

Python Final Year Projects 2026

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| Sl.No | Project Code | Python Final Year Projects Titles | Algorithm / Model Used | Technology |
|----------------------------------|--------------|---|---------------------------------|------------|
| Machine Learning Projects | | | | |
| 1 | JPML01 | Blood Pressure Prediction using Machine Learning | Random Forest Classification | Python |
| 2 | JPML02 | Crime Rate Prediction and Analysis using k-means Clustering Algorithm | k-Means Algorithm | Python |
| 3 | JPML03 | Diabetes Prediction using Machine Learning | AdaBoost Classifier | Python |
| 4 | JPML04 | Customer Churn Prediction using Machine Learning | Artificial Neural Network (ANN) | Python |
| 5 | JPML05 | Performance Analysis on Students Feedback for Faculty using LSTM Algorithm | LSTM Algorithm | Python |
| 6 | JPML06 | Real Estate Price Prediction using Machine Learning | Random Forest Regressor | Python |
| 7 | JPML07 | Fraud App Detection using Sentiment Analysis | LSTM Algorithm | Python |
| 8 | JPML08 | Predicting Agriculture Using Machine Learning | Naive Bayes Algorithm | Python |
| 9 | JPML09 | Bitcoin Price Prediction using Machine Learning | Random Forest Classifier | Python |
| 10 | JPML10 | Mental Stress Detection in University Students using Machine Learning Algorithm | Random Forest Classifier | Python |

| Sl.No | Project Code | Python Application Projects Titles | Algorithm / Model Used | Technology |
|-------------------------------|--------------|---|---------------------------|------------|
| Deep Learning Projects | | | | |
| 1 | JPDL01 | Apple Fruit Disease Detection using Deep Learning | Inception V3 Architecture | Python |
| 2 | JPDL02 | Face Recognition based Attendance System using Machine Learning | K-Neighbors Classifier | Python |
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| 3 | JPDL03 | Face Recognition with Age, Gender, Ethnicity | OpenCV | Python |
| 4 | JPDL04 | Handwritten Character recognition and Digit Recognition using Deep Learning | CNN Model Architecture | Python |
| 5 | JPDL05 | License Plate Detection Using Opencv in Python | OpenCV | Python |
| 6 | JPDL07 | Virtual Mouse using Hand Gesture Recognition | OpenCV | Python |
| 7 | JPDL08 | Real time Facial expression recognition in Python Facial Emotion Detection | CNN Model Architecture | Python |
| 8 | JPDL09 | Skin Lesion Analysis towards Melanoma Detection Using Deep Learning Network | CNN Model Architecture | Python |
| 9 | JPDL10 | Real Time Facial Expression Based Smart Music Player | CNN Model Architecture | Python |
| 10 | JPDL11 | Pancreatic Tumor Detection Using Image Processing | CNN Model Architecture | Python |
| 11 | JPDL12 | A Novel Method to Predict Knee Osteoarthritis using Deep Learning | VGG16 model | Python |
| 12 | JPDL13 | Lung Cancer Detection Using CNN | CNN Model Architecture | Python |
| 13 | JPDL14 | Mouse Cursor Control using Eye Movements | OpenCV | Python |
| 14 | JPDL15 | Vehicle Speed Detection using OpenCV and Python | OpenCV | Python |
| 15 | JPDL16 | Alzheimer's Disease Detection using Deep Learning | CNN Model Architecture | Python |
| 16 | JPDL18 | Dog Breed Classification using Deep Learning | Xception architecture | Python |
| 17 | JPDL19 | Rice Leaf Disease Detection using Efficientnet | Efficientnetb5 Architecture | Python |
| 18 | JPDL20 | Bird Species Identification Using Deep Learning | Xception Architecture | Python |
| 19 | JPDL21 | Real-Time Hand Gesture Detection for Sign Language Recognition using Python | Xception Architecture | Python |
| 20 | JPDL22 | Virtual Trial Room for Online Shopping | OpenCV | Python |

For updated titles and other details visit: <https://jpinfotech.org/python-final-year-projects/>

Python Final Year IEEE Projects 2025 – 2026

Machine Learning Projects, Artificial Intelligence Projects, Deep Learning Projects

| Sl.No | Project Code | PYTHON IEEE 2025 – 2026 Project Titles | Domain | Lang/Year |
|-------|--------------|---|------------------|---------------|
| 1 | JPPY2501 | <u>Anomaly Detection in Network Traffic Using Advanced Machine Learning Techniques</u> | Machine Learning | Python / 2025 |
| 2 | JPPY2502 | <u>Bone Fracture Detection using Deep Learning</u> | Deep Learning | Python / 2025 |
| 3 | JPPY2503 | <u>Rice Varieties Identification using Deep Learning</u> | Deep Learning | Python / 2025 |
| 4 | JPPY2504 | <u>Enhanced Skin Disease Detection and Classification using Deep Learning</u> | Deep Learning | Python / 2025 |
| 5 | JPPY2505 | <u>Detection of Malnutrition in Children Through Visual Diagnosis of Pediatric Images Using Deep Learning</u> | Deep Learning | Python / 2025 |
| 6 | JPPY2506 | <u>Advanced Breast Cancer Detection using Deep Learning from Mammogram and Histopathological Images</u> | Deep Learning | Python / 2025 |
| 7 | JPPY2507 | <u>Real-Time Fruit Classification using Deep Learning via Web Interface for Automated Harvesting Applications</u> | Deep Learning | Python / 2025 |
| 8 | JPPY2508 | <u>Advanced Fake Job Post Prediction Using Machine Learning for Online Recruitment Scam Detection</u> | Machine Learning | Python / 2025 |
| 9 | JPPY2509 | <u>Optimized Electricity Bill Prediction Using Machine Learning Techniques</u> | Machine Learning | Python / 2025 |
| 10 | JPPY2510 | <u>Fruit Quality Detection using Deep Learning for Rotten and Fresh Fruits Classification</u> | Deep Learning | Python / 2025 |
| 11 | JPPY2511 | <u>Self-Reliant Medical Chatbot Using Machine Learning for Smart Intent Classification</u> | Machine Learning | Python / 2025 |
| 12 | JPPY2512 | <u>AI-Powered Alzheimer's Disease Detection using Deep Learning</u> | Deep Learning | Python / 2025 |
| 13 | JPPY2513 | <u>AI-Powered Android Malware Detection using Machine Learning</u> | Machine Learning | Python / 2025 |
| 14 | JPPY2514 | <u>Heart Failure Prediction using Machine Learning</u> | Machine Learning | Python / 2025 |
| 15 | JPPY2515 | <u>Traffic Prediction using Machine Learning</u> | Machine Learning | Python / 2025 |

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| 16 | JPPY2516 | Advanced Fake Product Review Detection using Machine Learning | Machine Learning | Python / 2025 |
| 17 | JPPY2517 | AI-Powered Cattle Breed Recognition Using Deep Learning | Deep Learning | Python / 2025 |
| 18 | JPPY2518 | Online Exam Proctoring System using Deep Learning | Deep Learning | Python / 2025 |
| 19 | JPPY2519 | Machine Learning based Stress Detection Using Multimodal Physiological Data | Machine Learning | Python / 2025 |
| 20 | JPPY2520 | Advanced Brain Tumor Detection in MRI Images using Deep Learning | Deep Learning | Python / 2025 |
| 21 | JPPY2521 | Speed Bump Detection for Enhanced Driving Safety using Deep Learning | Deep Learning | Python / 2025 |
| 22 | JPPY2522 | Employee Salary Prediction using Machine Learning | Machine Learning | Python / 2025 |
| 23 | JPPY2523 | Detection of Fraud Scam Calls Using Machine Learning | Machine Learning | Python / 2025 |
| 24 | JPPY2524 | Machine Learning-Based Respiratory Disease Classification Using Lung Sounds | Machine Learning | Python / 2025 |
| 25 | JPPY2525 | Malicious and Phishing URL Detection Using Machine Learning | Machine Learning | Python / 2025 |
| 26 | JPPY2526 | Detection of Autism Spectrum Disorder in Children and Adults Using Machine Learning Techniques | Machine Learning | Python / 2025 |
| 27 | JPPY2527 | Fake Facebook Profile Detection Using Machine Learning | Machine Learning | Python / 2025 |
| 28 | JPPY2528 | Malaria Detection in Blood Smear Images using Deep Learning | Deep Learning | Python / 2025 |
| 29 | JPPY2529 | Smart Agriculture with AI for Crop Recommendation using Weather and Soil Content | ML & Deep Learning | Python / 2025 |
| 30 | JPPY2530 | Lung Cancer Detection and Classification using Deep Learning | Deep Learning | Python / 2025 |

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PYTHON IEEE Projects 2024– 2025

| Sl.No | Project Code | PYTHON IEEE 2024 – 2025 Project Titles | Domain | Lang/Year |
|-------|--------------|--|------------------|---------------|
| 1 | JPPY2401 | Helmet and Number Plate Detection using Deep Learning | Deep Learning | Python / 2024 |
| 2 | JPPY2402 | Malware Analysis and Detection Using Machine Learning Algorithm | Machine Learning | Python / 2024 |
| 3 | JPPY2403 | Efficient Detection of Diabetic Retinopathy through Deep Learning | Deep Learning | Python / 2024 |
| 4 | JPPY2404 | Brain Stroke Detection System based on CT images using Deep Learning | Deep Learning | Python / 2024 |
| 5 | JPPY2405 | Oral Cancer Detection using Deep Learning | Deep Learning | Python / 2024 |
| 6 | JPPY2406 | SMS Spam Detection using Machine Learning | Machine Learning | Python / 2024 |
| 7 | JPPY2407 | Road Pothole Detection using Deep Learning | Deep Learning | Python / 2024 |
| 8 | JPPY2408 | Intelligent Weapon Detection System for Real Time Surveillance using Deep Learning with YOLOv8 | Deep Learning | Python / 2024 |
| 9 | JPPY2409 | Yoga Pose Detection using Deep Learning | Deep Learning | Python / 2024 |
| 10 | JPPY2410 | Machine Learning based Employee Attrition Prediction and Layoff Prediction System | Machine Learning | Python / 2024 |
| 11 | JPPY2411 | Sleep Disorder Prediction Using Machine Learning | Machine Learning | Python / 2024 |
| 12 | JPPY2412 | E-Commerce Fraud Detection Based on Machine Learning | Machine Learning | Python / 2024 |
| 13 | JPPY2413 | Electric Vehicle (EV) Price Prediction using Machine Learning | Machine Learning | Python / 2024 |
| 14 | JPPY2414 | Smartphone Addiction Prediction Using Machine Learning | Machine Learning | Python / 2024 |
| 15 | JPPY2415 | Obesity Risk Prediction using Machine Learning | Machine Learning | Python / 2024 |
| 16 | JPPY2416 | Health Insurance Price Prediction using Machine Learning | Machine Learning | Python / 2024 |
| 17 | JPPY2417 | Smart Diabetes Prediction System Using Machine Learning Algorithms | Machine Learning | Python / 2024 |

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| 18 | JPPY2418 | A System for Automated Vehicle Damage Localization and Severity Estimation Using Deep Learning | Deep Learning | Python / 2024 |
| 19 | JPPY2419 | Deep Learning based Blood Group Detection using Fingerprint | Deep Learning | Python / 2024 |
| 20 | JPPY2420 | Enhanced Breast Cancer Diagnosis Using Machine Learning on Patient Data and Deep Learning | Machine Learning / Deep Learning | Python / 2024 |
| 21 | JPPY2421 | Deep Learning-Based Dual-Modal Bird Species Identification Using Audio and Images | Deep Learning | Python / 2024 |
| 22 | JPPY2422 | Plant Disease Detection using Deep Learning and Fertilizer Recommendation | Deep Learning | Python / 2024 |
| 23 | JPPY2423 | Automated Knee Osteoarthritis Prediction and Classification from X-ray Images Using Deep Learning | Deep Learning | Python / 2024 |
| 24 | JPPY2424 | Cervical Cancer Prediction and Classification Using Deep Learning on Medical Image Data | Deep Learning | Python / 2024 |
| 25 | JPPY2425 | Fruit Quality Detection using Deep Learning for Rotten and Fresh Fruits Classification | Deep Learning | Python / 2024 |

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Python IEEE Projects 2023– 2024

| Sl.No | Project Code | PYTHON IEEE 2023 – 2024 Project Titles | Domain | Lang/Year |
|-------|--------------|---|---------------|---------------|
| 1 | JPPY2301 | Blood Cancer Identification using Hybrid Ensemble Deep Learning Technique | Deep Learning | Python / 2023 |
| 2 | JPPY2302 | Breast Cancer Classification using CNN with Transfer Learning Models | Deep Learning | Python / 2023 |
| 3 | JPPY2303 | Calorie Estimation of Food and Beverages using Deep Learning | Deep Learning | Python / 2023 |
| 4 | JPPY2304 | Detection and Identification of Pills using Machine Learning Models | Deep Learning | Python / 2023 |
| 5 | JPPY2305 | Detection of Cardiovascular Diseases in ECG Images Using Machine Learning and Deep Learning Methods | Deep Learning | Python / 2023 |
| 6 | JPPY2306 | Development of Hybrid Image Caption Generation Method using Deep Learning | Deep Learning | Python / 2023 |
| 7 | JPPY2307 | Dog Breed Classification using Inception-ResNet-V2 | Deep Learning | Python / 2023 |

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| 8 | JPPY2308 | Forest Fire Detection using Convolutional Neural Networks (CNN) | Deep Learning | Python / 2023 |
| 9 | JPPY2309 | Digital Image Forgery Detection Using Deep Learning | Deep Learning | Python / 2023 |
| 10 | JPPY2311 | Kidney Cancer Detection using Deep Learning Models | Deep Learning | Python / 2023 |
| 11 | JPPY2312 | Medicinal Herbs Identification | Deep Learning | Python / 2023 |
| 12 | JPPY2313 | Monkeypox Diagnosis with Interpretable Deep Learning | Deep Learning | Python / 2023 |
| 13 | JPPY2314 | Music Genre Classification Using Convolutional Neural Network | Deep Learning | Python / 2023 |
| 14 | JPPY2315 | Pancreatic Cancer Classification using Deep Learning | Deep Learning | Python / 2023 |
| 15 | JPPY2316 | Prediction of Lung Cancer using Convolution Neural Networks | Deep Learning | Python / 2023 |
| 16 | JPPY2317 | Signature Fraud Detection using Deep Learning | Deep Learning | Python / 2023 |
| 17 | JPPY2318 | Skin Cancer Prediction Using Deep Learning Techniques | Deep Learning | Python / 2023 |
| 18 | JPPY2319 | Traffic Sign Classification using Deep Learning | Deep Learning | Python / 2023 |
| 19 | JPPY2320 | Disease Classification in Wheat from Images Using CNN | Deep Learning | Python / 2023 |
| 20 | JPPY2333 | Detection of Lungs Cancer through Computed Tomographic Images using Deep Learning | Deep Learning | Python / 2023 |
| 21 | JPPY2321 | A Machine Learning Framework for Early-Stage Detection of Autism Spectrum Disorders | Machine Learning | Python / 2023 |
| 22 | JPPY2322 | A Machine Learning Model to Predict a Diagnosis of Brain Stroke | Machine Learning | Python / 2023 |
| 23 | JPPY2323 | CO2 Emission Rating by Vehicles Using Data Science | Machine Learning | Python / 2023 |
| 24 | JPPY2324 | Cyber Hacking Breaches Prediction and Detection Using Machine Learning | Machine Learning | Python / 2023 |
| 25 | JPPY2325 | Fake Profile Detection on Social Networking Websites using Machine Learning | Machine Learning | Python / 2023 |
| 26 | JPPY2326 | Crime Prediction Using Machine Learning and Deep Learning | Machine Learning | Python / 2023 |
| 27 | JPPY2327 | Drug Recommendation System in Medical Emergencies using Machine Learning | Machine Learning | Python / 2023 |
| | JPPY2328 | Efficient Machine Learning Algorithm for Future Gold Price Prediction | Machine Learning | Python / 2023 |

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| 28 | | | Learning | |
| 29 | JPPY2329 | Heart Disease Prediction With Machine Learning | Machine Learning | Python / 2023 |
| 30 | JPPY2330 | House Price Prediction using Machine Learning Algorithm | Machine Learning | Python / 2023 |
| 31 | JPPY2331 | Human Stress Detection Based on Sleeping Habits Using Machine Learning Algorithms | Machine Learning | Python / 2023 |

OTHER PYTHON IEEE PROJECTS

Python IEEE Machine Learning Project Titles

| Sl.No | Project Code | Python IEEE Machine Learning Project Titles | Domain | Lang/Year |
|-------|--------------|---|------------------|---------------|
| 1 | JPPY2223 | Detection of Phishing Websites Using Machine Learning | Machine Learning | Python / 2022 |
| 2 | JPPY2026 | Predicting Stock Market Trends Using Machine Learning and Deep Learning Algorithms Via Continuous and Binary Data; a Comparative Analysis | Machine Learning | Python / 2020 |
| 3 | JPPY2205 | Electricity Theft Detection in Smart Grids Based on Deep Neural Network | Machine Learning | Python / 2022 |
| 4 | JPPY2218 | Intrusion Detection System Using Improved Convolution Neural Network | Machine Learning | Python / 2022 |
| 5 | JPPY2021 | Intrusion Detection System Using PCA with Random Forest Approach | Machine Learning | Python / 2020 |
| 6 | JPPY2217 | A Machine Learning-based Approach for Crop Yield Prediction and Fertilizer Recommendation | Machine Learning | Python / 2022 |
| 7 | JPPY2230 | InteliCrop: An Ensemble Model to Predict Crop using Machine Learning Algorithms | Machine Learning | Python / 2022 |
| 8 | JPPY2103 | Agricultural Crop Recommendations based on Productivity and Season | Machine Learning | Python / 2021 |
| 9 | JPPY2107 | Crop Recommender System Using Machine Learning Approach | Machine Learning | Python / 2021 |
| 10 | JPPY2007 | Crop Yield Prediction based on Indian Agriculture using Machine Learning | Machine Learning | Python / 2020 |
| 11 | JPPY2224 | Edible and Poisonous Mushrooms Classification by Machine Learning Algorithms | Machine Learning | Python / 2022 |
| 12 | JPPY2104 | An Efficient Spam Detection Technique for IoT Devices Using Machine Learning | Machine Learning | Python / 2021 |

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| | | | Learning | |
| 13 | JPPY2219 | Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms | Machine Learning | Python / 2022 |
| 14 | JPPY2228 | Fraud Detection and Analysis for Insurance Claim using Machine Learning | Machine Learning | Python / 2022 |
| 15 | JPPY2234 | Fraud Detection on Bank Payments Using Machine Learning | Machine Learning | Python / 2022 |
| 16 | JPPY2121 | A Comparative Study on Fake Job Post Prediction Using Different Data mining Techniques | Machine Learning | Python / 2021 |
| 17 | JPPY2116 | WELFake: Word Embedding Over Linguistic Features for Fake News Detection | Machine Learning | Python / 2021 |
| 18 | JPPY2108 | Detecting Fake Reviews Using Multidimensional Representations With Fine-Grained Aspects Plan | Machine Learning | Python / 2021 |
| 19 | JPPY2012 | Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms | Machine Learning | Python / 2020 |
| 20 | JPPY2033 | Email Spam Detection Using Machine Learning Algorithms | Machine Learning | Python / 2020 |
| 21 | JPPY2010 | Defensive Modeling of Fake News Through Online Social Networks | Machine Learning | Python / 2020 |
| 22 | JPPY2015 | FAKEDETECTOR: Effective Fake News Detection with Deep Diffusive Neural Network | Machine Learning | Python / 2020 |
| 23 | JPPY2030 | Spam Review Detection Using the Linguistic and Spammer Behavioral Methods | Machine Learning | Python / 2020 |
| 24 | JPPY1810 | Review Spam Detection using Machine Learning | Machine Learning | Python / 2018 |
| 25 | JPPY2214 | A Deep Prediction of Chronic Kidney Disease by Employing Machine Learning Method | Machine Learning | Python / 2022 |
| 26 | JPPY2225 | Efficient Thyroid Disease Prediction using Features Selection and Meta-Classifiers | Machine Learning | Python / 2022 |
| 27 | JPPY2229 | Heart Disease Prediction using Machine Learning and Data Analytics Approach | Machine Learning | Python / 2022 |
| 28 | JPPY2231 | Liver disease prediction using Ensemble Technique | Machine Learning | Python / 2022 |
| 29 | JPPY2232 | Prediction of Parkinson's disease using XGBoost | Machine Learning | Python / 2022 |
| 30 | JPPY2105 | Chronic Kidney Disease Stage Identification in HIV Infected Patients using Machine Learning | Machine Learning | Python / 2021 |
| 31 | JPPY2110 | Diabetes Disease Prediction Using Machine Learning Algorithms | Machine Learning | Python / 2021 |

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|----|----------|--|------------------|---------------|
| 32 | JPPY2113 | Machine Learning Based Heart Disease Prediction System | Machine Learning | Python / 2021 |
| 33 | JPPY2114 | Naive Bayes Classifier for Predicting the Novel Coronavirus | Machine Learning | Python / 2021 |
| 34 | JPPY2119 | Primary Stage of Diabetes Prediction using Machine Learning Approaches | Machine Learning | Python / 2021 |
| 35 | JPPY2001 | A Machine Learning Methodology for Diagnosing Chronic Kidney Disease | Machine Learning | Python / 2020 |
| 36 | JPPY2117 | Drug Recommendation System based on Sentiment Analysis of Drug Reviews using Machine Learning | Machine Learning | Python / 2021 |
| 37 | JPPY2006 | COVID-19 Future Forecasting Using Supervised Machine Learning Models | Machine Learning | Python / 2020 |
| 38 | JPPY2019 | Heart Disease Identification Method Using Machine Learning Classification in E-Healthcare | Machine Learning | Python / 2020 |
| 39 | JPPY2027 | Prediction of Breast Cancer, Comparative Review of Machine Learning Techniques, and Their Analysis | Machine Learning | Python / 2020 |
| 40 | JPPY2035 | A New Intelligent Approach for Effective Recognition of Diabetes in the IoT E-HealthCare Environment | Machine Learning | Python / 2020 |
| 41 | JPPY2222 | Detection of Cyberbullying Using Machine Learning and Deep Learning Algorithms | Machine Learning | Python / 2022 |
| 42 | JPPY2235 | Toxic Speech Classification using Machine Learning Algorithms | Machine Learning | Python / 2022 |
| 43 | JPPY2109 | Detection of Cyberbullying on Social Media Using Machine learning | Machine Learning | Python / 2021 |
| 44 | JPPY2034 | Detecting A Twitter Cyberbullying Using Machine Learning | Machine Learning | Python / 2020 |
| 45 | JPPY2008 | Deep Learning Based Fusion Approach for Hate Speech Detection | Machine Learning | Python / 2020 |
| 46 | JPPY2215 | A Machine Learning Based Approach for Wine Quality Prediction | Machine Learning | Python / 2022 |
| 47 | JPPY2216 | Air Quality Prediction Based on Machine Learning | Machine Learning | Python / 2022 |
| 48 | JPPY2237 | Water Quality Classification Using SVM And XGBoost Method | Machine Learning | Python / 2022 |
| 49 | JPPY2236 | Traffic Accident Risk Prediction Using Machine Learning | Machine Learning | Python / 2022 |
| 50 | JPPY2101 | A Road Accident Prediction Model Using Data Mining Techniques | Machine Learning | Python / 2021 |
| 51 | JPPY2233 | Prediction Of Used Car Prices Using Artificial Neural Networks And Machine Learning | Machine Learning | Python / 2022 |

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| | | | Learning | |
| 52 | JPPY2118 | Predictive Analysis for Big Mart Sales Using Machine Learning Algorithms | Machine Learning | Python / 2021 |
| 53 | JPPY2120 | Prediction of Modernized Loan Approval System Based on Machine Learning Approach | Machine Learning | Python / 2021 |
| 54 | JPPY2131 | A Study on a Car Insurance Purchase Prediction Using Machine Learning | Machine Learning | Python / 2021 |
| 55 | JPPY2017 | Flight Delay Prediction Based on Aviation Big Data and Machine Learning | Machine Learning | Python / 2020 |
| 56 | JPPY2002 | Academic Performance Prediction Based on Multisource, Multifeature Behavioral Data | Machine Learning | Python / 2020 |
| 57 | JPPY2024 | Performance Analysis on Student Feedback using Machine Learning Algorithms | Machine Learning | Python / 2020 |
| 58 | JPPY2031 | Students Performance Prediction in Online Courses Using Machine Learning Algorithms | Machine Learning | Python / 2020 |
| 59 | JPPY2102 | A Systematic Review of Predicting Elections Based on Social Media Data | Machine Learning | Python / 2021 |
| 60 | JPPY2106 | COVIDSenti: A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis | Machine Learning | Python / 2021 |
| 61 | JPPY2111 | Emotion Recognition by Textual Tweets Classification Using Voting Classifier (LR-SGD) | Machine Learning | Python / 2021 |
| 62 | JPPY2013 | Detection of Fake and Clone accounts in Twitter using Classification and Distance Measure Algorithms | Machine Learning | Python / 2020 |
| 63 | JPPY2014 | Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network | Machine Learning | Python / 2020 |
| 64 | JPPY2016 | Finding Psychological Instability Using Machine Learning | Machine Learning | Python / 2020 |
| 65 | JPPY2020 | Hybrid Feature based Prediction of Suicide Related Activity on Twitter | Machine Learning | Python / 2020 |
| 66 | JPPY1916 | Analysis and Prediction of Suicide Attempts | Machine Learning | Python / 2019 |
| 67 | JPPY1801 | A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining | Machine Learning | Python / 2018 |
| 68 | JPPY2112 | Crime Type and Occurrence Prediction Using Machine Learning Algorithm | Machine Learning | Python / 2021 |
| 69 | JPPY2005 | Comparison of Machine Learning Algorithms for Predicting Crime Hotspots | Machine Learning | Python / 2020 |
| 70 | JPPY2011 | Detecting and Characterizing Extremist Reviewer Groups in Online Product Reviews | Machine Learning | Python / 2020 |

Python IEEE Deep Learning Project Titles

| Sl.No | Project Code | Python IEEE Deep Learning Project Titles | Domain | Lang/Year |
|-------|--------------|---|---------------|---------------|
| 1 | JPPY2201 | <u>A Contemporary Technique for Lung Disease Prediction using Deep Learning</u> | Deep Learning | Python / 2022 |
| 2 | JPPY2208 | <u>Parkinson's Disease Detection Using Machine Learning</u> | Deep Learning | Python / 2022 |
| 3 | JPPY2209 | <u>Pneumonia Detection using Deep Learning</u> | Deep Learning | Python / 2022 |
| 4 | JPPY2123 | <u>Brain Tumour Detection Using Deep Learning</u> | Deep Learning | Python / 2021 |
| 5 | JPPY2124 | <u>Classification of Malaria-Infected Cells using Convolutional Neural Networks</u> | Deep Learning | Python / 2021 |
| 6 | JPPY2126 | <u>Diabetic Retinopathy Detection by means of Deep Learning</u> | Deep Learning | Python / 2021 |
| 7 | JPPY2127 | <u>Diagnosis of COVID-19 from Chest X-Ray Images Using Wavelets-Based Depthwise Convolution Network</u> | Deep Learning | Python / 2021 |
| 8 | JPPY2132 | <u>Melanoma Detection Using Convolutional Neural Network</u> | Deep Learning | Python / 2021 |
| 9 | JPPY2004 | <u>Artificial Intelligence and COVID-19: Deep Learning Approaches for Diagnosis and Treatment</u> | Deep Learning | Python / 2020 |
| 10 | JPPY2036 | <u>Malaria Detection using Deep Learning</u> | Deep Learning | Python / 2020 |
| 11 | JPPY2202 | <u>Automated Bird Species Identification using Audio Signal Processing and Neural Network</u> | Deep Learning | Python / 2022 |
| 12 | JPPY2213 | <u>Speech Emotion Recognition using Machine Learning</u> | Deep Learning | Python / 2022 |
| 13 | JPPY2204 | <u>Detection of Stress in IT Employees using Machine Learning Technique</u> | Deep Learning | Python / 2022 |
| 14 | JPPY2122 | <u>A Lightweight Convolutional Neural Network for Real-Time Facial Expression Detection</u> | Deep Learning | Python / 2021 |
| 15 | JPPY2133 | <u>Real-Time Drowsiness Identification based on Eye State Analysis</u> | Deep Learning | Python / 2021 |
| 16 | JPPY2032 | <u>A Mask Detection Method for Shoppers Under the Threat of COVID-19 Coronavirus</u> | Deep Learning | Python / 2020 |

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| 17 | JPPY2037 | Human Recognition using Ear based Deep Learning Features | Deep Learning | Python / 2020 |
| 18 | JPPY2206 | Fine-Grained Food Classification Methods on the UEC FOOD-100 Database | Deep Learning | Python / 2022 |
| 19 | JPPY2207 | Identification of Fake Indian Currency using Convolutional Neural Network | Deep Learning | Python / 2022 |
| 20 | JPPY2210 | Plant Disease Detection and Classification Using Machine Learning Algorithm | Deep Learning | Python / 2022 |
| 21 | JPPY2211 | Rice Leaf Disease Prediction Using Machine Learning | Deep Learning | Python / 2022 |
| 22 | JPPY2212 | Soil Analysis and Crop Recommendation using Machine Learning | Deep Learning | Python / 2022 |
| 23 | JPPY2115 | Potato Disease Detection Using Machine Learning | Deep Learning | Python / 2021 |
| 24 | JPPY2134 | Tomato Leaf Disease Identification by Restructured Deep Residual Dense Network | Deep Learning | Python / 2021 |
| 25 | JPPY2028 | Rice Leaf Diseases Classification Using CNN With Transfer Learning | Deep Learning | Python / 2020 |
| 26 | JPPY2135 | Traffic Sign Board Recognition and Voice Alert System using Convolutional Neural Network | Deep Learning | Python / 2021 |
| 27 | JPPY2009 | Deep Learning for Large-Scale Traffic-Sign Detection and Recognition | Deep Learning | Python / 2020 |
| 28 | JPPY2130 | License Plate Detection Methods Based on OpenCV | Deep Learning | Python / 2021 |
| 29 | JPPY2128 | Handwritten Digit Recognition Using CNN | Deep Learning | Python / 2021 |

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