

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IV-B.TECH -A-SECTION-PROJECT BATCHES-2021-22

SL. NO	BATCH NO.	NAME OF THE STUDENT	ROLL NO.	GUIDE NAME	PROJECT TITLE
1	A1	B. CHANDANA JYOSHNA DEVI .S GOWTHAMI. P VARSHITH REDDY .B	19705A0403 18701A0448 18701A0438 17701A04F2	K. GIRIDHAR CHAITANYA	UNDERWATER IMAGE ENCHANCEMENT USING COLOR BALANCE AND IMAGE FUSION
2	A2	HEMADRI. G JAYANITHYA .U HANEEF BASHA. D.S HARI KRISHNA. Y	18701A0443 18701A0447 18701A0439 18701A0440	Y. PAVAN KUMAR REDDY	IOT BASED REAL TIME EQUIPMENT CONTROL USING GOOGLE ASSISTANCE
3	A3	KEERTHANA. P FIROZ .S AKHILA. G BANDHAVI .D	18701A0452 18701A0433 18701A0405 18701A0418	Dr. K.PRASAD	INVESTIGATION OF MISSILE SYSTEM AND CONTROL
4	A4	AVINASH .G ANJALI .V BHARGAVA REDDY .M GANGA DEVI .P	18701A0417 18701A0410 18701A0419 18701A0435	S. NAZEER HUSSAIN/ J. HIMA BINDU	LOW POWER RETRNTTIVE TRUE SINGLE PHASE CLOCKED D FLIP FLOP WITH REDUNDANT PRECHARGE FREE OPERATION
5	A5	ASHOK KUMAR REDDY .T AKHILA .S KRISHNA CHAITHANYA .A G. CHARAN KUMAR	18701A0414 18701A0406 18701A0457 19705A0405	S. SIVA KUMAR/ TEJESWINI	A NOVEL LOW POWERNMOS SCHMITT TRIGGER CIRCUIT USING TRANSISTOR STACKING AND VOLTAGE BOOSTSTRAPPING
6	A6	DIVYA SREE .K INDRAKISHORE. P ASLAM BASHA. S KHAJA VALL. D	18701A0430 18701A0444 18701A0416 18701A0453	L.SIVA YAMINI	DESIGN OF OPTIMAL WASTE MANAGEMENT STSTEMUSING IOT AND MACHINE LEARNING IN THE EDUCATIONAL INSTITUTIONS

7	A7	DURGAPRASAD. D JAHNAVI S GANESH. P ANUSHA G	18701A0431 18701A0446 18701A0434 18701A0411	B. PRASANTHI/ Y.SUNANDA	A SECURE AND SMART SINGLE ATM CARD FOR ACCESSING MULTIPLE BANK ACCOUNTS USING ARDUINO
8	A8	BHAVANA. D C. CHAMUNDESWARI FIROZ .M. S A. SAINATH GOUD	18701A0422 19705A0402 18701A0432 19705A0408	Dr. K. RIYAZUDDIN	EFFICIENT DESIGN FOR FIXED WIDTH ADDER TREE
9	A9	DEEPIKA .K ISRA .S HARITHA .P KARTHRUTHRAYA. K	18701A0426 18701A0445 18701A0442 18701A0449	J. HIMA BINDHU	DESIGN AND ANALYSIS OF ULTRA LOW POWER ADIABATIC COMPUTATIONAL SUBSYSTEM BASED ON SYMMETRIC STACKING
10	A10	ARSHIA SHAJARIN. S BHASKAR REDDY. V BHASKAR REDDY.M ANIL KUMAR REDDY.C	18701A0413 18701A0421 18701A0420 18701A0408	Dr.CH. NAGARAJU	ANALYSIS OF CHANNEL ESTIMATION AND DATA DECODING IN MASSIVE MIMO WITH 1-BIT ADCs
11	A11	DINESH KUMAR RAJU.V KIRANMAL. J BHUVANESWAR .G E. KOTESWARA GOUD	18701A0428 18701A0455 18701A0423 19705A0406	M. RAVI KISHORE	BRAIN MRI TUMOR SEGMENTATION USING CONVOLUTION NEURAL NETWORK AND SVM ALGORITHM
12	A12	DINESH KUMAR .U K. CHANDRA SEKHAR DEEPIKA .L KRISHNA VAMSI REDDY.Y	18701A0429 19705A0404 18701A0427 18701A0458	G. SUDHA KIRAN/ DR.CH.NAGARAJU	DESIGN OF QCA BASED XOR/XNOR STRUCTURE
13	A13	K. APARNA AFRIN. S ABHINAV KUMAR REDDY.G KAVITHA .A	19705A0401 18701A0403 18701A0401 18701A0450	G. OBULESU	A NOVEL MULTIMODAL ANATOMICAL MEDICAL IMAGE FUSION USING STRUCTURE EXTRACTION

14	A14	KAVITHA.D G. LAKSHMI PRASANNA AKHILA. C KHALEEL. D	18701A0451 19705A0407 18701A0404 18701A0454	R. MAHESH KUMAR	OPTIMIZATION DESIGN OF ESP8266 SMART HOME USING MQTT PROTOCOL
15	A15	GEETHANJALI .J ANIL KUMAR PALURU .C ASIF. S ARCHANA. S	18701A0436 18701A0407 18701A0415 18701A0412	G. THIRUMALAI AH	SOLAR BASED CARD ELECTRICAL CHARGING POINTS FOR DIVERSIFIED ENERGY LOADS BY USING ARDUINO
16	A16	CHINMAI KURUVA ADI LAKSHMI DEVI GAJJALA KONDAREDDY BHUMIREDDY KUSUMA AMBATI HARI PRASAD MANDA	18701A0425 18701A0402 18701A0456 18701A0459 18701A0441	K. SREENIVASA RAO	ADAPTIVE LOCAL AND REGION LEVEL INFORMATION BASED FCM ALGORITHM FOR IMAGE SEGMENTATION

CO-ORDINATOR

HEAD OF THE DEPARTMENT

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(AUTONOMOUS)**

**DEPARTMENT OF ECE
IV – ECE – B – Section – PROJECT DETAILS**

S.NO	BATCH NO.	H. NO	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE GUIDE
1	B1	19705A0410	MADA NANDA KRISHNA	PAPR AND SER PERFORMANCE ANALYSIS OF OFDMA AND SCFDMA	Mr.G. OBULESU
2		18701A0479	MOHAMMAD ANAS SHAIK		
3		19705A0413	CHANDALURI PAVAN KUMAR		
4		17701A0427	DIVYANJALI GALISETTY		
5	B2	18701A0468	MADHU SUDHAN REDDY KALLURU	PRE-TERM BIRTH CLASSIFICATION USING MACHINE LEARNING ALGORITHMS	Mr.K. NAGANARASIAH GOUD
6		18701A04A8	REVANTH RAJU GOPARAJU		
7		18701A0470	MAHESH AKULA		
8		16701a04E2	VENKATA SAI KRISHNAKUMAR SUNKU		
9	B3	18701A0465	LIKHITHA LALAPETA	DESIGN OF A HIGHLY RELIABLE LOW POWER STACKED INVERTER BASED SRAM CELL WITH ADVANCED SELF-RECOVERABILITY FROM SOFT ERRORS	Mr.M. HANUMANTHU
10		18701A0481	MOHAMMED IRFAN SHAIK		
11		18701A0495	PRAMEELA SAMMETA		
12		17701A0489	PAVAN TEJA REDDY GADI		
13	B4	19705A0416	KUNTLAPALLI REDDEMMA	PERFORMANCE ANALYSIS AND DESIGN WINDOW FOR CHANNEL ESTIMATION OF OTFS MODULATION	Dr.K. RIYAZUDDIN
14		18701A0497	PRAVEEN KUMAR PADIGELLA		
15		18701A04B3	SAI KUMAR NAIK BUKKE		
16		17701A0437	BAPANAPALLI GURU NAVEEN		
17	B5	18701A04B4	SAI RAM MUNAGA	VIDEO RETRIEVAL BY CONTENT USING MACHINE LEARNING	Dr. K. SHANKAR
18		18701A04B2	SAI KIRAN GUDURU		
19		18701A0475	MANISHA AYYAPUSETTY		

S.NO	BATCH NO.	H. NO	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE GUIDE
20	B6	18701A0491	NAVEEN KUMAR KAYALA	CLASSIFICATION OF GOOGLE-PLAY-STORE APPS USING SVM AND KNN CLASSIFIERS - MACHINE LEARNING	Dr. J. CHINNABABU
21		18701A0483	MOULALI PATAN		
22		18701A04A1	RAHUL THONDALADINNE		
23		19705A0411	LEVAKU NARASIMHA MANOJ KUMAR REDDY		
24	B7	19705A0412	SIDDANNAGARI NIROSHA	Estimation of Blind Channel in vehicular visible light communication for High Throughput and High SNR	Mr.S. KARIMULLAH
25		18701A0461	LAVA KUMAR REDDY KANDULA		
26		18701A0498	PRAVEEN KUMAR REDDY REDDAMMAGARI		
27		18701A04B5	SAI SUMANTH GOUD EDIGA		
28	B8	18701A0485	MOUNIKA PALLOLLA LAKSHMI REDDY	Design of BIST Embedded Master-Slave communication using I2C Protocol	Dr. B ABDUL RAHIM
29		18701A0471	MAHESWAR REDDY AKEPATI		
30		18701A04A9	ROHINI KURUBA		
31		18701A0488	NAGA YASWANTH THOTAMSETTY		
32	B9	18701A0463	LAVANYA MUKKAMALLA	AN OPTIMISATION BASED FEATURE FUSION TECHNIQUE FOR DETECTION OF CARDIOVASCULAR DISEASES USING MULTI CHANNEL CARDIAC SOUND SIGNALS	Mr.C. VENKATESH
33		18701A0482	MOHAN KUMAR REDDY KANAKANTI		
34		18701A0487	NAGA SWETHA PULLAMMAGARI		
35		19705A0409	MANGALI NAGANJANEYULU		
36	B10	18701A04A4	RAJESH JADE SREESAILAMURTHY	DESIGN OF LOW-POWER FIR FILTER USING LOOK AHEAD CLOCK GATING AND MULTIBIT FLIP-FLOPS	Mrs.P. SYAMALADEVI
37		19705A0414	KANCHI PAVAN KUMAR		
38		18701A0464	LIKHITHA ADIGOWNI		
39		18701A04A0	RAHUL NAIK VADITHYA		
40	B11	18701A0460	KUSUMA MALLIREDDY	MEDICATION ALERTS AND SUPERVISORY OF HEALTH USING IoT	Ms.V. SAI ANUSHA
41		18701A0484	MOUNIKA MACHIREDDY		
42		18701A0466	LOKESHWARA REDDY GARLADINNE		
43		18701A04A5	RAMAKRISHNA REDDY KUNCHAM		

S.NO	BATCH NO.	H. NO	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE GUIDE
44	B12	18701A0462	LAVANYA DUKKI	IMAGE DEHAZING USING IMPROVED DARK CHANNEL PRIOR AND VANHERK MODEL	Dr. S. FAHIMUDDIN
45		18701A04A7	RAVEENDRA BABU MONAPATI		
46		18701A0477	MARUTHI PRAVEEN SAGABALA		
47		18701A0474	MANASA TURAKA		
48	B13	18701A0473	MAHITHA YAGATEELA	HIERARCHICAL DYNAMIC KEY GENERATION AND SELECTIVE TRANSFORMATION MODEL FOR OPTIMIZED AES BLOCK CIPHER CORE	Mr.S.SIVA KUMAR
49		18701A0489	NAGAVARDHAN BATTU		
50		18701A0478	MOHAMMAD AKRAM SYED		
51		18701A0493	OMPRAKASH REDDY GURUGUNTLA		
52	B14	18701A0476	MANOJ KUMAR PATIL	A NOVEL WIDEBAND MILLIMETRE-WAVE OFDM UPLINK WITH HYBRID RECEIVING TO ANALYZE SPECTRAL EFFICIENCY	Dr. CH. NAGARAJU
53		18701A04A3	RAJESH DASARI		
54		18701A0472	MAHESWARI CHILLA		
55		18701A04A2	RAHUL UPPARA KOWTHALAM		
56	B15	18701A04A6	RATNA KUMARI NARU	GENDER DETECTION USING CONVOLUTIONAL NEURAL NETWORKS ON REAL TIME STREAMS	Dr. K.PRASAD
57		18701A04B0	ROHITH REDDY KANDULA		
58		19705A0415	THATI PRAVALLIKA		
59		18701A04B6	SAI SUMANTH NARADASU		
60	B16	18701A0490	NAVANI RAMAGOWNI	OPTIMAL FEATURE SELECTION-BASED MEDICAL IMAGE CLASSIFICATION USING DEEP LEARNING MODEL IN INTERNET OF MEDICAL THINGS	Mr.M. VENKATADASU
61		18701A0469	MAHABOOB SHAREEF TAKKARI		
62		18701A0496	PRAVALLIKA SAMBATURU		
63		18701A0480	MOHAMMAD SHAIK		

IV. B.Tech - C /Section-Project Details - 2021-2022

S.No	BATCH NO.	H.T. No.	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE GUIDE
1	C1	18701A04F8	KUMETHA VANITHA	DESIGN OF QCA BASED 1-BIT MAGNITUDE COMPARATOR	P SYAMALA DEVI
2		19705A0426	KATTUBADI VIDYA SAGAR		
3		18701A04G5	VINITHA PAPIREDDY		
4		18701A04E6	SUMANTH KUMAR KARIDIBUSHIGARI		
5	C2	18701A04E0	SUDHA KONETI	HIGH SPEED AREA EFFICIENT VLSI ARCHITECTURE FOR THREE OPERAND BINARY ADDER	B RAKESH BABU
6		18701A04E5	SUMANTH GUTAM		
7		18701A04G2	VENU BHARGAV REDDY NOOKA		
8		18701A04D4	SREE LAKSHMI BHAVANASI		
9	C3	18701A04C1	SHILPA BANDI	DESIGN OF QCA BASED BCD ADDER	S JAVEED BASHA
10		18701A04H0	VYSHNAVI ANKIREDDY PALLI		
11		18701A04D0	SOMA SUNDAR REDDY YARAMAREDDY		
12		18701A04E2	SUDHARSHAN KUMAR CHANDU		
13	C4	18701A04E1	RANGA SUDHA RANI	ACCELERATED ADDITION IN RESISTIVE RAM ARRAY USING PARELLEL FRIENDLY MAJORITY GATES	Dr J CHINNA BABU
14		19705A0428	SHAIK YASMEEN		
15		18701A04C7	KARNATI SIVA RAMA KRISHNA		
16		18705A0405	KADIYALA HARSHAVARDHAN		
17	C5	18701A04F5	VAISHNAVI AMAMCHERLA	MULTIMODAL MEDICAL IMAGE FUSION APPROACH USING PCNN MODEL	Y PAVAN KUMAR REDDY
18		18701A04E4	SUDHEESHNADEVI MULA		
19		18701A04C6	SIVA PRASAD MADANAPALLI		
20		18701A04D5	SREENADH REDDY BELLAM		
21	C6	18701A04D2	SRAVANI MALLUGARI	FACE MASK DETECTION USING BOUNDING BOX ALGORITHM UNDER COVID -19 CIRCUMSTANCES	M HANUMANTHU
22		18701A04C0	SHASHANK PAMIDI		
23		18701A04D3	SRAVANI YALLATURU		
24		18701A04F6	VAMSI KRISHNA KOLLU		
25	C7	18701A04F2	THANUJA SRIPATI	DESIGN OF QCA BASED PARITY GENERATOR	M RAVI KISHORE
26		18701A04B8	SANDEEP MALLELA		
27		18701A04E8	SUPRAJA YERRAGORLA		
28		18701A04G8	VISHNU VARDHAN REDDY MALLU		
29	C8	18701A04D8	SUCHARITHA BHUMI REDDY	DESIGN OF REVERSIBLE LOGIC GATES UISNG QCA TECHNOLOGY	S FAYZ BEGUM
30		18701A04G6	VISHALAKSHI KOMMA		
31		19705A0418	BHUPALAM SAINATH		
32		18701A04D6	SREENATH NANABALA		

33	C9	19705A0423	KARAMALLA SWAPNA	WEAKLY SUPERVISED DEEP LEARNING FOR COVID-19 INFECTION DETECTION AND	Dr J CHINNA BABU
34		19705A0427	POKURU YAMUNA		
35		19705A0419	KANALA SANDEEPKUMAR REDDY		
36		18701A04E7	SUMANTH NIMMALA		
37	C10	18701A04B9	SATHWIKA CHAVVA	FULL ADDER WITH LOW POWER HYBRID LOGIC USING A HIGH PERFORMANCE 10-T XOR-XNOR CIRCUIT	P SYAMALA DEVI
38		18701A04F0	SUSMITHA GOVINDU		
39		18701A04G0	VENKATA SAI CHINNARI		
40		18701A04F9	VENKATA PRASAD YADAVALLI		
41	C11	18701A04G7	VISHNU PRIYA D	DESIGN OF HIGH EFFICIENCY FIR FILTERS BY USING FIR FILTERS AND DATA DRIVEN CLOCK	P SYAMALA DEVI
42		18701A04C2	SHIRISHA G		
43		18701A04C9	SIVARAM MALLELA		
44		18701A04G1	VENKATA THARUN REDDY GANDHAM		
45	C12	18701A04F3	UDAYA SREE KOMMA	DESIGN OF RECONFIGURATION BAND PASS FILTER FOR RF COMMUNICATION	K N N GOUD
46		18701A04F1	SWATHI REDDY R		
47		18701A04C8	SIVA SREEKAR Y		
48		18701A04F7	VAMSIKRISHNA RAMAGIRI		
49	C13	19705A0420	TANGUTURI SUBBARAYUDU	RETINAL BOUNDARY SEGMENTATION IN OCT IMAGES USING ACTIVE CONTOUR MODEL	Dr S FAHIMUDDIN
50		18701A04G4	VINAY KUMAR REDDY MALLELA		
51		19705A0424	GOPISETTY VENKATA SUDHARSHAN		
52		18701A04E3	SUDHARSHAN REDDY GALI		
53	C14	18701A04C4	SHYLU SUNKESULA	AN EFFICIENT RETINAL LAYER SEGMENTATION BASED ON DEEP LEARNING REGRESSION TECHNIQUE FOR EARLY DIAGNOSIS OF RETINAL DISEASES IN OCT & FUNDUS IMAGES	L SIVA YAMINI
54		18701A04G9	VIVEKA GANDAVARAPU		
55		19705A0417	JONNALAGADDA SAI DHEERAJ		
56		18701A04D7	SRIHARI NALLAPANENI		
57	C15	18701A04F4	UMA LAKSHMI CHAMANTHULA	DESIGN OF BRAIN TUMOUR SEGMENTATION AND DETECTION METHOD USING NOVEL WELFEL FILTER AND ANISOTROPIC DIFFUSION	Dr K RIYAZUDDIN
58		18701A04D1	SOWJANYA KADIYALA		
59		19705A0425	GEDIDAM VENNELA		
60	C16	18701A04B7	SAIPRASANNA NELAPATI	AN IOT BASED DATA TRANSFER SYSTEM FOR DETECTION AND CLASSIFICATION OF LUNG CANCER USING OPTIMISED TWO CHANNEL CNN TECHNIQUE	C VENKATESH
61		18701A04D9	SUDEEPA YATTAPU		
62		18701A04E9	SUSHMA PANJAGALLA		

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROJECT LIST - IV ECE D

S.N O	NAME OF THEGUIDE	BATC H No.	Student Hall ticket numbers	PROJECT TITLE
1	Dr.CH.Nagaraju	1	18709A0404 18709A0429 18709A0401 18709A0410	Raspberry Pi Based Wireless Notice Board Using Scrolling LED Display
2	M Ravi Kishore	2	18709A0420 18709A0450 18709A0428 18709A0430 19700A0408	Design of T-Flip-flop Based on QCA Technology
3	DR.K.PRASAD	3	18709A0418 18709A0447 18709A0444 18709A0441	Design and simulation of 2x2 microstrip patch array antenna for 5G C-band access point applications
4	M Ravi Kishore	4	18709A0421 18709A0446 18709A0449 18709A0413 19700A0407	Contourlet Transformed Image Fusion Based on Focused Pixels
5	S.Fayaz Begum	5	18709A0419 18709A0403 18709A0448 18709A0434	Analyses of the efficiency of parallel prefix adders
6	Dr S Fahimuddin	6	18709A0408 19700A0404 18709A0412 18709A0453	Multimodal medical image fusion using minimization algorithm

7	K.Sreenivasa Rao	7	18790A0432 18790A0407 18790A0406 18709A0416	Food detection with image processing using convolution neural network
8	Dr S Fahimuddin	8	18709A0440 19700A0405 18709A0437 18709A0436	A novel Bayesian fusion model for IR and visible images with histogram analysis
9	M. Venkata Dasu	9	18709A0426 18709A0424 18709A0427 18709A0415 18709A0435	Detecting the clouds and determining the weather condition, coverage area of cloud simultaneously using CNN
10	R. Mahesh Kumar	10	18709A0417 18709A0431 18709A0425 18709A0405	A Low power OTA for Biomedical Applications
11	Dr. Shankar	11	19700A0410 19700A0401 19700A0409 18709A0422	Hierarchical approximation unit in high radix booth squarer for error Tolerant applications
12	M Ravi kishore	12	18709A0402 18709A0439 18709A0445 18709A0442	Design of QCA based 2×1 multiplexer
13	Shaik Karimullah	13	18709A0433 18709A0443 18709A0414 18709A0452	Optimization of Area and Wire length using Hybrid BPSO Algorithm in VLSI FLOORPLAN and for IC Design
14	V.Sai Anusha	14	18709A0438 18709A0409 18709A0423 18709A0411	Social Distancing Indicator

15	G.Thirumalaiah	15	19700A0402 19700A0403 19700A0406	AN OPTIMISED MOVING OBJECTS DETECTION AND TRACKING USING FCDH ALGORITHM IN VEHICLE MONITORING SYSTEM
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