

New Horizon College of Engineering  
 Department of Electronics and Communication Engin  
 V sem A section- 20ECL59- Miniproject III; 2018-22

| Group No | Guide                  | Topic  | USN        |
|----------|------------------------|--|------------|
| A1       | Dr.Sanjeev Sharma      | Google assistant based automation                                | 1NH18EC024 |
|          |                        |  | 1NH18EC040 |
|          |                        |  | 1NH18EC012 |
|          |                        |  | 1NH18EC033 |
| A2       | Ms.Ishani Mishra       | Image Classification   | 1NH18EC006 |
|          |                        |  | 1NH18EC001 |
|          |                        |  | 1NH18EC145 |
|          |                        |  | 1NH18EC018 |
| A3       | Dr. B Mohan Kumar Naik | Smart Shopping Cart using arduino                                | 1NH18EC049 |
|          |                        |  | 1NH18EC037 |
|          |                        |  | 1NH18EC036 |
|          |                        |  | 1NH18EC021 |
| A4       | Ms.Monika gupta        | Color sensing robot using MATLAB                                 | 1NH18EC004 |
|          |                        |  | 1NH18EC008 |
|          |                        |  | 1NH18EC053 |
|          |                        |  | 1NH18EC135 |
| A5       | Dr.A.B.Gurulakshmi     | Home Automation using RF Transreceiver                           | 1NH18EC013 |
|          |                        |  | 1NH18EC136 |
|          |                        |  | 1NH19EC400 |
|          |                        |  | 1NH19EC408 |
| A6       | Ms.Mamtha B S          | Library management system using C Data Structures                | 1NH18EC002 |
|          |                        |  | 1NH18EC003 |
|          |                        |  | 1NH18EC020 |
|          |                        |  | 1NH18EC023 |
| A7       | Ms.Tessy Tomy          |  | 1NH18EC029 |
|          |                        |  | 1NH18EC009 |
|          |                        |  | 1NH18EC016 |
|          |                        |  | 1NH19EC402 |
| A8       | Ms.Lipsa Dash          | Fake currency detection using matlab                             | 1NH18EC017 |
|          |                        |  | 1NH18EC022 |
|          |                        |  | 1NH18EC140 |
| A9       | Mr.Ashok. K            | Gesture controlling computer using arduino and ultrasound sensor | 1NH18EC041 |
|          |                        |  | 1NH18EC030 |
|          |                        |  | 1NH18EC005 |
|          |                        |  | 1NH18EC031 |
| A10      | Dr. Piruthiviraj P     | Bit Error rate Tuning in Optical Fiber Communication             | 1NH18EC052 |
|          |                        |  | 1NH18EC007 |
|          |                        |  | 1NH18EC058 |
| A11      | Mr.Deepak Kumar .S.N   | Bluetooth controlled electronic home appliances                  | 1NH19EC409 |
|          |                        |  | 1NH18EC060 |
|          |                        |  | 1NH18EC048 |
|          |                        |  | 1NH18EC027 |
|          |                        |  | 1NH18EC055 |
|          |                        |  | 1NH17EC140 |

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|-----|-------------------------|---|------------|
| A12 | Ms.Mamta B Savadatti    | Speed Detector of Vehicles                                | 1NH18EC051 |
|     |                         |   | 1NH18EC054 |
|     |                         |   | 1NH18EC057 |
|     |                         |   | 1NH18EC144 |
| A13 | Ms.Daliya V K           | One Transistor Code lock                                  | 1NH18EC034 |
|     |                         |   | 1NH18EC035 |
|     |                         |   | 1NH18EC056 |
|     |                         |   | 1NH18EC050 |
| A14 | Mr.Santhosh Krishna B V | Automatic Hand Sanitiser D                                | 1NH18EC039 |
|     |                         |   | 1NH18EC015 |
|     |                         |   | 1NH18EC025 |
|     |                         |   | 1NH18EC046 |
| A15 | Ms. Aneeta S Antony     | Colour Detection to aid the colour blind                  | 1NH18EC032 |
|     |                         |   | 1NH18EC028 |
|     |                         |   | 1NH18EC059 |
|     |                         |   | 1NH18EC011 |
| A16 | Mr.Puvirajan T          | Automatic Room Lighting System using 8051 Microcontroller | 1NH18EC133 |
|     |                         |   | 1NH18EC038 |
|     |                         |   | 1nH18EC019 |
|     |                         |   | 1NH18EC014 |
| A17 | Ms.Tessy Tomy           | BiCycle Guard   | 1NH18EC042 |
|     |                         |   | 1NH18EC127 |
|     |                         |   | 1NH18EC043 |
|     |                         |   | 1nH18EC026 |

Engineering

## Batch

| Name                       |
|----------------------------|
| Chandra Mohan P            |
| Govind raj C S             |
| ANVS Manideep              |
| Sai Sandeep G              |
| Anand Chaitanya V          |
| Abhirag S                  |
| Dinesh G                   |
| BALAJI A                   |
| K.Harshitha                |
| G.ReshmaBhavani            |
| G.Saranya                  |
| M.ChaitanyaGopinath        |
| Akilesh K                  |
| Anjali R                   |
| Keerthana S                |
| Greeshma M N               |
| Arnab sangam               |
| Abhishek Singh Rathore     |
| Anusha.S                   |
| Arshitha P Reddy           |
| Aishwarya M Halli          |
| Aishwarya Nagras           |
| B Gowthami                 |
| Chandana C                 |
| Dhamini.S                  |
| Apoorva.R                  |
| Ayaan Khan.S               |
| Farzeen Sultana            |
| B Bhavani                  |
| Challa kundanasai          |
| Anusha K                   |
| Indrajith K R              |
| M Dilip                    |
| AMITH SABU                 |
| Eric Joe                   |
| Kavin Anbalagan            |
| Anil Kumar K M             |
| Kuldeep Singh A            |
| Lakshmipathi G N           |
| Kurapati Sai Swathi        |
| Kamineni Chandrika         |
| Chokkam Preethi Kiran      |
| Korapati Reddy Yamini      |
| Satya Manoj Basina Agastya |

|                                |
|--------------------------------|
| K Abishek vardhan              |
| K Vamsi krishna                |
| K Soma sekhar                  |
| G Manoj kumar reddy            |
| G BHAVADEEP REDDY              |
| G VISHNU VARDHAN               |
| K PRADEEP                      |
| K HEMANTH                      |
| Gourav D H                     |
| Avinash U G                    |
| Abhinay Kumar Reddy            |
| K Sandeep Kumar Reddy          |
| Gopavaram Nithish Kumar        |
| Dasari Praneeth Kumar          |
| Kummari Shankar Sai            |
| Appolla Mouneesh Kumar         |
| Bharathraj P                   |
| Gokaraju Venkata Vamsi Krishna |
| Bandla Saikumar                |
| Athikari ganesh                |
| K C Ankith                     |
| Kakumanu Praneetha             |
| K Harsha Vardhan               |
| Chandra Rohith Choudary        |

New Horizon College of

Department of Electronics and Com

V sem B section- 20ECL59- Minipr

| Group No | Guide                   | Topic   |
|----------|-------------------------|---|
| B1       | Dr.K.C.R. Nisha         | Emergency alert and tracking device for improving the safety of women |
| B2       | Mr.B.V.Santhosh Krishna | Smart Golves for the Deaf and Dumb                                    |
| B3       | Dr.Aravinda K           | PIR Sensor and GSM based security management system                   |
| B4       | Mr. Anush G R           | Automatic garbage collection using arduino                            |
| B5       | Dr.Sanjeev Sharma       | Electronic voting machine using arduino                               |
| B6       | Mr.Karthik C V          | Using TV Remote as a Cordless Mouse for the Computer                  |
| B7       | Dr.B.Mohan Kumar Naik   | Attendance recorder using 8085 microprocessor                         |
| B8       | Dr.K.C.R. Nisha         | Self balancing robot  |
| B9       | Mr.Puvirajan T          | Vehicle Movement Based Street Lights Using Atmega                     |
| B10      | Mr.Richard L P          | Google Assistant Controlled Scrolling Display                         |
|          |                         |   |

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|-----|-------------------------|---|
| B11 | Dr.Sanjeev Sharma       | Surveillance Robot  |
| B12 | Mr.Santhosh Krishna B V | Close proximity SOS broadcaster for everyone's safety         |
| B13 | Dr. Aravinda K          | Home Automation using esp32 nodmcu                            |
| B14 | Mr.Rajiv Gopal          | Password based door locking system using 8051 microcontroller |
| B15 | Mr.Anush G R            | Gesture Control Robot   |
| B16 | Ms.Ramanamma P          | A perfect driver  |
| B17 | Ms.Daliya V K           | Android based wireless door lock system                       |
| B18 | Mr.Rajiv Gopal          | Automatic meter reading by using Arduino                      |

# Engineering

## Communication Engineering

### Project III; 2018-22 Batch

| USN        | Name                    |
|------------|-------------------------|
| 1NH18EC063 | M Suchith               |
| 1NH18EC095 | Ramya Priya Y           |
| 1NH18EC112 | Tanmaya H               |
| 1NH18EC077 | Neetha Nataraj          |
| 1NH18EC080 | Nivedita Salimath       |
| 1NH18EC103 | Shivani Yadav           |
| 1NH18EC108 | Sowmya L                |
| 1NH18EC067 | Manisha Prem            |
| 1NH18EC072 | Lakshmi Prasanna N      |
| 1NH18EC074 | Navodit Tiwari          |
| 1NH18EC101 | Sanskrut Garud          |
| 1NH18EC111 | Syed Anees Ahmed        |
| 1NH18EC113 | Thota Venkata Rohith    |
| 1NH18EC120 | Vignesh                 |
| 1NH18EC143 | RAHUL M                 |
| 1NH18EC061 | Lokesh Y                |
| 1NH18EC075 | Navya M K               |
| 1NH18EC078 | Nidhishree Kawri        |
| 1NH18EC128 | Meghanashree C          |
| 1NH18EC086 | Poornima R M            |
| 1NH18EC106 | Sneha N S               |
| 1NH18EC064 | Madala Bhanu Prakash    |
| 1NH18EC122 | Vutukuri Gowtham        |
| 1NH18EC066 | Manish M                |
| 1NH18EC065 | Chaitanya Reddy         |
| 1NH18EC083 | Vamsi Krishna           |
| 1NH18EC107 | Souvik Manna            |
| 1NH18EC084 | P.Sree Raj              |
| 1NH18EC099 | Sai Hasan               |
| 1NH18EC118 | Mahesh                  |
| 1NH18EC116 | v.chetan kumar reddy    |
| 1NH18EC073 | Nandankumar K           |
| 1NH18EC090 | Rahul M R               |
| 1NH18EC098 | Rohit Egayya Harikantra |
| 1NH18EC121 | Vinay Kumar K           |
| 1NH18EC079 | Nikitha M S             |
| 1NH18EC139 | Nehna Manoj             |
| 1NH18EC082 | P Naveen Krishna        |
| 1NH18EC102 | Santhosh Gowda M        |
| 1NH18EC110 | Suraj Suresh            |

|            |  |
|------------|--|
| 1NH18EC091 | Rakesh M   |
| 1NH18EC047 | Kamala Vennela Vasireddy (A)                     |
| 1NH18EC071 | Melita Rose G                                    |
| 1NH18EC123 | Vyshak Sathish Shetty                            |
| 1NH18EC119 | Varun Gowda K V                                  |
| 1NH18EC134 | Pudi Yashwanth                                   |
| 1NH18EC087 | Pramod Aithal                                    |
| 1NH18EC097 | Rohan s patil                                    |
| 1NH18EC141 | Ravi n   |
| 1NH18EC062 | Rohit m  |
| 1NH18EC138 | RUPENDRAN A M                                    |
| 1NH18EC089 | R Anusha   |
| 1NH18EC114 | Umadevi  |
| 1NH18EC126 | Yoshitha S                                       |
| 1NH19EC401 | Basavaraj N Hirebidari                           |
| 1NH18EC088 | Prashanth B                                      |
| 1NH19EC412 | Risheek D S                                      |
| 1NH18EC115 | VB VASU  |
| 1NH18EC070 | M Rishi  |
| 1NH18EC117 | Vaishak lakshmanan                               |
| 1NH18EC094 | Rakshith MV                                      |
| 1NH18EC093 | Raksha k   |
| 1NH18EC092 | Raksha c   |
| 1NH18EC085 | Peddisetty Mahidhar Kumar                        |
| 1NH18EC109 | Srikakulam Hari Venktata<br>sivanagamani sandeep |
| 1NH18EC125 | Yeshwanth Kumar M                                |
| 1NH18EC146 | Nageli sai kalyan naidu                          |
| 1NH18EC068 | Manyam Sai Hemanth Reddy                         |
| 1NH18EC069 | Marella Suresh                                   |
| 1NH18EC076 | Neerumala Lakshmi Sai Manikanta                  |
| 1NH18EC081 | Pendyala Manikanta                               |



New Horizon College of Engineering

Department of Electronics and Communication Eng

V sem D section- 20ECL59- Miniproject III; 2018-2

| Group No | Guide              | Topic  | USN         |
|----------|--------------------|--|-------------|
| D1       | Ms.Aneeta S Antony | LPG gas leakage detection system                     | 1NH16EC022  |
|          |                    |  | 1NH176EC121 |
|          |                    |  | 1NH17EC050  |
|          |                    |  | 1NH17EC024  |
| D2       | Ms.Tessy Tomy      | Travelling salesman problem using greedy's algorithm | 1NH17EC076  |
|          |                    |  | 1NH17EC110  |
|          |                    |  | 1NH17EC719  |
|          |                    |  | 1NH17EC757  |
| D3       | Ms.Aneeta S Antony | Face Detection Using MATLAB                          | 1NH17EC116  |
|          |                    |  | 1NH17EC078  |
|          |                    |  | 1NH17EC025  |
|          |                    |  | 1NH17EC020  |
| D4       | Mr.Karthick C V    | third eye for blind                                  | 1NH17EC017  |
|          |                    |  | 1NH17EC741  |
|          |                    |  | 1NH17EC098  |

Engineering

22 Batch

| Name                   |
|------------------------|
| DARSHAN RAJ.S          |
| YATHISH.K              |
| MANISHA. R             |
| D.VAISHNAVI            |
| Rahul Mondal           |
| Sai Avinash Reddy      |
| Ram Charan K           |
| V Harsha Vardhan Reddy |
| V MAHEEDHAR            |
| RAVI KIRAN MB          |
| Asad G                 |
| Deepak S               |
| Chandana N             |
| Sai Harsha S           |
| Srinidhi Damodhar      |

New Horizon College of Engineering

Department of Electronics and Communication Eng

V sem D section- 20ECL59- Miniproject III; 2018-

| Group No | Guide               | Topic  | USN        |
|----------|---------------------|--|------------|
| C1       | Dr.A.B. Gurulakshmi | Number plate recognition using MATLAB                          | 1NH18EC129 |
|          |                     |  | 1NH18EC704 |
|          |                     |  | 1NH18EC719 |
|          |                     |  | 1NH18EC743 |
| C2       | Dr.Rajesh G         | SMART Weather Reporting System for Agricultural Applications   | 1NH18EC703 |
|          |                     |  | 1NH18EC712 |
|          |                     |  | 1NH18EC739 |
|          |                     |  | 1NH18EC746 |
| C3       | Ms.Divya Sharma     | Smoke detection with fire prevention using cisco packet tracer | 1NH18EC711 |
|          |                     |  | 1NH18EC130 |
|          |                     |  | 1NH18EC131 |
|          |                     |  | 1NH18EC747 |
| C4       | Ms.Lipsa Dash       | LED Control using Telegram Bot                                 | 1NH18EC715 |
|          |                     |  | 1NH18EC728 |
|          |                     |  | 1NH18EC735 |
|          |                     |  | 1NH18EC736 |
| C5       | Dr.K C R Nisha      | Breathalyzer   | 1NH18EC132 |
|          |                     |  | 1NH18EC725 |
|          |                     |  | 1NH18EC716 |
|          |                     |  | 1NH18EC733 |
|          |                     |  | 1NH18EC714 |
| C6       | Ms.Lipsa Dash       | Finding measurements of an object within an image using MATLAB | 1NH18EC721 |
|          |                     |  | 1NH18EC708 |
|          |                     |  | 1NH18EC137 |
|          |                     |  | 1NH18EC749 |
| C7       | Dr.Naveen H         | Smart Agriculture Using Cisco Packet Tracer                    | 1NH18EC701 |
|          |                     |  | 1NH18EC707 |
|          |                     |  | 1NH18EC745 |
|          |                     |  | 1NH19EC411 |
| C8       | Ms.Ishani Mishra    | Early forest Fire Detection using MATLAB                       | 1NH18EC726 |
|          |                     |  | 1NH18EC738 |
|          |                     |  | 1NH19EC404 |
| C9       | Ms.Monika Gupta     | Efficient Energy Management using IoT                          | 1NH18EC742 |
|          |                     |  | 1NH18EC730 |
|          |                     |  | 1NH18EC700 |
|          |                     |  | 1NH18EC741 |
| C10      | Mr.Rajiv Gopal      | Implementation of Smart Home using Packet Tracer               | 1NH18EC722 |
|          |                     |  | 1NH18EC755 |
|          |                     |  | 1NH18EC754 |
|          |                     |  | 1nh18EC757 |
|          |                     |  | 1NH18EC734 |

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|-----|---------------------|--|------------|
| C11 | Mr.Richard L P      | Aurdino based Vehicle Tracker using GSM and GPS  | 1NH18EC731 |
|     |                     |  | 1NH18EC709 |
|     |                     |  | 1NH19EC410 |
| C12 | Ms.Tessy Tomy       | Third Eye For Blind Ultrasonic Vibrator Glove  | 1NH18EC758 |
|     |                     |  | 1NH18EC759 |
|     |                     |  | 1NH18EC702 |
| C13 | Ms.Mamta B S        | IoT based Smart Helmet   | 1NH18EC751 |
|     |                     |  | 1NH18EC710 |
|     |                     |  | 1NH18EC717 |
| C14 | Dr.A.B. Gurulakshmi | Solar Battery Charger Module   | 1NH18EC724 |
|     |                     |  | 1NH18EC727 |
|     |                     |  | 1NH18EC729 |
| C15 | Ms.Daliya V K       | Measuring Turbidity of water to determine water quality using Aurdino and Turbidity sensor | 1NH18EC752 |
|     |                     |  | 1NH18EC750 |
|     |                     |  | 1NH19EC405 |
| C16 | Ms.Mamta B S        | Wireless Network management using CISCO packet tracer                                      | 1NH18EC142 |
|     |                     |  | 1NH18EC720 |
|     |                     |  | 1NH18EC718 |
| C17 | Mr.Anush G R        | Number Plate Recognition   | 1NH18EC706 |
|     |                     |  | 1NH18EC713 |
|     |                     |  | 1NH18EC737 |
| C18 | Ms.Rama P           |  | 1NH18EC756 |
|     |                     |  | 1NH18EC406 |
|     |                     |  | 1NH18EC705 |
| C17 | Mr.Anush G R        | Number Plate Recognition   | 1NH18EC744 |
|     |                     |  | 1NH18EC753 |
|     |                     |  | 1NH18EC403 |
| C18 | Ms.Rama P           |  | 1NH18EC740 |
|     |                     |  | 1NH18EC147 |
|     |                     |  | 1NH18EC723 |

Engineering

22 Batch

| Name                        |
|-----------------------------|
| B.BHARATH SAI               |
| A,NAGA SESHU                |
| J.CHANDANA                  |
| S.VAMSI KRISHNA REDDY       |
| ANKUSH BHATTACHARYYA        |
| FAIZAL.F                    |
| RAFIULLA KHAN.Z             |
| SETTIPALLI DINESH REDDY     |
| DIVYA SHREE R               |
| DEVIKA K                    |
| SAHANA YELCHURI             |
| SHARANYA K N                |
| HASWITHA P SAI              |
| M DEEPTHI                   |
| NIKITHA NAGARAJ             |
| Priyadas                    |
| Nishanth.surapaneni         |
| Kavyashree .B               |
| Indraja Chirugudu           |
| Harinath reddy .Narapureddy |
| sowmya Guntupalli           |
| K.KABILAN                   |
| C KEERTHI                   |
| J AKHIL KUMAR               |
| SOURABH SRIKUMAR            |
| A Hemanth Reddy             |
| B V Sai Rathan Teja         |
| Santhosh H M                |
| Rajashekar Reddy T V        |
| KIRAN JANGID                |
| R MERVIN FRANCIS            |
| NAGARATNA NAIK              |
| S SHARAN                    |
| MANOJ N                     |
| ADITYA JAKKARADDI           |
| RAJEEV KUMAR                |
| K.JAGADEESH                 |
| T.SHIVAKUMAR                |
| T.RAVITEJA                  |
| Pendyalavamsikrishna        |
| NIKHIL A BHINGE             |

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| 10 | 5 | 5 | 4 |
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|                          |
|--------------------------|
| KUSHAL VARMA             |
| CHANDRASHEKHARAIH M      |
| NAYANKUMAR K C           |
| VARUN M R                |
| YOGESH O M               |
| AMOL PATIL               |
| S.ASHISH KUMAR           |
| DEEPIKA T                |
| ISABELLA PAUL            |
| KAVYA S                  |
| LINGESH T                |
| M.JAHNAVI                |
| SWATHI.A                 |
| SUBHASHINI.S             |
| PADMAVATI S NARAYANAPUR  |
| U.CHARLES                |
| K GANESH KUMAR REDDY     |
| J MAHENDRA               |
| B THARUNESWAR REDDY      |
| Gopavaram Vaidhika Reddy |
| Pundukura Ramesh         |
| Ujival Prakash           |
| Sanjay D E               |
| Bala Harsha Vardhan      |
| S Venkata Yeswanth Reddy |
| Thippasamudram Afrid     |
| Kishan K S               |
| Rahul A                  |
| Yogesh V                 |
| Karthikeya M             |

