

**Karnataka State Council for Science and Technology**  
Indian Institute of Science campus, Bengaluru

**44th Student Project Programme**  
**Online Evaluation**

**Session 1**

**Date: 6th August 2021**

**Time:9.30 am**

**DIGITAL ELECTRONICS AND COMMUNICATION**

Sl. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS	STUDENT CONTACT NO:
1	44S_BE_1921	SYNTHESIS AND CHARACTERIZATION OF METAL OXIDE NANOCOMPOSITES FOR SUPER CAPACITOR APPLICATION	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. GAYITRI.H.M	Mr. CHANDRAKANTH.K.N Mr. IRAM HASAN	9538582643 8904016498
2	44S_MTECH_058	DESIGN AND DEVELOPMENT OF INTENSIVE AQUACULTURE SUPERVISING MODEL FOR CICHLIDAE FISH FAMILY	M.S. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. C. G. RAGHAVENDRA	Mr. AJAY	9611529834

**ELECTRONICS AND COMMUNICATION ENGINEERING - 2**

3	44S_MTECH_021	DESIGN AND EXPERIMENTAL VALIDATION OF SIMULATION PLATFORM FOR LI ION BATTERY	B.M.S. COLLEGE OF ENGINEERING, BENGALURU	Prof. B S NAGABHUSHANA	Ms. BHAGYASHREE P HAJERI	7892426945
4	44S_MTECH_083	E-FARMING USING IOT AND CLOUD COMPUTING	B.M.S. COLLEGE OF ENGINEERING, BENGALURU	Dr. JAYANTHI K MURTHY	Mr. SIDDANTH B C	8884345061

**VLSI DESIGN AND EMBEDDED SYSTEMS - 1**

5	44S_MTECH_012	DESIGN OF ADVANCED ENCRYPTION STANDARD SYSTEM FOR DATA ENCRYPTION AND DECRYPTION USING FPGA	R.V. COLLEGE OF ENGINEERING, BENGALURU	Dr. ABHAY A DESHPANDE	Mr. BHARGAV BHAT	9986389471
---	---------------	---	--	-----------------------	------------------	------------

**ELECTRICAL AND ELECTRONICS ENGINEERING - 18**

6	44S_BE_0099	SOLAR REFRIGERATOR FOR PORTABLE REFRIGERATION	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. VINOTH KUMAR K	Mr. M SAI RAGHURAM AMOGH Ms. K SHRIYA REDDY Mr. K SAI HEMANTH REDDY Mr. THAMIMULLA	6363895249 8553774994
---	-------------	---	---	--------------------	---	--------------------------

7	44S_BE_0101	IMPLEMENTATION OF SMART E-VEHICLE CHARGING STATION POWERED BY RENEWABLE ENERGY	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. VINOTH KUMAR K	Mr. VINITH G A Ms. PRAGATHI PRAKASH Ms. MEGHANA I L Ms. DIVYA S V	9980836968 8095789739
8	44S_BE_0102	A COLLABORATIVE ROBOT TO SERVE PATIENTS AND TO COLLECT INFECTIOUS WASTAGE AT THE ISOLATION WARD.	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SINGARAVELAN A	Mr. P SRIDARAN Ms. POOJA V Mr. SRIRAM SP Ms. SARIKA M	9353332574 7019131996
9	44S_BE_0104	A NOVEL FAULT TOLERANT SOLUTION FOR UNDERGROUND TRANSMISSION SYSTEM MONITORED BY GSM	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. ROOPA C	Ms. VANDITA MANOHAR Mr. MUHAMMAD MAAZ	9901331937 9886135493
10	44S_BE_0116	RECYCLED UVC STEILIZER	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. GUNA PRIYA B	Mr. THOMAS ALLWIN ANTO Mr. ABHILASH MITHARE	+919148249642 +918310472883
11	44S_BE_4207	AUTOMATED WATERING SYSTEM FOR IRRIGATION USING POROUS PIPE	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. NAGARAJ M J	Mr. HARSHA G L Ms. PRATHIBHA A S Mr. SURAJ P G Mr. RAKSHIT KUMAR S A	8277943999 9591992789
12	44S_BE_2486	VEHICLE ACCIDENT ALERT SYSTEM USING GSM, GPS AND MEMS	P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	Prof. CHANDRASHEKHAR S	Mr. AMBRESH DUGGI Mr. PUNEET PAWAR Ms. BHAGYAJYOTI HUGAR Ms. SAVITRI PADASALAGI	9902127273 8217804141
13	44S_BE_1032	GENERATION OF ELECTRICITY USING PLASTIC WASTE	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mr. KIRAN M R	Ms. HARSHITHA S P Ms. DEEPA Ms. VASUNDHARA B V Ms. SINDHU N K	8217393161 9035715583
14	44S_BE_2446	DESIGN AND IMPLEMENTATION OF SOLAR BASED MOTORIZED CONTROL OF 11KV ISOLATOR	PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE	Prof. MADHVARAJA.k Prof. JAI JAGADEESH.O	Ms. HAKEEM UMME FARWA Ms. RAFIYA FIRDOUS Ms. ANUPAMA.U Mr. AVINASH HM	9742959519 9353457902
15	44S_BE_4035	OTP BASED CIRCUIT BREAKER FOR LINEMAN SAFETY AND MAINTENANCE	PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE	Prof. PRAKASHA S	Ms. PREETHI PATIL Ms. PRIYANKA Ms. RAGINI K C Mr. S PRAMOD KUMAR	7625007422 7899171603
16	44S_BE_0535	SMART MIRROR	R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	7975496490 8105149821

17	44S_BE_1377	AUTOMATED WASTE SEGREGATOR	RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	Mr. ALADALLI SHARANABASAPPA	Ms. JAYALAKSHMI B K Ms. ISHRATH FATHIMA Mr. GHOUSE PEER Ms. JYOTHI PRABHA L.G	9113226694 9886945924
18	44S_BE_1768	SMART ELECTRIC CART FOR STREET VENDORS	RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	Mr. LINGANAGOUDA R	Mr. K V MANOJ KUMAR Mr. MOHAMMAD MOEIZ AHEMAD Mr. AJAY KUMAR.C Mr. AKASH.S	8971033422 7795044152
19	44S_BE_2960	DEVELOPMENT OF IOT AND GSM BASED ALERTING HEALTH MONITORING SYSTEM FOR RURAL INDIA POST COVID - 19	REVA UNIVERSITY, BENGALURU	Mr. ADITHYA BALLAJI Mr. MANISH BHARAT	Mr. PRATYUSH KUMAR PANDA Ms. VINUTHA C Ms. VAISHNAVI NAIR Ms. SUCHITRA K S REDDY	8618897738 7022648589
20	44S_BE_2961	WEATHER PARAMETER AND POLLUTION LEVEL EXTRACTION USING IOT FOR VARIOUS TRAFFIC NODAL POINTS WITH SOLAR CHARGING	REVA UNIVERSITY, BENGALURU	Mr. MANISH BHARAT Mr. ADITHYA BALAJI	Ms. SUSHMITA D	9148317325
21	44S_BE_0877	PERMANENT ELECTROMAGNETIC BED	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. BASAVARAJ HUGAR	Mr. RUTURAJ M. PAWAR Ms. GHINA TARANNUM JATTI Ms. SANIYA JAMADAR	8904120691 8197404315
22	44S_BE_2898	SOLAR POWERED AERATOR	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. AMULYA H G	Mr. PURUSHOTHAM S Ms. ANANYA K P Ms. PRAKRUTHI J	8310066026 7353195209
23	44S_BE_2900	DESIGN AND IMPLEMENTATION POWER WALL	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. PRAVEEN B R	Ms. SWATHI BUDIHAL Ms. THRISHIKA M B Ms. BHAMINI M	8618647595 8762349304