

# CONTENTS

PAPER TITLE AND AUTHOR(S) NAME	Page. No.
Modern Agriculture Farmer Assistant <i>Shubham Mahajan, Kaushal Maru, Akshar Patel, Brijesh Asodariya, Utpal Patel</i>	1- 8
IoT Helping System for Paralysis Patient <i>Bharat Tank, S.S.P.M. Sharma, Sanjay Hadiya</i>	9-11
A Survey on Stress Detection using Machine Learning with Human Computer Interaction <i>Décio Anselmo Bobo, Ankita Gandhi, Jay Gandhi</i>	12-18
IOT based Smart Trolley for LPG Gas Monitoring and Leakage System <i>Meet Patel, Manshi Shah</i>	19-21
A Comprehensive Survey on Phishing Attack Detection <i>Amita Contractor, Rutvik Mehta, Sumitra Menaria</i>	22-32
A Survey of Device to Device Communication in 5G <i>Shefali Rana, Jay Gandhi , Abhijitsinh Parmar</i>	33-41
Making A Travel Chatbot of A Single Place <i>Banshri Modhiya, Poonam Faldu, Gauri Yadav</i>	42-45
Artificial Intelligence for Web Development <i>Warisahmed Nashrullah Bunglawala</i>	46-51
A Survey on Crop Yield Prediction using Machine Learning <i>Jigisha Patel, Brijesh Vala, Makhduma Saiyad</i>	52-62
Smart Lights <i>Sakshi Rane</i>	63-67
A Survey: Performance and Impact of Mobility in MANET <i>Ankit Jasoliya, Nikunj Bhavsar, Apurva Keskar</i>	68-72
A Survey of Machine learning Techniques in Air Pollutants and Hotspot Area Detection <i>Urvashi Parmar, Yoothika Patel, Mosam Patel</i>	73-78
Survey and Study on Utilizing Mobile Application for Field Service and Complaint Management for Small Scale Businesses <i>Aniruddh Patel, Rishi Shah, ParthVyas, Utsav Patel, Kiran Parmar</i>	79-83
IOT Based Dual Axis Solar Tracker with Power Monitoring System <i>Amul Ghodasara, Manish Jangid, Hrishikesh Ghadhesaria, Harshil Dungrani, Brijesh Vala, Ravi Parikh</i>	84-90
Food Recipe Recommendation System <i>Parth P. Sharma, Ankit Gupta, Hardik Parmar Devang Patidar, Krupali Rana, Devangani Dave</i>	91-97

A Review on Highly Secure Online Voting System using cryptography <i>Barot kajal, BrijeshVala, Warish Patel</i>	98-106
Survey of Techniques for Security of E-Voting System using Blockchain <i>Anjali J. Rajput, Pratik K. Patel, Jaimeel Shah</i>	107-115
Smart Automatic Song Play List Generation using Facial Expression <i>Harsh Teckchandani, Krishna Patel, Michael Enbibel</i>	116-121
Android Controlled Smart Notice Board with Virtual Assistant <i>Brijesh Vala, Parth Patidar, Rishabh Gupta, Meet Javiya, Atufa Faruqui</i>	122-126
Splitting the Expenditure by Intermediator Drive Conveying <i>Praveen Kumar, Gokul Modi, Surendra Singh, Rohan Choksey, Bipin Chaudhary</i>	127-135
Analysis on Various Plant Disease Identification Deep Learning Techniques - A Survey <i>Amit Singh, Mayank Shukla, Abhishek Yadav, Nirali Bhaliya</i>	136-143
Book Genre Classification using ML Algorithms <i>Vraj Patel, Meet Soni, Janvi Patel</i>	144-150
Instinctive Face Identification Structure for Attendance <i>Aman Pant, Yuvraj Goyal, Krish Panchani, Tushar Parmar, Prashant Sahatiya</i>	151-157
Energy Efficient Cloud Integrated Sensor Network <i>Shivangi Patel, Naitik Kyada, Rushit Harkhani, Nirav Bavadiya, Urvashi Rakholiya, Devangini P. Dave</i>	158-166
IoT based Smart Bottle in Healthcare <i>Desle Nikesh, Patel Bhumik, Patel Dhruval, Patel Dhruvil, Prashant Sahatiya</i>	167-174
Suraksha Setu: Private Distance Manager <i>Anirudhdhsinh Jadeja, Sandeep Jangir, Vishwas Kumar</i>	175-185
Automatic Streetlight Controller using IOT and Computer Vision <i>Nilesh V Parmar, Simran Patel, Naveen Gounder, Raviraj Jaiswal</i>	186-200
A Survey on Scientific Career Counselling Software <i>Kajal Rajput, Maitri Desai, Samiksha Dubey, Priti Panchal, Jignasha Parmar</i>	201-205
Adaptive Learning Rate based Convolutional Neural Network for Food Recognition <i>Urvashi Rakholiya, Chirag Patel, Ankita Gandhi, Hetal Bhaidasna</i>	206-215
Technology-A Boon for Visually Challenged <i>Margini Raval</i>	216-220
Temperature Monitoring System for Baby Warmer <i>Asha Sinch</i>	221-223
An Algorithm for Extraction of Heart Rate Variability from ECG Signal <i>Vishakha Khambhati, Dimpal Khambhati</i>	224-228

Removal of Heavy Metals using Emulsion Liquid Membrane- A Mini Review <i>Harsh Pandey, Priyank Parmar, Bhavin Pandya, Meet Panchal, Vishal Kumar Sandhwar</i>	229-234
A Comparative Study for Separation of Binary-mixture in Batch and Microchannel based Distillation Module <i>Sudhanshu Singh, Shivendu Saxena</i>	235-240
Treatment of Reactive Red 195 Textile Dye Solution by Electrocoagulation Process <i>Priya Saxena, Parag Saxena</i>	241-249
A New Approach of using Resistivity Index as Separation of Resistivity and Porosity Logs for the Total Organic Carbon in the Eagle Ford Shale <i>Saurav Sengupta, Ankush Kumar Mali</i>	250-256
Identification of Chlorophenols in Wastewater and Selective Removal using Pseudomonas and Bacillus Bacterial Microbial Strains <i>Rohit Lade, Arun Arya, Manis Lenka, Shivam Barthwal</i>	257-263
Rennet and Alternative: A Review <i>Parth Hirpara, V. D. Kele, Dhruvin Patel</i>	264-274
Bioremediation of Textile Wastewater <i>Diksha Saxena, Vishal Kumar Sandhwar, Shivendu Saxena</i>	275-281
Energy Conservation using Heat Pump System for Drying Applications in Laundry <i>Kanchan A. Nandeshwar, Milind Chittawar, Rajesh Deshpande</i>	282-291