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Department of Electronics and Communication Engineering

A.Y 2021-22 PROJECT BATCHES LIST

S. No	Reg num	Project Guide	Title of the project
1	18NG1A0441 18NG1A0424 18NG1A0433 17NG1A04C3	Dr. B. Nancharaiah	LINK RELIABLE, TEMPERATURE AND DELAY-AWARE ROUTING PROTOCOL FOR WIRELESS BODY AREA NETWORKS
2	18NG1A0420 18NG1A0454 18NG1A0448 18NG1A0444	Mr.A.Syam Kumar	VIDEO OBJECT DETECTION BY EVALUATING THE OBJECT BLUR AND MOTION AID FEATURE CALIBRATION
3	18NG1A0440 18NG1A0422 18NG1A0407	Mrs.K.Rajakumari	ESTIMATION OF GAUSSIAN NOISE BASED ON HYBRID DISCRETE WAVELET TRANSFORM AND EDGE REMOVAL
4	19NG5A0402 18NG1A0421 18NG1A0446 17NG1A0440	Mrs.D.Siva Padmavathi	AN AUTARCHIC NEURAL NETWORK BASED VEHICLE
5	18NG1A0406 18NG1A0427 18NG1A0429 17NG1A04B2	Mr. Tandle Sreedhar	DETECTION OF SMART PONZI SCHEMES USING SE-CAPSULE NETWORK
6	18NG1A0438 18NG1A0435 18NG1A0413 18NG1A0445	Mr.M.Ravi	1-BIT QUANTIZER WITH MODIFIED FILTER BANKS FOR AN EFFICIENT POWER SPECTRUM SENSING
7	18NG1A0432 18NG1A0404 18NG1A0415	Mrs.Lokireddy Sarala	IMPLEMENTATION OF A ROUTING PROTOCOL FOR COGNITIVE RADIO SENSOR NETWORKS
8	18NG1A0437 18NG1A0401 19NG5A0401 18NG1A0439	Mr P Venkanna	PAAR BASED MOBILE EDGE COMPUTATIONAL NETWORKS FOR SECURE COMMUNICATION
9	18NG1A0434 18NG1A0408 18NG1A0402	Mr.K.Babu Rao	PREDICTABLE CRC CONSTRUCTIONS WITH HIGH ERROR COVERAGE FOR FINITE FIELD MULTIPLIERS

	18NG1A0457		
10	18NG1A0423 18NG1A0410 17NG1A0473 18NG1A0453	Mr.K.Sandeep	CONVERTION OF LOW- LIGHT IMAGES BY APPLYING PAIR OF COMPLEMENTARY GAMMA FUNCTIONS BY FUSION TECHNIQUE
11	18NG1A0418 18NG1A0443 18NG1A0436 17MQ1A0446	Mr.G.Rajesh Babu	LOW LIGHT IMAGE TO HIGH LIGHT IMAGE ENHANCEMENT THROUGH TWO-STAGE NETWORK
12	18NG1A0456 18NG1A0430 18NG1A0449 18NG1A0431	Mrs. G.Sree Lakshmi	CAPACITY PERFORMANCE IMPROVEMENT OF HETEROGENEOUS BATTERY IN A MOBILE EMBEDDED SYSTEMS
13	17NG1A0455 18NG1A0417 18NG1A0409 18NG1A0412	Mrs.S.Tirupathamma	A DESIGN OF COUNTERS AND COMPRESSORS BY SORTING NETWORK
14	18NG1A0442 18NG1A0426 18NG1A0450	Mrs.B.Sneha Latha	AN EFFICIENT MUTIPLY ACCUMULATE UNIT THROUGH INTEGRATION OF ADDITIONS AND ACCUMULATIONS INTO PPR METHOD
15	18NG1A0414 18NG1A0452 18NG1A0419	Mr.K.Bhaskar	DESIGN OF LOW POWER AND HIGH SPEED MULTIPLIER USING POSIT NUMBER SYSTEM
16	18NG1A0447 19NG5A0404 18NG1A0451	Mrs.K.Nitya	DESIGN AND IMPLEMENTATION OF SMART VEHICLE FOR CHILD SAFETY MEASUREMENTS USING AURDINO
17	18NG1A0487 18NG1A0478 19NG5A0406	Mrs.B.Snehalatha	AUTOMATIC LICENCE PLATE DETECTION AND RECOGNITION USING SINGLE NETWORK.
18	18NG1A0467 18NG1A0483 18NG1A0495 18NG1A0458	Dr.V.G.N.S Prasad	DETECTION OF RED BLOOD CELL IN MALARIA DIAGNOSTIC SMEARS USING FASTER RCNN AND UNET
19	18NG1A04A8 18NG1A0488 18NG1A0459 19NG5A0412	Mrs.G.Suneetha	IMPLEMENTATION OF ADVANCED MULTIPLIER FOR FIR FILTER APPLICATIONS USING APPROXIMATE COMPRESSORS
	18NG1A0477		BASED ON SOFTWARE DEFINED CLOUD-

20	18NG1A0489 19NG5A0415 18NG1A0476	Mr.K.Babu Rao	BASED ON SOFTWARE DEFINED CLOUD FOG NETWORKS A MODEL ON DELAY-TOLERANT DATA TRANSMISSION SCHEME
21	18NG1A0461 18NG1A0480 18NG1A0462 18NG1A0499	Mr Y Srinivasa Rao	STUDENT GRADE PREDICTION USING MACHINE LEARNING ALGORITHMS
22	18NG1A04A9 18NG1A04A7 18NG1A04B1	Dr. Ch. Santhi Rani	IMPLEMENTATION OF WAVELET BASED IMAGE AND VIDEO PROCESSING
23	18NG1A0471 18NG1A0484 18NG1A04A6 18NG1A0473	Mr.L.Surendra	DESIGN AND DEVELOPMENT OF WIDEBAND ANTENNA FOR WIRELESS AND BIO-MEDICAL APPLICATIONS.
24	18NG1A0463 19NG5A0405 18NG1A04A4 19NG5A0407	Mr.P.Suresh	A IMAGE SECURITY AND VIDEO WATERMARKING USING CHOTIC SYSTEM
25	18NG1A0469 18NG1A0497 18NG1A0465 19NG5A0408	Mr.G.Rajesh Babu	FACE RECOGNITION ROBUST TO REFLECTING IMAGES
26	18NG1A04A1 18NG1A04B0 19NG5A0416 18NG1A0493	Dr.B.Nancharaiah	CLASSIFICATION OF PNEUMONIA USING PRETRAINED ALEXNET MODEL FROM CHEST X-RAY IMAGES DURING COVID-19
27	18NG1A0492 19NG5A0411 18NG1A0472 18NG1A0498	Mr.M.K.Kishore	IDENTIFICATION OF REAL TIME TRAFFIC IN TUNNELED AND ANONYMOUS USING DEEP LEARNING
28	19NG5A0409 18NG1A0474 18NG1A0496 18NG1A0475	Mrs.K.Nitya	MULTI-LEVEL FEATURE FUSION IN SSD FOR DETECTION OF HUMAN MOVING OBJECTS BY DEEP LEARNING IN REAL-TIME
29	18NG1A04A3 19NG5A0410 18NG1A0470	Mrs.D.S.Padhmavathi	IMAGE DEBLURRING UNDER UNIFORM BACKGROUND
30	18NG1A04A2 18NG1A0479	Mr. E. Rama Krishna Reddy	DESIGNING A MODIFIED VERSION OF THREE STAGE COMPARATOR BY USING 180NM CMOS TECHNOLOGY

	18NG1A04A0	Krishna Reddy	130NM CMOS TECHNOLOGY
31	18NG1A0485 18NG1A0464 18NG1A0491	Mrs. G.Sree Lakshmi	MACHINE LEARNING MODELS FOR DETECTING THE SECURITY LEVEL OF VARIOUS CRYPTOSYSTEMS
32	18NG1A04B3 19NG5A0427 18NG1A04F7 18NG1A04E4	Mr.P.Suresh	A REAL TIME AND REMOTE INTELLIGENT BREATHING RATE AND BREATHING PATTERN
33	19NG5A0421 19NG5A0419 19NG5A0431 18NG1A04D5	Dr. Ch. Santhi Rani	AUTOMATED WALKING GUIDE FOR VISUALLY CHALLENGED INDIVIDUALS TO IMPROVE THEIR MOBILITY
34	18NG1A04F0 18NG1A04D8 18NG1A04D0	Mr Y Srinivasa Rao	DESIGN AND DEVELOPMENT OF METASURFACE ANTENNA FOR WIRELESS LOCAL AREA NETWORKS SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSORFLOW DEEPLEARNING MODEL
35	18NG1A04D2 19NG5A0426 18NG1A04E0	Mr.K.Bhaskar	SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSORFLOW DEEPLEARNING
36	18NG1A04F9 18NG1A04D7 18NG1A04E9 18NG1A04E2	Mr. E. Rama Krishna Reddy	DESIGN OF LOW AREA LOW POWER COMBINATIONAL CIRCUITS USING CNTFET'S
37	19NG5A0432 18NG1A04F2 18NG1A04C6 19NG5A0417	Mr.L.Surendra	DESIGN AND DEVELOPMENT OF NOVEL MINIATURIZED ANTENNA FOR BREAST CANCER
38	18NG1A04C4 19NG5A0429 18NG1A04F4 18NG1A04C9	Mr. Tandle Sreedhar	FPGA IMPLEMENTATION OF HIGH PERFORMANCE ACCURATE AND APPROXIMATE SIGNED AND UNSIGNED MULTIPLIERS USING STRUCTURE OF LUT CONFIGURATIONS ON ARTIX-7
39	18NG1A04E1 18NG1A04E6 19NG5A0422 18NG1A04F3	Mr.M.K.Kishore	DETECTION OF SEVERITY OF AN ACCIDENT BY USING MACHINE LEARNING ALGORITHMS
40	18NG1A04F5 18NG1A04C0 18NG1A04G0 18NG1A04D4	Mrs.K.Rajakumari	SMART AGRICULTURE MONITORING USING FUZZY SYSTEM

41	18NG1A04D6 19NG5A0424 18NG1A04E8 19NG5A0430	Mr.K.Sandeep	DESIGN OF HIGH SPEED MULTIPLIER USING DUAL STAGE 4 :2 COMPRESSOR FOR DSP
42	19NG5A0425 19NG5A0423 18NG1A04G1 19NG5A0435	Mr.A.Syam Kumar	LOW COST AND PROGRAMMABLE CRC IMPLEMENTATION BASED ON FPGA
43	18NG1A04D1 18NG1A04F8 18NG1A04D3 19NG5A0418	Ms. K. Sravani	A LOW COST IOT ARCHITECTURE FOR THE AUTOMATION OF AUTOMOBILES
44	19NG5A0428 18NG1A04F6 18NG1A04C7 18NG1A04B4	Mrs.G.Suneetha	A SECURE AND FINE GRAINED SCHEME FOR DATA SECURITY IN IOT
45	18NG1A04E5 18NG1A04D9 19NG5A0434 18NG1A04C8	Dr.V.G.N.S Prasad	ALZHEIMER'S DISEASE EARLY DETECTION BY USING DEEP LEARNING ALGORITHM'S
46	18NG1A04B6 18NG1A04C2 18NG1A04B2	Mr.M.Ravi	LOW COST,LOW POWER WIRELESS SENSOR NETWORK FOR GROUND WATER
47	18NG1A04C5 18NG1A04B8 18NG1A04C1	Dr. B. Nancharaiah	PORTABLE WIRELESS SYSTEM USES MACHINE LEARNING TO DETECT ARRHYTHMIA

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