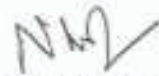# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Projects/Internship/Field visits

AY : 2021 - 2022

Program Code	Program Name	Projects		Internships		Field visits	
		No of projects	Total no. of students	No. of Internships	Total no. of students	No. of Field visits	Total no. of students
021A04	B.Tech – Electronics and Communication Engineering	15	56	3-2 Internships--51 2-2 Internships--05	61 58		
021D14	M.Tech – I&CE	09	16				
021D36	M.Tech –C&C	14	17				

Coordinator

HOD/Director
HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
UCEK JNTUK, KAKINADA

REGISTRAR
J.N.T. University Kakinada
Kakinada-533003

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Kakinada-533003, Andhra Pradesh (India)

Projects

Program Code: 021A04   Program Name: B.Tech – Electronics and Communication Engineering

Year 2020-21

S.No	Student name and Roll Number		Project Title	Guide Name	Dates (Duration)	Organization Location
1	Meka Mounika Pollai Prasanth Avuru Sowjanya Hilton Rolfe	18021A0424 19025A0441 19025A0444 18021A0451	PERFORMANCE COMPARISON OF VARIOUS CODING TECHNIQUES FOR IMAGE COMPRESSION	Dr. S. Srinivas Kumar	2020-2021	JNTUK
2	Korangi Jyothi Yasasvi Tallapragada H S Krishna Priya Devarapalli Sireesha Challapalli venkata srivardhan	18021A0407 18021A0405 18021A0413 19025A0455	CMOS IMPLEMENTATION OF LOW VOLTAGE SUPERCLASS AB OTA WITH VERY HIGH SLEW RATE AND LOW POWER CONSUMPTION	Dr.M Sailaja	2020-2021	JNTUK
3	P Dinesh S SRUTHI B V AKHILA T S SWAROOP	18021A0406 18021A0412 18021A0421 18021A0457	DESIGN OF EFFICIENT MAC UNIT USING DIGITAL MULTIPLIERS	Dr. A. M. Prasad	2020-2021	JNTUK
4	V S Kaushik G Kavya P Subhashini U Durgarao	19025A0445 19025A0440 18021A0414 19025A0457	DROWSINESS DETECTION SYSTEM USING IMAGE PROCESSING IN MATLAB	Dr. B.T.Krishna	2020-2021	JNTUK
5	N Ankitha T Venkatesh B Dinesh Kumar Reddy V Mnajunadh	18021A0402 18021A0420 18021A0442 19025A0450	SIGN LANGUAGE RECOGNITION USING TRANSFER LEARNING	Dr.K.Padma Priya	2020-2021	JNTUK
6	Vikram Kavya Saladi Yashank Battula Sakya Sri Badugu Teersa	19025A0435 18021A0410 19025A0433 19025A0430	Denoising of ELECTROCARDIOGRAM using window filtering and adaptive filtering Techniques	Dr.U V Ratna Kumari	2020-2021	JNTUK
7	Pinnamareddy Nagesh Ram Kumar Pudi Hemanth	19025A0447 18021A0411 18021A0417	OUTAGE PROBABILITY OF THE PRODUCT OF TWO	Dr.P.Vinay Kumar	2020-2021	JNTUK

	Name	ID Number	Project Title	Guide	Year	University
	Chinnam Phoebe Hanumanthu Venkata Sunitha	18021A0426	BEAULIEU-XIE,η-μ,κ-μ, OR α-μ RANDOM VARIABLES			
8	Mohammad Anif Chandrapati Rajasekhar Mamidi Mani Sri Lakshmi Kaldari Alfa Rani	18021A0423 18021A0415 19025A0428 19025A0427	DIRECTION OF ARRIVAL ESTIMATION USING MUSIC ALGORITHM	Dr.K.Rama Devi	2020-2021	JNTUK
9	Kalisetti Sai Sukanya Dande Pradeep Atluri Keerthi Sohana Thuruvala Mahesh	19025A0443 18021A0403 18021A0409 19025A0456	Student behavior recognition using deep learning	Dr.K.Durga Ganga Rao	2020-2021	JNTUK
10	DESIREDDY AMULYA RAVURI MADHURYA CHELLI SAILAJA TUMMALAPALLI TEJA	19025A0448 18021A0422 19025A0434 19025A0454	GN OF IIR DIGITAL DIFFERENTIATOR USING CUCKOO SEARCH OPTIMIZATION ALGORITHM (CSO)AND ITS APPLICATION TO EDGE DETECT	Dr.K.RAJASEKHAR	2020-2021	JNTUK
11	CH.Prameela B Tarun Sai D Bhanu Prakash T Vasudev	19025A0432 18021A0404 19025A0438 19025A0446	Eye Tumor classification using deep learning algorithms	Dr.B.Leela Kumari	2020-2021	JNTUK
12	S.B.N.V.L.S.SAVITRI N.BHULAKSHMI P.Nalanda	19025A0431 19025A0436 19025A0449	Brain tumor detection using image processing techniques	Dr.Ramarakula Madhu	2020-2021	JNTUK
13	Sirasapalli Lakshmi Prasanna Bijigam Sai Mahesh Ravi Teja Etcherla	19025A0429 18021A0416 18021A0418	Design and analysis of 32 bit ALU using reversible logic gates	Smt.P.Pushpalatha	2020-2021	JNTUK
14	Guntaka Anuhya Kallakuri Lakshmi Satya Pranathi Chadala Lakshman Narayana	19025A0439 18021A0452 18021A0419	WATER LEVEL SENSOR AND CONTROLLER USING ARDUINO NANO	Smt.K. Jhansi Rani	2020-2021	JNTUK
15	Mahammad Asif Borra Bhavya Sree Shaik Baji khasim Shahid	18021A0401 18021A0425 19025A0437	Filtering of signals by noise removal using FIR and IIR techniques	Smt.A.Rajani	2020-2021	JNTUK

Performance Comparison of Various Coding Techniques for Image Compression

A project report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

by

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2018-2022

CMOS IMPLEMENTATION OF LOW VOLTAGE SUPERCLASS AB OTA WITH VERY HIGH SLEW RATE AND LOW POWER CONSUMPTION

A Project report submitted on the partial fulfillment of
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A project report on

DESIGN OF EFFICIENT MAC UNIT USING DIGITAL MULTIPLIERS

Submitted

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BACHELOR OF TECHNOLOGY

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DROWSINESS DETECTION SYSTEM USING IMAGE PROCESSING IN MATLAB

A project report submitted in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

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SIGN LANGUAGE RECOGNITION USING TRANSFER LEARNING

A project report submitted in partial fulfilment of the requirements

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A project report on

DENOISING OF ELECTROCARDIOGRAM USING WINDOW FILTERING AND ADAPTIVE FILTERING TECHNIQUES

submitted in partial fulfilment of the requirements for the award of the degree of

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Outage Probability of the Product of Two Beaulieu-Xie, η-μ, κ-μ, or α-μ Random Variables

A project report submitted in partial fulfilment of the requirements for the award of the degree
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DIRECTION OF ARRIVAL ESTIMATION USING MUSIC ALGORITHM

A project report submitted in partial fulfilment of the requirements
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IN
ELECTRONICS AND COMMUNICATION ENGINEERING

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STUDENT BEHAVIOUR RECOGNITION USING DEEP LEARNING

A project report submitted in partial fulfilment of the requirements for the award of degree of

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DESIGN OF DIGITAL DIFFERENTIATOR USING CUCKOO SEARCH OPTIMIZATION ALGORITHM (CSO)AND ITS APPLICATION TO EDGE DETECTION

A project report submitted in partial fulfilment of the requirements for the award of

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A project report on

EYE TUMOUR CLASSIFICATION USING DEEP LEARNING ALGORITHMS.

submitted in partial fulfilment of the requirements for the award of the degree of

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A project report on

BRAIN TUMOR DETECTION USING IMAGE PROCESSING

TECHNIQUES

submitted in partial fulfilment of the requirements for the award of the degree of

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ELECTRONICS AND COMMUNICATION ENGINEERING

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2018-2022

i

DESIGN AND ANALYSIS OF 32 BIT ALU
USING REVERSIBLE LOGIC GATES

A Project report submitted in partial fulfilment of the requirements for the
award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRONICS AND COMMUNICATION ENGINEERING

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(2018-2022)

WATER LEVEL SENSOR AND CONTROLLER USING ARDUINO NANO

A project report submitted on the partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF TECHNOLOGY

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i

FILTERING OF SIGNALS BY NOISE REMOVAL
USING FIR AND IIR TECHNIQUES

A project report submitted in partial fulfillment of the requirements for the award of the
degree of

BACHELOR OF TECHNOLOGY IN

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (AUTONOMOUS)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, KAKINADA-533003, A.P., INDIA

DECLARATION FROM THE STUDENTS

We hereby declare that the project work described in this thesis, entitled *"Detecting COVID-19 With Chest X-Ray Using Pytorch"*, which is being submitted by us in partial fulfilment of the requirements for the award of degree of ***Bachelor of Technology (B.Tech.)*** in Computer Science & Engineering to the University College of Engineering Kakinada (Autonomous), Jawaharlal Nehru Technological University Kakinada, Kakinada – 533003, A.P., is the result of investigations carried out by us under the guidance of Dr. D. HARITHA, Professor of Computer Science & Engineering, University College of Engineering Kakinada (Autonomous), Jawaharlal Nehru Technological University Kakinada.

The work is original and has not been submitted to any other University or Institute for the award of any degree or diploma.

Place: Kakinada   **Signature:**

Date:

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ANUMOLA TARUN KUMAR REDDY [18021A0519]

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ACCIDENT PRONE AREA ALERT SYSTEM
BY CLUSTERING GEOSPATIAL DATA USING DBSCAN

PROJECT REPORT

Submitted

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for the award of the degree of

BACHELOR OF TECHNOLOGY

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FAKE NEWS DETECTION ON SOCIAL MEDIA USING MACHINE LEARNING ALGORITHMS

PROJECT REPORT

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EMPIRICAL ANALYSIS OF CRIME PREDICTION AND

FORECASTING USING MACHINE LEARNING TECHNIQUES

PROJECT REPORT

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AI BASED CHATBOT APPLICATION
AND
PROXIMITY FINDER FOR QUESTION PAPERS

PROJECT REPORT

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IMAGE ENCRYPTION AND DECRYPTION USING LOGISTIC MAPS

PROJECT REPORT

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COVID PRECAUTIONARY MONITORING SYSTEM USING DEEP LEARNING

PROJECT REPORT

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TEXT SUMMARIZATION OF LEGAL DOCUMENTS USING MACHINE LEARNING ALGORITHMS

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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA(AUTONOMOUS)
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KAKINADA – 533003, A.P., INDIA
2021-2022

i

PREDICTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING

PROJECT REPORT

Submitted in partial fulfilment of the requirement

for the award of the degree of

BACHELOR OF TECHNOLOGY

in the faculty of

COMPUTER SCIENCE AND ENGINEERING

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WEBSITE DEVELOPMENT FOR JNTUK UNIVERSITY TO COLLECT THE STUDENT

DATA FROM AFFLIATED ENGINEERING COLLEGES

PROJECT REPORT

Submitted in partial fulfillment of the requirements

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BACHELOR OF TECHNOLOGY

in the faculty of

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KAKINADA-533003, A.P., INDIA

2021-2022

A Project report on

Handwritten Text Recognition System
Deep Using Deep Learning

Submitted in partial fulfillment of the

requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in the faculty of

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KAKINADA – 533003, A.P., INDIA

2021-2022

A

. *project report*

PERFORMANCE ANALYSIS FOR CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING ALGORITHMS

Submitted

in partial fulfilment of the requirements

for the award of the degree of

BACHELOR OF TECHNOLOGY

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KAKINADA-533003, A.P., INDIA
2021 - 2022

i

UCEK MOBILE APPLICATION USING FLUTTER

PROJECT REPORT

Submitted in partial fulfilment of the requirements

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2021-2022

TIME TABLE AUTOMATION USING

FLASK FRAMEWORK

PROJECT REPORT

Submitted

in partial fulfilment of the requirements

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BACHELOR OF TECHNOLOGY

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