ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, VJA-8
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
List of Projects

ACADEMIC YEAR: 2019-20

Batch No.	Student Roll Number	Name of the Project	Project Guide
1	16HP1A0407	AUTOMATIC METAL, PLASTIC, AND OTHER DRY WASTE SORTER AND STATUS ALERT	Mr.Abdul Azeem
	17HP5A0402		
	16HP1A0423		
	16HP1A0413		
2	16HP1A0421	Design of IoT Based Health Monitoring System-A Secured Approach	Mr.Y.Pavan Kumar
	16HP1A0409		
	17HP5A0407		
	16HP1A0426		
3	16HP1A0406	DESIGN AND IMPLEMENTATION OF MILLIMETER WAVE MICROSTRIP PATCH ARRAY ANTENNA FOR 5G MOBILE COMMUNICATION	Mr. S.MALLIKHARJUNA RAO
	16HP1A0422		
	17HP5A0406		
4	16HP1A0418	A Machine learning model for detection of disease and automated grading of Mangoes based on statistical, color and LBP features	Mr. Mohammad Baig
	16HP1A0414		
	17HP5A0408		
5	16HP1A0405	Evalauation of a novel approach for the diagnosis of BMD using CBIR and IOT	Mr. K. APPALARAJU
	16HP1A0411		
	16HP1A0404		
6	16HP1A0420	lCMV and MVDR Beamforming performance enhancement by using PSO algorithm for advanced 5G communication applications	Dr.Lakshmi Narayana Thalluri
	16HP1A0415		
	16HP1A0403		
7	16HP1A0427	Retinal blood vessel segmentation and Identification of Glaucoma using CNN	Mr. G.Roopa krishna chandra
	16HP1A0408		
	16HP1A0428		
8	16HP1A0424	Low latency and efficient lut based multiplier implementation for DSP applications	Mr. M.Rama Krishna
	17HP5A0401		
	16HP1A0401		
9	16HP1A0416	A dehazing benchmark with real hazy outdoor images	K. Srinivas Rao
	16HP1A0417		
	17HP5A0404		
10	16HP1A0419	A Novel Design Of Multi band Plus Shape Slotted Microstrip Patch Antenna For wireless Applications	Mr. Abdul Azeem
	17HP5A0403		

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	17HP5A0405		
11	16HP1A0412	Weather monitoring using AWS Cloud computing	Mr. M.Rama Krishna
	16HP1A0410		
	16HP1A0402		
12	16HP1A0433	Pinnacle Rundown And Newradio Encryption Emphasizing The Host as 5G	Mr. K. Appalaraju
	16HP1A0438		
	16HP1A0451		
	17HP5A0413		
13	16HP1A0437	Predictive Modeling of Air Pollution using Machine Learning models and Neural Networks	Mr. Md.Mohammad Baig
	16HP1A0435		
	17HP5A0411		
	16HP1A0456		
14	17HP5A0409	SMART IOT SYSTEM FOR MONITORING AND CONTROLLING LIVESTOCK PARAMETERS	Mr. YADAVALLI PAVAN KUMAR
	16HP1A0457		
	16HP1A0446		
	16HP1A0429		
15	16HP1A0448	SOIL TESTING AND ANALYSIS OF NUTRIENTS FOR CROP YIELD	Mr. M.RAMA KRISHNA
	16HP1A0432		
	16HP1A0445		
16	16HP1A0442	A NOVEL AND SMART WIRELESS SENSOR NETWORK SYSTEM FOR REAL TIME AQUACULTURE APPLICATIONS	Dr.T.LAKSHMI NARAYANA
	16HP1A0460		
	16HP1A0434		
17	16HP1A0431	Design and implementation of vivaldi antenna	Dr.T.LAKSHMI NARAYANA
	16HP1A0449		
	16HP1A0454		
18	16HP1A0444	Classification of Rice Grains using Machine Learning Techniques	Mr. K.Srinivasa Rao
	17HP5A0410		
	16HP1A0452		
19	16HP1A0447	COMPACT DIVERSITY MIMO ANTENNA FOR SATELLITE COMMUNICATIONS	Mr. G.ROOPA KRISHNA CHANDRA
	16HP1A0440		
	16HP1A0443		
20	16HP1A0453	A CPW Fed Patch Antenna Design for Weather Monitoring,Air Traffic control and Defense Tracking Applications	Mr. S.Mallikharjuna Rao
	16HP1A0459		
	16HP1A0450		

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Batch No.	Student Roll Number	Name of the Project	Project Guide
21	16HP1A0485, 16HP1A0486, 16HP1A0462 16HP1A0483	Implementation of PN learning based compression in video processing	Mrs. B. Santhi Kiran
22	16HP1A0464, 16HP1A0479, 16HP1A0482	EYE DIRECTIVE WHEELCHAIR FOR PHYSICALLY IMPAIRED PEOLPLE	P. KOTESWARA RAO
23	16HP1A0471, 16HP1A0475, 16HP1A0465	Design of broadband printed dipole microstrip patch array antenna	N.Bujjibabu
24	16HP1A0463, 16HP1A0487, 16HP1A0469	Vlsi architecture for zero frequency filter	P.bosebabu
25	16HP1A0481, 17HP5A0418, 16HP1A0472	Smart Water Management Using IoT	M. Rama Krishna
26	16HP1A0467, 17HP5A0417, 16HP1A0470	Multiple person detection and tracking using Convolutional Neural Network	Pranob K Charles
27	17HP5A0415, 16HP1A0461, 16HP1A0480	Simultaneous image encryption and compression using adapative bitplane quadtree based BTC	Pranob k chrles,M.tech
28	16HP1A0476, 16HP1A0473, 16HP1A0468	Product label,obstacle and sign boards detection for visually impaired people	G .Ravi
29	17HP5A0416, 17HP5A0419& 16HP1A0478	HOME AUTOMATION USING RASPBERRY PI, IOT AND ALEXA	Dr.K.Prasanthi Jasmine
30	17HP5A0414 , 16HP1A0477 , 16HP1A0474	Automatic Arduino controlled agribot for multi purpose cultivation	G. VIJAY KUMAR
31	17HP5A0421, 16HP1A0493, 16HP1A04A9	REDUCTION OF HARDWARE TROJAN EFFECT USING MULTIPATH AUTHENTICATION	P. BOSE BABU
32	16HP1A0499, 16HP1A04A1, 16HP1A0496	DESIGN AND IMPLEMENTATION OF BI-DIRECTIONAL COMMUNICATION FOR NORMAL AND CHALLENGING PEOPLE	Santhi Kiran.B
33	16HP1A0498, 16HP1A0490, 16HP1A04A6	DESIGN AND IMPLEMENTATION OF ARTIFICIAL HUMAN HAND MODEL BASED ON EYE BLINK DETECTION.	Dr. K. PRASANTHI JASMINE
34	16HP1A04B5, 16HP1A04B8 & 17HP5A0424	SEMI AUTOMOTIVE VEHICLE USING RASPBERRY	Dr.K.PRASANTHI JASMINE
35	16HP1A0495, 16HP1A04B2,	RECONSTRUCTION OF MISSING INFORMATION IN SATILLITE IMAGERY USING STS-CNN	PRANOB K CHARLES

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	16HP1A0488		
36	16HP1A04A4 , 16HP1A04B0 , 16HP1A04B1	Dgs based ultra wide band antenna for wireless applications	G. Vijaya kumar
37	16HP1A04B3, 16HP1A04B7, 16HP1A04B9	DESIGN AND IMPLEMENTATION OF SMART HELMET USING IOT	P.KOTESWARA RAO
38	16HP1A04A5, 16HP1A0494, 16HP1A04A0	Design and Implementation of Unhealthy Leaves Disease Detection Using Image Processing	B.Santhikiran
39	16HP1A0492, 17HP5A0425	Design and implementation of pesticide spraying robot using IoT	G.Ravi
40	16HP1A0489 , 16HP1A0497, 16HP1A04B4	DESIGN OF WIDEBAND LOW PROFILE ANTENNA FOR 5G APPLICATIONS	N.BUJJI BABU