Shri Vile Parle Kelavani Mandal's
DWARKADAS J.SANGHVI COLLEGE OF ENGINEERING
(Empowered Autonomous College Affiliated to the University of Mumbai)

# Department of Electronics & Telecommunication Engineering

## Innovative Product Development TE groups AY 2026-27

| Group No | Name of student | SAP id | Roll no | BE Mentor | Project title | Faculty guide |
|---|---|---|---|---|---|---|
| 1 | Dia Jain | 60002240212 | E141 | Soham Shinde (7021498358) | Automated level 5 ambulance | Prof. Dipti Kale |
| | Ebrahim Dohadwala | 60002240054 | E133 | | | |
| | Dhweep jain | 60002240224 | E142 | | | |
| | Jenika jain | 60002240210 | E140 | | | |
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| 2 | Parth Patel | 60002240070 | E041 | Soham Shenoy (8928476485) | A Hardware-Accelerated Multimodal Cyber-Physical Platform for Autonomous Radiation Mapping and Source Localization | Prof. Rahul Taware |
| | Dhruv Thakur | 60002240284 | E053 | | | |
| | Param Malli | 60002240053 | E150 | | | |
| | Yug Modi | 60002240093 | E155 | | | |
| | | | | | | |
| 3 | Pratap Gore | 60002250059 | E201 | Vyapti Shah (9372328479) | Smart energy meter | Prof. Revathi AS |
| | Himanshu chordiya | 60002240245 | E128 | | | |
| | Deepkumar Chothani | 60002240113 | E129 | | | |
| | Pawan Mahajan | 60002240071 | E149 | | | |
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| 4 | Vansha Boradia | 60002240092 | E008 | Manav Malnika (9004462891) | AI powered Intelligent infrastructure monitoring system | Ms. Ranjushree Pal |
| | Anaya Kajave | 60002240183 | E025 | | | |
| | Dev Parikh | 60002240061 | E038 | | | |
| | Yuvraj Vyas | 60002240277 | E058 | | | |
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| 5 | Kalash bheda | 60002240059 | E007 | Aangi Shah (7977228771) | Design and Implementation of a Post-Quantum Attestation Fabric for Heterogeneous RISC-V NoC-Based SoCs | Dr. Poonam Kadam |
| | Reina doshi | 60002240240 | E135 | | | |
| | Arnav bhandari | 60002240189 | E005 | | | |
| | Pujan Oza | 60002240250 | e037 | | | |
| | | | | | | |
| 6 | Arav Shroff | 60002240034 | E182 | Devansh Khandar (90049 92467) | Web Design | Prof. Renia Dias |
| | Tasmmai Parekh | 60002240048 | E159 | | | |
| | Rishabh Rathi | 60002240195 | E167 | | | |
| | Parth Sampat | 60002240239 | E176 | | | |
| | | | | | | |
| 7 | Mohit Balgi | 60002240280 | E063 | Kushagra Borase (98928 96038) | Robotics | Prof. Vivek Nar |
| | Sanskar Hirennavar | 60002250020 | E205 | | | |
| | Ayushman Yadav | 60002250023 | E191 | | | |
| | Prashil Ruparelia | 60002240086 | E174 | | | |
| | | | | | | |
| 8 | Taksh Raut | 60002240158 | E170 | Nabhij Kharade (89282 57364) | wheel balancing | Prof. Pavan Borra |
| | Shrutak Reddy | 60002240159 | E173 | | | |
| | Varun Danturi | 60002240145 | E014 | | | |
| | | | | | | |
| 9 | Soham Chopade | 60002240265 | E127 | Tanisha Gosalia (9004932953) | AI assited antenna design | Dr. Santosh kumar Sabat |
| | Kairav Singhal | 60002240209 | E049 | | | |
| | Poornima Khavekar | 60002240278 | E146 | | | |
| | Mann Uddani | 60002240058 | E183 | | | |
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| 10 | Shravani Rane | 60002240227 | E108 | Moksh Jhaveri (8591613790) | Autonomous Smart Assistant Robot for Indoor Logistics and Surveillance | Dr. Sanjay Deshmukh |
| | Sneha Chauhan | 60002240231 | E064 | | | |
| | Vaishnavi R.P.Gupta | 60002240229 | E106 | | | |
| | Tanvi Talvadekar | 60002240194 | E119 | | | |
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| 11 | Pahal Mehta | 60002240252 | E091 | Tanvi Mehta | AI-powered Motorcycle Riding | Dr. CK Beral |
| | Diksha Jain | 60002240203 | E080 | | | |

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| 11 | Jainam Shah | 60002240246 | E117 | (7021799210) | Safety System | Dr. CK Bera |
| | Preet Pancholi | 60002240249 | E097 | | | |
| | | | | | | |
| 12 | Hriday Shah | 60002240081 | E114 | Soham Rangnekar (7045156779) | Quadbot | Dr. Aarti Ambekar |
| | Shubham shah | 60002240102 | E115 | | | |
| | Saman Panchal | 60002240043 | E096 | | | |
| | Keyur Waghela | 60002240152 | E122 | | | |
| | | | | | | |
| 13 | Sushant Singh | 60002240180 | E046 | Tanush Maloo (6352132032) | laser based object detection and tracking | Dr Ameya Kadam |
| | Pari Singh | 60002240205 | E048 | | | |
| | Lakshita Yadav | 60002240199 | E061 | | | |
| | Ishan Singh | 60002240192 | E047 | | | |
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| 14 | Ahmed Surangiwala | 60002240279 | E050 | Meet Bhesaniya (9004837774) | Image Processing using fpga | Dr. Darshana Sankhe |
| | Jay Fotaria | 60002240032 | E019 | | | |
| | Karan Parikh | 60002240121 | E039 | | | |
| | KAVYAL VEGAD | 60002230014 | | | | |
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| 15 | Aarnav Sanghvi | 60002240038 | E109 | Soham Rane (8355995580) | Home Automation using BCI | Prof. Yukti Bandi |
| | Sarvesh Dinesh | 60002240080 | E077 | | | |
| | Chaitanya Deorukhkar | 60002240206 | E070 | | | |
| | | | | | | |
| 16 | Avaneesh Chalke | 60002250039 | E190 | Krish Tawde (8087485557) | Nxt-Cart | Prof.Dipti kale |
| | Vandan thakur | 60002240109 | E121 | | | |
| | Abhishek Pandey | 60002240094 | E098 | | | |
| | Moksh Shah | 60002231096 | E188 | | | |
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| 17 | Rishi Gawde | 60002240271 | E075 | Vini Surani (9930058181) | ADAS Rover | Prof. Tanaji Biradar |
| | Jash Chavada | 60002240108 | E066 | | | |
| | Param Gandhi | 60002240039 | E073 | | | |

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| | Priyansh Hingarh | 60002240289 | E078 | | | |
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| 18 | Shreesh saraf | 60002240273 | E110 | Shakthi Ravishankar (9969574512) | Motor controlled bird using Pcb designing | Dr. CK Beral |
| | Aayush Shah | 60002240143 | E116 | | | |
| | Vedaant Dave | 60002240117 | E069 | | | |
| | Vedant Mehta | 60002240242 | E090 | | | |
| | | | | | | |
| 19 | Riya Bavishi | 60002240078 | E125 | Shubham Khicha (7977396893) | AI healthcare | Dr. Supriya Dicholkar |
| | Hetvi Dodia | 60002240050 | E132 | | | |
| | Prerak Gandhi | 60002240258 | E074 | | | |
| | Panav Desai | 60002240230 | E071 | | | |
| | | | | | | |
| 20 | Revati Wagle | 60002240217 | E123 | Anmol Parekh (9082518541) | spatio temporal neural process for rainfall estimation | Dr. Sanjay Deshmukh |
| | Hasti Savla | 60002240074 | E111 | | | |
| | Shruti Sawant | 60002250040 | E112 | | | |
| | Rashi Bhayani | 60002250040 | E202 | | | |
| | | | | | | |
| 21 | Manav Harsora | 60002250019 | E198 | Shrutik Acharya (7715000669) | SCADA / visual routing | Prof. Archana chaudhari |
| | Pulkit Mantri | 60002240200 | E030 | | | |
| | Rajat viroja | 60002240130 | E056 | | | |
| | Saksham kumar | 60002240274 | E086 | | | |
| | | | | | | |
| 22 | Sakshi Gupta | 60002250061 | E204 | Aditya Banerjee (7738542777) | Interactive therapy and mental wellness tools/solutions | Prof. Abhilasha Raghtate |
| | Janhavi Jadhav | 60002250060 | E194 | | | |
| | Palash Parmar | 60002250236 | E200 | | | |
| | Siddhesh Diddi | 60002210162 | E187 | | | |
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| 23 | Aayush manoj pataskar | 60002240160 | E040 | Jinansh Mehta (7304326875) | Autonomous Level 5 Ambulance | Dr. Prasad Joshi |
| | Anvit Mulik | 60002240123 | E034 | | | |
| | Disha Vora | 60002240255 | E057 | | | |
| | Trushna Hadawale | 60002240264 | E022 | | | |

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| 24 | Sidhanth Rao | 60002240168 | E166 | Om Bubna (9619432189) | Battery Management System | Prof. Pavan Borra |
| | Vihaan Khemani | 60002240161 | E147 | | | |
| | Shresht Khandpur | 60002240221 | E145 | | | |
| | Krishnna Pandya | 60002240293 | E158 | | | |
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| 25 | Mihir Kansara | 60002250016 | E199 | Siddhaant Pandit (8104180185) | CyberSentinel AI | Dr. Aarti Ambekar |
| | Malhar Shah | 60002250015 | E197 | | | |
| | Dhruval Gohil | 60002250235 | E192 | | | |
| | | | | | | |
| 26 | Heet Bharadwa | 60002240155 | E006 | Dhrish Jain (8623823273) | Design and Implementation of an FPGA-Based All-Digital Phase-Locked Loop (ADPLL) | Dr. Poonam Kadam |
| | Anusha Dubey | 60002240228 | E017 | | | |
| | Mishti Damania | 60002240238 | E012 | | | |
| | Chintan Kothary | 60002240129 | E085 | | | |
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| 27 | Vishal Chitroda | 60002240247 | E067 | Dhyey Pau (8976974266) | Circular Polarized Reconfigurable Design of Elliptical Microstrip Antenna for GPS L-Band Applications | Dr. Santosh kumar Sabat |
| | Rushikesh Karambele | 60002240291 | E082 | | | |
| | Aadit Rajbhar | 60002240294 | E079 | | | |
| | Smith Chavada | 60002240025 | E065 | | | |
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| 28 | Aryan Shetty | 60002240201 | E179 | Aryan Bhalkar (8668556573) | An Integrated AI Platform for Real-Time Market Monitoring, Portfolio Risk Analysis, and News Sentiment Intelligence | Prof. Bahar Soparkar |
| | Jatin Umradia | 60002240243 | E184 | | | |
| | Pranit Khandelwal | 60002240287 | E144 | | | |
| | Niva Lakhani | 60002240118 | E148 | | | |
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| 29 | Dharini Vishwanath | 60002240182 | E002 | Mihir Sanghvi (70455779599) | Quantitative Precipitation Estimation using a deep learning model | Prof. Amit Deshmukh |
| | Milee Dugar | 60002240193 | E018 | | | |
| | Aarya Godbole | 60002240150 | E137 | | | |
| | | | | | | |
| 30 | Aditya Chetan Shah | 60002240040 | E044 | Sahil Pisal | Smart Urban Drainage and Flood | Dr. Vishakha |
| | Nidhi Shantilal Patel | 60002240116 | E042 | | | |

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| 30 | Krishna Rajesh Nagne | 60002240063 | E035 | (9004419849) | prevention system | Kelkar |
| | Belishma Shah | 60002240041 | E045 | | | |
| | | | | | | |
| 31 | Rishabh Mewada | 60002240002 | E093 | Dhruvil Thakkar (8591269948) | Logistics Robot | Prof. Sheeja Nair |
| | Varun Jain | 60002240296 | E118 | | | |
| | Dhruv Khurana | 60002240295 | E105 | | | |
| | | | | | | |
| 32 | Parth Raut | 60002240174 | E171 | Harsh Vasa (9819194582) | Document Retrieval RAG Model | Prof Tushar Sawant |
| | Shravya Shetty | 60002240281 | E180 | | | |
| | Chaitanya Rathi | 60002240220 | E168 | | | |
| | Veer Rathod | 60002240076 | E169 | | | |
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| 33 | Shreya Newaskar | 60002240237 | E036 | Manav Doshi (7718880834) | Smart Waste Segregation System using Sensors and Automated Sorting | Dr. Satishkumar Chavan |
| | Khushi Tiwari | 60002250018 | E196 | | | |
| | Riya Gohil | 60002240128 | E138 | | | |
| | Mahi Davda | 60002240253 | E015 | | | |
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| 34 | Maahir Thakar | 60002240091 | E120 | Farishte Wadia (9820644448) | Perimeter Calculator Robot | Prof. Renia Dias |
| | Anukul | 60002240204 | E104 | | | |
| | Kalp Rambhia | 60002240021 | E107 | | | |
| | Bhagyesh Patil | 60002240191 | E102 | | | |
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| 35 | Riya Gohil | 60002250022 | E203 | Avanish Tikekar (8108240740) | Netlist Visualizer & Analyzer | Dr. Darshana Sankhe |
| | Aryan Kandukuri | 60002240225 | E081 | | | |
| | Parshva Panchal | 60002240027 | E095 | | | |
| | Gurtej Singh | 60002240288 | E062 | | | |
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| 36 | Yazaan Bulsara | 60002240024 | E009 | Maitreyi Seluker (8369371881) | Adulteration Detection | Prof. Archana Choudhari |
| | Shlok Gothi | 60002240232 | E020 | | | |
| | Suhail Abdul Sharief | 60002240001 | E001 | | | |
| | Mahir Chandaliya | 60002240262 | E011 | | | |

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| 37 | Sneha Sancheti | 60002240042 | E177 | Yusuf Khambaty (9920756832) | Safety Equipment for hilly regions in ADAS | Prof. Tushar Sawant |
| | Arya Upadhyay | 60002240282 | E185 | | | |
| | Fanali Doshi | 60002240233 | E134 | | | |
| | Shivansh Parekh | 60002240122 | E160 | | | |
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| 38 | Anubhav Trivedi | 60002240257 | E054 | Tanvi Gupte (7021250426) | Integrated Hardware and ML projects | Dr. Vishakha Kelkar |
| | Varun Talele | 60002240216 | E051 | | | |
| | Prehan Shah | 6002240003 | E043 | | | |
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| 39 | Vaishnavi Kaushik | 60002240285 | E084 | Om Kulkarni (9769026715) | Pythoguard- a plant stethoscope | Prof. Sejal Kadam |
| | Mehak patel | 60002240241 | E100 | | | |
| | Rudra karia | 60002240236 | E083 | | | |
| | Devansh lad | 60002240020 | E087 | | | |
| | Trusha lakhani | 60002240114 | E088 | | | |
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| 40 | Varad Bhandari | 60002240110 | E004 | Ananya Murdnar (**89282 15955**) | Emergency Vehicle Prioritization & Smart Intersection Management | Dr. Anuja Odhekar |
| | Manthan Bhadreshwara | 60002240120 | E003 | | | |
| | Aiden Rebello | 60002240101 | E172 | | | |
| | Aadit Dani | 60002240211 | E013 | | | |
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| 41 | Aditya Samani | 60002240260 | E175 | Mukund Surse (9404434356) | SMART CAN BUS ANALYZER | Dr. Prasad Joshi |
| | Soham Patil | 60002250062 | E207 | | | |
| | Yash Poojary | 60002240292 | E165 | | | |
| | Ritika Sheth | 60002240035 | E178 | | | |
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| 42 | Hriday Hablani | 60002240222 | E021 | Kush Shah (9975748342) | UAV FOR REMOTE SENSING | Dr. Ameya Kadam |
| | Divy Kothari | 60002240138 | E029 | | | |
| | Jisha Kamboj | 60002240202 | E026 | | | |
| | Riddhi mehta | 60002240148 | E033 | | | |
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| 43 | Nishka Mittal | 60002240196 | E154 | Kashyap Dattani (7039150512) | BYTE â€“ A Smart Digital Canteen Ordering & Management Platform | Dr. Satishkumar Chavan |
| | Keerthi Pai | 60002240215 | E094 | | | |
| | Manan Doshi | 60002240251 | E016 | | | |
| | Shreya Chakraverty | 60002240151 | E010 | | | |
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| 44 | Aastha Jain | 60002240248 | E143 | Shubham Tayade(7498767166) | AI POWERED SMART GYM ANALYTICS SYSTEM | Prof. Rahul Taware |
| | Swayam Pandya | 60002240067 | E157 | | | |
| | Kanad Malpe | 60002240112 | E151 | | | |
| | Ayyaz Khan | 60002240219 | E126 | | | |
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| 45 | Ishi khetan | 60002240226 | E027 | Shreya Dalvi (7738268770) | SmartCart | Prof. Abhilasha Raghate |
| | Riddhi Jain | 60002240290 | E023 | | | |
| | Krish Kotecha | 60002240259 | E028 | | | |
| | Neel Kachhadia | 60002240106 | E024 | | | |
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| 46 | Samuel Gonsalves | 60002240230 | E139 | Shiva Sukumar (7972744219) | Alignment and distribution of Radar data with rain gauge using a deep learning method | Prof. Amit Deshmukh |
| | Geetansh Daga | 60002240218 | E130 | | | |
| | Shlok Dhaybar | 60002240275 | E131 | | | |
| | Dhruv Balsara | 60002240098 | E124 | | | |
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| 47 | Shrey Patel | 60002240234 | E099 | Rudra Dwivedi (70210 24104) | Dynamically activated transport availability indicator | Dr. Sunil Karamchandani |
| | Dhruv Patel | 60002240254 | E101 | | | |
| | Dishan Shah | 60002240065 | E113 | | | |
| | Yash Patil | 60002240197 | E103 | | | |
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| 48 | Pranjali Phadke | 60002240270 | E163 | Shravan Lingayat (98925 07269) | spatio temporal neural process for rainfall estimation | Prof. Mrunalini Pimpale |
| | Vedanshi Mishra | 60002240267 | E153 | | | |
| | Dakshata Patrut | 60002240164 | E162 | | | |
| | Kavya Gharat | 60002240170 | E136 | | | |
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| 49 | Seemee Panchal | 60002250024 | E206 | Simonee Shah | Air Pollution Detection and | Prof. Mrunalini |
| | Drashti Patel | 60002250025 | E193 | | | |

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| 49 | Aaloki Ghaghda | 60002250017 | E189 | (8104027396) | Purification System | Pimpale |
| | Jeenal Chitania | 60002250021 | E195 | | | |
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| 50 | Samarth Thakur | 60002240266 | E052 | Soham Bhosale (8104180185) | Software Based | Dr. Sunil Karamchandani |
| | Alok verma | 60002240214 | E059 | | | |
| | Aarya walanj | 60002240184 | E060 | | | |
| | | | | | | |
| 51 | Dhruv Pisal | 60002240166 | E164 | Om Hadole (7058029987) | Quant Finance Modelling | Prof. Yukti Bandi |
| | Vansh Mohla | 60002240004 | E156 | | | |
| | Soham Shetye | 60002240272 | E181 | | | |
| | Bhavya Patrawala | 60002240276 | E161 | | | |
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| 52 | Tanish Hangloo | 60002240023 | E076 | Akanksha Raina (9999653170) | AI Women's Smart Safety Device & Platform | Prof. Revathi AS |
| | Harsh Gaggar | 60002240139 | E072 | | | |
| | Dhanvin Dave | 60002240107 | E068 | | | |
| | Dron Mehta | 60002240149 | E089 | | | |
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| 53 | Rishi Rachh | 60002220145 | E210 | Rishi Dave (7021458010) | Cyber security | Dr. Supriya Dicholkar |
| | Arnav Dalal | 60002230099 | E208 | | | |
| | Shubham Goti | 60002210207 | E211 | | | |