

| Sr. No. | Sudent Name                | MIS No.   | TOPIC  | Guide Name              | Inhouse /industry   | DOMAIN  |
|---------|----------------------------|-----------|--|-------------------------|---------------------|---|
| 1       | Shreyash Pawar             | 111407044 | Artificially intelligent robotic arm   | Prof. Dr. S.P. Metkar   | lotlot              | Embedded system, Artificial intelligence, IOT                     |
|         | OMKARESH PALI              | 111507038 |  |                         |                     |   |
|         | Bharat Bodkhe              | 111507010 |  |                         |                     |   |
|         | Deep Vyas                  | 111507062 |  |                         |                     |   |
| 2       | Hrishikesh Kale            | 111505016 | Distillation based knowledge transfer and OpenCL based FPGA implementation of face recognition using CNNs    | Prof. Dr. M. S. Sutaone | Inhouse             | Deep learning, image processing and embedded systems.             |
|         | Hrishikesh Mahajan         | 111507068 |  |                         |                     |   |
|         | Prathamesh Mandke          | 111507069 |  |                         |                     |   |
|         | Vedant Vikas Deshpande     | 141607005 |  |                         |                     |   |
| 3       | Kambale Rhutuja Annasaheb  | 141607011 | Solar powered DC home (An inverterless System)   | Mrs.V.M.Vaidya          | Inhouse             | Power Electronics   |
|         | RUTUJA AJAY NALAWADE       | 141607012 |  |                         |                     |   |
|         | Sapana Vishwas Gahiwal     | 141607008 |  |                         |                     |   |
|         | Mayuri Shashank Gulalkari  | 141607009 |  |                         |                     |   |
| 4       | Ruta Abhyankar             | 141607001 | Elephant Sound Recognition   | Mr.S.G.Mali             | Anubhooti Solutions | Speech Processing   |
|         | Priyanka Banasode          | 141607002 |  |                         |                     |   |
|         | Rasika Dipak Diwate        | 141607007 |  |                         |                     |   |
|         | Nupura Chandrakant Joshi   | 141607010 |  |                         |                     |   |
| 5       | Abhidiptta Dey             | 111507071 | AI Based Applications for Physically Impaired People   | Dr. Mrs. P. P. Rege     | Inhouse             | Image processing  |
|         | Omkar Prabhune             | 111508057 |  |                         |                     |   |
|         | Sunil Mangesh Dhimar       | 141607006 |  |                         |                     |   |
| 6       | LONKAR OMKAR DEEPAK        | 111507031 | ASL Recognition and Conversation to Speech.  | Mrs. Vanita Agarwal     | Inhouse             | Machine Learning, Convolutional Neural Networks, Image Processing |
|         | Gautam S Munot             | 111507036 |  |                         |                     |   |
|         | SIMRAN KHARPUDE            | 111507057 |  |                         |                     |   |
|         | Vaishnavi Hardikar         | 111507067 |  |                         |                     |   |
| 7       | Ashish Gawali              | 111507019 | Assistive head motion capture mimicking targeting system   | Mr. Sushil Ronghe       | In-house            | Embedded  |
|         | Siddhant Sanjay Kukade     | 111507027 |  |                         |                     |   |
| 8       | Priyamvada Pushkar Huddar  | 111507070 | Autonomous driving with multitask learning   | Dr. P. P. Rege          | In-house            | Computer Vision/ ML   |
| 9       | Aditi Rajendranath Gadkari | 111507015 | Congestion control in IEEE 802.11 network  | Mrs. Varada Kulkarni    | Inhouse             | Computer Networking   |
| 10      | Rohan Shevade              | 111507055 | Connected Cars using V2V   | Dr.V.V Ingale           | in-house            | embedded systems  |
| 11      | Pranav Prabhune            | 111507043 | Data acquisition and developing a cost reception model specific to Indian conditions for an electric vehicle | Dr P P Shingare         | Inhouse             | Embedded Systems and Statistical                                  |
|         | SHUBHAM SANJAY SHUKLA      | 111507064 |  |                         |                     |   |
| 12      | Aagam Mishrikotkar         | 111507001 | Dermatological Disease Classification using Machine Learning   | Mrs Varada Kulkarni     | Inhouse             | Image processing and machine learning                             |
|         | Yashaswi Priya Ranjan      | 111507063 |  |                         |                     |   |
| 13      | Niranjan Dnyaneshwar Gadre | 111507016 | Firefighter monitoring and tracking system   | Mr. Sushil Ronghe       | Inhouse             | Embedded system, IoT  |
|         | shivkumar sankamwad        | 111507053 |  |                         |                     |   |
|         | Sachin Sanap               | 111507051 |  |                         |                     |   |

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| 14      | Mayuri Sanjay Naik       | 111507033 | Floor cleaning robot  | Prof D.V.Niture          | Inhouse           | Embedded system         |
|         | Pooja Maroti Nilawad     | 111507037 |   |                          |                   |                         |
|         | Dhanashree Deore         | 141607004 |   |                          |                   |                         |
|         | mona bajirao patole      | 141607013 |   |                          |                   |                         |
| 15      | PRATIK D DHEBE           | 111507014 | Fog Removal and Object Detection using Image Processing                 | Mrs. V.N. More           | inhouse           | Image Processing        |
|         | Pawar Yash Dilip         | 111507042 |   |                          |                   |                         |
|         | Rupal Lautre             | 111507048 |   |                          |                   |                         |
| 16      | Mohammed Abdul           | 111507034 | Health Monitoring Wearable Device for Cardiac Arrest Prediction         | Mr. Ranjit Sadakale      | InHouse           | IOT                     |
|         | Avni Kulkarni            | 111507009 |   |                          |                   |                         |
| 17      | Panda Abruti             | 111507039 | Implementation of concept of connected mobility using V2V communication | Dr. Mrs. Vaishali Ingale | Inhouse           | Embedded Systems        |
|         | Sabne Anand Chintamani   | 111507049 |   |                          |                   |                         |
|         | Divyansh Prakash Kasture | 111507024 |   |                          |                   |                         |
| 18      | Karthi Subramanian       | 111507023 | Next Generation Smart Room with Efficient Attendance system             | Dr. Mrs. R. D. Joshi     | Inhouse           | IOT                     |
|         | Koshy Thomas             | 111507026 |   |                          |                   |                         |
|         | Santosh Nehru Gangaji    | 111507017 |   |                          |                   |                         |
|         | Achyut Bodile            | 111507002 |   |                          |                   |                         |
| 19      | Sanah Hassan             | 111507050 | Oculus: Deep Learning based stand-alone module for Smart Refrigerator   | Dr. Prof. P. P. Bartakke | In house          | Deep learning           |
|         | Manswinee R. Thakur      | 111507032 |   |                          |                   |                         |
|         | Amruta S                 | 111507005 |   |                          |                   |                         |
|         | Asiya N. Mulla           | 111507035 |   |                          |                   |                         |
| 20      | Akib Shah                | 111507054 | Secure Data Transfer using ECC based Crypto-Processor                   | Dr. Mrs Vaishali Ingale  | Inhouse           | VLSI and Cryptography   |
|         | Daivanti Thakare         | 111507012 |   |                          |                   |                         |
|         | Anirudh Peri             | 111507006 |   |                          |                   |                         |
|         | Adit Girish Pradhan      | 111507003 |   |                          |                   |                         |
| 21      | Viraj khatri             | 111507025 | Smart Paper Tracking System   | Ms. Vanita Agarwal       | Eduvance, Mumbai  | IoT                     |
| 22      | Kulkarni Abhishek        | 111507029 | Smart glasses for Aviation  | Dr. Mrs. Vibha Vyas      | In-house          | Speech processing,lot   |
|         | Chetan lokhande          | 111507030 |   |                          |                   |                         |
|         | Swapnankit Ramesh Bade   | 111507065 |   |                          |                   |                         |
|         | Shubham Randive          | 111507045 |   |                          |                   |                         |
| 23      | Sanil Raut               | 111507052 | Wireless Factory Management System                                      | Mrs. V. N. More          | Inhouse           | Machine-Learning        |
| 24      | Pritee B Chavan          | 111507011 | Wireless Power Charging for Pacemaker Battery                           | Mr. Ranjit Sadakale      | WPT               | Wireless Power Charging |
| 25      | Pratik Kumbhar           | 111507044 | Skin Disease Classification using machine learning                      | Mrs. Varada Kuljarni     | Inhouse           | Medical application     |