



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

1. INNOVATIVE PROJECTS AND OUTCOMES CONTENTS

| Sr. No. | Title of the Project | Name of Students | Outcome | Remarks |
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| <i>Academic Year 2022-23</i> | | | | |
| 1. | Graphical Password Authentication Mentor: Prof. Rajendra D. 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. Kakhkashan 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. Kakhkashan 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. | Best Paper Award (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. | Best Paper Award (Leveraging Blockchain Technology For Hunger Relief) | <ul style="list-style-type: none">• Amaan Sayyad | Best Paper Award At International Conference on Recent Trends in | LTCE, University Of Mumbai |

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| | Through Decentralized Food Donation) | | Multidisciplinary Research and Innovation (ICRMIR-23) on March 17-18, 2023 | |
| 6. | Scholarship at Neuro Researchers Program, Peace Research Centre Prague | <ul style="list-style-type: none"> Pranav Tiwari | Scholarship of 20000 EUR for case study of overview regarding retention for global widespread causes | Peace Research Centre Prague, Czech Republic, Central Europe |
| 7. | Best Paper Award (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> | | | | |
| 8. | Certificate of Participation | <ul style="list-style-type: none"> Amaan Sayyed | Certificate of participation for TEAM VISION-X | Smart India Hackathon March 2022 |
| 9. | Certificate of Participation | <ul style="list-style-type: none"> Amaan Sayyed | Certificate of participation for TEAM AI-SOLAR | Smart India Hackathon March 2022 |
| 10. | Certificate of Participation | <ul style="list-style-type: none"> Amaan Sayyed | Certificate of participation for TEAM X-VISION | Smart India Hackathon March 2022 |
| 11. | 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. | Shortlisted for 16th Avishkar research competition Shortlisted for 16th Avishkar research competition |
| 12. | 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. | |
| 13. | 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 | |

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| 14. | 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 |
| 15. | Web/App development for OCS | <ul style="list-style-type: none"> Abhishek Yadav Swayam Karle | Visually appealing and engaging project | Industry Oriented Project |
| 16. | 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 |
| 17. | 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 |
| 18. | 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 |
| 19. | 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 |
| 20. | 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 |
| 21. | 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> | | | | |
| 22. | 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 |

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| 23. | <p>Minor Research Grant For Pressure And Temperature Monitoring Using Iot</p> | <ul style="list-style-type: none"> • Nishant Joshi • Rohit Jaiswal • Samarthesh Acharekar | <p>Project Grant of Rs 7000/-, Ref No: SCPL-00-000-070 92021 Dated: September 7, 2021</p> | <p>Grant by Senergy Consultant Pvt Ltd Mumbai, Non Government</p> |
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