Nano-Composites and its Antibacterial Studies | Dr. B. Sowjanya       | Rasayan J. Chem.                                     | 2025                |
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| 44 | An Effective Approach of Lung Cancer Detection Using Xception-Driven with Optimized Feature Fusion                                                          | Dr.D.Anusha        | Journal of Information Systems Engineering and                      | 2025 |
| 45 | Design patent Granted :Enabled Device for Skin Cancer Detection                                                                                             | Dr.D.Anusha        | UK Intellectual Property Office,                                    | 2025 |
| 46 | Published Paternrt: AI Powered Cyber Security Systems                                                                                                       | Dr.D.Anusha        | IPR India                                                           | 2025 |
| 47 | Speech Emotion Detection                                                                                                                                    | Mr.S.Nageswara Rao | Advancing Sustainable Development Goals through Innovation,         | 2025 |
| 48 | Securing IoT network with hybrid evolutionary lion intrusion detection system: a composite motion optimisation algorithm for feature selection and ensemble | Dr. A Stanly Kumar | Journal of Experimental & Theoretical Artificial Intelligence       | 2025 |
| 49 | Optimizing The Mechanical Properties of AS21 Magnesium Alloy/SiC-TiO2 Hybrid Composites by Taguchi Method                                                   | Dr.D Rognatha Rao  | Revue des Composites et des Matériaux Avancés-Journal               | 2025 |
| 50 | Integrated Airlines Wheels(PATENT)                                                                                                                          | Mr. U Sai Krishna  | The patent Office government of India                               | 2025 |
| 51 | Innovative Hospital Management System: A Real Time Surgery Scheduling System                                                                                | Dr. A. Radhika     | International Journal Of Creative Research Thoughts                 | 2025 |
| 52 | A Developer Center Using Bug Prediction Model                                                                                                               | Dr. A. Radhika     | International Journal Of Creative Research Thoughts                 | 2025 |
| 53 | IOT Driven Smart Lightning System & U Turn Motion Detection                                                                                                 | Dr. A. Radhika     | International Research Journal Of Engineering And Technology(Iriet) | 2025 |

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|----|----------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------|------|
| 54 | Privacy Focused Dynamic Searchable Symmetric Encryption For Medical Cloud Environments | Dr. A. Radhika        | International Journal Of Innovative Research In Technology (IJIRT) | 2025 |
| 55 | A Developer Center Using Bug Prediction Model                                          | Dr. A. Radhika        | IJCRT - International Journal Of Creative Research Thoughts        | 2025 |
| 56 | Coursemate The Learning And Placement Material Companion                               | Dr. A. Radhika        | International Journal Of Innovative Research In Technology (IJIRT) | 2025 |
| 57 | Skip The Line: A Queue Free Medicine Dispensing For In House Pharmacies                | Dr. K. Chaitanya      | IJCRT - International Journal Of Creative Research Thoughts        | 2025 |
| 58 | Forensic Evidence Protection System Using Block Chain Technology                       | Dr. K. Chaitanya      | International Journal Of Advanced Research In Science.             | 2025 |
| 59 | IOT Revolution In Road Safety :Preventing Accidents And Saving Lives                   | Dr. K. Chaitanya      | IJCRT - International Journal Of Creative Research Thoughts        | 2025 |
| 60 | Integrated Plagiarism Detection System For Text And Image Based Content In Documents   | Dr. P. Srinivas Kumar | IJCRT - International Journal Of Creative Research Thoughts        | 2025 |
| 61 | Youtube Comments Extraction Using NLP                                                  | Dr. P. Srinivas Kumar | International Journal of Creative Research Thoughts                | 2025 |
| 62 | Comprehensive Career Advancement Interface                                             | Dr. P. Srinivas Kumar | International Journal of Creative Research Thoughts                | 2025 |
| 63 | Integrated Plagiarism Detection System For Text And Image Based Content In Document    | Dr. P. Srinivas Kumar | Journal of Information Systems Engineering And Management          | 2025 |
| 64 | Face Morphing Detection With Gan Based Deep Learning Models                            | D .V. Subba Rao       | Ijcrt - International Journal Of Creative Research Thoughts        | 2025 |

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|----|----------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------|------|
| 65 | Trust And Fraud Prevention : A Block Chain Based Crowdfunding Platform           | Dr. D .Sarvana Priya | International Journal Of Novel Research And Development      | 2025 |
| 66 | Interface Attack Resistant E Health Care System With Fine Grained Access Control | Ch.Ambedkar          | Ijcert - International Journal Of Creative Research Thoughts | 2025 |
| 67 | Smart Blind Aid Stick:Enhancing Mobility & Safety                                | R. P. Jyoth Singh    | IJCRT - International Journal Of Creative Research Thoughts  | 2025 |
| 68 | Enhancing Online Shopping With ML Based Product Comparison                       | D.Nalini Kumari      | International Journal of Innovative Research In Computer And | 2025 |
| 69 | Real Time Face Aging Progression Using Gan                                       | K. Jairam            | International Journal of Creative Research Thoughts          | 2025 |
| 70 | REAL-TIME STOCK PRICE PREDICTION SYSTEM USING AI TECHNIQUES                      | Ms. Amritha Mishra,  | International Journal of Creative Research Thoughts          | 2025 |
| 71 | A Novel Automated CHF Prediction System Through Heartbeat Using ML Technique     | Ms. Amritha Mishra,  | International Journal of Creative Research Thoughts          | 2025 |
| 72 | A Deep Learning-Based Approach for Brain Tumor Detection in Medical Image        | Ms. Amritha Mishra,  | Journal of Emerging Technologies and Innovative Research     | 2025 |
| 73 | Automated Precision For Kidney Stone Detection Using Cnn                         | Ms. Amritha Mishra,  | International Journal of Creative Research Thoughts          | 2025 |
| 74 | Blood Group Detection Using Image Processing For Fingerprint Analysis            | Ms. Amritha Mishra,  | International Journal of Creative Research Thoughts          | 2025 |
| 75 | Insomnia And Sleep Apnea Disease Detection Using Machine Learning                | Dr.G.SriLakshmi      | International Journal of Creative Research Thoughts          | 2025 |

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|----|----------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------|------|
| 76 | An Empirical Simulation - Based On Smart Multilingual Speech Translation               | Dr.G. SriLakshmi  | International Journal of Creative Research Thoughts         | 2025 |
| 77 | GESTURE AND VOICE CONTROLLED VIRTUAL MOUSE                                             | Dr.G. SRI LAKSHMI | Journal of Emerging Technologies and Innovative Research    | 2025 |
| 78 | Adaptive chatbot for Neo-Learn Using Deep Learning                                     | Dr.G. SRI LAKSHMI | International Journal of Creative Research Thoughts         | 2025 |
| 79 | Lumbar Disease Classification Using Deep Learning                                      | Dr.G. SRI LAKSHMI | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 80 | REAL-TIME CODE DEBUGGING, SUGGESTIONS AND LEARNING ASSISTANT USING AI                  | DR.G.D.K.Kishore  | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 81 | Real-Time Human Facial Expression And Stress Recognition Using Cnn                     | DR.G.D.K.Kishore  | International Journal of Creative Research Thoughts (IJCRT) | 2025 |
| 82 | Exploring Blockchain Technology: An Introductory Perspective on Its Role in Healthcare | Dr.G. SRI LAKSHMI | International Journal of Basic and Applied Sciences         | 2025 |
| 83 | Transformer based UNet for Semantic Segmentation on Aerial Imagery                     | Dr.G. SRI LAKSHMI | Journal of Information Systems Engineering and Management   | 2025 |

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| S.No. | Title of paper                                                                               | Name of the author/s | Name of journal                                    | Year of publication |
|-------|----------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------|---------------------|
| 1     | Real-time vehicle detection and speed estimation system using Raspberry Pi and camera module | Dr. P. Bhavana       | Bulletin of Electrical Engineering and Informatics | 2026                |

|    |                                                                                                                        |                     |                                                                      |      |
|----|------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------|------|
| 2  | IoT Climate Change Monitoring System using ESP 32                                                                      | Mr B Ravi           | International journal of innovate research in Technology             | 2026 |
| 3  | Sustainable and Green AI: A Narrative of Responsibility Amid Generative Technologies                                   | Mr P.Vamsi Krishna  | Book Chapter                                                         | 2026 |
| 4  | Atheoretical Framework for Digital Sustainability Accounting Communication and Investor Trust in Green Finance         | Dr B.Krishnaiah     | Journal of Theoretical Accounting Research                           | 2026 |
| 5  | Aegis Earth: A Multi – Modal Machine Learning Framework for Real – Time Asteroid Impact Prediction and Risk Mitigation | Dr.D.Anusha         | International Journal for Research in Applied Sciences & Engineering | 2026 |
| 6  | Real Time Indian Sign Language Recognition and MultiLingual AIChatBot                                                  | Dr.D.Anusha         | International Journal for Research in Applied Sciences & Engineering | 2026 |
| 7  | Disease Detection in Gastrointestinal Endoscopic Images Using Deep Learning                                            | Dr.D.Anusha         | Advancing Sustainable Development Goals through Innovation.          | 2026 |
| 8  | Disease Detection in Gastrointestinal Endoscopic Images Using Deep Learning                                            | Dr.D.Anusha         | International Research Journal on Advanced Engineering Hub           | 2026 |
| 9  | Smart Email Sorting: A Machine Learning Approach for Enhanced Productivity                                             | Ms.Ch.Jeevana Priya | International Journal for Research in Applied Science and            | 2026 |
| 10 | Stress Detection Based on Facial Expression                                                                            | Dr.D.Anusha         | Advancing Sustainable Development Goals through Innovation.          | 2025 |
| 11 | PhishGuard: Phishing URL Detection Using Federated Learning and Transformer Networks                                   | Ms.B.Santoshi       | International Research Journal on Advanced Engineering Hub           | 2026 |
| 12 | Policy Advisor.ai: An Intelligent Policy Recommendation System                                                         | Dr.D.Anusha         | International Journal for Research in Applied Science and            | 2026 |

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|----|---------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------|------|
| 13 | Plant Leaf Detection and Pesticide Recommendation System Using Deep Learning                | Ms.B.Kanaka Durga Devi     | International Journal for Research in Applied Science and  | 2026 |
| 14 | AI Powered Automation Companion: A Semantic aware on device mobile automation framework     | Dr.D.Anusha                | International Research Journal on Advanced Engineering and | 2026 |
| 15 | Deep Fake Detection System                                                                  | Ms.Ch.Jeevana Priya        | International Journal for Research in Applied Science and  | 2026 |
| 16 | Automated Machine Learning Deployment System Using MLOPS                                    | Ms.M. Venkata Maha Lakshmi | International Research Journal on Advanced Engineering Hub | 2026 |
| 17 | Enhancing Chronic Kidney Disease Diagnosis Through Deep Learning-Based Predictive Analytics | Dr. A. Radhika             | International Research Journal on Advanced Engineering Hub | 2026 |
| 18 | Block Chain Integrated Secure Image Stegnography Using Ipfs And Ethereum Sepolia Testnet    | Dr. A. Radhika             | International Research Journal on Advanced Engineering And | 2026 |
| 19 | Nexa: An Intelligent Conversational Framework For Automated Customer Support System         | G.M. Padmaja               | International Research Journal On Advanced Engineering And | 2026 |
| 20 | Project Vion: A Fully Functional Ai-Powered Chatbot                                         | R. Jyoth Singh             | International Research Journal on Advanced Engineering Hub | 2026 |
| 21 | Harvestify - Smart Innovative Agriculture System                                            | K. Krupa                   | International Research Journal On Advanced Engineering And | 2026 |
| 22 | Fresh Bloom                                                                                 | V.V..G. Prasanthi          | International Research Journal On Advanced Engineering And | 2026 |
| 23 | An Intelligent Question Paper Generation System Using Block Chain Technology                | Dr. P. Srinivas Kumar      | International Research Journal On Advanced Engineering Hub | 2026 |

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|----|-------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|------|
| 24 | Aurora: An Ai Refactoring Code Refactoring Advisor                                                                | k Rajya Guru Sai Sri  | International Research Journal On Advanced Engineering Hub          | 2026 |
| 25 | Medicare Pharmacy: Medical Drgu Analyzer And Recommendation System                                                | V .V. .G. Prasanthi   | International Research Journal On Advanced Engineering Hub          | 2026 |
| 26 | Car Theft Detection Using Face Recognition                                                                        | B .Ramya              | International Research Journal On Advanced Engineering Hub          | 2026 |
| 27 | Smart Student Hub: A Unified Academic Management Portal                                                           | Ch.Ambedkar           | International Research Journal On Advanced Engineering Hub          | 2026 |
| 28 | Citizenconnect: An Ai And Block Chain Powered Mobile Grivrance Redressal System                                   | Dr. P. Srinivas Kumar | International Research Journal On Advanced Engineering Hub          | 2026 |
| 29 | Campus Alumni Hub                                                                                                 | Dr. A. Radhika        | International Research Journal On Advanced Engineering Hub          | 2026 |
| 30 | Vulnerability & Threat Scanner Using Artificial Intelligence                                                      | P. JyostnaKumari      | International Research Journal On Advanced Engineering Hub          | 2026 |
| 31 | Real Time Vision Explorer: Object Recognition And Multilingual Voice Naration                                     | Dr. A. Radhika        | International Research Journal On Advanced Engineering Hub (IRJAEH) | 2026 |
| 32 | Certchain: A Scalable, Privacy Preserving Block Chain Framework For Tamper Proof Academic Credential Verification | Ch.Pavani             | International Research Journal On Advanced Engineering Hub          | 2026 |
| 33 | Iot Based Real Time Wild Animal Detection And Alert System Using Deep Learning And Multi Sensor Integration       | K. Jairam             | International Research Journal On Advanced Engineering Hub          | 2026 |
| 34 | Automatic Wastage Segregation System And Environment Awareness Application                                        | D.Nalini Kumari       | International Journal of Innovative Research In Computer And        | 2026 |

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|----|-------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------|------|
| 35 | Ai Based Retinal Disease Detection Using Deep Learning                                                      | Ch. Ambedkar          | International Journal of Engineering Technology and          | 2026 |
| 36 | Dual-Modal Machine Learning Model Of The Prediction Of Alzheimer'S Disease                                  | P. JyostnaKumari      | International Research Journal of Novel Research And         | 2026 |
| 37 | Smart Campus Transmit System Using Real - Time Face Recognition And Flask Based Automated Access Monitoring | Dr. A. Radhika        | International Research Journal On Advanced Engineering Hub   | 2026 |
| 38 | Telecom Big Data Analytics Using Pyspark                                                                    | G.M. Padmaja          | International Journal of Novel Research And Development      | 2026 |
| 39 | Docbot: Intelligent Document Chatbot Using Artificial Intelligence And Natural Language Processing          | Dr. P. Srinivas Kumar | International Journal of Novel Research And Development      | 2026 |
| 40 | Intelligent Voice - Activated Virtual Avatar With Real - Time Gender Detection                              | Dr. A. Radhika        | International Research Journal on Advanced Engineering Hub   | 2026 |
| 41 | E - Commerce Product Price Tracker                                                                          | Ch.Pavani             | International Journal of Novel Research And Development      | 2026 |
| 42 | Secure File Sharing System With Encryption                                                                  | K. Krupa              | International Journal of Novel Research And Development      | 2026 |
| 43 | Style Ai: An Integrated Ai Driven Framework For Virtual Wardrobe Management And Fashion Try - On            | D.Nalini Kumari       | International Journal on Advanced Engineering And Management | 2026 |
| 44 | Ai - Powered Gastro-Intestinal Disease Classification With Explainable Insights                             | G.M. Padmaja          | International Journal of Novel Research And Development      | 2026 |
| 45 | Iot-Based Smart Helmet For Accident Detection And Rider Safety                                              | Dr. P. Srinivas Kumar | International Journal of Novel Research and Development      | 2026 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|------|
| 46 | Block Chain-Based Feedback Form System For College Management                                                                                               | R. Jyoth Singh        | International Journal of Novel Research and Development             | 2026 |
| 47 | Auralytica: An Ai-Powered Intelligent Recruitment And Job Matching                                                                                          | Dr.K.Chaitanya        | International Research Journal on Advanced Engineering Hub          | 2026 |
| 48 | Iot-Based Real-Time Weather And Disaster Management System Using Machine Learning                                                                           | Dr.K.Chaitanya        | International Research Journal on Advanced Engineering Hub (IRJAEH) | 2026 |
| 49 | Iot Smart Home: Real Time Energy Monitoring & Ai-Driven Automation                                                                                          | Dr.K.Chaitanya        | International Research Journal Of Novel Research And                | 2026 |
| 50 | Ar-Based Study Helper: An Interactive 3D Learning System For Education                                                                                      | K. Jairam             | International Research Journal on Advanced Engineering and          | 2026 |
| 51 | Ai- Powered Multi-Model Interviewer : An Integrated Framework For Automated Candidate Evaluation Using Speech Recognition,Nlp,And Facial Emotional Analysis | Dr.K.Chaitanya        | International Research Journal on Advanced Engineering Hub          | 2026 |
| 52 | Soul Sync                                                                                                                                                   | K. Rajya Guru Sai Sri | International Research Journal Of Novel Research And                | 2026 |
| 53 | Sign-Sense : An Ai-Based System To Help Deaf,Dumb,And Blind People To Communicate                                                                           | Ms B. Ramya           | International Research Journal Of Novel Research And                | 2026 |

*K. Neelesh*

**PRINCIPAL**  
**S.R.K. INSTITUTE OF TECHNOLOGY**  
**ENIKEPADU,**  
**VIJAYAWADA-521 108.**

Reference No. :- **HIBIAP012511****1. Details of Institution/Agency**

|                                          |                             |                                                             |                            |
|------------------------------------------|-----------------------------|-------------------------------------------------------------|----------------------------|
| <b>Institute Name</b>                    | SRK INSTITUTE OF TECHNOLOGY | <b>Name of the Dean / Principal / Head of the Institute</b> | DR.K.RAMESH                |
| <b>Address of Institution</b>            | Enikepadu,Vijayawada        |                                                             |                            |
| <b>State Name</b>                        | ANDHRA PRADESH              | <b>District Name</b>                                        | NTR                        |
| <b>Pin Code</b>                          | 521108                      | <b>Mobile No. +91</b>                                       | 7093322366                 |
| <b>Tel No. with STD Code</b>             | 08662843839                 | <b>Email ID</b>                                             | srkecehad[at]gmail[dot]com |
| <b>2. Category of the Host Institute</b> | Technical College           |                                                             |                            |

**3. About the Institution**

|                              |            |                                           |     |
|------------------------------|------------|-------------------------------------------|-----|
| <b>Date of establishment</b> | 30/08/2007 | <b>Number of teaching staff</b>           | 226 |
| <b>Total no. of student</b>  | 3615       | <b>Number of academic courses offered</b> | 15  |

**Details of registration/affiliation/accreditation**

|                                                                      |               |                                                          |               |
|----------------------------------------------------------------------|---------------|----------------------------------------------------------|---------------|
| <b>i) University affiliation</b>                                     | View/Download | <b>ii) AICTE approval</b>                                | View/Download |
| <b>iii) NABL/ other accreditation</b>                                | View/Download | <b>iv) Any other</b>                                     | View/Download |
| <b>Last five years audited annual accounts with auditor's report</b> | View/Download | <b>Number of students enrolled during last two years</b> | 2200          |

**4. Details of existing/proposed Business Incubator:****Already having Business Incubator Center**

|                                       |                                  |                                              |                     |
|---------------------------------------|----------------------------------|----------------------------------------------|---------------------|
| <b>Name of person in-charge of BI</b> | No                               | <b>Designation of person in-charge of BI</b> | Associate Professor |
| <b>Email ID</b>                       | ravi[dot]tej489[at]gmail[dot]com | <b>Mobile No. +91</b>                        | 9441747164          |

|                                                                                                                                                                                        |                                                                                                                                                                                                       |                                                                                                                                                   |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Area of BI in Sq. ft.(Total area)                                                                                                                                                      | 2500                                                                                                                                                                                                  | Area of BI in Sq. ft.(buildup area)                                                                                                               | 2370          |
| Details of ongoing Innovative activities being undertaking by the Institution.                                                                                                         | sending students to different hackathons and encouraging to win prizes,organizing hackathons,Innovative project making,communitybased projects, establishing center of excellences, patent filing etc |                                                                                                                                                   |               |
| 5.MoU with Industries/Academia partner in Industrial R&D / consultancy undertaken, if any, during previous five years(submit the certificate of completion of project from the client) | View/Download                                                                                                                                                                                         | 6. Details of entrepreneurship development related activities undertaken during last two years, if any (submit proof of completion of activities) | View/Download |

## 7. Details of any assistance taken from any of the schemes of this Ministry:

8.

## Implementing Agency

MSME-DFO Visakhapatnam

## Application Remarks

| Action                    | Date                       | Status                         | Remark                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DR.K.RAMESH               | 22/May/2026<br>01:31:37 PM | Clarification sent<br>by HI/BI | we are resubmitting the application for your pursual after the required changes has been made                                                                                                                                                                               |
| MSME-DFO<br>Visakhapatnam | 20/May/2026<br>06:27:9 PM  | Clarification<br>Asked by IA   | It is observed that the details pertaining to entrepreneurship development-related activities are not available in the application submitted. In this regard, you are requested to update and resubmit the online application with complete details for further processing. |

## Declaration

I have read the scheme guidelines and shall abide by all the terms and conditions required for seeking financial assistance. I hereby, declare that information given above is true to the best of my knowledge. Any information /documents that may be required to be verified shall be provided immediately before the concerned authority. I hereby, declare that I have not availed any financial assistance for the said purpose under any other scheme from any government agency.



**PRINCIPAL**  
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