



Lokmanya Tilak Jankalyan Shikshan Sanstha's
Lokmanya Tilak College of Engineering
Sector-4, Vikas Nagar, Koparkhairane, Navi Mumbai



(Approved by AICTE, Affiliated to University of Mumbai, & Accredited by NAAC)

Department of Computer Engineering

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1. INNOVATIVE PROJECTS AND OUTCOMES

Sr. No.	Title of the Project	Name of Students	Outcome	Remarks
<i>Academic Year 2022-23</i>				
1.	Graphical Password Authentication Mentor: Prof. Rajendra Gawali Prof. Trupti Harhare	<ul style="list-style-type: none">• Nishant Joshi• Arin Mashta• Mohanish Tripathi• Anjali Kori• Aniruddha Mahamuni• Ansari Mohd Hanzala Mohd Imamuddin	Grand Finale Participants	Smart India Hackathon August 2022
2.	Token Swapping dApp (DevSwap) using Blockchain Technology Mentor: Prof. Kahkashan S.	<ul style="list-style-type: none">• Karle Swayam• Yadav Abhishek• Singh Sonu	Effective use of recent technology in Token Swapping	Participated in 17th Avishkar research convention 2022-23, Selection Round
3	Agent based decentralised exchange application using CRANQ Mentor: Prof. Kahkashan S.	<ul style="list-style-type: none">• Karle Swayam• Yadav Abhishek	An application which can replace current centralised based payment systems like (UPI)	Winner of second prize in Oscillation Inter College Project Competition (April 2023)
4	Personality Prediction using Twitter Tweets	<ul style="list-style-type: none">• Abhay Upadhyaya• Aashish Verma• Amit Singh	Best Paper Award At International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICRMIR-23) on March 17-18, 2023	LTCE, University of Mumbai

5	Leveraging Blockchain Technology For Hunger Relief Through Decentralized Food Donation	<ul style="list-style-type: none"> Amaan Sayyad 	Best Paper Award at International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICRMIR-23) on March 17-18, 2023	LTCE, University of Mumbai
6	Agent Based Decentralized Exchange Application Using CRANQ	<ul style="list-style-type: none"> Swayam Karle 	Best Paper Award At International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICRMIR-23) on March 17-18, 2023	LTCE, University Of Mumbai
<i>Academic Year 2021-22</i>				
7	Deficit Power Bill using Solar.AI Mentor: Dr Subhash Shinde	<ul style="list-style-type: none"> Amaan Sayyed Vishal Pandey Prathamesh Pandey 	A one stop solution to connect consumers with solar vendors and fitters	Shortlisted for 16th Avishkar research competition Shortlisted for 16th Avishkar research competition
8	Crowd Analysis and Density Management System for Safety Control Mentor: Prof. Shital Dhamal	<ul style="list-style-type: none"> Hitik Panchal Prasoon Pal Nilesh Sahani 	A real time security system to estimate crowd density and detect malicious crowd activity	
9	Asset Discovery Mentor: Prof. Sulbha S. Yadav	<ul style="list-style-type: none"> Aiman Ansari Affan Ansari Aman Singh Shreyas Mhatre 	Asset Discovery system is designed with impressive results	
10	Web/App development for OCS	<ul style="list-style-type: none"> Abhishek Yadav Swayam Karle 	Outstanding Result in Web/App development	Winner in IIIE Prakalp Project Competition
			Visually appealing and engaging project	Industry Oriented Project

12	Fake news detection using ML Mentor: Prof. Chitra Wasnik	<ul style="list-style-type: none"> ● Shradha Mishra ● Kajal Singh ● Sonam Tripathy ● Antima Yadav 	Machine learning project won first place at Online Miniproject presentation competition	won a First place at Online Miniproject presentation competition
13	Anti-Piracy Web Application Mentor: Prof. Jayendra S. Jadhav	<ul style="list-style-type: none"> ● Darshit Dhake ● Anushka Gaikwad ● Rohit Sabat ● Atif Kurawale 	Web Application designed with improved performance	won a second place at Online Miniproject presentation competition
14	Deficit Power Bill using Solar.AI Mentor: Dr Subhash Shinde	<ul style="list-style-type: none"> ● Amaan Sayyed ● Vishal Pandey ● Prathamesh Pandey 	A one stop solution to connect consumer with solar vendors and fitters	won a second place at Online Miniproject presentation competition
15	Real time emotion recognition system Mentor: Prof. Sonal A. Bankar	<ul style="list-style-type: none"> ● Tanay Mukadam ● Vaama Nikam ● Manasvi Khedikar ● Sumit Verma 	Real time emotion recognition system designed with engaging UI	won a second place at Online Miniproject presentation competition
16	Asset Discovery Mentor: Prof. Sulbha S. Yadav	<ul style="list-style-type: none"> ● Aiman Ansari ● Affan Ansari ● Aman Singh ● Shreyas Mhatre 	Asset Discovery system is designed with outstanding results	won a second place at Online Miniproject presentation competition
17	Deep Blue Season 7	<ul style="list-style-type: none"> ● Advait Chandorkar 	Certified By Institute Innovation Cell For Successful Completion Of Project	Carried Out Under Mastek Ltd.
<i>Academic Year 2020-21</i>				
18	COVID – 19 (Face Mask Recognition & Detection) Prof. Monika V. Mangla	<ul style="list-style-type: none"> ● Amaan Sayyad ● Prathamesh Pandey ● Tanay Mukadam ● Vishal Pandey 	The Face Mask Recognition System uses AI technology to detect the person with or without a mask, accuracy rate 95-97%	Copyright registered: An AI and Computer Vision based Face Mask Recognition & Detection System

				registration number: SW-14639/2021
19	Minor Research Grant For Pressure And Temperature Monitoring Using Iot	<ul style="list-style-type: none"> • Nishant Joshi • Rohit Jaiswal • Samarthesh Acharekar 	Project Grant of Rs 7000/-, Ref No: SCPL-00-000-070920 21 Dated: September 7, 2021,	Senergy Consultant Pvt Ltd Mumbai, Non Government

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