# Current Trends Project titles 2021-2022

| Big data Analytics and Business intelligence | |
|---|---|
| **No** | **Name of the Project** |
| 1. | Secured health monitoring application with Enhanced ECDSA algorithm using bigdata analytics |
| 2. | Twitter rumor detection using bigdata analytics with cloudsim environment |
| 3. | Secured Military monitoring system using Cloud sim architecture with Enhanced Diffie Hellman Exchange algorithm |

| Block Chain / Network Security | |
|---|---|
| **No** | **Name of the Project** |
| 4. | Secured banking transaction using advanced hash key generation in blockchain technology |
| 5. | Blockchain-Based Public Integrity Verification for Cloud Storage against Procrastinating Auditors |

| Machine Learning | |
|---|---|
| **No** | **Name of the Project** |
| 6. | Symptoms Based Disease Prediction Using Machine Learning Techniques |
| 7. | Handwritten Text Recognition with TensorFlow using Neural Networks |
| 8. | Toward Artificial Emotional Intelligence for Cooperative Social Human–Machine Interaction |

| Deep learning | |
|---|---|
| **No** | **Name of the Project** |
| 9. | Detection of Electronic Devices in real images using Deep Learning Techniques |

# Current Trends Project titles 2021-2022

| 10. | Real world. Object Detection using Deep learning approach |
|-----|-----------------------------------------------------------|
| 11. | Face Detection using faster region convolutional neural networks |
| 12. | Leaf Disease Detection Using Deep Learning |
| 13. | Fast Deep Neural Networks With Knowledge Guided Training and Predicted Regions of Interests for Real-Time Video Object Detection |
| 14. | Copy -Move image detection for forgery using Robust Detection algorithm. |

| IOT/ Raspberry PI | |
|-----|-----------------------------------------------------------|
| **No** | **Name of the Project** |
| 15. | Multi technology gateway management for IOT |
| 16. | A Novel Approach to analysing Internet Video Streaming Protocol |
| 17. | Architecture for an efficient integration of wireless sensor networks to the Internet through Internet of Things gateways. |
| 18. | Internet of Things Mobile - Air Pollution Monitoring System (IoT-Mobair) |
| 19. | RF Controlled Mine Detecting Robot |
| 20. | Design And Construction Of Electronic Aid For Visually Impaired People Tensor Flow |
| 21. | IoT Based Smart Irrigation System using Raspberry pi |
| 22. | Smart Surveillance Rover using tensor flow in IOT |
| 23. | LiveCare: An IoT based Healthcare Framework for Livestocks in Smart Agriculture |

# Current Trends Project titles 2021-2022

| No | Networks / Simulation / VANET/Under water Sensor Networks |
|---|---|
| | **Name of the Project** |
| 24. | Enhanced Mobile recharging framework with priority packet scheduling in Wireless Sensor Networks |
| 25. | Triangular metric based routing protocol in under water Sensor networks |
| 26. | Secured TESLA algorithm in Vehicular Adhoc Networks |
| 27. | Energy Efficient IOT based opportunistic routing protocol in Underwater Sensor Networks. |
| 28. | Joint Resource Allocation for OFDM-Based Cognitive Two-Way Multiple AF Relays Networks with Imperfect Spectrum Sensing |
| 29. | An Efficient Intranet Networking Solution for Airborne Networks |
| 30. | Multi-hop optimized routing algorithm and load balanced fuzzy clustering in wireless sensor networks |

| No | Cloud Computing / AWS |
|---|---|
| | **Name of the Project** |
| 31. | Modelling and Scalability of Performance and Cost of Serverless computing using AWS Lambda |
| 32. | Secure Data Query Framework for Fog Computing |
| 33. | Scientific workflow applications on Amazon EC2 |
| 34. | Fast Deep Neural Networks With Knowledge Guided Training and Predicted Regions of Interests for Real-Time Video Object Detection using Google collab. |

# Current Trends Project titles 2021-2022

| Advanced Security | |
|---|---|
| **No** | **Name of the Project** |
| 35. | Secured Detection of warms and attacks in Mobile adhoc networks |
| 36. | Three tier Authentication scheme Machine learning based Intrusion Detection System for wireless sensor networks. |

| 5G Cellular Networks | |
|---|---|
| **No** | **Name of the Project** |
| 37. | Efficient handoff initiation, decision making and execution in 5G cellular networks |
| 38. | User-Centric 5G Cellular Networks: Resource Allocation and Comparison With the Cell-Free Massive MIMO Approach |
| 39. | 5G for Broadband Multimedia Systems and Broadcasting |
| 40. | User-Centric 5G Cellular Networks: Resource Allocation and Comparison With the Cell-Free Massive MIMO Approach |

| Image Processing /Matlab Projects | |
|---|---|
| **No** | **Name of the Project** |
| 41. | Calcification Detection in Coronary Artery Disease for Intravascular Ultrasound Images using Convolutional Neural Networks |
| 42. | To Increase Data Capacity of QR Code Using Multiplexing with Color Coding: An example of<br>Embedding Speech Signal in QR Code |
| 43. | A new image encryption algorithm based on improved logistic map and block-mod algorithm |

# Current Trends Project titles 2021-2022

| ARCGIS Projects | |
|---|---|
| **No** | **Name of the Project** |
| 44. | Course Module : Data Storytelling – Transforms Dashboards into Visual Analytic Stories using ARCGIS |