Criteria 1.3 : Curriculum Enrichment

Department of Electronics

1.3.3 Percentage of students undertaking project work/ field work/ internships (Data for the latest completed academic year) -2022-23

- **Number of students undertaking Project Work in their Final Year of Electronics =105**
- **Number of students undertaking Mini Project in Second & Third Year Levels in UG Programme = 63+69= 132**
- **Number of Students undertaking Internship =27**
- **Total No.of Students enrolled in 2022-23 in Electronics= 237**

Formula:

$$\frac{\text{Number of students undertaking project work /field work / internships}}{\text{Total number of students}} \times 100$$

- **Percentage of Students Undertaking Project Work/Field Work/Internships = (63+69+105)/237 = 100 %**

Dr. (Mrs.) J. M. Nair
M. Tech., Ph.D. (IIT-B)
Principal

Ref. No.: VESIT/ JMN/ 1325/ 2023-24 Date : 25/10/2023

TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (https://vesit.ves.ac.in/) are also authentic and does not need any extra validation.

Jayalekshf

Dr. (Mrs) Jayalekshmi M Nair
Principal
Vivekanand Education Society's Institute of Technology
Hashu Advani Memorial Complex,
Collector's Colony
Chembur, Mumbai, Maharashtra 400074

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY
CHEMBUR, MUMBAI-400 074 INDIA

Criteria 1.3.3 : Curriculum Enrichment

1.3.3 Percentage of students undertaking project work/ field work/ internships (Data for the latest completed academic year) -2022-23

Department of Electronics

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A 1-Sample List of Student Internships 2022-23

Department of Electronics Engineering
Internship List
Academic Year 2022-23

Sr No	Name of Student	Company Name	Title & Description of Project	Start of Date	End of Date	Duration
1	Jatin Dhuri	TCR	Front end Web development	1/3/2022	3/20/2023	2 months
2	YASH KURADE	VERZO	HYBRID AND ELECTRIC VEHICLES ONLINE PROGRAM	4/1/2022	5/31/2022	8 week
3	Saideep Namdev Powar	Rinex	Web	11/10/2022	12/21/2022	5 week 4 days
4	Aditya Bedekar	Godrej & Boyce Manufacturing Company Limited	Internship	6/1/2022	6/30/2022	1 month
5	Nimish Deshpande	Tinkerer's Lab VESIT	Accelerometer sensor and vibration sensor.	6/15/2021	7/16/2021	4 weeks
6	Soham Mhatre	CASS AIOT	Worked as computer vision intern	6/1/2022	12/30/2022	6 months
7	Prajwal Poojari	Smart Knower	Data Science	6/1/2022	7/31/2022	2 months
8	Avanti ashok Bhondwe	IBM SKILLS BUILD	Cyber Security on IBM SKILLS Build website.	1/9/2023	1/23/2023	2 weeks
9	Soham Mhatre	Smartknower	Hybrid and electric vehicle	1/1/2022	2/28/2022	2 months
10	Prajwal Poojari	INMOVIDU	Web Development HTML and CSS	4/1/2021	5/15/2021	1 month 15 days
11	Prajwal Poojari	INMOVIDU	Data Science with Python	5/20/2021	7/5/2021	1 month 15 days
12	Abhishek Milind Rane	The spark foundation	Web development internship	9/24/2022	10/21/2022	One month
13	Dhiraj Ingale	JM Financial services Ltd	Fintech Strategy in digital business group	6/8/2022	8/8/2022	2 months
14	Shobhit Rajguru	APSIS SOLUTIONS	IOT Robotics and Embedded System internship with course and	2/1/2023	3/15/2023	6 Weeks

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		(1STOP)	project completion			
15	BIVAB SAHOO	Jio Platforms Limited	Embedded protocol & ODSC DAC configuration	6/2/2022	7/5/2022	5 Weeks
16	Kalpesh Suklal Rathod	PELRC - Pro Engineers Learning and Research Centre	Embedded System, Kaizen Program and Machine Learning.	8/15/2023	9/15/2021	5 Weeks
17	Siddharth Dighe	TAYPRO PRIVATE LIMITED	Web Developer	7/1/2022	7/31/2022	1 month
18	Atharva Bhaindarkar	Tinkerer's lab electronics	Designed an earthquake prediction system	6/15/2021	7/15/2021	1 month
19	SAIDEEP POWAR	RINEX	--	11/10/2022	12/21/2022	5 week 6 days
20	Shobhit Ramesh Rajguru	Apsis Solutions (1stop)	IOT, Robotics and Embedded System	2/1/2023	3/15/2023	6 weeks
21	Kalpesh Suklal Rathod	PELRC - Pro Engineers Learning and Research Centre	Embedded System , Kaizen Program, Programming on Keil software, 5S implementation in Industries.	8/15/2021	9/15/2021	4 Weeks
22	Deeptanshu De	SIEMENS LTD.	Created a production scheduling algorithm using MySQL and NodeRED.	6/24/2022	7/22/2022	4 weeks
23	Ajinkya Phadtare	Techasia Mechatronics Pvt. ltd.	Industrial Weight Indication with Serial Communication	6/5/2023	7/5/2023	4 weeks
24	Jatin Bhagwant Dhuri	TCR Innovation	Mern Stack Web Development	4/1/2023	7/17/2023	3 months 2 week
25	Avanti Rangdal	Learnwik Solutions Pvt Ltd	VLSI	6/5/2023	8/5/2023	2 months
26	Prathamesh Gudame	i-stron corporation pvt ltd	Smart car parking systems by providing solutions and researching on the given internship	5/22/2023	7/21/2023	2 months
27	Jheel Panchal	IMA-PG	PLC Interfacing and Ladder LogicPLC and its interfacing with lamps, sensors, motors, buttons, etc.	6/14/2023	6/30/2023	2 weeks

Dr. Jayamala Adsul

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A 2-Sample List of Student Field Projects 2022-23

Department of Electronics Engineering
Project List B.E
Academic Year 2022-23

Names of Group Members	Name Of Mentor	Title of the Project
Ankita Mhatre Vikas panigrahi Neha Kashid Akshay Mutha	Mrs. Naveeta Kant	Smart Food Dispenser System
Abhishek Rane Aroha Adavadkar Aditya Bedekar Nixit Kothari Kartik Shanbhag	Dr. Abhay Kshirsagar	Clustering and Localisation using WSN(Wireless Sensor Network)
Tanmay Shinde Saritha Ponnambalan Tharakan Bhairavi Joshi Om Shetty	Dr. Rajani Mangala	Cyclone Prediction using Deep Learning
Samay Gadade Vraj Mehta Dipesh Varve Vipul Vishe	Mr. Yogesh Pandit	Development of Mobile application for an efficient management of leftover food through Donation: An initiative to mitigate hunger.
Sahil Patil Saksham Rai Deeptanshu De Avin Shejwal	Mrs. Anushree Prabhu	Smart Energy Meter
Sanket Harmalkar Smriti Karn Hrushikesh Lad	Dr. Asawari Dudwadkar	Smart Classroom

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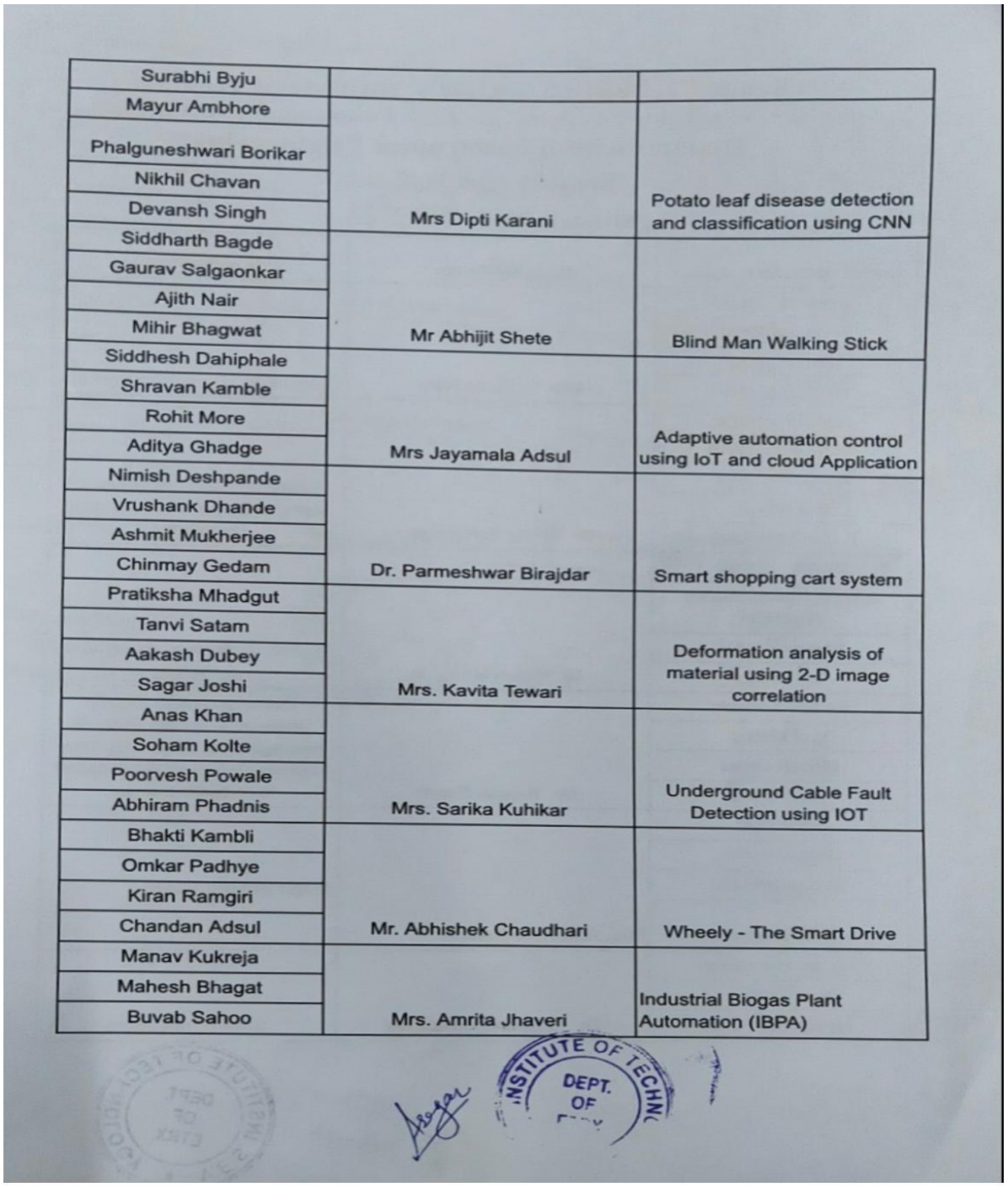

Surabhi Byju		
Mayur Ambhore Phalguneshwari Borikar Nikhil Chavan Devansh Singh	Mrs Dipti Karani	Potato leaf disease detection and classification using CNN
Siddharth Bagde Gaurav Salgaonkar Ajith Nair Mihir Bhagwat	Mr Abhijit Shete	Blind Man Walking Stick
Siddhesh Dahiphale Shravan Kamble Rohit More Aditya Ghadge	Mrs Jayamala Adsul	Adaptive automation control using IoT and cloud Application
Nimish Deshpande Vrushank Dhande Ashmit Mukherjee Chinmay Gedam	Dr. Parmeshwar Birajdar	Smart shopping cart system
Pratiksha Mhadgut Tanvi Satam Aakash Dubey Sagar Joshi	Mrs. Kavita Tewari	Deformation analysis of material using 2-D image correlation
Anas Khan Soham Kolte Poorvesh Powale Abhiram Phadnis	Mrs. Sarika Kuhikar	Underground Cable Fault Detection using IOT
Bhakti Kambli Omkar Padhye Kiran Ramgiri Chandan Adsul	Mr. Abhishek Chaudhari	Wheely - The Smart Drive
Manav Kukreja Mahesh Bhagat Buvab Sahoo	Mrs. Amrita Jhaveri	Industrial Biogas Plant Automation (IBPA)

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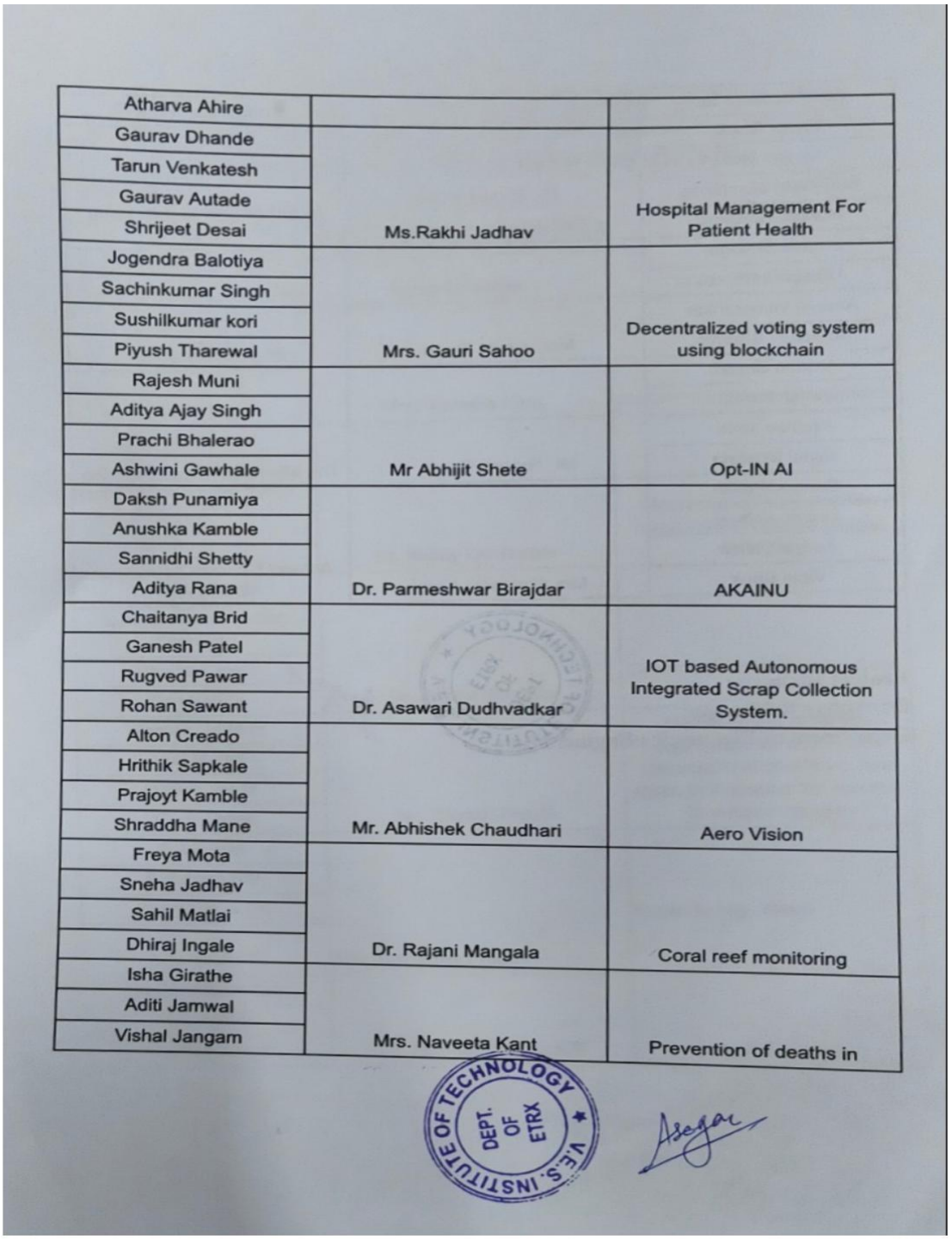

Atharva Ahire		
Gaurav Dhande Tarun Venkatesh Gaurav Autade Shrijeet Desai	Ms.Rakhi Jadhav	Hospital Management For Patient Health
Jogendra Balotiya Sachinkumar Singh Sushilkumar kori Piyush Tharewal	Mrs. Gauri Sahoo	Decentralized voting system using blockchain
Rajesh Muni Aditya Ajay Singh Prachi Bhalerao Ashwini Gawhale	Mr Abhijit Shete	Opt-IN AI
Daksh Punamiya Anushka Kamble Sannidhi Shetty Aditya Rana	Dr. Parmeshwar Birajdar	AKAINU
Chaitanya Brid Ganesh Patel Rugved Pawar Rohan Sawant	Dr. Asawari Dudhvadkar	IOT based Autonomous Integrated Scrap Collection System.
Alton Creado Hrithik Sapkale Prajoyt Kamble Shraddha Mane	Mr. Abhishek Chaudhari	Aero Vision
Freya Mota Sneha Jadhav Sahil Matlai Dhiraj Ingale	Dr. Rajani Mangala	Coral reef monitoring
Isha Girathe Aditi Jamwal Vishal Jangam	Mrs. Naveeta Kant	Prevention of deaths in

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Atharva Mauskar		accidents using IOT
Vineet Bhole	Dr. Abhay Kshirsagar	Smart Shopping Cart using RFID
Aaryan Wani		
Shubham Shanbhag		
Manasi Nerurkar		
Komal Bhongle	Mrs. Kavita Tewari	Smart Healthmate
Utkarsha Kharat		
Ameya Vikharankar		
Abhishek Sharma		
Amaan Shaikh	Mr. Yogesh Pandit	The affordable Electric Vehicle
Nithin Murali		
Andrew Jose		
ziyaul Mustafa		
Saniya Shaikh	Mrs Jayamala Adsul	Answer Checker Application Using AI
Harsh Jadhav		
Aditya Gaikar		
Vipul Bhoir		

Project Incharge
Dr. Abhay Kshirsagar
Department of Electronics Engineering

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A 3. Sample List of Student Mini Projects 2022-23

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Institute of Technology

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Department of Electronics Engineering
Mini Project List T.E
Academic Year 2022-23

Names of Group Members	Mentor Allotted	Title of Mini Project
Vedant Jadhav Sanket Zope Ameya Roplekar Nachiket Suryawanshi	Dr. Abhay Kshirsagar	Clustering in WSN using machine learning
Mehul Nikumbh Ruchita Dolas Aditi Mishra Atharva Bhiandarkar	Dr. Rajani Mangala	Talkie Text: Text to speech
Mayank Bhate Siddharth Dighe Gauraang Prabhudesai Madhurima Tamhankar	Mrs. Kavita Tewari	Plant Disease- Detection using Image Processing
Prathamesh Gudame Aaryan Solkar Riyansh Jain Dhanshree Pandey	Mrs. Naveeta Kant	Design of Floor Cleaning Robot
Aditya Darge Shivam Behera Manmegh Pawar Umesh Suvasiya Naimatullah Mullah	Mr. Abhishek Chaudhari	Hand Gesture controlled vehicle
Vash Setpal Sumedh Savalapurkar Rishabh Goray Sarvesh Hadgaonkar	Dr. Parameshwar Birajdar	Face recognition baSE-d Attendance System

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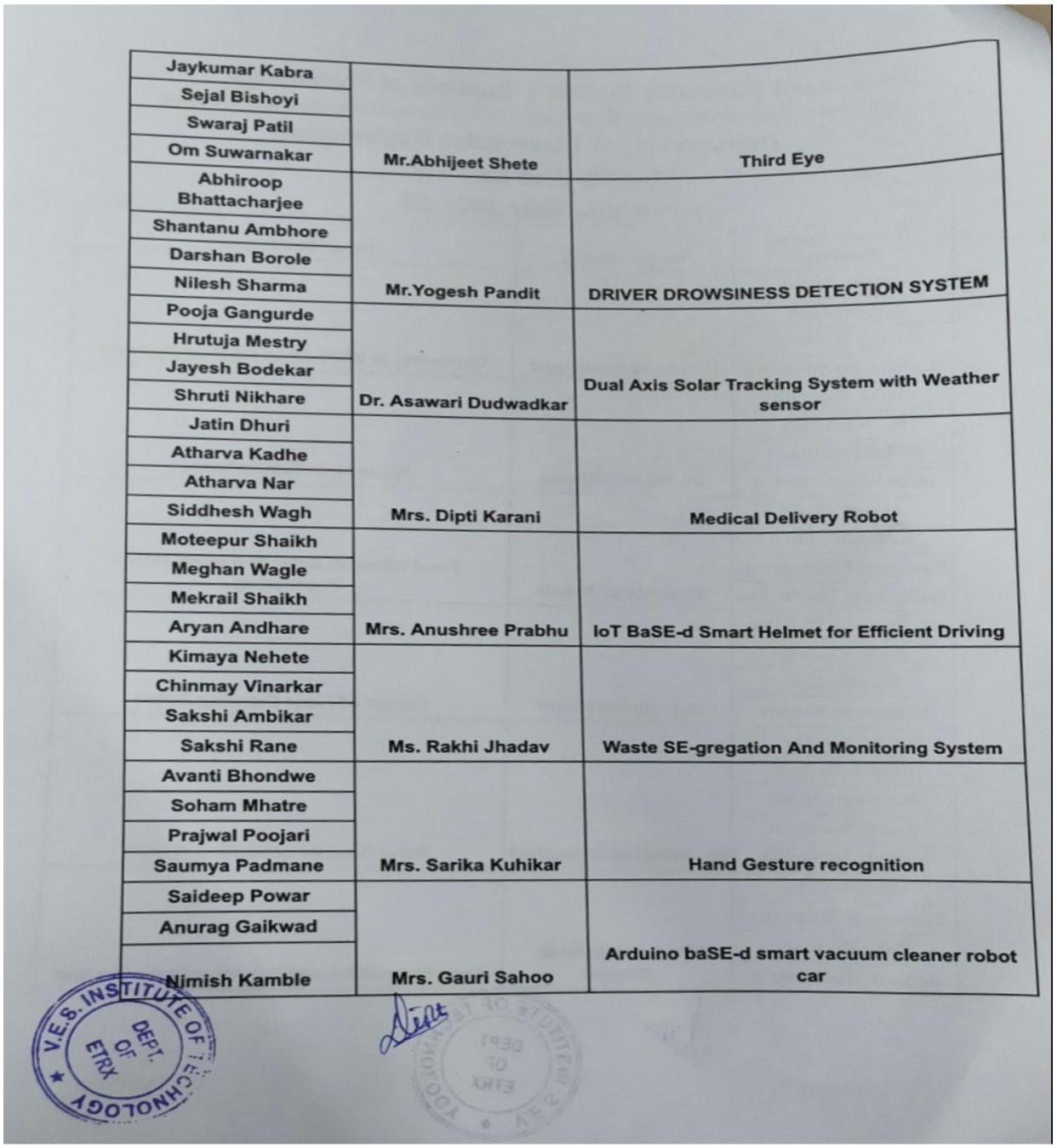

Jaykumar Kabra Sejal Bishoyi Swaraj Patil Om Suwarnakar	Mr.Abhijeet Shete	Third Eye
Abhiroop Bhattacharjee Shantanu Ambhore Darshan Borole Nilesh Sharma	Mr.Yogesh Pandit	DRIVER DROWSINESS DETECTION SYSTEM
Pooja Gangurde Hrutuja Mestry Jayesh Bodekar Shruti Nikhare	Dr. Asawari Dudwadkar	Dual Axis Solar Tracking System with Weather sensor
Jatin Dhuri Atharva Kadhe Atharva Nar Siddhesh Wagh	Mrs. Dipti Karani	Medical Delivery Robot
Moteepur Shaikh Meghan Wagle Mekrail Shaikh Aryan Andhare	Mrs. Anushree Prabhu	IoT BaSE-d Smart Helmet for Efficient Driving
Kimaya Nehete Chinmay Vinarkar Sakshi Ambikar Sakshi Rane	Ms. Rakhi Jhadav	Waste SE-gregation And Monitoring System
Avanti Bhondwe Soham Mhatre Prajwal Poojari Saumya Padmane	Mrs. Sarika Kuhikar	Hand Gesture recognition
Saideep Powar Anurag Gaikwad Nimish Kamble	Mrs. Gauri Sahoo	Arduino baSE-d smart vacuum cleaner robot car

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Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Pradnya Bhujbal		
Sanket Kapoor	Mrs. Jaymala Adsul	FPGA based embedded system for radiation monitoring
Jheel Panchal		
Sagar Pandey		
Ashiqa Shervegar		
Ashwin Katkar	Mrs. Amrita Jhaveri	Brain Tumor Detection System using CNN
Ashwin Diwadkar		
Sakshi Kale		
Avanti Rangdal		
Gurkeerat Singh	Mrs. Sarika Kuhikar	Pick and place robot
Priyanshu Tripathi		
Shreyushi Veer		
sonal shinde		
Vedant Jadhav	Dr. Abhay Kshirsagar	Clustering In WSN
Sanket Zope		
Ameya Roplekar		
Nachiket Suryawanshi		
Mehul Nikumbh	Dr. Rajani Mangala	Talkie Text: Text to speech
Ruchita Dolas		
Aditi Mishra		
Atharva Bhaindarkar		
Mayank Bhate	Mrs. Kavita Tewari	Commodity Cost Estimation using Time Series Forecasting
Siddharth Dighe		
Gauraang Prabhudesai		
Madhurima Tamhankar		
Prathamesh Gudame	Dr. Naveeta Kant	Automatic floor cleaning robot
Aaryan Solkar		
Riyansh Jain		
Dhanshree Pandey		
Aditya Darge	Mr. Abhishek Chaudhari	Bluetooth Push Car
Shivam Behera		
Manmegh Pawar		

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Vivekanand Education Society's
Institute of Technology

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Umesh Suvasiya Naimatullah Mullah		
Vansh Setpal Sumedh Savalapurkar Rishabh Goray Sarvesh Hadgaonkar	Dr. Parameshwar Birajdar	Detection of Parkinson's Disease using Machine Learning
Jaykumar Kabra Sejal Bishoyi Swaraj Patil Om Suwarnakar	Mr.Abhijit Shete	Third Eye :Real Time Object Detection
Abhiroop Bhattacharjee Shantanu Ambhore Darshan Borole Nilesh Sharma	Mr.Yogesh Pandit	College Canteen Management System based Web Application
Pooja Gangurde Hrutuja Mestry Jayesh Bodekar Shruti Nikhare	Dr. Asawari Dudwadkar	Dual Axis Solar Tracking System
Jatin Dhuri Atharva Kadhe Atharva Nar Siddhesh Wagh	Mrs. Dipti Karani	Life Saver
Moteepur Shaikh Meghan Wagle Mekrail Shaikh Aryan Andhare	Mr. Abhishek Chaudhari	IoT Based Effective Helmet for Safe Driving
Kimaya Nehete Chinmay Vinarkar Sakshi Ambikar Sakshi Rane	Ms. Rakhi Jhadav	Waste segregation using automation
Avanti Bhondwe	Mrs. Dipti Karani	Hand gesture recognition

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Soham Mhatre Prajwal Poojari Saumya Padmane		
Saideep Powar Anurag Gaikwad Nimish Kamble Pradnya Bhujbal	Mrs. Gauri Sahoo	Arduino based smart vacuum cleaner robot car
Sanket Kapoor Jheel Panchal Sagar Pandey Ashiqa Shervegar	Dr. Jaymala Adsul	Radiation Monitoring using FPGA
Ashwin Katkar Ashwin Diwadkar Sakshi Kale Avanti Rangdal	Mrs. Amrita Jhaveri	Brain Tumor Detection System Using CNN
Gurkeerat Singh Priyanshu Tripathi Shreyushi Veer Sonal Shinde	Mrs. Amrita Jhaveri	Automatic Waste Segregation System Trash Bin Using ARDINUO UNO.

Project Incharge
Mrs. Dipti Karani
Department of Electronics Engineering

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Department of Electronics Engineering
Project List S.E
Academic Year 2022-23

Names of Group Members	Mentor Allotted	Title of Mini Project
Omkar Upadhya Yash Kurade Mayur Mistry Shobhit Rajguru	Dr. Abhay Kshirsagar	Smart Path Guider For Visually And Hearing Impaired People
Aditya Ayare Anish Godse Vedant Pawar Gaurang Rane	Mr.Abhijit Shete	IoT Based Induction Motor RPM Control
Kadambari Dalvi Anushri Kadam Tejal Narvekar Sukanya Pingle Shantanu Kolhe	Dr. Jaymala Adsul	Android Controlled Robot using 8051 Microcontroller
Atharva Chaudhari Vansh Dhoka Atharva Godkar Ratan Poojari	Mrs. Dipti Karani	SMART VEST
Sneha Bhalerao Gauri Kurmude Armaan Siddiqui Aatharvaa Shiveshwarkar	Mr. Abhishek Chaudhari	IoT based Smart Helmet for accident detection and intimation.
Mitalee Shirsat	Mr.Yogesh Pandit	Arduino Base RFID Door Lock

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Shraddha More Aaryan Ghogle Aditya Srikonda		
Neeraj Maurya Om Dhawade Yuvraj Vaske Arkam Khan	Dr. Naveeta Kant	RFID based attendance System using Arduino
Gharge Sumit Sudam Kale Yogesh Jotiram Patil Sudarshan Hanumant Rathod Kalpesh Suklal	Mrs. Kavita Tewari	Solar Air Dryer
Bandekar Tejas Shivprasad Bhaisare Ritesh Rahul Kannamparambil Om Nikhil Subham Munge	Dr. Parmeshwar Birajdar	Auto Light Dimmer
Sonavane Balraj Ranjit Fulzele Jay Vinod Gawade Devendra Janardan Sonawane Mahesh Dilip	Mrs. Amrita Jhaveri	Accident Detectio and Prevention System
Banala Vishnu Nagasai Kadam Shardul Mangesh Mishra Prajwal Kumar Sawant Aditya Rajendra	Ms Rakhi Jadhav	Speed and Directional control of dc motors using PWM
Ahire Niraj Sachin Bangar Swaraj Sachin	Dr. Rajani Mangala	Pytronic Database

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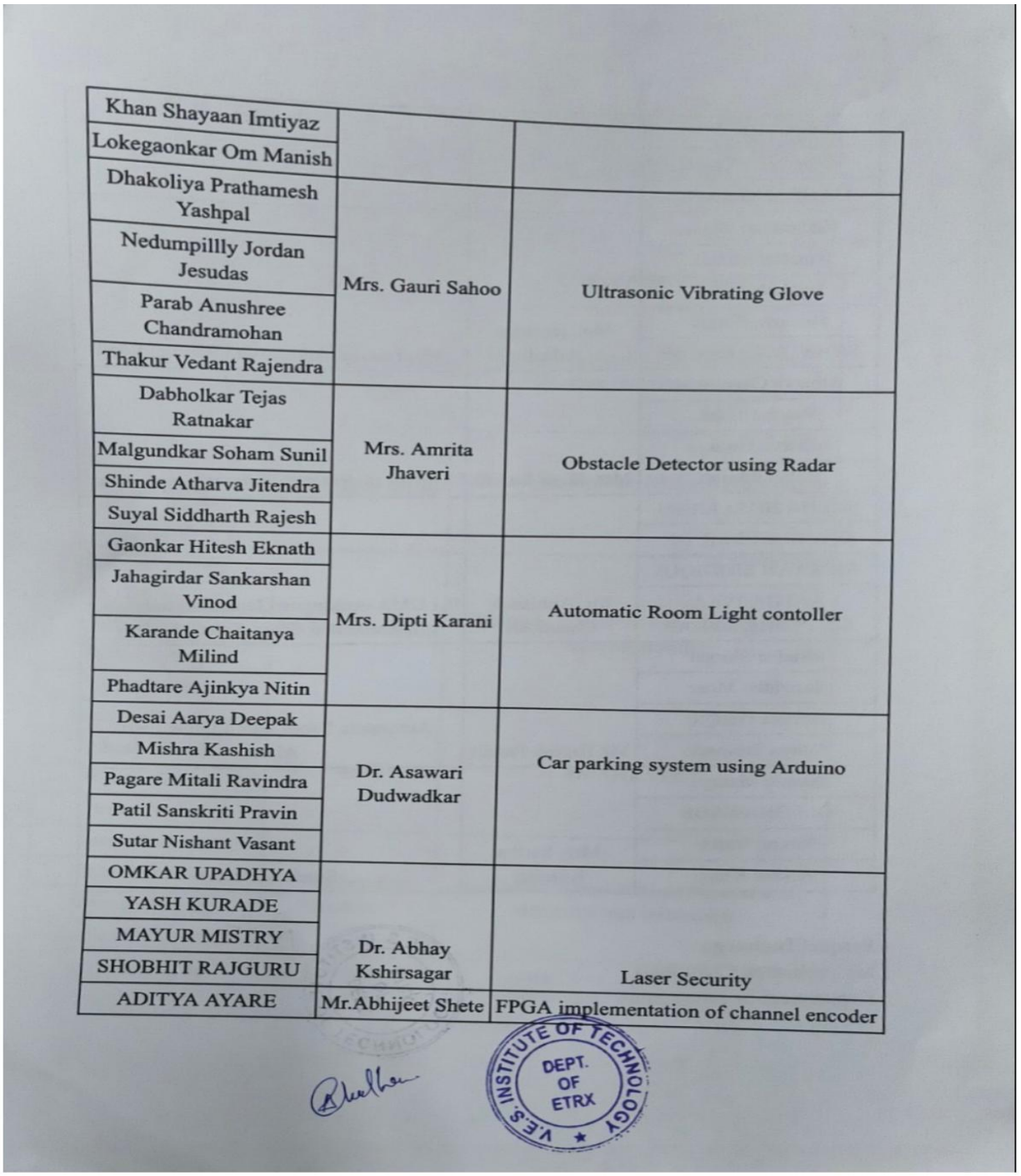

Khan Shayaan Imtiyaz		
Lokegaonkar Om Manish		
Dhakoliya Prathamesh Yashpal	Mrs. Gauri Sahoo	Ultrasonic Vibrating Glove
Nedumpillly Jordan Jesudas		
Parab Anushree Chandramohan		
Thakur Vedant Rajendra		
Dabholkar Tejas Ratnakar	Mrs. Amrita Jhaveri	Obstacle Detector using Radar
Malgundkar Soham Sunil		
Shinde Atharva Jitendra		
Suyal Siddharth Rajesh		
Gaonkar Hitesh Eknath	Mrs. Dipti Karani	Automatic Room Light contoller
Jahagirdar Sankarshan Vinod		
Karande Chaitanya Milind		
Phadtare Ajinkya Nitin		
Desai Aarya Deepak	Dr. Asawari Dudwadkar	Car parking system using Arduino
Mishra Kashish		
Pagare Mitali Ravindra		
Patil Sanskriti Pravin		
Sutar Nishant Vasant		
OMKAR UPADHYA	Dr. Abhay Kshirsagar	Laser Security
YASH KURADE		
MAYUR MISTRY		
SHOBHIT RAJGURU		
ADITYA AYARE	Mr.Abhijeet Shete	FPGA implementation of channel encoder

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ANISH GODSE VEDANT PAWAR GAURANG RANE		decoder
Kadambari Dalvi Anushri Kadam Tejal Narvekar Sukanya Pingle SHANTANU KOLHE	Mrs. Jaymala Adsul	4-BIT Serial Adder With Parallel Load
Atharva Chaudhari Vansh Dhoka Atharva Godkar Ratan Poojari	Mrs. Dipti Karani	Device to detect polarity of transformer
SNEHA BHALERAO GAURI KURMUDE ARMAAN SIDDIQUI AATHARVAA SHIVESHWARKAR	Mr. Abhishek Chaudhari	ILLUMA-Automated Direction Indicating Illuminating Smart Safety Jacket
Mitalee Shirsat Shraddha More Aaryan Ghogle Aditya Srikonda	Mr.Yogesh Pandit	Automatic Fence with Lighting with Alarm
Neeraj Maurya OM DHAWADE Yuvraj Vaske Arkam Khan	Mrs. Sarika Kuhikar	Smoke detector

Project Incharge
Mr. Abhishek Chaudhari
Department of Electronics Engineering

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B 1. Sample Internship Completion Certificates

LearnWik

Ref ID:LW01724

CERTIFICATE
OF INTERNSHIP

This Certificate Is Proudly Presented to

AVANTI RANGDAL

Has successfully completed Internship on VLSI at LearnWik Solutions Pvt Ltd for the period of two months from JUN 5th 2023 to AUG 5th 2023.

Certificate No : AUG039

Issue Date :05/08/2023

Rupesh Jada
Operational Head

Training Certificate

THE CERTIFICATE IS PROUDLY PRESENTED TO

Jatin Bhagwant Dhuri

For completing the training program

MERN FULL STACK WEB DEVELOPMENT

Duration: 01/04/2023 - 17/07/2023

Ms. Rutuja Doiphode
Co-Founder and CEO

TECHNICAL CODING RESEARCH NAVI MUMBAI INNOVATION

TCRIS01R07
Certificate Code

If you have any questions or concerns, send us an email at tcrinnovation@tcrinnovation.co.in

THE SPARKS FOUNDATION

INSPIRE, INNOVATE, INTEGRATE

CERTIFICATE OF COMPLETION

This Certificate is presented to

Abhishek Milind Rane

for an outstanding contribution during the session (Sep 2022 - Oct 2022) of Graduate Rotational Internship Program at The Sparks Foundation on 01-Oct-2022.

Certificate Number:J5TG235C7X

Verification at:
https://truecertificates.com/verification/

PRANAV DUBEY

MANAGING DIRECTOR

APSIS Solutions
INNOVATING THROUGHOUT
INTERNSHIP
CERTIFICATE
THIS IS TO CERTIFY THAT
Shobhit Ramesh Rajguru
has successfully completed internship program in IoT.
from 01st Feb, 2023 to 15th Mar, 2023. During the internship, the student
was found to be dedicated, hardworking and diligent.
1stop.ai/verify-certificate
Academic Head
1stop
Keep Growing
Director Signature

Rinex Internship Certificate | 2022

This Certificate is awarded to :

RINEX CERTIFICATION
CYBER SECURITY WITH ETHICAL HACKING

Saideep Pawar

Has successfully completed Cyber Security With Ethical Hacking Internship in the month of 10 Nov 2022 to 21 Dec 2022 at Rinex.

Academic Director
Rinex Technology

Hipla

SIEMENS

Name Chaitali Gaonkar
Division GBS /H2R
Department H2R
Telephone 022 - 6855 3785
Fax 022 – 3966 3736
E-Mail chaitali.gaonkar@siemens.com

Date 08.09.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Deeptanshu De,** a bonafide student of **Vivekanand Education Society's Institute of Technology, Mumbai** has undergone internship training in **Special Prôduction Machine, Smart Infrastructure Electrical Product** at Kalwa Works during the period 24.06.2022 to 22.07.2022.

We wish him success in all future endeavors.

SIEMENS LTD.

Ganesh Pitale,
Chief Manager – People & Organization

Siemens Ltd.
Sunil Mathur
Managing Director

Kalwa Works
Thane Belapur Road
Airoli,
Navi Mumbai - 400 708.
Tel.: +91 (022) 3966 3250
Tel.: +91 (022) 3966 3393

Registered Office: Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road, Worli, Mumbai – 400 030; Corporate Identity number: L28920MH1957PLC010839;
Tel.: +91 (22) 3967 7000; Fax: +91 22 3967 7500; Contact / Email: www.siemens.co.in/contact; Website: www.siemens.co.in.
Sales Offices: Ahmedabad, Bangalore, Chandigarh, Chennai, Coimbatore, Hyderabad, Kharghar, Kolkata, Luchnow, Mumbai, Nagpur, New Delhi, Pune, Vadodara.

IMA SAFE PG

30th June 2023

To Whom So Ever It May Concern

This is to certify that **Ms. Jheel Panchal** has undergone internship with us from 14th June 2023 to 30th June 2023.

We have found her to be sincere, loyal and hardworking.

We wish her all the best in her future endeavors.

Thanking You,

Yours faithfully,

For IMA-PG India Private Limited

Dr. Archana S Sawant
AGM-HR & Admin

IMA-PG India Private Limited
A wholly-owned Subsidiary of IMA S.p.A, Italy
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QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

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CIN:- U72900GJ2022PTC133197

Date: 30/01/2023

TO WHOMSOEVER IT MAY CONCERN

Subject: Relieving Cum Experience Letter

This is to certify that Mr. Soham Mhatre has been working in our organization, from 01st June 2022 to 30th Dec 2022, last designated as "Computer Vision Intern". We are in receipt of his resignation dated 15 th Dec 2022 and he was relieved from the close of working hours on 30th Dec 2022.

We thank him for all the support he has given to the organization and appreciate his exemplary contributions.

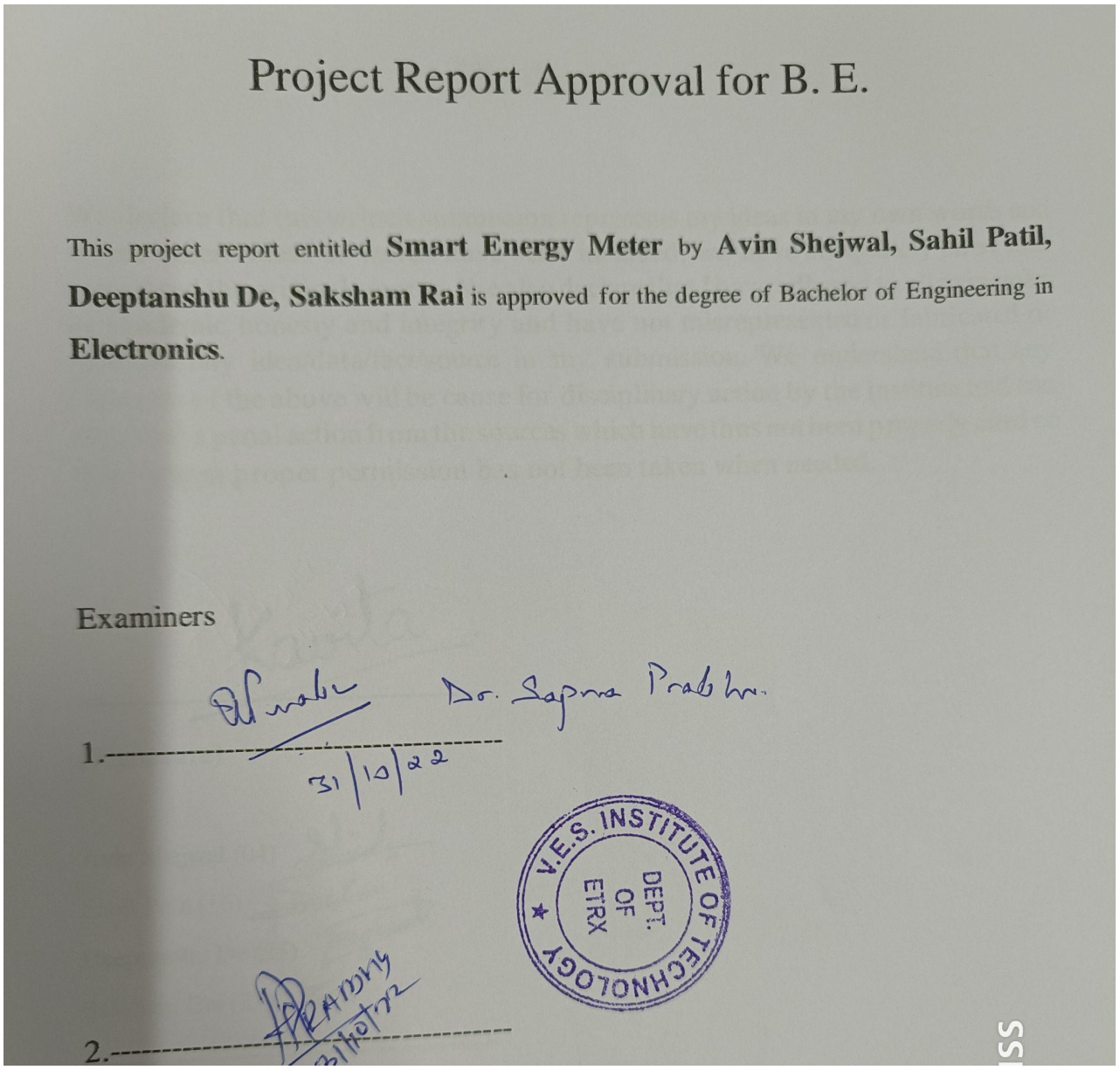
We wish him all the best in his future endeavors.

For, CASS AIOT Pvt. Ltd.

Parth Joshi
Founder & CEO
CASS AIOT Pvt. Ltd.

CASS AIOT PVT. LTD. NAVSARI

B 2-Sample Field Project Completion Certificates



Project Report Approval for B. E.

This project report entitled **Smart Energy Meter** by **Avin Shejwal, Sahil Patil, Deeptanshu De, Saksham Rai** is approved for the degree of Bachelor of Engineering in **Electronics**.

Examiners

1.---------- Dr. Sapna Prabhu.

31/10/22

V.E.S. INSTITUTE OF TECHNOLOGY DEPT. OF ETRX

2.----------

B 3-Sample Mini Project Completion Certificates

Project Report Approval

This project report entitled **"Bluetooth PushCar"** by **" Shivam Behera (5) , Aditya Darge (11) , Naimatullah Mullah (30) , Manmegh Pawar (38)** and **Umesh Suvasiya (47) "** is approved as Third Year Mini Project during academic year 2022-23

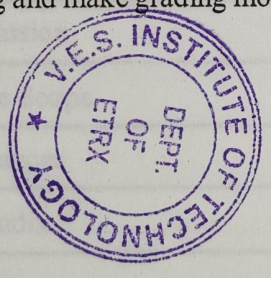
Examiners

1. **Abhishek Chaudhari**

2.

ABSTRACT

Automated answer checking and feedback generation systems have the potential to revolutionise the way students learn and teachers grade exams. In this project, we created an AI-based answer checker that can assess student responses and give them timely performance feedback. Advanced natural language processing techniques are used by the system to distinguish between various handwriting styles and patterns, extract pertinent information from text, and compare user input with the anticipated result. The technology can be integrated with learning management systems used by educational institutions and has the potential to offer multilingual support as well. Students can submit their response, evaluate feedback, and request more help via the user interface. The system's ability to identify common errors and its provided evaluation can also help students improve their performance and understanding of the subject matter. Additionally, by examining user feedback and changing the system's algorithms and models, the system continuously learns and enhances its accuracy. The overall goal of this approach is to improve learning and make grading more effective and efficient for both teachers and students.



C 1-Sample Communications & Reports –Internships

SIEMENS

Name Chaitali Gaonkar
Division GBS /H2R
Department H2R
Telephone 022 - 6855 3785
Fax 022 – 3966 3736
E-Mail chaitali.gaonkar@siemens.com

Date 08.09.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Deeptanshu De,** a bonafide student of **Vivekanand Education Society's Institute of Technology, Mumbai** has undergone internship training in **Special Prodduction Machine, Smart Infrastructure Electrical Product** at Kalwa Works during the period 24.06.2022 to 22.07.2022.

We wish him success in all future endeavors.

SIEMENS LTD.

Ganesh Pitale,
Chief Manager – People & Organization

Godrej & Boyce Mfg. Co. Ltd.
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www.godrej.com
CIN U28993MH1932PLC001828

Corporate Personnel & Administration Dept.

Ref.: HK/P&A/2022/CERT/M- 32 **26 - July - 2022**

To:
The Head of the Department
V.E.S. Institute of Technology
Chembur, Mumbai.

CERTIFICATE

This is to certify that **Mr. Aditya Ashish Bedekar** has done the Internship in **Godrej Precision Engineering** at Vikhroli Establishment during the period from **01- June -2022** to **30- June -2022.**

During the aforesaid period, Mr. Aditya Bedekar completed the project titled **"Automation & Datalogging of IB System"** under the guidance of Mr. Ketan C. Kansara, Assistant General Manager - Design.

We wish Mr. Aditya Bedekar all the best in his future endeavours.

Yours truly,

Harpreet Kaur
Senior Vice President & Head –
Corporate Personnel & Administration

C 2-Sample Reports –Project & Mini Project

Project Report Approval

This project report entitled **"Bluetooth PushCar"** by **" Shivam Behera (5) , Aditya Darge (11) , Naimatullah Mullah (30) , Manmegh Pawar (38)** and **Umesh Suvasiya (47) "** is approved as Third Year Mini Project during academic year 2022-23

Examiners

1. **Abhishek Chaudhari**

2.

1.1 Introduction

Bluetooth is a wireless technology that allows for communication between devices over short distances. It is commonly used in a variety of applications, including hands-free headsets, wireless keyboards, and audio streaming.

Hand gesture control pushcar is a modern and innovative way to control a remote-controlled car. This type of car is controlled by hand gestures made by the user, rather than a traditional remote control. The user can move their hand in specific ways to control the car's movement, such as forward, backward, left and right.

When these two technologies are combined, it opens up a world of possibilities for remote control devices. By using Bluetooth technology, a hand gesture control pushcar can be controlled from a smartphone or other compatible device, making it more accessible and convenient to use. This type of technology is becoming increasingly popular in the field of robotics and can be used for a wide range of applications, including education, entertainment, and even industrial automation.

1.2 Problem Statement

The problem statement for a Bluetooth and hand gesture control pushcar is to design and develop a system that allows users to control the movement of the pushcar wirelessly through a Bluetooth connection and hand gestures. The system should be able to accurately interpret hand gestures and translate them into corresponding movements of the pushcar. Additionally, the system should be reliable and user-friendly, allowing users of all skill levels to easily operate the pushcar without the need for extensive training or technical knowledge. The system should also be robust and able to withstand normal wear and tear associated with regular use.