



**K S INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**VI SEMESTER MINI PROJECT (18ECMP68) LIST (EVEN 2022 - 2023)**


Sem : VI

| Team No. | USN        | Student Name   | Project Title  | Guide Name  |
|----------|------------|----------------|--|-------------|
| 1        | 1KS20EC026 | Eshwar Biradar | Wireless notice board using Bluetooth HC-05                                | Dr. P N S   |
|          | 1KS20EC048 | Kiran Dev D    |  |             |
|          | 1KS20EC052 | Kusuma VR      |  |             |
|          | 1KS20EC055 | Mahesh Biradar |  |             |
| 2        | 1KS20EC032 | Harini k       | IOT based automation for smart home  | Dr.SB       |
|          | 1KS20EC034 | Harshitha B L  |  |             |
|          | 1KS20EC035 | Harshitha J    |  |             |
|          | 1KS20EC036 | Harshitha N    |  |             |
| 3        | 1KS20EC004 | Ajay B G       | Home Automation for disabled person using voice tag                        | BRS         |
|          | 1KS20EC006 | Akash M        |  |             |
|          | 1KS20EC016 | Chaya.S        |  |             |
|          | 1KS20EC009 | Bharat M       |  |             |
| 4        | 1KS20EC024 | Dhruva Kumar S | Wireless notice board using Bluetooth Arduino                              | Dr. CVR     |
|          | 1KS20EC028 | Gagan HC       |  |             |
|          | 1KS20EC033 | Harshith AR    |  |             |
|          | 1KS20EC041 | Jayanth H      |  |             |
| 5        | 1KS20EC043 | Amshumanth     | Smart gloves for speech impaired people                                    | Dr. B S     |
|          | 1KS20EC049 | Kiran V        |  |             |
|          | 1KS20EC051 | Kumar          |  |             |
|          | 1KS20EC058 | Mohan K        |  |             |
| 6        | 1KS20EC002 | Aditi dubey    | Surveillance Robot using ESP32 CAM module for Border security              | Dr. RN      |
|          | 1KS20EC030 | Gandhamani     |  |             |
|          | 1KS20EC057 | Meghashree     |  |             |
| 7        | 1KS19EC034 | Hima swetha    | Navigation system and speech assistive device for visually impaired people | Dr. D K D S |
|          | 1KS20EC13  | Chaitra        |  |             |
|          | 1KS20EC08  | Hemashree      |  |             |
| 8        | 1KS20EC015 | C.Umadevi      | Bluetooth control Robot using smart phone                                  | BRS         |
|          | 1KS20EC050 | K.Prathima     |  |             |
|          | 1KS19EC026 | Eram Fathima   |  |             |
| 9        | 1KS20EC042 | K Jeevitha     | Automatic water dispenser using IR sensor                                  | Dr. D B     |
|          | 1KS20EC046 | Kavya S M      |  |             |
|          | 1KS20EC054 | MADIHA         |  |             |
|          | 1KS20EC029 | Gagana         |  |             |
| 10       | 1KS20EC037 | Inchara P      | Distance based collision avoidance using Arduino UNO                       | RKR         |
|          | 1KS20EC038 | Chaithanya J   |  |             |
|          | 1KS20EC045 | Kavana G S     |  |             |

|    |            |                         |  |        |
|----|------------|-------------------------|--|--------|
| 11 | 1KS20EC021 | Darshan Kumar S         | OTP based Smart wireless locking system using Aurdino          | V D    |
|    | 1KS20EC027 | G Bhavana Priyadarshini |  |        |
|    | 1KS20EC031 | Gomitha R C             |  |        |
| 12 | 1KS20EC001 | Abhishek J              | Obstacle avoiding vehicle                                      | SV     |
|    | 1KS20EC017 | Chethan G               |  |        |
|    | 1KS20EC018 | Chethan Kumar T         |  |        |
|    | 1KS20EC019 | Chethan Kumar J         |  |        |
| 13 | 1KS20EC053 | M.Archana               | Density based on Traffic signal system                         | PA     |
|    | 1KS20EC014 | C.Sai srujitha          |  |        |
|    | 1KS20EC047 | Keerthana B.S           |  |        |
| 14 | 1KS20EC023 | Dhamini.J               | Arduino based Fire Fighting Robot                              | CJ     |
|    | 1KS20EC025 | Divya.N                 |  |        |
|    | 1KS21EC401 | Sudeep.V.Reddy          |  |        |
|    | 1KS20EC010 | Bhavitha.B              |  |        |
| 15 | 1KS20EC039 | Jamuna S G              | Secured Communication  | SST    |
|    | 1KS20EC040 | Janhavi R               |  |        |
|    | 1KS20EC056 | Manaswini K M           |  |        |
| 16 | 1KS20EC003 | Afeefa Sharieff         | Magnetic levitaion Train                                       | SKB    |
|    | 1KS20EC011 | Bhuvaneshwari.K         |  |        |
|    | 1KS20EC012 | Chaitanya.K             |  |        |
|    | 1KS20EC020 | Darshan.K               |  |        |
| 17 | 1KS20EC062 | NEHA N AIRANI           | Anti smuggling alarm sytem for trees in forest                 | Dr. PS |
|    | 1KS20EC080 | RAMYA T                 |  |        |
|    | 1KS20EC112 | VARSHA N                |  |        |
| 18 | 1KS20EC077 | Rakshith R              | RFID RC522 based attendance system using Arduino & data logger | BHA    |
|    | 1KS20EC093 | Sharath M               |  |        |
|    | 1KS20EC098 | Shreyas P S Rao         |  |        |
|    | 1KS20EC108 | Uday C H                |  |        |
| 19 | 1KS20EC111 | Vaishnavi VH            | Automatic obstacle detecting robot using Arduino Nano          | SVJ    |
|    | 1KS20EC113 | Vijayalakshmi K         |  |        |
|    | 1KS20EC117 | Yashilaa S              |  |        |
|    | 1KS20EC060 | Nallani Gowthami        |  |        |
| 20 | 1KS20EC068 | Prema G                 | Sun tracking solar panel                                       | BA     |
|    | 1KS20EC079 | Rameshwar               |  |        |
|    | 1KS20EC097 | Shreyas ms              |  |        |
|    | 1KS20EC094 | Shashank S              |  |        |
| 21 | 1KS20EC101 | SONIKA                  | Automatic hand sanitizer dispenser                             | KBM    |
|    | 1KS20EC059 | N SHREYA                |  |        |
|    | 1KS20EC104 | SURAKSHA N              |  |        |
|    | 1KS20EC076 | Rakshith NM             |  |        |
| 22 | 1KS20EC061 | Neha cr                 | Voice controlled car using Aurdino                             | AP     |
|    | 1KS20EC065 | Pavani ts               |  |        |
|    | 1KS20EC071 | Priyanka m              |  |        |
|    | 1KS20EC072 | Pushpa dt               |  |        |

|    |            |                   |  |             |
|----|------------|-------------------|--|-------------|
| 23 | 1KS20EC070 | Priyanka K        | Electric power Generation using piezo electric transducers | SS          |
|    | 1KS20EC083 | S Arun kumar      |  |             |
|    | 1KS20EC085 | Sadhana srinivas  |  |             |
|    | 1KS20EC092 | Shakti Anbazhagan |  |             |
| 24 | 1KS20EC105 | Tarun prasanna    | Color segregator using 4axis Robotic Arm                   | Dr. P N S   |
|    | 1KS20EC103 | Sumukha S         |  |             |
|    | 1KS20EC106 | Tejas N reddy     |  |             |
|    | 1KS20EC073 | Rahul krishnan N  |  |             |
| 25 | 1KS20EC095 | SHIVA             | IOT Based Vehical theft detection                          | Dr. SB      |
|    | 1KS20EC096 | SHREYA H          |  |             |
|    | 1KS20EC099 | SHWETA            |  |             |
|    | 1KS20EC069 | PRIYANKA.HC       |  |             |
| 26 | 1KS20EC066 | Pradyumna         | Smart car parking system                                   | Dr. D B     |
|    | 1KS20EC075 | Rajath            |  |             |
|    | 1KS20EC116 | Vineeth           |  |             |
|    | 1KS20EC118 | Yashwanth         |  |             |
| 27 | 1KS20EC084 | Sachin N M        | Line follower Robot with obstacle avoidance                | Dr. CVR     |
|    | 1KS20EC087 | Sandeep YH        |  |             |
|    | 1KS20EC109 | Ujjwal naidu      |  |             |
|    | 1KS20EC114 | Vinay SP          |  |             |
| 28 | 1KS20EC091 | sanjana t gadikar | Automatic plant watering system                            | Dr. B S     |
|    | 1KS20EC089 | Sanjana g         |  |             |
|    | 1KS20EC102 | Sumana N          |  |             |
|    | 1KS20EC110 | Vaishnavi A       |  |             |
| 29 | 1KS20EC074 | Rahul R           | Water and Air Pollution Monitoring System                  | Dr. RN      |
|    | 1KS20EC078 | Rakshitha A       |  |             |
|    | 1KS10EC115 | Vinay Sagar       |  |             |
|    | 1KS20EC082 | Rohith AK         |  |             |
| 30 | 1KS20EC063 | Vasanth kumar     | Mobile Jammer circuit                                      | Dr. D K D S |
|    | 1KS20EC067 | Praveen           |  |             |
|    | 1KS20EC064 | Pavan C           |  |             |
|    | 1KS20EC107 | Thummala Girish   |  |             |

Mini Project Coordinators

 (Dr. B. Sudeshan)

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