# DON BOSCO INSTITUTE OF TECHNOLOGY, MUMBAI
## DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

## B.E. PROJECT (STAGE I (ETP701) & STAGE II (ETP801))
### B.E. PROJECT ALLOTMENT 2018-2019

| BE Project Group No. | Roll No. | Name of the Student | Project Topic Alloted | Project Guide |
|---|---|---|---|---|
| 1 | 21 | LANDE MANISH DILIP SHOBHA | Design and Anlaysis of Low Voltage Nanoscale Low Power Dual Tail Comparator | Dr. Sudhakar Mande |
| | 47 | PATEL SAHIL SIRAJ SHIRIN | | |
| | 55 | RAINA ROMAEL PREHLAD HARMEET | | |
| | 75 | CHAUHAN RISHABH SHIVKUMAR BABITA | | |
| 2 | 25 | MANE OMKAR SANTOSH BHARATI | Design and Analysis of CMOS Nanoscale Two Stage Operational Transconductance Amplifier (OTA) | Dr. Sudhakar Mande |
| | 26 | MANGLURKAR KAUSTUBH DINESH DARSHANA | | |
| | 58 | SALIAN ADITYA RAVINDRA BHARATHI | | |
| | 65 | SHENDE SHUBHAM NAMDEO MANGALA | | |
| 3 | 17 | /KOTIAN AISHWARYA ARUN VRINDA | Design and Implementation of Advanced Water Quality Testing System | Ms. Madhavi Pednekar |
| | 27 | MANIKADE VISHAL MALLIKARJUN SHOBHA | | |
| | 28 | /MANSURI RAKSHANDA MOHMMED MAHMOOD | | |
| | 64 | /SHELAR RUTUJA SANTOSH SMITA | | |
| 4 | 11 | JAGDALE RAHUL SANJAY SHOBHA | Implementation of Decimator and Interpolator for multirate signal processing using FPGA | Ms. Lakshmi V |
| | 45 | PANDEY AMIT SHEOKUMAR MEENA | | |
| | 62 | SHAIKH MAAZ AHMED NIYAZ MOHD ZAHIDA | | |
| | 68 | SINGH ONASVI BHUPENDRA HEMA | | |
| 5 | 9 | EZHUTHACHAN RAVEEN RADHAKRISHNAN | Energy Usage monitoring of Household Energy | Mr. Jithin Isaac |
| | 31 | /MEHRA TANUJA DILIP HEMA | | |

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|---|---|---|---|---|
| 5 | 32 | /MENACHERY JENIFER ANTONY MILBIE | Household Energy meters using LoRaWAN technology | Mr. Jithin Isaac |
| | 33 | MORE AMEY CHANDRAKANT HEMA | | |
| 6 | 36 | /NADAR JENNY ARULRAJ ANITA | To design and implement an autonomous robot with PID controlled line following algorithm and its subsystems. | Mr. Yogesh Gholap |
| | 37 | /NAIR RACHITA RAVINDRAN BINDU | | |
| | 38 | /NAIR SHREYA SASIDHARAN BINDU | | |
| | 46 | /PARIDA MRINALI PRASANTA SANJUKTA | | |
| 7 | 43 | PANCHAL RAHUL SHASHANK SMITA | To design and implement pneumatic based, manually controlled pick and place robot and its subsystems | Mr. Yogesh Gholap |
| | 44 | PANDE ATHARVA MILIND VAISHALI | | |
| | 48 | /PATIL SANJANA ANIL SHRUTI | | |
| | 67 | SHRUNGARPAWAR VEDANT VILAS VANDANA | | |
| 8 | 18 | KOUL NAMAN RAVINDER SUSHILA | Fuel Level Sensor (In Collaboration with QD-Net) | Ms. Gejo George & Ms. Poonam C |
| | 19 | KUMAR ANKUSH RAMESH SINGH PUSHPA | | |
| | 41 | /PALLICHANPARAMBIL EDLYN WESSELY | | |
| | 61 | SEQUEIRA ALDAN ARCHIBALD SUNITHA | | |
| 9 | 5 | CHOUDHURY SOUMYAPRAKASH | Design & Development of Water Flow meter (In collaboration with QD Net) | Ms. Freda Carvalho & Ms. Ashwini K |
| | 7 | DILSHAD AHMAD SHAHABUDDIN TANVEER | | |
| | 39 | NAIR SREERAJ BABURAJAN LATHA | | |
| | 49 | PATRO SIDDHARTH JAGDISH LILLY | | |
| 10 | 53 | PRAJAPATI NEERAJ BALIRAJ TARA | Low Cost Programmable Data logger (IIT-Bombay) | Mr. Yogesh Gholap |
| | 66 | SHETTIGAR KISHAN JANARDHAN HEMALATHA | | |
| 11 | 30 | /MEHATA SHRUTI SHEKHAR PRIYA | Development of real time data plotting tool based on Arduino | Ms. Lakshmi V |
| | 69 | THARAIL LEO LINUS BEENA | | |

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|---|---|---|---|---|
| 12 | 12 | JEEVAN BENNY MINI | Modular Home Automation System | Mr. Jithin Isaac |
| | 73 | CHITTISSERY JAKSON JOHNSON SHEEJA | | |
| | 74 | /LAD PRIYANKA POPAT | | |
| | | /CHAWDE JANHAVEE RAJIV JYOTSNA | | |
| | | KHAN KHIZAR ANEES SHAHNAZ | | |
| 13 | 10 | HATLE MAHESH SHAMSUNDAR MADHAVI | Info Tech Rover | Ms. Anjum Khan |
| | 42 | PALODHI BISWARUP TRIDIB SUCHANDRA | | |
| | 51 | PEREIRA KYLE KELLY PENELOPE | | |
| | 56 | RAJKUMAR THIRUSELVAM PADMAVATI | | |
| 14 | 13 | JOHN KIRAN KENNEDY MONALISA | Printed Antenna for UNII Devices in 5G Band | Ms. Ashwini Kotrashetti |
| | 15 | KALLOOTHRA ABIN ANTONY MARY | | |
| | 29 | /MARTIS JESICA GILBERT JOYCE | | |
| | 57 | /RODRIGUES ALISHA AUGUSTINE JACINTA | | |
| 15 | 20 | LAGAD VINAYAK RAJENDRA SAVITA | Design and fabrication of a Beam steering antenna | Ms. Freda Carvalho |
| | 34 | MUDALIAR RAJAT ANNANDHAN GEETA | | |
| | 35 | NADAR GLADSON NELSON ROJA | | |
| | 72 | WAINGANKAR SHRIKANT RAMESH POOJA | | |
| 16 | 1 | /BAKDE VINITA VIJAY SUJATA | 5G Network Simulation and Performance analysis in OPNET LTE-A Model along with IEEE 802.15c Model | Ms. Poonam Chakraborty |
| | 2 | /BODAS MANALI MAHENDRA MANSI | | |
| | 4 | /CHOUDHARY SAIMA JAMIL SHAMSHAD | | |
| | 24 | /MADIVALA ARCHANA NAGARAJ AMBIKA | | |
| | 3 | /CHAUDHARI VAISHNAVI YATISH YAMINI | Implementation and | |

| 17 | 16 | KOLI SHUBHAM SHYAMSUNDAR SANGITA | Implementation and Analysis of Energy Efficient Routing Protocol for WSN | Ms. Aparna Telgote |
|---|---|---|---|---|
|  | 23 | LOKE GAURAV NITIN NILIMA |  |  |
|  | 59 | /SATAM SAYALI SANTOSH SHARVARI |  |  |
| 18 | 14 | JUVALE SOHAN NANDKUMAR NETRA | Index Modulation for Next-Generation Wireless Networks | Ms. Namita Agarwal |
|  | 40 | /NIKAM MANSI NILESH NEHA |  |  |
|  | 71 | VIRKAR SAGAR MANSING VAISHALI C |  |  |
|  |  | SINGH ADITYA SURENDRA RAJKUMARI |  |  |
| 19 | 52 | /POL RACHEL TUSHAR KUNJUMOL | Development of a System for Investigation of Characteristics of Speech Signals& Implementation of Speaker Recognition | Ms. Pratibha Dumane |
|  | 54 | /PUROHIT BHOOMIKA VIKRAM DAMAYANTI |  |  |
|  | 60 | /SAWANT DHANASHRI SADANAND URMILA |  |  |
|  | 63 | /SHARMA PRIYANKA SUSHILKUMAR SUSHMA |  |  |
| 20 | 8 | /DSA ROCHELLE CAREN STANISLAUS FLAVIA | Lung Nodule Detection | Dr. Satish Chavan |
|  | 22 | LEWIS KELVIN NOHA VICTORIA |  |  |
|  | 50 | /PEREIRA JOVITA LESLIE THEREZA |  |  |
|  | 70 | THOMAS VICKY VINCENT MARY |  |  |

Jithin Isaac
B.E. Project Coordinator

Ms. Ashwini Kotrashetti
HOD, EXTC