



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
Pulloor, Kariapatti – 626 115
Department of Biomedical Engineering
Final Year Project Details



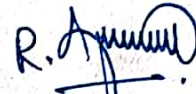
Academic Year - 2017-2021

| Batch No. | Name of the Student | Title of the Project | Guide Name with Designation |
|-----------|---|--|---|
| 1. | ABIRAMI B LABEEBA RUKSHANA BEGUM T S MATHURI M | Classification Of Diabetic Retinopathy's Severity Level Using Local Texture And Edge Feature | Ms.S.S.Aarathi@Priyatharshini, AP/BME |
| 2. | ARCHANA K PARKAVI S ROSHAN SABIHA R | Aff Net: Instant Covid-19 With Interstitial Lung Disease Prediction From Hrct Scan | Dr. R. Arangasamy, Prof, Dean & HoD/BME |
| 3. | ARJUN D GOWTHAM M S SUDHARSAN R R | Smart Vehicle Controlling Using Alcohol Detection With Accident Prevention | Mr.K. Kalanithi, AP Sr. Grade/BME |
| 4. | ARUN KUMAR P KALIDOSS N SABARIVEL R | Smart ICU Bed | Mrs.R.Nageshwari, AP/BME |
| 5. | ARUNKUMAR M SUBASH G VIGNESHWARAN S | Compelled Bodyweight Shift And Knee Support For Elderly People. | Mr.M.Manimaran, AP Sr. Grade/BME |
| 6. | ASLAMSHA M MOHAMED HALIDH A SALAMN FARISI A | Diagnosis Of Obstructive Sleep Apnea And Sudden Cardiac Arrest | Dr. R. Arangasamy, Prof, Dean & HoD/BME |
| 7. | DAMARIS EVELINE A E NANDHINI J ZINTHAKI S | Glaucoma Detection Using Deep Learning | Mrs. R.Vasantharani, AP/BME |
| 8. | DEEPAK G GOKULRAJ. M NAVIN BALAN S | Zero Contact Blood Pressure Detector by using laser | Mr. M. Manimaran, AP Sr. Grade/BME |
| 9. | DHARSHINIPREETHA S SWETHA K THARSHINI M | Smart Neonatal Cardiac Rhythm Irregularities And Temperature Monitor In NICU | Ms.S.S.Aarathi@Priyatharshini, AP/BME |
| 10. | DURGA SWATHI V PARVEEN SULTHANAA F | Embedded Based Bionic Leg For Amputee | Mr.K. Kalanithi, AP Sr. Grade/BME |
| 11. | GANAPATHY RAJA K MUTHUKUMAR M PRABHU S | Miniature Ultrasonic Tooth Extraction Device | Dr.N.Kins Burk Sunil, AP Sr. Grade/BME |
| 12. | JACKULINE S RAKSHANA SANKARI U RIYANA PARVEEN A | Smart Supporting System For Elder And Physically Challenged Persons | Dr. R. Arangasamy, Prof, Dean & HoD/BME |
| 13. | KANIMOZHI K KAVITHA G SIVARANJANI P | An Effective Transfer Learning Based Deep Network For Breast Cancer Detection | Mr.K. Kalanithi, AP Sr. Grade/BME |
| 14. | MOHAMED RASHIK FARITH M MOHAMMED YASIN A MUNSHI S A S | Posture Monitoring Of Bone Dislocation Using Criss Cross Flex Sensor | Dr.N.Kins Burk Sunil, AP Sr. Grade/BME |

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|-----|--|---|--------------------------------------|
| 15. | MOHMMED RAHAMATHULLAH A RAMKUMAR R SENTHIL VELMURUGAN P | Blindness Detection Diabetic Retinopathy | Dr.E.Maheswaran, AP Sr. Grade/BME |
| 16. | MRIDULA G THAANYA DAIYAS S | Automated Covid-19 Detection Tool Using IoT | Dr.E.Maheswaran, AP Sr. Grade/BME |
| 17. | RAJATHI. M SUBA LAKSHMI A FARITHA PARVEEN S | Detection of Hyperkalemia And Hypokalemia By Using E-Textile Integrated Sensors | Mrs.R.Nageshwari, AP/BME |
| 18. | SANTHIYA S SIVAKAMI R M SUMITHA M | Design And Development Of Custom 3D Print Heart Valve Model | Mrs.R.Nageshwari, AP/BME |



Project Co-ordinator
Mrs.R.Nageshwari AP/BME



HoD/BME

HEAD OF THE DEPARTMENT
Department of Biomedical Engineering
Sethu Institute of Technology
Pulloor, Kariapatti- 626 115



SETHU INSTITUTE OF TECHNOLOGY

PULLOOR, KARIAPATTI – 626115

(An Autonomous Institution affiliated to Anna University, Chennai)

B.E BIOMEDICAL ENGINEERING

Academic year: 2020 – 2021 EVEN Semester

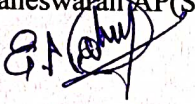
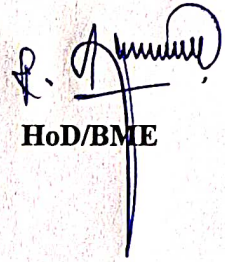
Technical Project

| Batch | Reg. No. | Name of the student | Title | Name of the Guide |
|-------|------------|---------------------|--|-----------------------|
| 1. | 2018111015 | JUHIE S | DEEP BRAIN STIMULATOR | Mrs.R.Nageswari |
| | 2018111022 | MERLIN RENAXY A | | |
| | 2018111023 | MOHANA PREETHA M | | |
| 2. | 2018111012 | HARINI G | BOGUS WOMB (ARTIFICIAL WOMB) | Mr. Manimaran |
| | 2018111008 | GAYATHRI G P | | |
| | 2018111021 | MEERA VARSHINI J | | |
| 3. | 2018111005 | AYESHA A | COMPACT BLOOD INFUSION WARMER | Mrs. Revathi babu |
| | 2018111002 | ABINAYA S | | |
| 4. | 2018111017 | KARPAGAKANI T | OCCULAR TISSUE ENGINEERING | Mrs.R.Vasantharani |
| | 2018111014 | HEMALATHA B | | |
| 5. | 2018111011 | HABIB RAHMAN M R | THERAPEUTIC HYPOTHERMIA BED | Dr. R. Arangaswamy |
| | 2018111001 | ABDUL RAHMAN U M | | |
| | 2018111013 | HARISH B | | |
| 6. | 2018111006 | DHINA ROHITH S | PHYTOCHEMICAL CHARACTERISATION OF Caesalpinia bonduc PLANT (KALARCHIKAI) FOR TREATMENT OF ERHLICH ASCITES CARCINOMA | Mrs.R.Nageswari |
| | 2018111007 | DINESH P | | |
| | 2018111026 | NISANTHKUMAR R | | |
| 7. | 2018111003 | ALTHAF SAMEER S | SCREENING OF TOXINS IN HUMAN BODY | Dr.E.Maheswaran |
| | 2018111016 | KANNAN M | | |
| | 2018111018 | KEERTHAN P | | |
| 8. | 2018111019 | MANI RATHINAM M | LOW COST VENTILATOR | Mrs.R.Vasantharani |
| | 2018111010 | GOWSHICK S | | |
| | 2018111004 | ASHOK M | | |
| 9. | 2018111024 | MUKESH PANDIYAN K | COMPARATIVE ANALYSIS OF FENUGREEK SEEDS, FLAX SEEDS & NIGELLA SATIVA FOR DIABETICS II | Ms.S.S.Aarthi |
| | 2018111020 | MANOJ M | | |
| | 2018111009 | GOPALAKRISHNAN R | | |
| 10. | 2018111048 | TAMIL ARASI S | SUBCUTANEOUS SOLA R CELL IN CARDIAC PACEMAKER | Mr.K.Kalanithi |
| | 2018111043 | SUBHA HARINI P | | |
| | 2018111051 | YOGESHWARI N | | |
| 11. | 2018111039 | SHANMUGA PRIYA R | DESIGN AND DEVELOPMENT OF ECOFRIENDLY BIOPLASTIC FROM BANANA PEELS AND SLUDGE | Mrs.R.Nageswari |
| | 2018111038 | SELVA NIRAIMATHI S | | |
| | 2018111041 | SOWMIYAA M | | |
| 12. | 2018111037 | SATHYA PRIYA S | LOW COST WEARABLE BREAST CANCER DETECTION DEVICE | Mr.K.Kalanithi |
| | 2018111032 | RITHI G | | |
| | 2018111033 | RIZWANA FATHIMA M J | | |
| 13. | 2018111034 | SARANYA G | EARLY DIAGNOSTICS OF PANCREATIC CANCER USING MICROFLUIDIC APPROACHES | Dr.E.Maheswaran |
| | 2018111045 | SWETHA M | | |
| | 2018111042 | SRUTHI I M | | |
| 14. | 2018111029 | RAJASHREE S | DIGITAL STETHOSCOPE | Dr. K. Hemalatha |
| | 2018111046 | SYEDTHALI FATHIMA N | | |

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|-------|------------|----------------------|--|----------------------|
| 15. | 2018111028 | PRAVEEN KUMAR E | ASSISTIVE SHOES FOR VISUALLY IMPAIRED | Dr.N.Kins Burk Sunil |
| | 2018111040 | SIMEER SIDDIQ UMAR M | | |
| | 2018111036 | SATHISHKUMAR S | | |
| 16. | 2018111047 | TAMIL ALAGAN L | NORMAL CLOTH WITH RADIATION PROTECTION | Dr. R. Arangaswamy |
| | 2018111031 | RAJKUMAR M | | |
| | 2018111049 | VEERENDRAN E | | |
| 17. | 2018111035 | SARAVANAKUMAR A | THE DESIGN OF COLOUR DETECTOR FOR VISUALLY IMPAIRED PEOPLE | Ms.S.S.Aarthi |
| | 2018111050 | VIGNESH S | | |
| 18. | 2018111027 | PIRITHIVIRAJAN M S | SMART WALK STICK WITH HEART RATE MONITOR | Dr.N.Kins Burk Sunil |
| | 2018111030 | RAJESHKANNA D | | |

Project Co-ordinators

Dr. E. Maheswaram AP(SG)/BME

HoD/BME