

SJC INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Projects 2018-2022 Batch

Sl. NO	PROJECT TITLE	NAME	USN	GUIDE	Projects Classification	PROGRAM OUTCOMES (POs) & PSOs
1	AUDITORY PSYCHOLOGICAL ANALYSIS OF HEALTHY INDIVIDUALS BASED ON AUDIOMETRY AND ABSOLUTE THRESHOLD TEST	ADWAITH P	1SJ18EC001	Dr. S BHARGAVI	SIGNAL AND IMAGE PROCESSING	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
		CHIRAG R RAI	1SJ18EC032			
		JASHWANTH R S	1SJ18EC056			
		JATHIN K A	1SJ18EC057			
2	A SMART CONTRACT BLOCK-CHAIN BASED ELECTRONIC HEALTH RECORD USING DISTRIBUTED LEDGER TECHNOLOGY	ANIL KUMAR T N	1SJ18EC004	CHANDINI A G	EMBEDDED SYSTEM & IOT	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12, PSO1, PSO2
		ANNARAPU TEJESWAR REDDY	1SJ18EC007			
		BAGGIRI HARIKISHAN REDDY	1SJ18EC009			
		KASIREDDY GARI SURYANARAYANA REDDY	1SJ18EC062			
3	COGNITIVE APPROACH FOR MUTE AND PARALYZED PEOPLE TO EXPRESS THEIR WORDS	AKSHITHA KV	1SJ18EC003	MANJULA K	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12
		BHATRAJU SOWMYASRI	1SJ18EC015			
		BHAVANA VN	1SJ18EC016			
		BRUNDA YR	1SJ18EC023			
4	ADVANCED HEALTHY TOILET USING IOT	ANJALI	1SJ18EC005	J B KALAI AH	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12
		HARSHITHA.K	1SJ19EC407			
		NANDINI	1SJ19EC409			
5	WOMEN SAFETY DEVICE USING GPS GSM AND ELECTRIC TASER SYSTEM	ARAVINDA.N	1SJ18EC008	SRIVANI E N	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12
		BHARATH REDDY S.M	1SJ18EC013			
		CHARUNYA G.R	1SJ18EC030			
		HIMA.V	1SJ18EC052			
6	AN EFFICIENT IOT BASED COVID 19 MONITORING SYSTEM USING CNN CLASSIFIERS	BALAJI C S	1SJ18EC011	VISHALA I L	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		BHAVANI S R	1SJ18EC017			
		DEEPTHI B S	1SJ18EC034			
		HARSHITHA S	1SJ18EC051			
7	IMPLEMENTATION OF REAL TIME HAND GESTURE FOR 3D HOLOGRAPHIC DISPLAY USING ARTIFICIAL INTELLIGENCE	BHOOMIKA. R	1SJ18EC018	Dr. S BHARGAVI	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO10, PO11, PO12
		EPPARLA PADMINI	1SJ18EC041			
		K. NIKHILA	1SJ18EC058			
		KAVYA T	1SJ18EC063			
8	POLE CLIMBING ROBOT FOR CONNECTING DISTRIBUTION LINES	CHANDRAKALA M R	1SJ18EC028	VEENA S	COMMUNICATION SYSTEMS	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO10, PO11, PO12
		GREESHIMA T. S	1SJ18EC046			
		SUDHA S V	1SJ18EC157			
		BHARGAVI K	1SJ18EC014			
9	LOW COST OPEN SOURCE VENTILATOR USING ARDUINO	MAHESH GOWDA M S	1SJ18EC081	Dr. SUDHIR P	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7,
		MANOJ.R	1SJ18EC091			
		MANOLASYA.S	1SJ18EC092			

		NELAIAHGARI SAHANA	1SJ18EC103			PO8, PO9, PO10, PO11, PO12
10	AUTOMATED HEALTHCARE SYSTEM FOR PARALYSIS PATIENT	MADHUGIRIPALLI SAILEELA	1SJ18EC080	PARINITHA	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO8, PO9, PO10, PO11, PO12
		ADARSH KUMAR	1SJ18EC087			
		PRAJWAL G R	1SJ18EC117			
		SRIJA REDDY	1SJ19EC420			
11	INTEGRATED SECURITY SYSTEM WITH REMOTE CONTROLLING OF APPLIANCES	CHANDAN N KUNCHI	1SJ18EC027	MANJUNATHA SIDDAPPA	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		GAGAN DEV YADAV K	1SJ18EC042			
		GAHAN R	1SJ18EC043			
		K R DILEEP KUMAR	1SJ18EC059			
12	SMART FOOD MANAGEMENT USING IOT	CHAITHANYA P	1SJ18EC024	SHWETHA V	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO9, PO10, PO11, PO12
		BRUNDA H N	1SJ18EC021			
		GAYATHRI P	1SJ18EC044			
		HMSALEKHA V	1SJ18EC048			
13	SEGREGATION AND TREATMENT OF ORGANIC AND INORGANIC WASTE	BALAKRISHNA A	1SJ18EC012	Dr. BHASKAR S	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO9, PO10, PO11, PO12
		CHANDAN GOWDA S	1SJ18EC025			
		CHARAN KUMAR K	1SJ18EC029			
		NANDEESH N	1SJ19EC408			
14	PREDICTION OF SUITABLE CROPS USING MACHINE LEARNING	R. JITHENDRA	1SJ18EC132	ANIL KUMAR R	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12
		SRICHAMUNDESWAR REDDY	1SJ18EC133			
		SRINIVAS. V	1SJ18EC155			
		VENU. V	1SJ18EC169			
15	A LOW COST MULTI-SENSOR SYSTEM FOR INVESTIGATING THE STRUCTURAL RESPONSE OF BRIDGE	BRUNDA N	1SJ18EC022	Dr. M NAGENDRA KUMAR	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		DHANALAKSHMI Y S	1SJ18EC037			
		HAMSA V	1SJ18EC047			
		JALAJERLA PRAVALIKA	1SJ18EC055			
16	DESIGN OF AUTHENTIC VOTING SYSTEM USING GOOGLE CLOUD	KIRAN S	1SJ18EC064	Dr LEVY M	COMMUNICATION SYSTEMS	PSO1, PSO2 PO1, PO2, PO3, PO4, PO10, PO11, PO12
		LOKANATHAN	1SJ18EC073			
		LOKESH M	1SJ18EC074			
		NAVEEN B	1SJ18EC099			
17	IOT BASED VERTICAL HYDROPONIC MONITORING SYSTEM	BOYA RANGANAYAKULU	1SJ18EC020	SAVITHA M M	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		DEVISETTI NIRANJAN KUMAR	1SJ18EC036			
		HARIJANA SRINIVAS VAMSI	1SJ18EC049			
		ILLURU SIVA MUKESH	1SJ18EC053			
18	COMPUTER VISION FOR FIRE DETECTION AND CONTROLLING	ANIRUDH MK	1SJ18EC075	BHAVANA S	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		MANICHANDRA VR	1SJ18EC089			
		MANNILA DIWAKAR REDDY	1SJ18EC090			
		PRATHAP RAJ P	1SJ18EC123			
19	FLEX AIDED GLOVE FOR IMPAIRED PEOPLE	RAKSHITHA R.S	1SJ18EC127	Dr. B N SHOBHA	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9, PO10, PO11, PO12
		SOUJANYA B SUNDARESHI	1SJ18EC152			
		SURAKSHITHA S.R	1SJ18EC160			
		SUSHMITHA V	1SJ18EC161			
20	ADVANCED SECURITY SURVEILLANCE WITH	NELSON V I	1SJ18EC104	MANJUNTH	SIGNAL	PSO1, PSO2 PO1, PO2, PO3,
		PRASHANTH KUMAR	1SJ18EC121			

	INSTANT IMAGE RECOGNITION	G B		A SIDDAPPA	AND IMAGE PROCESSING	PO4,PO5, PO9, PO10,PO11, PO12
		MOUNICA V	ISJ18EC190			
		PRATHIMA S	ISJ19EC416			
21	AMERCEMENT FOR TRAFFIC VIOLATION AND INSTINCTIVE TRAFFIC CONTROL FOR AMBULANCE	KOKILA C	ISJ18EC066	PARINITHA J	VLSI	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5, PO10,PO11, PO12
		LEKHANA N	ISJ18EC071			
		LIKITH C N	ISJ18EC072			
		NATARAJ B	ISJ18EC098			
22	CAMOUFLAGE MILITARY ROBOT	KUSUMA M P	ISJ18EC069	RAVIKIRAN R	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO9, PO10,PO11, PO12
		NAYANA B V	ISJ18EC101			
		NAZIA	ISJ18EC102			
		NIKITHA K	ISJ18EC105			
23	IOT BASED SMART CRADLE WITH MOBILE APPLICATION FOR BABY CARING	MANOSH GOWDA M	ISJ18EC094	NIRMALA DEVI A C	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, PO8,PO9, PO10,PO11, PO12
		NANDISH LR	ISJ18EC097			
		PRADEEP S MALI	ISJ18EC115			
		PRAJWAL LM	ISJ18EC118			
24	AUTOMATED OVERHEAD TANK CLEANING SYSTEM	MALASHREE M	ISJ18EC084	SHREEHARI	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4, PO9,PO10, PO11,PO12
		MANORAMA M C	ISJ18EC093			
		MEGHANA C	ISJ18EC095			
		NIRMALA BAI N	ISJ18EC106			
25	AUTOMATIC UNAUTHORIZED PARKING DETECTOR WITH SMS NOTIFICATION TO OWNER	SANDEEP H	ISJ18EC136	NIRMALAD EVI A C	COMMUNI CATION SYSTEMS	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO10, PO11,PO12
		SANDEEP S	ISJ18EC138			
		SANTOSH M R	ISJ18EC143			
		SAGAR K	ISJ18EC135			
26	MOBILE VEHICLE FOR CROP NOURISHING FRAMEWORK USING ARDUINO	RUCHITHA G	ISJ18EC134	ANIL KUMAR R	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO9, PO10,PO11, PO12
		SHARANYA R	ISJ18EC146			
		SIRISHA K N	ISJ18EC149			
		SNEHA Y S	ISJ18EC151			
27	PREPAID COFFEE DISPENSER WITH BIOMETRIC RECHARGE USING FINGER PRINT MODULE	RASHMI R	ISJ18EC131	VISHALA I L	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, PO8,PO9,PO10, PO11,PO12
		YASHASWINI.K.L	ISJ18EC187			
		NISHCHITHA.K	ISJ19EC411			
		SINDHU.M.K	ISJ16EC124			
28	HYDROPONICS FARMING USING DUAL AXIS SOLAR TRACKING SYSTEM	YASHAS G	ISJ18EC184	SHWETHA V	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO10, PO11,PO12
		YASHIKA PRIYADARSHINI D V	ISJ18EC188			
		YOGITHA J R	ISJ18EC189			
29	MANHOLE AND SEWAGE SNAG DETECTION	KUNAMANENI LKIHITHA	ISJ18EC067	Dr. BHASKAR S	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO10, PO11,PO12
		MALAPURAM SREELEKHA	ISJ18EC086			
		MUPPAGOUNI HARSHAVARDHAN	ISJ18EC096			
		PEDDAPULI SAIKIRAN	ISJ18EC111			
30	VICTIM RESCUE FROM OPEN BOREWELL	SPARSHA S REDDY	ISJ18EC153	RAVIKIRAN R	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, PO10,PO11,PO1 2
		SWAGATH.M	ISJ18EC162			
		T.VISHNUSREELATH A	ISJ18EC164			
		VINOD.M	ISJ18EC180			

31	AUTOMATIC VEHICLE SPEED CONTROL IN RESTRICTED ZONES AND POT HOLE DETECTION	ANANDA V	ISJ19EC402	SAVITHA M M	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO10, PO11,PO12
		HARISHBABU V	ISJ19EC406			
		PAVAN N	ISJ19EC412			
		SHIVASHEKARA P	ISJ19EC418			
32	LOW -COST PULSE OXIMETER USING ARUDINO NANO	ANJALI. A. M	ISJ18EC006	MOHAN BABU C	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO10, PO11,PO12
		SUBHASHINI B. N	ISJ18EC156			
		BABU K	ISJ19EC404			
		PRASHATH. M	ISJ19EC415			
33	COMPUTING VOLUMETRIC WATER FLOW RATE AND STORING THE DATA IN WEBSITE	MANASA C	ISJ18EC088	RAVI M V	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO10, PO11,PO12
		NISARGA Y P	ISJ18EC107			
		PAVANI K N	ISJ18EC110			
		POOJA M	ISJ18EC113			
34	DOOR SECURITY SYSTEM BY FACE RECOGNISATION USING ESP-32 CAM	SANGEETHA GL	ISJ18EC140	Dr C RANGASWAMY	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7P O8,PO9,PO10, PO11,PO12
		SINDUSHREE	ISJ18EC148			
		TEJASWINI CL	ISJ18EC165			
		VANI S	ISJ18EC171			
35	ACUMEN E-NOISE FOOD WASTE MANAGEMENT SYSTEM	RAMYA KS	ISJ18EC129	Dr. B N SHOBHA	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO6,PO8, PO9,PO10, PO11,PO12
		SANDYA KC	ISJ18EC139			
		SANTHOSH K	ISJ18EC142			
		VAISHALINI BV	ISJ18EC170			
36	GOODS TRACKER AND THEFT DETECTION SYSTEM	KARTHIK K	ISJ18EC060	MOHAN BABU C	COMMUNICATION SYSTEMS	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, PO8,PO9,PO10, PO11,PO12
		NAVEEN B	ISJ19EC410			
		UMITH TC	ISJ19EC421			
		SOMESHA PR	ISJ19EC419			
37	INEXPENSIVE EKG SYSTEM WITH NOISE SUPPRESSION	MADHU.V	ISJ18EC079	SRIRAMU D S	VLSI	PSO1, PSO2 PO1,PO2,PO3, PO4 ,PO9,PO10, PO11,PO12
		PRAKRUTHI.M.C	ISJ18EC119			
		PRAPULLA.M.S	ISJ18EC120			
		RADHIKA.S.N	ISJ18EC126			
38	LIVESTOCK HEALTH MONITORING SYSTEM USING IOT	SANJAY G	ISJ18EC141	RAVI M V	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, ,PO9,PO10,PO11 ,PO12
		SANTHOSH R	ISJ18EC144			
		SIRISHA V	ISJ18EC150			
		VARSHITHA C R	ISJ18EC173			
39	DESIGN AND ANALYSIS OF PHASED ARRAY ANTENNA FOR 5G	SAVALA LINGESH REDDY	ISJ18EC145	ANITHA C	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO11,PO12
		SWAMI PHANINDRA KUMAR	ISJ18EC163			
		TEJUS D	ISJ18EC167			
		RAJESH Y N	ISJ19EC417			
40	IMPLEMENTATION OF VEHICLE MONITORING AND ACCIDENT DETECTION SYSTEM USING IOT	VARSHA SINGH V	ISJ18EC172	MADHUKA RA S	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO10,PO11, PO12
		VEENA M	ISJ18EC174			
		VIDYA V	ISJ18EC176			
		VIDYA SHREE M	ISJ18EC178			
41	ADVANCED GADGET FOR COVID CRISIS USING IOT	VIJAY D G	ISJ18EC179	VEENA S	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO10, PO11,PO12
		UJWAL GOWDA Y R	ISJ18EC168			
		VYSHAK H C	ISJ18EC182			
		YASHAS K S	ISJ18EC185			
42	SMART ECG DEVICE	RAKSHITHA.T.P	ISJ18EC128	MANJULA K	SIGNAL AND IMAGE PROCESSING	PSO1, PSO2 PO1,PO2,PO3, PO10,PO11,PO12
		RANJAN GOWDA.B.R	ISJ18EC130			
		SRIKANTH.D	ISJ18EC154			
		TEJASWINI.K	ISJ18EC166			

				G		
43	ON-BOARD VEHICLE DIAGNOSTICS AND REPORTING SYSTEM	M.SREE HARI	1SJ18EC076	SHREEHARI	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO6, PO8,PO9,PO10, PO11,PO12
		MACHANURU NAVEEN	1SJ18EC077			
		MAHESH REDDY HL	1SJ18EC082			
		MAKAM SUPREETHI	1SJ18EC083			
44	DETECTION OF FAT IN MILK USING PHOTOCONDUCTIVITY AND COLOUR DETECTION TECHNIQUE WITH IOT MONITORING	MADAN GOWDA C	1SJ18EC078	MADHUKA RA S	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO7, PO8,PO9,PO10, PO11,PO12
		NAYAN A	1SJ18EC100			
		PRADEEP J	1SJ18EC114			
		PRAVEEN KUMAR V	1SJ18EC124			
45	VIRTUAL MOUSE AND KEYBOARD USING MACHINE LEARNING	SANDEEP S	1SJ18EC137	SRIVANI E N	COMMUNI CATION SYSTEMS	PSO1, PSO2 PO1,PO2,PO3, PO4,PO5,PO10, PO11,PO12
		SUNIL S	1SJ18EC158			
		SUNIL KUMAR M	1SJ18EC159			
		VENU G	1SJ18EC175			
46	IOT BASED HOME AUTOMATION	KIRANA C	1SJ18EC065	PRASANNA KUMAR D C	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO10,PO11, PO12
		BABU TN	1SJ19EC405			
		PAVITHRA C	1SJ19EC413			
		VIDYASHREE B S	1SJ18EC177			
47	IOT BASED SMART VEHICLE CHARGING AND BILLING SYSTEM	PRADYUMNA TRIPATHI	1SJ18EC116	RAME GOWDA M	EMBEDDED SYSTEM & IOT	PSO1, PSO2 PO1,PO2,PO3, PO4,PO10,PO11, PO12
		PRASHANTH M	1SJ18EC122			
		SIMBYREDDY B A	1SJ18EC147			
		GOVARDHAN REDDY N V	1SJ18EC045			

for

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