

Sardar Patel Institute of Technology
(An Autonomous Institute Affiliated to University of Mumbai)
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

Conference Publications and Books published during the last five years

Sr. No.	Name of the teacher	Title of the paper
2022		
2022 COMP		
1	D.R.Kalbande, A.Majumdar,Dorik, Deshpande	Deep Learning approach for early diagnosis of jaundice
2	D.Kalbande, Ishita B, Sakshi K, Ojasa C	Performance Analyzer for Blue Chip Companies
3	Sudhir Dhage, Sakshi Patil, Harshwardhan Pardeshi	Financial Portfolio Management and Optimization to Maximize Returns Using a Combination of HRP and Sentiment Analysis
4	Sudhir Dhage, V. Jolly, R. Jain, J. Shah	Posture Correction and Detection using 3-D Image Classification
5	Dr. Preetida V-Jani, Prathamesh Bagekari, Raj Gorhekar, Afaan Ansari	Securing Blood Distribution Systems Using Blockchain
6	Jyoti Ramteke, C. R. Gajbhiye, Nikita Chitre, Namrata Bhorade,Pradnya Topale	Speech Emotion Recognition to assist Autistic children
7	Nataasha Raul, Meghana N, Chaitya Shah, Jinal Shah, Viraj Shah	Remote Employee Monitoring & Management
8	Nataasha Raul, Madhav Lahoti, Sanchit Gajam, Aditya Kasat	Music Recommendation System Based on Facial Mood Detection
9	S. Ghane, A. Motwani, P. Patil, V. Nagaria, S. Verma	Soil Analysis and Crop Recommendation using Machine Learning,

2022 IT

1	Prof. Sheetal Chaudhari	Image to recipe and nutritional value generator using deep learning
2	Prof. Sheetal Chaudhari	Draw2code -AI based web page generation from hand - drawn page mock-up
3	Prof. Renuka Pawar	Monitoring Supply Chain of Pharmaceutical Drugs Using Blockchain
4	Prof. Renuka Pawar	3DVAEReCNN: Region-based Convolutional Neural Network for Volumetric Rendering of Indoor Scenes
5	Prof. Jignesh Sisodia	An Intelligent Framework for Crime Prediction Using Behavioural Tracking and Motion Analysis
6	Prof. Swapnali Kurhade	Dream11 IPL Team Recommendation using Machine Learning and Skill - Based Ranking of Players
7	Prof. Nikahat Mulla	“ResMintage: Leveraging Blockchain Technology to Share Hardware Resources”

2022 MCA

1	Dr. Pooja Raundale, Mayura Nagare,Ahsan Khandoker,Herbert Jelinek	A Systematic Literature Review: Role of AI Algorithms for Automated Diagnosis of Diabetic Cardiac Autonomic Neuropathy [DCAN]
2	Prof. Harshil Kanakia,Pallavi Thakur,Srishti Bisht	Music emotion prediction based on Hybrid Approach combining Lyrical and Acoustic Approaches
3	Prof. Harshil Kanakia ,Pallavi Thakur, Vishal Parab,Shivam Chaubey,Manish Jha	Helping Hand: Metro Travel Assistance App for Elderly and Differently Abled People
4	Jaikishan Bagul, Prajwal Warkhade, Tanish Gangwal,Nikhita Mangaonkar	ARIMA vs LSTM Algorithm – A Comparative Study based on Stock Market Prediction
5	Nikhita Mangaonkar,Abhishek Gupta, Pranav Soneji	Robotic Process Automation Powered Admission Management System
6	Nikhita Mangaonkar,Shivam Chaubey, Siddharth Bhalerao	AutoKYC: Automation of Identity establishment and authentication in KYC process using Text extraction and face recognition
7	Harshil Kanakia, Pallavi Thakur, Nisarg Patil, Simran Dubey	Stock Market Prediction Using Yahoo finance and Twitter Polarity
8	Dr. Aarti Karande Ms. Snehal Gadge	Study of Different Types of Evaluation Methods in Classification and Regression
9	Dr. Aarti Karande Dr. Padmaja Joshi	Common quality measures for Enterprise Architecture
10	Dr. Aarti Karande Prachi Dalvi	Explainable Approach for Species Identification using LIME

2021
2021 COMP

1	Sudhir Dhage and S. Garud	Lung Cancer Detection Using CT Images and CNN Algorithm,
2	Sudhir Dhage, A. Kothari, D. Shah, T. Soni	Cosmetic Skin Type Classification Using CNN With Product Recommendation,
3	Sudhir Dhage, S. Maniar, K. Sukhani, K. Shah	Automated Proctoring System using Computer Vision Techniques
4	Anant Nimkar, Meghana Naik, Anish Dixit, Shreya Oak, Shaney Mantri	Lane Change Prediction based on Trajectory Analysis and Driver Actions Tracking
5	Anant V Nimkar, Shloka S Shah, Rishika Anil Gupta, Parth Jardosh	Prosodic Speech Synthesis of Narratives Depicting Emotional Diversity Using Deep Learning
6	Anant V Nimkar, Jimil Shah, Manan Doshi	Kairo: A Remunerative Framework for Minimum Investment Portfolio Management
7	Anant V. Nimkar, Aumkar Gadekar, Shreya Oak, Abhishek Revadekar	MMAP : A Multi-Modal Automated Online Proctor
13	Anand Godbole, Jaiwin Shah, Rishabh Jain, Vedant Jolly	“Stock Market Prediction Using Bi-directional LSTM”

14	Surekha Dholay, Prerak Parekh, Chirag Rana, Kunal Nalawade	Credit Card Fraud Detection with Resampling Techniques
15	Surekha Dholay; Sakshi Patil; Gaurav Patil; Harshwardhan Pardeshi	Livestockly: An Application for Providing Veterinary Services
16	Surekha Dholay; Sarika Singh; Yash Shah; Yug Vajani	Automated Paper Evaluation System for Subjective Handwritten Answers
17	Surekha Dholay, Neha Kale, Shivangi Kochrekar, Rishita Mote	Classification Of Fraud Calls By Intent Analysis Of Call Transcripts
18	Surekha Dholay; Shashank Patel; Rucha Nargunde; Chaitya Shah	Counterfeit Currency Detection using Deep Learning
19	Surekha Dholay, Ashutosh Naik, Rohit Pai, Harsh Sandesara	Vigila: Application for General Safety
20	Surekha Dholay, Vaidehi Vatsaraj, Jahnvi Shah, Shobhit Verma	Decentralized Document Store using Blockchain
21	Surekha Dholay, Jay Mehta, Darsh Mehta, Jainam Jain	Asset Tracking System Using Blockchain
22	Kiran Gawande, Harshawardhan Pardeshi, Aishwarya Ghaiwat, Ankeet Thongire	Fitness Freaks: A System For Detecting Definite Body Posture Using Open Pose Estimation
23	Nataasha Raul, Manvita Joshi, Chetashri Mahajan, Traividya Korgaonkar	A MOBILE APP FOR SAFE AND SECURE MONETARY TRANSACTIONS
24	Reeta Koshy, Jay Mehta, Vaidehi Vatsaraj	Exam Preparation Kit Using Natural Language Processing
25	Reeta Koshy, Ebrahim Gabajiwala, Priyav Mehta, Ritik Singh	Quiz Maker : Automatic Quiz Generation from Text using NLP
26	Pramod Bide	Survey on Social Distancing Detection Using Deep Learning
27	Pramod Bide	A Survey on Covid-19 Face-Mask Detection Techniques
28	Dhananjay Kalbande, Shwetambari Borade	Survey paper based critical reviews for Cosmetic Skin Diseases
29	S. Dhage, P. Bide	Similar Event Detection and Event Topic Mining in Social Network Platform,
30	S. Dhage, S. Kakad	Ontology Construction from Cross Domain Customer Reviews using Expectation Maximization and Semantic Similarity
31	Anant V Nimkar, Dipam Shah, Taksh Soni	Safety Value Index: Computation and Evaluation of Safety of Geographical Area using Fuzzy Logic
32	Anant V Nimkar, Shloka S Shah, Rishika Anil Gupta, Parth Jardosh	Prosodic Speech Synthesis of Narratives Depicting Emotional Diversity Using Deep Learning
33	Anant V Nimkar, Jimil Shah, Manan Doshi	Kairos: A Remunerative Framework for Minimum Investment Portfolio Management
34	Anant V. Nimkar, Aumkar Gadekar, Shreya Oak, Abhishek Revadekar	MMAP : A Multi-Modal Automated Online Proctor
35	Anand Godbole, Bhavik Kanekar	Multi-channel CNN-BiGRU Neural Network For Sentiment Analysis
36	Anand Godbole, Pulin Prabhu , Garima Kaushik	Detox: NLP Based Classification And Euphemistic Text Substitution For Toxic Comments
37	Anand Godbole, Aman Agarwal , Harshit Barot , Romit Kankaria	RAAH.ai : An interactive chatbot for stress relief using Deep Learning and Natural Language Processing

38	Anand Godbole, Jay Mehta, Vaidehi Vatsaraj, Jinal Shah	AIRPLANE CRASH SEVERITY PREDICTION USING MACHINE LEARNING
39	Anand Godbole, Rupali Sawant, Vishal Ramane	A novel approach towards video-ranking intent and relevance feedback
40	Anand Godbole, Jaiwin Shah, Rishabh Jain, Vedant Jolly	Stock Market Prediction Using Bi-directional LSTM
41	Surekha Dholay, Apoorva Chaudhari; Palak Davda; Monil Dand	Profanity Detection and Removal in Videos using Machine Learning
42	Surekha Dholay, Jinang Gandhi; Sarah Gawde; Arnab Ghorai	Flood Water Depth Classification Using Convolutional Neural Networks
43	Surekha Arjapure, D.R.Kalbande	Deep Learning Model for Pothole Detection and Area Computation
44	Prof. Surekha Dholay, Rahul Ramteke, Anay Padhye, Amandeep Som Dutt	Malware Detection in Banking and Financial Sector using Light Gradient Boosting Model
45	Kiran Gawande, Devansh P Shah, Nikhil M Jagtap, Prathmesh T Talekar	Raga Recognition in Indian Classical Music using Deep Learning
46	Kiran Gawande, Ansari Mohd Saeem Mohd Saleem	Coercive Behaviour Catching : A Real Time Analysis Approach
47	Jyoti Ramteke, Sujoy Barua, Divya Gavandi, Pooja Sangle, Leena Shinde	Swindle: Predicting the Probability of Loan Defaults using CatBoost Algorithm
48	Jyoti Ramteke, Ajinkya Kudoo, Aman Paturkar, Umang Prajapati	Real-Time Compression Artifact Reduction for Low Bandwidth Video Conferencing
49	Jyoti Ramteke, Sarika Singh, Shashank Patel, Yash Shah, Rucha Nargunde	Context-Based Deep Learning Approach for Named Entity Recognition in Hindi
50	Jyoti Ramteke, Shreyam Shah	Context aware Named Entity Recognition with Pooling
51	Prof. Nataasha Raul, Khushi Jashnani, Rucha Nargunde, Yash Shah	COVID-19 Prediction from CT Scans using Deep-Learning
52	Nataasha Raul, Radhika Bailurkar	Detecting Bots to Distinguish Hate Speech on Social Media
53	Reeta Koshy, Siddhesh Sonawane, Anisha Gharat, Tejashree Wagh	A Complexion Based Outfit Colour Recommender using Neural Networks
54	Pramod Bide, Om Rajpurkar, Jayram N, Siddesh S	Engagement and emotion analysis in theatre using thermal imaging
55	P. Bide and S. Dhage	Similar Event Detection and Event Topic Mining in Social Network Platform
56	Pramod Bide, Ritik Shingh , Shubham Shetty, Gaurav Patil	Helmet Detection Using Detectron2 and EfficientDet
57	Pramod Bide, Viraj Shah	A Survey on Covid-19 Face-Mask Detection Techniques
58	Pramod Bide, Harsh, Karan	A survey on social distance detection using deep learning
59	P. Bide, E. Hirani, V. Magotra, J. Jain	Plant Disease Detection Using Deep Learning
60	Pramod Bide, Rishi	Death by heart failure prediction using machine learning algorithms

2021 IT		
1	Prof. Kailas Devadkar	Architecture for Mobile cloud computing using five level offloading
2	Prof. Kailas Devadkar	Real time detection of weather based disasters
3	Dr. Prasenjit Bhavathankar	Markerless Augmented Reality based application for E-Commerce to Visualise 3D Content
4	Dr. Prasenjit Bhavathankar	Analytical and Sentiment based text generative chatbot,
5	Prof. Rupali Sawant	COVID 19 protocol breach detection using surveillance cameras
6	Prof. Sheetal Chaudhari	"A Web Application for Early Prediction of Diabetes Using Artificial Neural Network
7	Prof. Sheetal Chaudhari	LSB based Audio Steganography using RSA and ChaCha 2020 Encryption
8	Prof. Renuka Pawar	Real-Time Text & Speech Translation Using Sequence To Sequence Approach
9	Prof. Renuka Pawar	Machine Interpretation of Medical Images Using Deep Learning
10	Prof. Renuka Pawar	Automating the Bypass of Image-based CAPTCHA and Assessing Security
11	Prof. Swapnali Kurhade	Intrusion Detection System Using Homomorphic Encryption
12	Prof. Swapnali Kurhade	Dream11 IPL Team Recommendation using Machine Learning and Skill - Based Ranking of Players
13	Prof. Varsha Hole	Performance Benchmarking and Analysis of Various Elevator Dispatching Strategies
14	Prof. Nikahat Mulla	Virtual Assistant for Enhancing English Speaking Skills
15	Prof. Nikahat Mulla	Media File Descriptor Using Deep Learning
16	Prof. Kailas Devadkar	Enabling MapReduce based Parallel Computation in Smart Contracts
17	Prof. Rupali Sawant	A novel approach towards video-ranking using intent and relevance feedback
18	Prof. Rupali Sawant	A Diagnostic Classifier for Prediction of Vitamin and Mineral Deficiency Based on Symptoms and Profiling Its Impact During Pregnancy
19	Prof. Rupali Sawant	Malware Classification and Defence against Adversarial Attacks
20	Prof. Sheetal Chaudhari	Portfolio Management using Beetle Swarm Optimization with Penalty Method
21	Prof. Sheetal Chaudhari	A survey on Artificial Intelligence based techniques to convert User Interface design mock-ups to code
22	Prof. Sheetal Chaudhari	Real Time Traffic Control System Using Dynamic Scheduling
23	Prof. Sheetal Chaudhari	Video Recognition Techniques for Indian Sign Language in Healthcare Domain
24	Prof. Sheetal Chaudhari	Attention, Emotion and Attendance Tracker with Question Generation System Using Deep Learning
25	Prof. Sheetal Chaudhari	Farming Made Easy using Machine Learning
26	Prof. Sheetal Chaudhari	Realtime Heart Disease Prediction System using Multilayer Perceptron

27	Prof. Sheetal Chaudhari	Road Surface Classification And Subsequent Pothole Detection Using Deep Learning
28	Prof. Sheetal Chaudhari	Multilingual Healthcare Chatbot Using Machine Learnin
29	Prof. Sheetal Chaudhari	A Modified Approach To Sleep Scheduling Mechanism Using Particle Swarm Optimization For Wireless Sensor Network
30	Prof. Jignesh Sisodia	Telecomm Churn Prediction Using Fundamental Classifiers To Identify Cumulative Probability
31	Prof. Jignesh Sisodia	Detection of Machine Generated Multimedia Elements Using Deep Learning
32	Prof. Swapnali Kurhade	Context-based Clickbait identification using Deep Learning
33	Prof. Swapnali Kurhade	Multi Agent Path Finding using Dynamic Distributed Deep Learning Model
34	Prof. Nikahat Mulla	Personalised Employee Training

2021 ETRX

1	Dr. Surendra Singh Rathod	Domains of Learning" in "Outcome Based Education & Accreditation
2	Dr. Deepak Karia	Reliable M2M Communication using MQTT Protocol and Mean Stack, in Springer sponsored International Conference on Inventive Computation Technologies
3	Dr. Deepak Karia, Prof. Najib Ghatte	Automatic Room Sanitization using UV-C Tubes
4	Deepak Karia, Najib Ghatte	Thermal Sensing Alert System
5	Najib Ghatte, Deepak Karia	Universal Remote using EMG based Gesture Recognition
6	Deepak Karia	Threat Assessment Industrial Robot
7	Kiran Talele, Manisha Bansode	Microcontroller based Substation Disaster Monitoring System
8	Prof. Govind Haldankar, Dr. Rajendra Sutar, Prof. Prashant Kasambe	IoT Enabled Programmable SwitchBox with existing SwitchBoard back
9	Prof. Kiran Talele, Prof. Manisha Bansode	Microcontroller based Substation Disaster Monitoring System
10	Payal Shah, Dr. S.S. Rathod	Design of Retinal Ganglion and Bipolar Cell Exhibiting Near Biological Response
11	Manisha Bansode	Mitigation of Electromagnetic Interference in high speed circuits
12	Payal Shah	Automatic Detection of Bikers with No Helmet and Number Plate Detection
13	Payal Shah, S. S. Rathod	Layout of a Neuromorphic Integrated Circuit for Differential Motion Detection
14	Priya Chimurkar, Deepak Karia	E-Mail Spam Classification via Machine Learning and Natural Language Processing
15	Manisha R. Bansode, Surendra S. Rathod	Simultaneous Switching Noise Reduction in High Speed Circuits
16	Priya Chimurkar, GT Haldankar	Nutrient Deficiency Detection in Leaves using Deep Learning
17	G.T. Haldankar, Priya Chimurkar	Contactless Fingerprint Verification Using Neural Networks
18	Priya Chimurkar, Prashant Kasambe	Manhole Management using Image Processing and Data Analytics
19	Priya Chimurkar, Kiran T. Talele	Cyber-Bullying Detection via Text Mining and Machine Learning

20	Prashant V. Kasambe	Microstrip Patch Antenna with Partial Ground Plane and Parasitic Patch for K Band Application in 5G
21	Prashant Kasambe, Surendra Rathod	Automating Camera Rover for Sports Broadcast
22	Priya Chimurkar, Prashant Kasambe	Manhole Management using Image Processing and Data Analytics
23	Deepak Karia, Najib Ghatte	AI Based Smart Remedial Observants in COVID-19
24	Deepak Karia	Price Prediction and Notification System for cryptocurrency Share Market Trading
25	Deepak Karia, Kiran Talele	Twitter Sentiment Analysis for COVID-19
26	Manisha Bansode, Najib Ghatte	Artificial Intelligence based Fake News Classification System
27	Narendra Bhagat	Algorithmic Trading using Technical Indicators
28	Narendra Bhagat	Ponseti Corrector: Facilitating Cure for Clubfoot Disorder
29	Narendra Bhagat	Customer Order Processing using Robotic Process Automation
30	Payal Shah, Surendra S. Rathod	Review of Bio-inspired Silicon Retina: From Cell to System Level Implementation
31	Payal Shah	VerifyB - Students' Record Management and Verification System
32	Payal Shah, Surendra Singh Rathod	Smart Parking Solutions for On-Street and Off-Street Parking

2021 MCA

1	Dr. Pooja Raundale,Sheetal Chaudhari,JaswantSingh Pardeshi,Harsh Dave,Sarah Sonje	A Survey on Artificial Intelligence based Techniques to convert User Interface design mock-ups to code
2	Dr. Pooja Raundale.Shardul Rane, Chetan Thosar	Prediction of Parkinsons disease and severity of the disease using Machine Learning and Deep Learning
3	Dr. Pooja Raundale,Akash Sawale	Dialog prediction in Institute Admission : A Deep Learning Way
4	Pooja Raundale , Preeti Chauhan, Neha Rane, Harshil Kanakia	Comparative Analysis of Machine Learning Algorithms for Prediction of PCOS
5	Pooja Raundale , Hadi Maredia	Analytical Study Of Handwritten Character Recognition: A Deep Learning Way
6	Dr. Aarti Karande, Chinmayi Rane, Amol Lashkare	Image Captioning based Smart Navigation System for Visually Impaired
7	Nikhita Mangaonkar,Nilam Khatal,Siddhesh Chaughule	ResumeScreeningBotusingRPA
8	Sakina Salmani,Purvesh Desale, Frank Anthony	Analysis of Anxiety and Depression in Gaming Individuals
9	Sakina Salmani,Sarvesh Kulkarni	Hybrid Movie Recommendation System Using Machine Learning
10	Sakina Salmani,Mridul Gupta,Shailin Shah	Improving whatsapp Video Statuses using FFMPEG and Software based encoding
11	Prof.Nikhita Mangaonkar,Rahul Pai, Avinash Dubey	Real Time Eye Monitoring System Using CNN for Drowsiness and Attentiveness System
12	Pooja Raundale, Himanshu Shekhar	Analytical study of Text Summarization Technique
13	Prof. Harshil Kanakia,Sayali Kamble,Diksha Bangdale	Analysis Of Mental Health During COVID-19 Pandemic

2020
2020 COMP

1	Dr Dhananjay Kalbande, Dr.B.N. Chaudhari, Garima Kaushik, Shaney Mantri, Shrishti Kaushik	Analysis of Effectiveness of Quarantine Measures in Controlling COVID-19
2	Kalbande Dhananjay and Ghorai Arnab and Gawde Sarah	Digital Solution for Enforcing Social Distancing
3	Dhananjay Kalbande, Vedant Kumar, Siddhant Kumar, ParthShingala, Pradhuman Singh	AI Powered Holistic Solution for Travelers During Pandemic
4	Dhananjay Kalbande, Rushabh Khara, Deepika Pomendkar, Rishika Gupta, IshwarlalHingorani	Micro Loans for Farmers
5	Dhananjay Kalbande, Priyam Das	Behavioural Analysis of Multi-Source Social Network Data Using Object-Centric Behavioural Constraints and Data Mining Technique
6	Kalbande Dhananjay, Ajani Yameen, Mangalorkar Krish, Nadar Yohann, Mehra Mahendra	College Project Preservation and Emulation using Containerization over Private cloud
7	Dhananjay Kalbande, Mohit Sanjay Badve, Vinal Bagaria, Apoorva Chaudhari, Palak Davda	Garbage Collection System Using IoT for Smart City
8	Dhananjay Kalbande, Manan Doshi, Jimil Shah, Aumkar Gadekar, Anish Dixit, Shloka Shah, Parth Jardosh	MeghNA: Cloud Detection and Motion Prediction in INSAT Images
9	Dhananjay Kalbande, Tejas Chheda, Soumya Kopakka, Rithvika Iyer	A Survey on Object Detection, Annotation and Anomaly Detection Methods for Endoscopic Videos
10	Dhananjay Kalbande, Tejas Chheda, Soumya Kopakka, Rithvika Iyer	Gastrointestinal Tract Anomaly Detection from Endoscopic Videos Using Object Detection Approach
11	Kalbande Dhananjay, Sahai Vedant, D'Costa Jason, Srivastava Mayank, Mehra Mahendra	Leveraging Deep Learning and IoT for monitoring COVID19 Safety Guidelines within College Campus
12	Sudhir N. Dhage, Anuraj Kathait	Fractal Load Balancing Method in Distributed Systems
13	Anant V. Nimkar, Lloyd R. Fernandes	DADA: Deepfake Audio Detection Analysis with Speech Features and Spectral Analysis
14	Anant Nimkar, Om Rajpurkar, Siddesh Kamble, Jayram Nandagiri	Alert Generation on Detection of Suspicious Activity using Transfer Learning
15	Anant Nimkar, Suyash Chavan, Janani Balasubramanian, Jai Puro, Meghana Naik	Similarity Analysis of Legal Documents using Content and Network Based Approach
16	Anant Nimkar, Abhishek Revadekar, Rahul Soni	QORAI: Q Learning based Delivery Optimization for Pharmacies
17	A. V. Nimkar, D. P. Shah, N. M. Jagtap, S. S. Shah	Spaced Repetition for Slow Learners
18	Surekha Dholay, Parth Jardosh, Anjali Kanvinde, Anish Dixit	Detection of Flood Prone Areas by Flood Mapping of SAR Imagery

19	Surekha Dholay, Aumkar Gadekar, Aditi Kandoi, Garima Kaushik	QR Scan based Intelligent System for School Bus Tracking
20	Pranav Chitale, Tanvi Dhope, Amodh Akhelikar, Surekha Dholay	Smart Accident Recognition and Alerting System for Edge Devices
21	Surekha Dholay, Apoorva Chaudhari; Manasi Beldar; Riya Dichwalkar	Crop Recommendation and its Optimal Pricing using ShopBot
22	Surekha Dholay, Atulkumar Gupta	AI-Based Enabled Performances Measurements for MOOCs
23	Surekha Dholay, Hemal Mamtora; Kevin Doshi; Shreya Gokhale	Video Manipulation Detection and Localization Using Deep Learning
24	Kiran Gawande, Riya Dihawalkar, Sakshi Milkhe, Tanishq Sharma	Movie Buzz- Movie Success Prediction System using Machine Learning Model
25	Jyoti Ramteke, Mohit Bhat, Piyush Pandita, Harshit Chheta	Determining user behaviour using system call to prevent internal intrusion
26	Nataasha Raul, Ishwarlal Hingorani, Rushabh Khara, Deepika Pomendkar	Police Complaint Management System using Blockchain Technology
27	Nataasha Raul, Meghana N., Nehal Surti, Muskan Sahu, Saumitra Chaskar,	Maximo: A Goal-Based Portfolio Management And Financial Product Diversification Application
28	Nataasha Raul; Meghana Naik, Parth Rajesh Dedhia; Hardik Pradeep Pachgade; Aditya Pradip Malani	Study on Abstractive Text Summarization Techniques
29	Reeta Koshy, Yash Deshpande, Shreya Patel, Meghan Lendhe, Manpreet Chavan	Emotion and Depression Detection from Speech
30	Reeta Koshy, Dhaval Umarale, Shyam Sodhani, Amodh Akhelikar	Attention Detection of Participants during Digital Learning Sessions using Edge Computing
31	Sunil Ghane, Vinal Bagaria, Manasi Beldar, Mohit Badve	An Intelligent System for Evaluation of Descriptive Answers
32	Sunil Ghane, Tania Rajabally, Deepika Pomendkar, Sakshi Milkhe	Technology 100 - An Application for Women safety
33	Pramod Bide, Om Rajpurkar, Jayram N, Siddesh S	A Survey on Engagement and Emotion Analysis in Theatre using Thermal Imaging
34	Pramod Bide, Shreya Oak, Aumkar gadekar, Abhishek Revadkar	Gauging attention of students in an e-learning environment
35	Pramod Bide, Abhishek Gawali, Vaibhavi Kate, Chaitali Kothastane, Ebrahim Hirani,	Deep Learning Approach to detect Pneumonia
36	Sudhir Dhage. Pramod Bide	Comprehensive survey of event detection system on social media streams
37	Anant V Nimkar, Shivani Butala, Advait Lad, Mohit Bhat, Harshit Chheda	Natural Language Parser for Physician's Handwritten Prescription

38	Anant V. Nimkar, Lekha Sharma, Chinmay Rane, Jai Puro	ERPL: A Language for Structuring Business Processes in ERP Systems
39	Anant V Nimkar, Ira Kawthalkar, Siddhesh Jadhav, Damnik Jain	Predictive Crime Mapping for Smart City
40	Anant V Nimkar, Ira Kawthalkar, Siddhesh Jadhav, Damnik Jain	A Survey of Predictive Crime Mapping Techniques for Smart Cities
41	Anant V Nimkar, Preet Nepolean Dabre and Rohit M Gonsalves and Raj Chandvaniya	A Framework for System Interfacing of Voice User Interface for Personal Computers
42	Anand Godbole, Ruchit Furia, Kaustubh Gaikwad, Kunal Mandalya	Tool For Review Analysis Of Product
43	Surekha R Dholay, Chandrashekhar R Gajbhiye, Sarthak S Kawade, Vaibhavi D Kate, Chaitali S Kotasthane	Survey of Vacancy Detection Techniques in Parking Lots
44	Surekha Dholay, Tejal Chavan, Vruchika Patil, Priyanka Rokade	Superintendence Video Summarization
45	Jyoti Ramteke, Akhilesh Kashikar	Dual Sentiment Classification with Sarcasm Identification
46	Nataasha Raul, Meghana Naik, Parth Rajesh Dedhia, Hardik Pradeep Pachgade, Aditya Pradip Malani	Study on Abstractive Text Summarization Techniques
47	Pramod Bide; Abhishek Padalkar	Survey on Diabetes Mellitus and incorporation of Big data, Machine Learning and IoT to mitigate it
48	Pramod Bide, Parth Jardosh , Shloka Shah	SEGRO: Key Towards Modern Waste Management
49	Pramod Bide, Bhvya Ahire, Harsh Jain	Minimization of Food Waste in Retail Sector using Time-Series Analysis and Object Detection Algorithm
50	Pramod Bide, Harshit Barot, Arya Kothari	Analysis and Prediction for the Indian Premier League
51	Pramod Bide, Romit Jain, Somil Jain	Alert System for Drivers
52	Sudhir Dhage, Pramod Bide	Comprehensive survey of event detection system on social media streams

2020 IT

1	Dr. Radha Shankarmani	“Emergency Situation Responder: An efficient accident response app”
2	Prof. Kailas Devadkar	A Survey: Mobile Cloud Computing in Education
3	Prof. Kailas Devadkar	Peer Based smart study Assistant
4	Prof. Kailas Devadkar	Virtual assistant for the visually impaired
5	Dr. Prasenjit Bhavathankar	Railway Emergency Detection and Response System using IoT
6	Dr. Prasenjit Bhavathankar	A Unique Approach towards Image Publication and Provenance using Blockchain

7	Dr. Prasenjit Bhavathankar	An Approach to Reduce Uncertainty Problem in Network Intrusion Detection Systems
8	Prof. Renuka Pawar	Use of Blockchain Technology in Wireless Body Area Networks
9	Prof. Jignesh Sisodia	Machine Learning Approach For Analysis Of The Company Performance Based On Fundamental Data
10	Prof. Varsha Hole	User engagement recognition using transfer learning and multi task classification
11	Prof. Varsha Hole	An analysis of Convolutional neural networks and it's applications
12	Prof. Varsha Hole	Abstractive summarization of Amazon Reviews
13	Prof. Aparna Halbe	A quantitative approach to create a Hybrid stock filtering platform
14	Prof. Nikahat Mulla	Autonomous Flying using Deep Reinforcement Learning
15	Dr. Radha Shankarmani	A Self Learning Chat-Bot From User Interactions and Preferences,
16	Prof. Kailas Devadkar	A Survey: Mobile Cloud Computing in Education
17	Prof. Kailas Devadkar	Virtual Assistant for the Visually Impaired
18	Dr. Prasenjit Bhavathankar	Blockchain Based Direct Benefit Transfer System For Subsidy Delivery
19	Prof. Renuka Pawar	Categorizing Driving Patterns Based On Telematics Data Using Supervised And Unsuperivsed Learning
20	Prof. Jignesh Sisodia	A Cost-Efficient and Time Saving Exercise Posture Monitoring System
21	Prof. Varsha Hole	Creation Of Face For Aiding In Forensic Investigation Based On
22	Prof. Varsha Hole	Abstractive Text summarization On Google Search Results
23	Prof. Aparna Halbe	Decentralized system gor fundraising using ethereum
24	Prof. Nikahat Mulla	Customer Reaction Analysis using Convolutional Neural Network and Aspect based LSTM Model

2020 ETRX

1	Najib Ghatte	Posturainer: IoT based Posture Training Device for Postural Control and Adaptive Gait
2	Priya Chimurkar	Manhole detection using image processing on Google Street View imagery
3	Priya Chimurkar	Speed Breaker Detection and Mapping using IoT
4	Govind T. Haldankar	Real-time solar parameter monitoring system
5	Surendra Rathod	Development of Novel Wireless Electronic Signature Stamp
6	Rajendra G. Sutar, Deepak C. Karia	Reducing Overfitting in Diabetic Retinopathy Detection using Transfer Learning
7	Priya Chimurkar	A Low-Cost Implementation of an IoT based Food Ordering System
8	R.G Sutar	A Survey on Data-driven Methods for State of Charge Estimation of Battery
9	R.G Sutar	Ultrasonic Cleaner Powered by Efficient Utilization of Solar Power
10	Rajendra Sutar	Rim Alternator for Electric and Hybrid Electric Vehicles

11	S. S. Rathod and Payal Shah	An FPGA based hardware emulator for neuromorphic chip
12	Payal Shah, S. S. Rathod	Modelling the Spiking Behaviour of Ganglion Cells
13	Manisha Bansode	Convolutional Neural Network based Bidirectional Sign Language Translation System
14	Manisha Bansode	Suppression of SSN in High-Speed Circuits using 1-D Ebg Structure
15	Priya Chimurkar, Narendra Bhagat	SMART-Smart Autonomous Robotic Trolley
16	Manisha Bansode, Deepak Karia	Remote Structural health Monitoring

2020 MCA

1	Dr. Aarti Karande, Dr. D. R. Kalbande	Emotion Identification using CNN based Transfer Learning
2	Dr. Aarti Karande Vinit Mapri Anurag Narkhede	IOT Smart Locker
3	Nikhita Managonkar, Vivek Venkatesh, Maulika Arekar	Offline voice Commerce shopper Tracker using NLP and Analytics
4	Nikhita Managonkar, Nidhi Patel	Abstractive vs Extractive Text Summarization (Output based Approach)-A Comparative study

2019

2019 COMP

1	Dr. Dhananjay Kalbande, Prof. Nida Bakereywal, Surabhi Ghankutkar, Neelabh Sarkar, Pooja Gajbhiye, Sanyukta Yadav	Modelling Machine Learning For Analysing Crime
2	Dhananjay Kalbande, Ira Durve, Sairandree Patil, Supriya Ghuge	Machine Learning approach for Physiotherapy Assessment
3	Dhananjay Kalbande, Rebecca Dsouza, Shubham Sahu, Ragini Patil	Chat with Bots Intelligently: A Critical Review & Analysis
4	D. R. Kalbande, Renuka Pawar	Elliptical Curve Cryptography Based Access Control Solution For IOT Based WSN
5	D.R. Kalbande, Jignesh Sisodia	Machine Learning: An aid in detection of Neurodegenerative disease Parkinson
6	Sudhir Dhage, Vaibhav Bagri, Lekha Sharma, Bhaktij Pati	Survey of Automated Waste Segregation Methods
7	Sudhir Dhage, Anirudh Kamath, Rahul Guhekar, Mihir Makwana	Sarcasm Detection Approaches Survey
8	Sudhir Dhage, Jinay Parekh, Poojan Turakhia, Hussain Bhinderwala	A Survey of Image Enhancement and Object Detection Methods
9	Anant V Nimkar, Tejas Chheda, Hussain Bhinderwala, Priyansh Acharya	Diet and Health Advisory Mechanism from Facial features using Machine Learning
10	Anant Nimkar, Aditya Bhave, Shlok Gujar, Mandar Bhalerao	Visual Question Answering Using Video Clips
11	Prof. Surekha Dholay and Isha Sawalkar	Modeling CBR using Python for Football Matches
12	Kiran Gawande, Abhishek Rai, Manas Shukla, Ankur Chokhani	Technical analysis of Stocks listed on NSE using Machine Learning

13	Nataasha Raul, Radha Shankarmani, Padmaja Joshi	A Comprehensive Review of Keystroke Dynamics-Based Authentication Mechanism
14	Nataasha Raul, Amrita S. Tulshan	Plant Leaf Disease Detection Using Machine Learning
15	Nataasha Raul, Samriddha Basu, Raj Gite, Pratiksha Singh	Multi-user Adaptive Launcher for Android
16	Pramod Bide, Sunil Ghane, Siddhanth Parikh, Kamyas Desai, Kundan Patel	Survey of Object Detection Algorithms and Techniques
17	Pramod Bide, Siddhesh Pai, Shivani Butala, Vaibhav Bagri	Survey of Sentiment Analysis of Political Content on Social Media
18	Pramod Bide, Bhaktij Patil, Hemal Mamtora, Kunal Mandalya, Niket Parekh	Smart Notifications based on Total Relevancy Score
19	Pramod Bide, Suyash Chavan, Jai Puro, Sarthak Kawade	A Survey of Sentiment Analysis on Social Media
20	Pramod Bide, Shivani Butala, Advait Lad	A Comparative Analysis of Over-The-Top Platforms : Amazon Prime Video and Netflix
21	Pramod Bide, Shreya Gokhale, Hemal Mamtora, Kevin Doshi	Analytics and Visualization of Trends in news Articles
22	Prachi Gharpure, Royston D'Mello, Sai Yerramreddy, Samriddha Basu, Tejas Bhitle, Yash Kokate	Automated Facial Recognition Attendance System Leveraging IoT Cameras
23	Dhananjay Kalbande, Zubaida Khan, Sana Haji, Rukhsar Haji	6G-Next Gen Mobile Wireless Communication Approach
24	D.R.Kalbande, Anjali Yeole, Avinash Sharma	Security of 6LoWPAN IoT Networks in Hospitals for Medical Data Exchange
25	Dhananjay Kalbande, Sai Yerramreddy, Samriddha Basu, Ananya Dharmendra Ojha	Machine Learning approach for diagnosis of Autism spectrum disorder
26	Dhananjay Kalbande, Madhura Gore, Ananya Dharmendra Ojha, Ananya Navelkar	Methodologies for Epilepsy Detection: Survey and Review
27	Dhananjay Kalbande, Rithvika Iyer, Tejas Chheda and Avinash Sharma	Transfer Learning Model for detecting early stage of PrurigoNodularis
28	Dhananjay Kalbande and Deepak Kapgate	Optimization of External Stimulus Features for Hybrid Visual Brain Computer Interface
29	Sudhir Dhage and Prachi Rane	Systematic Erudition of Bitcoin Price Prediction using Machine Learning Techniques
30	Sudhir Dhage, Srushti Patil	A Methodical Overview on Phishing Detection Along With An Organized Way to Construct An Anti-phishing Framework
31	Sudhir Dhage, Sanket Agrawal, Rucha Rangnekar, Aditya Das, Shantanu Gawde	Gauging Customer Interest Using Skeletal Tracking and Convolutional Neural Network
32	S. Dhage, R. D'mello, V. Pardeshi, H. Mehta	Comparative Study of Breast Cancer Detection Techniques
33	S. Dhage, A. Gaikwad, M. Gopani, R. Mehta	A Detailed Study and Analysis on Different Machine Learning Solutions Available in the Field of Face Tracking
34	Kiran Gawande, Vaishnavi Sidhamshettiwar, Yash Gaba, Rutika Jadhav	Customer Attrition Estimation Modelling Based on Predominant Attributes feed forward Network
35	Jyoti Ramteke, Punit Ahuja, Rakshit Gupta, Yogesh Mahajan	Portfolio Management using Artificial Intelligence

36	Nataasha Raul, Radha Shankarmani, Padmaja Joshi	A Comprehensive review of keystroke Dynamics based Authentication Mechanism
37	Nataasha Raul, Amrita Tulshan	Krishna: An Interactive Mobile Application for Autism Children
38	Nataasha Raul, Royston Dmello, Mandar Bhalerao	Keystroke Dynamics Authentication Using Small Datasets
39	Prof. Reeta Koshy, Abhishek Padalkar, Neha Nikam, Vinit Jain	Easy Verdict: Digital Assistant to Resolve Criminal Litigation
40	Prof. Pramod Bide, Ananya Navelkar, Shrinivasrao Sai Yerremreddy, Ananya Ojha, Jainam Soni	A Two stage approach for Detection of Invasive and Cervical Intra-epithelial Neoplasia using Machine Learning and Image Processing Methodologies
41	Abhijeet Salunke, Soni Bhambar	Comparative Study of Trust and Reputation Security Models in IoT Networks
42	Abhijeet Salunke, Soni Bhambar	Comparative Study of Trust and Reputation Security Models in IoT Networks

2019 IT

1	Prof. Kailas Devadkar	Blockchain: A new way to revolutionize CRM systems
2	Prof. Kailas Devadkar	A Next Generation Refrigerator on Compartmentalization Concept with Consumption Based Ordering
3	Prof. Kailas Devadkar	Rash Driving Analysis for Safety Enforcement
4	Prof. Kailas Devadkar	Food Suggestion Engine Based on Mood – Fomos
5	Dr. Prasenjit Bhavathankar	Cellular Device Detection in Restricted Premises
6	Prof. Rupali Sawant	Analysis of Patients' Reviews and Enhancing Services in Hospitals
7	Prof. Rupali Sawant	Expert System To Diagnose and Suggest Advices for Dysgraphia
8	Prof. Rupali Sawant	Analyses of Factors Influencing Contraceptive Methods and Predicting the Use of Method of Contraception
9	Prof. Rupali Sawant	Automation of Cheque Transaction using Deep Learning and Optical Character Recognition
10	Prof. Sheetal Chaudhari	Dynamic Load Balancing in Software Defined Networks using Machine Learning
11	Prof. Sheetal Chaudhari	A Review On Recent Approaches to Recommendation System Model Using Distinct Product Features
12	Prof. Sheetal Chaudhari	Uncovering significance of feature-selection in recommender system models
13	Prof. Renuka Pawar	Digital Forensics: Maintaining Chain of Custody Using Blockchain
14	Prof. Renuka Pawar	Elliptical curve cryptography based Access control solution for IoT based WSN
15	Prof. Renuka Pawar	Data Security Approach In Iot Environment
16	Prof. Jignesh Sisodia	Machine Learning: An aid in detection of Neurodegenerative disease Parkinson
17	Prof. Jignesh Sisodia	Early Detection of Hemiplegia by Analyzing the Gait Characteristics and Walking Patterns Using Convolutional Neural Networks

18	Prof. Nikahat Mulla	Artificial Intelligence Based System for Preliminary Rounds of Recruitment Process
19	Prof. Nikahat Mulla	Attention based Encoding and Decoding for Convolutional Neural Networks
20	Dr. Radha Shankarmani	Filtering and Analysis of Big Data to Improve Performance
21	Dr. Radha Shankarmani	A comprehensive review of keystroke dynamics based authentication mechanism
22	Prof. Kailas Devadkar	Predicting Surface Air temperature using Convolutional Long Short term memory networks
23	Prof. Kailas Devadkar	Comparison of execution time of mobile application using equal division and profile based algorithm in mobile cloud computing
24	Prof. Kailas Devadkar	Peer Assisted Parallel Downloading System
25	Prof. Kailas Devadkar	Storage and Availability Aware Fragment Placement for P2P storage systems
26	Prof. Kailas Devadkar	Predicting Depression from Social media posts using Machine Learning Approach
27	Dr. Prasenjit Bhavathankar	Indoor Object Tracking using Wi-Fi Access Points
28	Dr. Prasenjit Bhavathankar	A Smart Toll Collection System based on Vehicle Classification
29	Prof. Sheetal Chaudhari	A Review On Recent Approaches to Recommendation System Model Using Distinct Product Features
30	Prof. Renuka Pawar	Securing patients information in IOT environment
31	Prof. Jignesh Sisodia	A Self-Driving Car Implementation using Computer Vision for Detection and Navigation
32	Prof. Swapnali Kurhade	An automated real time news video generator
33	Prof. Varsha Hole	Real Time Scene Descriptor-Android Application
34	Prof. Varsha Hole	Real-Time Environment Description Application for Visually Challenged People
35	Prof. Varsha Hole	Impact of Twitter Data and News Articles on Stock Market
36	Prof. Aparna Halbe	A Novel Approach for Data Visualization by supporting ad-hoc query and Predictive analysis
37	Prof. Nikahat Mulla	A review on Development and Classification of Question-Answering Systems
38	Prof. Nikahat Mulla	A Hybrid Solution to Abstractive Multi-Document Summarization using Supervised and Unsupervised Learning

2019 ETRX

1	Payal Shah	AgriBot-An Intelligent Interactive Interface to Assist Farmers in Agriculture Activities
2	Rajendra G. Sutar	Signal Processing Techniques for Classification of Fetal Electrocardiogram: A Survey

3	Rajendra Sutar	Optimization of Data Set For Classification Of Diabetic Retinopathy Using Support Vector Machine With Minimal Processing
4	Deepak C. Karia	Sensor Fault Detection and Parameters Measurement
5	Deepak C. Karia	Metamaterial Based Dual Band MIMO Antenna for WiMAX and X-band Applications
6	Prashant Kasambe	μ TCD Gas Sensor: Design Optimization, Simulation and Analysis
7	Prashant Kasambe	Mathematical Modelling and Numerical Simulation of Novel Cantilever Beam Designs for Ohmic RF MEMS Switch Application
8	Manisha Bansode, Payal Shah	Proportionate Study of Neuron Models for Implementation of Neural Encoder
9	Payal Shah, Kiran Talele	Driver Assistant System using Haar Cascade and Convolution Neural Networks (CNN)
10	Govind Haldankar	Augmented Reality based Education App
11	Narendra Bhagat	Frequency Shift Key Receiver using Current Conveyors
12	Narendra Bhagat	Voltage-Mode and Current-Mode FSK Demodulator using IC AD844 at Circuit Level
13	Prof. K. T. V. Talele	Genetic Algorithm for Optimal Feature Vector Selection in Facial Recognition
14	Manisha Bansode	Analysis of Feature Extraction and Classification Models for Lip-Reading
15	Manisha Bansode,Surendra Rathod	Reduction of Signal Integrity Issues in Printed Circuit Board using Electromagnetics Bandgap Structure

2019 MCA

1	Harshil Kanakia, Rohit Sawardekar, Ryan Britto	Analysis of Social Networks using Naive Bayes
2	Sakina Salmani, Digvijay Yadav	Deepfake: A Survey on Facial Forgery Technique Using Generative Adversarial Network
3	Dr. Pooja Raundale,Naveen Pahuja, Sheetal Chaudhari	A Review On Recent Approaches to Recommendation System Model Using Distinct Product Features
4	Dr.Pooja Raundale ,Zeba Malik	Detection of Motor Deficits in Children with Autism Spectrum Disorder using FTT

2018

2018 COMP

1	D.R. Kalbande, Dr.Uday Khopkar, Dr.Avinash Sharma, Neil Daftary, YashKokate and Royston Dmello	Early stage detection of Psoriasis using Artificial Intelligence and Image Processing
2	Surekha Arjapure, Kalbande D.R	Review on Analysis Techniques for Road Pothole Detection
3	Dr. Dhananjay R. Kalbande, Dr. Avinash Sharma, Aarti M. Karande	SCM Enterprise solution using Soft Computing Techniques
4	Sudhir Dhage, Alfiya Shama	An Atypical Approach for Uncovering the Essence of Emotions in Consumer Reviews

5	Dhage Sudhir, Bhade Kalyani , Gulalkari Vedanti, Harwani Nidhi	A Systematic Approach to Customer Segmentation and Buyer Targeting for Profit Maximization
6	Sudhir Dhage, Rucha Rangnekar, Khyati Suratwala, Sanjana Krishna	Career Prediction Model Using Data Mining And Linear Classification
7	Sudhir Namdeorao Dhage, Sanket Agrawal, Aditya Das, Amit Gaikwad	Customer Churn Prediction Modelling Based on Behavioural Patterns using Artificial Neural Network & Analysis
8	Sudhir N. Dhage, Nitin Malave	Sarcasm Detection on Twitter: User Behavior Approach
9	S. N. Dhage, N. N. Ghosalkar	Real Estate Value Prediction Using Linear Regression
10	S. N. Dhage, A. Mir	Diabetes Disease Prediction Using Machine Learning on Big Data of Healthcare
11	Anant Nimkar, Aasim Khan, Gautam Worah, Mehul Kothari, Yogesh Jadhav	News Popularity Prediction with Ensemble Methods of Classification
12	Anant Nimkar, Rohan Sheth, Mihir Varatha, Rohit Nahata, Sunil Ghane	TweetNews: Location and Time-based News
13	Anant V. Nimkar, Divesh R. Kubal	A Hybrid Deep Learning Architecture for Paraphrase Identification
14	Anant V. Nimkar and Divesh R. Kubal	Optimization of Schizophrenia Diagnosis Prediction using Machine Learning Techniques
15	Prof. Anand Godbole, Komal S. Patil (M.Tech Student)	A Survey on Machine Learning Techniques for Insurance Fraud Prediction
16	Surekha Arjapure and Kalbande D.R.	Review on Analysis Techniques for road Pothole Detection
17	Surekha Dholay, Ajay Zajam	Detecting Efficient Parking Space Using Smart Parking
18	Kiran Gawande, Aditya Chichani, Juzer Golwala, Tejas Gundecha	Advancing Recommender Systems by mitigating Schilling Attacks
19	Prof. Reeta Koshy, Jaideep Rao, Neil Daftary, Aditya Desai	Algorithm for using NLP with extremely small text data sets
20	Sunil Ghane, Rohan Sheth, Mihir Varatha, Rohit Nahata	TweetNews: Location and Time-based News
21	Sunil Ghane, Huzaifa Kothari, John Britto, Kamy Desai	Sentiment Analysis to Quantify Healthcare Data
22	Anant V Nimkar, Aasim Khan, Gautam Worah, Mehul Kothari, Yogesh H Jadhav	News Popularity Prediction with Ensemble Methods of Classification
23	Dhananjay R. Kalbande, Asha A. Bharambe	Dengue Outbreak Prediction using Data Mining Techniques
24	D.R.Kalbande, Twinkle Rambhia, Madhuri Dhodi, Vaibhavi Patel	Design of Intelligent system for Autism
25	D.R.Kalbande, Ms.Anushka Kanawade, Ms.Smruti Varvadkar,	Gesture and Voice Recognition in story Telling Application
26	Dr.Dhananjay Kalbande, Aditya Das, Shantanu Gawade, Khyati Suratwala	Sign Language Recognition Using Deep Learning on Custom Processed Static Gesture Images
27	Dr.Dhananjay Kalbande, Sanket Agrawal, Rucha Rangnekar, Divye Gala, Sheryl Paul	Detection of Breast Cancer from Mammograms using a Hybrid Approach of Deep Learning and Linear Classification

28	D. R. Kalbande, Anjali S. Yeole	Change Management Approach for Integrating IoT Technology in Healthcare system
29	D.R.Kalbande, Ayush Shah, Akash Dubey, Vishesh Hemnani, Divye Gala	Smart Farming System : Crop Yield Prediction Using Regression Techniques
30	D.R.Kalbande, Anjai Yeole	MAC based Group Management Protocol for IoT[MACGMP-IoT]
31	D.R.Kalbande, Ms.Anushka Kanawade, Ms. Smruti Varvadekar	Comparative analysis of methods for monitoring activities of daily living for the elderly people
32	Sudhir N. Dhage and Alfiya Shama	A Meticulous Critique on Prevailing Techniques of Aspect-Level Sentiment Analysis
33	Sudhir N. Dhage, Alfiya Shama	Application of Associative Network theory to Mine Relevant Aspect Terms from Customer Reviews
34	A.V. Nimkar and A. V. Salunke	Fire contour approximation algorithm for bord-and-pillar coal mine: Revisited
35	Jyoti Ramteke, John Britto, Deepkumar Mehta, Viprav Chaudhari, Akshay Kale	A Sixth Sense door using Internet of Things
36	Anant V. Nimkar, Abhijeet V. Salunke	Fire contour approximation algorithm for bord-and-pillar coal mine: Revisited
37	John Britto, Sagar Prabhu, Abhishek Gawali, Yogesh Jadhav	A Machine Learning Based Approach for Recommending Courses at Graduate Level

2018 IT

1	Dr. Radha Shankarmani	A Survey on Blockchain Technology and its Impact on Business
2	Dr. Radha Shankarmani	A Voice Controlled Smart Home Solution With a Centralized Management Framework Implemented Using AI and NLP
3	Dr. Radha Shankarmani	Darwin: Convolutional Neural Network based Intelligent Health Assistant
4	Prof. Kailas Devadkar	Processing Retinal Images to Discover Diseases
5	Prof. Kailas Devadkar	Prediction of heart disease using machine learning
6	Prof. Rupali Sawant	Restaurant's Feedback Analysis System using Sentimental Analysis and Data Mining Techniques
7	Prof. Rupali Sawant	Prediction of vitamin D and calcium using data mining techniques
8	Prof. Rupali Sawant	A Machine learning based Medical Data analytics and visualization Research Platform
9	Prof. Sheetal Chaudhari	A Generic user friendly chat bot model
10	Prof. Renuka Pawar	Secure Complaint bot using Onion Routing Algorithm : Concealing identities to increase effectiveness of complain bot
11	Prof. Renuka Pawar	Interactive Augmented Reality-based System for Traditional Educational Media using Marker-derived Contextual Overlays
12	Prof. Renuka Pawar	DHCP Protocol using OTP Based Two-Factor Authentication

13	Prof. Jignesh Sisodia	G-PY: A Game Playing AI To Simulate Real Time Close-Quarter Firefights Using 3D First-Person-Shooter Games
14	Prof. Swapnali Kurhade	A Study of Factors Leading to Stress in Indian College Students
15	Prof. Swapnali Kurhade	A Hybrid Model for Book Recommendation
16	Prof. Varsha Hole	Globe trotter: An Optimization Travel Sequence Generator
17	Prof. Varsha Hole	Vitamins and Minerals Diagnosis System Using Neural Network
18	Prof. Aparna Halbe	Geographical Area Mapping and Classification Utilizing Multispectral Satellite Imagery Processing Based On Machine Learning Algorithms
19	Prof. Aparna Halbe	Simplified Recruitment Model Using Text-Mining on Psychometric And Aptitude Tests

2018 ETRX

1	Deepak Karia	Fire Detection and Gas Leakage Prevention System
2	P. V. Kasambe	Design and Simulation of High SNR Varying Thickness Embedded Strain Sensing Polymer Microcantilever for BioSensing Applications
3	Rajendra Sutar	Fast and Accurate Algorithm for Line Following Robot
4	Deepak C. Karia	Comparative Study of Roger and FR-4 Based Circularly Polarized Microstrip Patch Antenna with Injecting a Single Set of Shorting Pins
5	Deepak Karia	AI Use Cases in Operational Support System and Business Support System
6	Deepak Karia	Prediction of Sudden Cardiac Death using Classification and Regression Tree Model with Coalesced based ECG and Clinical Data
7	Manisha Bansode	Ensuring Fast and Safe train Operation with advancement using PLC interlocking
8	Rajendra Sutar	Cost Effective Food Quality Monitoring using PLC : An Optimized Approach
9	Surendra Rathod	Mutual Coupling Reduction in Patch Antenna Using Electromagnetic Band Gap (EBG) Structure for IoT Application
10	Surendra Rathod	Implementation of MRI Gradient Generation System and Controller on Field Programmable Gate Array(FPGA)
11	Ghatte N	Intelligent Chatting Service Using AIML
12	Priya Chimurkar	HYDROBOT: An Underwater Surveillance Swimming Robot
13	Narendra Bhagat	Current Mode Full Wave Rectifier Topology for Integration
14	Narendra Bhagat	Design of low voltage supply Current Feedback Operational Amplifier
15	Kiran Talele	C-Indicator: A Mobile App for Crowd Control and Management in Suburban Railways using IP
16	Payal Shah	Efficient and Feasible Gesture Controlled Robotic Arm

17	Deepak Karia	Hard Decoding Based Design of Regular LDPC using LabVIEW
18	Rajendra G Sutar	A portable and low-cost 12-lead ECG device for sustainable remote healthcare

2018 MCA

1	Harshil Kanakia, Divya Rawat, Alisha Nalawade	Blockchain Technology: Most Secure Database
2	Dr. Aarti M. Karande, Dr. D. R. Kalbande	SCM Enterprise solution using Soft Computing Techniques

2017

2017 COMP

1	Anand Godbole, Dr. Prachi Gharpure, Santosh Morais	Affinity Analysis for context free grammars
2	D.R.Kalbande, John Britto	Analysis of Technological Advances in Autism
3	Sudhir N. Dhage Deepti Pawar	Recognition of unvoiced human utterances using brain-computer interface
4	Anant V. Nimkar and Siddhesh Mhatre	Secure Cloud-based Federation for EHR using Multi-Authority ABE
5	Anant Nimkar, Amit Mali	Security Schemes for Constrained Application Protocol in IoT: A Precise Survey
6	Anant Nimkar, Chaitanya Bapat, Ganesh Baleri, Shivani	Smart-Lock Security Re-engineered using Cryptography and Steganography
7	Anand Godbole, Dr. Prachi Gharpure, Santosh Morais	Affinity Analysis for context free grammars
8	Surekha Dholay, Surya Pandey	An Image Processing Approach for Analysing Assessment of Pavement Distress
9	Kiran Gawande, Khushbu Jalan	Context-aware hotel recommendation system based on hybrid approach to mitigate cold-start-problem
10	Kiran G. Gawande, Humaira G. Momin, Chandrabhaga S. Kondhawale, Rubina E. Shaikh	Feature based evaluation of hotel reviews and ratings for differently abled people
11	Jyoti Ramteke, Prajyot Mane, Shubham Sonone, Nachiket Gaikwad	Smart personal assistant using machine learning
12	Nataasha Raul, Mayank Sachan, Padmaja Joshi	Keystrokes Dynamic Support for Authentication
13	Reeta Koshy, Aditya Kuchekar, Huzaifa Kothari, Umair Khan	Common Data Model for Health Care Data

2017 IT

1	Dr. Radha Shankarmani	Computation of spread of tweets on twitter
2	Dr. Radha Shankarmani	Assessing employability of students using data mining techniques
3	Dr. Radha Shankarmani	Customer Care Bot
4	Prof. Kailas Devadkar	Smart Parking System Using IoT & Cloud
5	Prof. Kailas Devadkar	Performance Analysis And Threshold PredictionAlgorithm for Efficient use of Cloud Computing

6	Prof. Kailas Devadkar	Event based Query Offloading in Mobile Cloud Computing
7	Prof. Kailas Devadkar	WLAN Attendance Management System
8	Prof. Kailas Devadkar	Disk Scheduling Sinewave Algorithm For Minimizing The Average Jump Rate Of A Hard Drive Over Its Lifetime
9	Prof. Kailas Devadkar	Effect of High Performance Computing and Pooled Mining on Bitcoin
10	Prof. Renuka Pawar	Secure gateway defender- a network intrusion detection system
11	Prof. Renuka Pawar	A steganographic approach to mitigate password attacks
12	Prof. Jignesh Sisodia	Blockchain based remittances and mining using CUDA
13	Prof. Kailas Devadkar	Smart Parking System Using IoT & Cloud
14	Prof. Kailas Devadkar	Cloud-based secure smartcard healthcare monitoring and tracking system

2017 ETRX

1	P. V. Kasambe, S. S. Rathod	Implementation of PLC based Automated PCB Fabrication System
2	Prashant V. Kasambe, Surendra S. Rathod	Development of LabVIEW Platform for EEG Signal Analysis
3	G. T. Haldankar	Design of a Battery-less Solar Energy Storage system based on Re-generation of Energy
4	G.T.Haldankar, P.V.Kasambe	FIS based Autonomous Navigation System
5	Narendra Bhagat	A Novel Fault Monitoring Mechanism for Overhead Transmission Line
6	Deepak Karia	High gain ultra wide band MIMO antenna
7	Deepak Karia	LabVIEW based EMG and blood pressure measurement bio telemetry system
8	Dr. Deepak Karia	Design and Development of Farm Automation System using NI myRIO
9	Dr. Deepak Karia	Agriculture Monitoring System
10	Dr. Deepak Karia	LabVIEW Based Real Time Bio-Telemetry System for Healthcare
11	Rajendra G. Sutar	A Schematic Review on Body Area Networks for E-Health Systems
12	Dr. Deepak Karia	Certificate Pinning for Android Applications
13	P. V. Kasambe, S. S. Rathod	Implementation of PLC based Automated PCB Fabrication System
14	S. S. Rathod	Synapse circuits Implementation and Analysis in 180nm MOSFET and CNTFET technology
15	Manisha Bansode, Surendra Rathod	An Automated Antenna Pattern Measurement System
16	Deepak Karia	Tunable microstrip antenna using reactive impedance surface
17	Payal Shah, Rajendra Sutar	Feature extraction and selection methods for motor imagery EEG signals: A review

2017 MCA

1	Aarti M. Karande, Dr. D.R. Kalbande	Solving enterprise solution complexity in SCM domain through business process agility
2	Dr.Pooja Raundale,Mayura Gujrathi	Role of SMAC Technologies in Diabetes Management using ITS

3	Rupesh G. Bhoir, Sarvesh Bedekar, Ajinkya Dandekar	Rush Balancing in Public Transport using FLIR Camera and Internet of Things
4	Sakina Salmani, Chaitanya Suvarna, Abhishek Sali	Efficient Heart Disease Prediction system using Optimization Technique
5	Nikhita Mangaonkar, Sudarshan Sirsat	Customer Product Experience Analysis using Text Mining : A Neuro Linguistic Programming Approach
6	Dr.Pooja Raundale,Sachin Gadgi,Chinmay Acharya	IoT based biomedical waste classification quantification and management