

K.L.N.COLLEGE OF ENGINEERING, POTTAPALAYAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year-2019-2020(EVEN)

Batch: 2016-2020

Sem /Sec: VIII 'A'

Sub Code/Sub: EC6811/ Project Work

Batch/ Sec	Students Name	Domain/Title of the project	Project supervisor	Domain
A1	DEVI BALA M KARTHIGA B FAUMITHAPARVEEN M	Congestion Avoidance and Smart Traffic Control in 5G	Mrs.A.Meena	Network
A2	AJITHA J K ARATI C R JERLIN ANGEL J	Automatic detection of Road accidents by using Spatio-Temporal Video volumes	Dr.P.Karpagavalli	DIP
A3	INDEESWARI G ISHWARYA J J ISHWARYA R	A Machine Learning Approach on detecting Ramp for intelligent Wheelchairs	Mrs.M.Amutha	Embedded System

A4	KARTHIGA DEVI P ANUSIYA K DHARANI DEVI J	Design of Compact Spiral antenna using optimization algorithm	Mrs.T.R.Muthu	Antenna
A5	JEYALAKSHMI V JEYASUMITHA K ISWARYA V	Wideband Compressive spectrum Sensing for Cognitive Radio Networks	Mrs.K.R.Shanthy	Wireless communication
A6	DIVYA R AMRIN Z HARIDHARSINI C	Dual Band low profile circular patch antenna with High gain and side lobe suppression	Ms.L.Meenakshi	Antenna
A7	DHANASEKARAN R ALAGURAJA A ANANDBABU K E SAMUEL R	Dual Polarized patch array with low cross polarization	Dr. R.Jeyanthi	Antenna
A8	HARI PRASATH T JAI T L HARISH HARISH T S J	IOT based Medicine box to assist chronic Patients	Dr.R.Mohankumar	Embedded System

A9	KALAIVANAN KUMAR K GOWTHAM S DHARUN SANGRITHIYAYAN S	Performance Analysis of Improved Data Rate Transmission for wireless transceiver using Li-Fi / Wi-Fi System	Mrs.T.Vidhya	Embedded System
A10	BALAMURALIDHARAN D JEYA BHARATH R DHINESH PANDI K	Image Enhancement and Object recognition for Night Vision Surveillance	Dr.P.Karpagavalli	DIP
A11	ABISHEK L N V AAKASH BABU L K HANSAPPRASANNA M K	Detection of Diabetic retinopathy using SVM classifier	Dr. B. Buvaneswari	DIP
A12	HARIPRASANTH B DEEPAK J S ASWATH R R	A Portable wireless ECG Signal processing and Transfer System	Mr.P.S.Kumaresh	Embedded System
A13	ARISTO R GOWTHAM R V ABILASH A B	LoRa Defense Robot	Dr.N.Janakiraman	Embedded System

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Academic Year-2019-2020(Even)

Batch: 2016-2020

Sem/Sec: VIII 'B'

SubCode/Sub: EC6811/ Project Work

Batch/Sec	Students Name	Title of the project	Project supervisor	Domain
B1	NANDHINI K S VANMATHI T	IC Package level Testing	Dr.V.Kejalakshmi	VLSI-intern project
B2	KISHOREKUMAR G N NIVESH CHAND A S NAVEEN VENKATESH S	Design and the simulation for the high gain of two stage CMOS operational Amplifier circuit	Dr.N.Janakiraman	VLSI
B3	NIRMISH K B MAHARISHE K K RAJA GANAPATHI E RAGU RAMACHANDIRAN R	Livestock Detection using Fully Convolutional Network	Dr.R.Mohankumar	DIP
B4	PRIYADHARSHINI P RAHINI M	Smart Security system for women in alarmed situation using IoT	Mr.P.S.Kumaresh	Networks and Embedded System
B5	MADHUMITHA K R PREETHI S.V	Breast Cancer detection using Neural Networks	Dr.S.Subha	DIP
B6	KARTHIKEYAN M S PRAVEEN N K R MADHU SUDHAN P. RAGESH PERUMAL S	Scheduling the ARM CORTEX M4 board with Real Time operating system	Dr.B. Buvaneswari	Embedded System

B7	MOHAMED FAROOQ S M KARTHIK V G KARTHIKEYAN S PASUPATHI M	Energy Harvesting using Rectenna	Ms.L.Meenakshi	Antenna
B8	MATHUBALA K PRIYADARSINI U KUSHALESHWARI L C	Tracking of Public Transport system	Mr.D.Anand	Embedded System
B9	KOUSHIKA CHITHU SEKAR PUNITHA T S PRADHUSHA C S V PRIYADARSHINI M S	Low Power Schmitt Trigger using Cadence Virtuoso	Mrs.R.Pavithra	VLSI
B10	LAKSHMI PRABHA G KAWYA B P	Low Resolution Facial Recognition	Mrs.R.Pavithra	Embedded System
B11	KIRAN R G KIRUBAKAR C KAVIRAJ A PRAKASH RAJ S	Smart Home With IoT Enabled Home Automation System	Dr.V.Kejalakshmi	Embedded System
B12	MUTHULAKSHMI M PRIYADHARSHINI G	Industrial Hazard Detection Avoidance System	Mr.S.Selvakumar	Networks and Embedded System

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Sem: VIII/C

Sub Code/Sub: EC6811/ Project Work

Batch/Sec	Students Name	Title of the project	Project supervisor	Domain
C1	SAHITYA SONALI T S P SANDIYA S VARSHA R S	Trident Shape Wide Band Fractal Slot EBG for GPS and Mobile Communication	Dr.S.C.Sivaprakash	Antenna
C2	VIGNESH BABU B C VIGNESHKUMAR R K SAIPRASATH R S VENKATESHBABU S G	4G LTE and 5G Antenna for Mobile Applications	Dr.S.C.Sivaprakash	Antenna
C3	RAJHALAKSHMI S SARANYA K SEETHALAKSHMI S	Rural Mobile Charging Station using RFID and Solar Power	Dr.R.Jeyanthi	Wireless communication
C4	SWETHA M R SWETA L K SOLAI LAKSHMI S RANEE GAYATHRI S M K	Protecting Source Location Privacy Against Attackers using DAWN in wireless sensor Network	Mr.S.R.Naresh	Networks
C5	SHUNMUGAPRIYA J TAMIL KODI T SRI ABIRAMI K S	A Machine Learning Approach for Detecting Malicious node	Mr.S.R.Naresh	Networks

C6	SURYA KUMAR R S SANKAR PRABHU S SHANMUGHAPRIYAN S	Joint Power Allocation and Sensing Time Optimization in NOMA Based Cognitive Radio	Mrs.K.R.Shanthy	Wireless Communication
C7	SHOBIKHA V SANTHYA I REVATHI S	Design of Printed Array Antenna for Heart Failure Detection System.	Mrs.T.R.Muthu	Antenna
C8	SNEHA D SUREKHA K	Detecting the Stages of Lung Cancer Based on Multiclass Support Vector Machine	Dr.S.Subha	DIP
C9	ROHINI K SWETHA M YASHINI R	FIR Filter Implementation Using Self-Tunable Approximate Computing on FPGA	Mrs.M.Amutha	VLSI
C10	RIZWANA PARVEEN T KAVITHANJALI V	Design of Textile Antenna using Jean Fabric	Mrs.R.Thilagavathy	Antenna
C11	UMAMAHESWARI K H SAKTHI G A LAKSHMIPRIYA T S	Embedded Based Text to Speech Evaluation	Mr.S.Selvakumar	Embedded
C12	RAMBABU S SHIYAM M YOKESHKUMAR M N	A Miniature Rectangular Patch Antenna Using DGS	Mr.S.Ravisankar	Antenna

C13	THARUN ASHISH RITHU P K RAM PRAVEEN BABU T S PAVITHRAN P	Transactions Using Block Chain Technology	Mrs.R.Thilagavathy	Wireless Communication
C14	VIGNESH T S YOGESH T D G NANTHA K V	Rail to Rail Folded Cascode Operational Trans-conductance Amplifier	Mr.D.Anand	VLSI