

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012

46th series of Student Project Programme (SPP): 2022-23

**State Level Seminar and Exhibition on 11th and 12th August 2023 at
Alva's Institute of Engineering and Technology, Moodubidire**

Date : 11th August 2023

Time: 10:30 AM

Venue : AIET Auditorium, Alva's Institute of Engineering and Technology
Shobhavana Campus, Mijar, Moodubidire

INAUGURAL FUNCTION

10:30 AM - 10:35 AM	Invocation
10:35 AM – 10:45 AM	Welcome Address: Dr. U T Vijay <i>Executive Secretary, Karnataka State Council for Science & Technology, Bengaluru</i>
10:45 AM – 10:55 AM	Keynote Address: Prof. Ashok M Raichur <i>Secretary, Karnataka State Council for Science and Technology and Professor, Department of Materials Engineering</i>
10:55 AM – 11:00 AM	Lighting the Lamp by Dignitaries Release of SPP Technical Record and CD – By Hon'ble Speaker, Sri. U T Khader Release of SPP Compendium Website – By Sri. Umanatha Kotian, MLA
11:00 AM – 11:15 AM	Inaugural Address: Sri. U T Khader <i>Hon'ble Speaker, Karnataka Legislative Assembly</i>
11:15 AM – 11:30 AM	Chief Guest Address: Sri. Umanatha Kotian <i>Member of Legislative Assembly, Mulki – Moodubidire Constituency</i>
11:30 AM – 11:40 AM	Presidential Address: Sri. M Mohan Alva <i>Chairman, Alva's Education Foundation</i>
11:40 AM – 11:50PM	Vote of Thanks: Dr. Sudheer Shetty, <i>HOD, ISE, Alva's Institute of Engineering and Technology, Moodubidire</i>
12:10PM – 12:15PM	Inauguration of Students Project Exhibition Stall by Dignitaries
12:15PM – 01:00 PM	Students Seminar initiation and Projects Exhibition visit and interaction
01:00 PM – 01:45 PM	Lunch
01:45 PM – 02:00 PM	Assembling and Meeting of Experts and Juries at Board Room
02:00 PM – 06:00 PM	Evaluation of Students Seminar and Projects Exhibition
06:00 PM – 08:00 PM	Cultural programme at Krishi Siri Vedike, Vidyagiri
08:00 PM onwards	Dinner at Krishi Siri Vedike, Vidyagiri

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, BENGALURU

and

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODUBIDIRE

46th Series - Seminar and Exhibition of Student Project Programme

11th and 12th August 2023

SEMINAR PROJECTS

Friday, 11th August, 2023

Session 1 : 3 Awards
Venue : "SARASWATHI" (Room No. 500), Fifth Floor, AIET Block-B
Chairman : Dr. K. VENKATESWARLU
SENIOR PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

MECHANICAL ENGINEERING (15)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
165.	46S_BE_3764	INVESTIGATION ON EFFECT OF CASTING MOULD ON MECHANICAL PROPERTIES OF AL ALLOYS • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODUBIDIRE
166.	46S_BE_4036	SYNTHESIS AND CHARACTERIZATION OF GRAPHENE REINFORCED COPPER NANO COMPOSITES • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
167.	46S_BE_1845	DEVELOPMENT OF BURNER RIG FOR HIGH TEMPERATURE APPLICATIONS • CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU
168.	46S_BE_1652	MODELLING AND FABRICATION OF IONIC WIND POWERED BOAT • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
169.	46S_BE_1911	EFFECT OF NANO FILLERS ON ADVANCED VACUUM BAGGED KENAF FIBER REINFORCED COMPOSITES FOR AUTOMOTIVE APPLICATIONS • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
170.	46S_BE_2815	DEVELOPMENT OF AN INNOVATIVE WATER-RESISTANCE LAMINATED FOOD PACKING MATERIAL • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
171.	46S_BE_3451	SYNTHESIS OF BIOETHANOL FOR FRUITS AND VEGETABLES RESIDUE • H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU
172.	46S_BE_1826	MECHANIZED ROOT CROP CLEANER • JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI
173.	46S_BE_5035	ENHANCING FLAME RESISTANCE AND MECHANICAL PROPERTIES OF BIO COMPOSITE MATERIALS. • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
174.	46S_BE_3921	DESIGN AND DEVELOPMENT OF SEMI-AUTOMATIC ORGANIC MANURE COMPOSTING MACHINE FOR AGRICULTURAL PURPOSE • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI
175.	46S_BE_4338	DEVELOPMENT OF DYNAMIC AND STATIC WIRELESS CHARGING UNIT FOR ELECTRICAL VEHICLE • K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA
176.	46S_BE_3783	DESIGN AND FABRICATION OF SMART IRRIGATION SYSTEM USING IOT • K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
177.	46S_BE_3826	DESIGN AND CONSTRUCTION OF AN INTEGRATED DOMESTIC ORGANIC WASTE COMPOSTING DEVICE • K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
178.	46S_BE_3502	DESIGN AND FABRICATION OF BATCH FLOW BIO DIGESTER FOR KITCHEN WASTE • K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
179.	46S_BE_2402	ARECANUT HARVESTING AND SPRAYING MACHINE • KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR

MECHATRONICS ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
194.	46S_BE_1436	DESIGN AND IMPLEMENTATION OF A SMART PILL DELIVERY SYSTEM <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
195.	46S_BE_4324	TEMPERATURE MONITORING IN FOOD/PHARMA APPLICATION <ul style="list-style-type: none"> SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU

PHYSICS (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
201.	46S_MSc_155	EVALUATION OF ACOUSTICAL BEHAVIOR OF BORASSUS FLABELLIFER (ICE APPLE) FRUIT HUSK FIBER: AN INNOVATIVE APPROACH TO MAKE USE OF A DOMESTIC WASTE <ul style="list-style-type: none"> MANGALORE UNIVERSITY, MANGALURU

Session 2 :

3 AwardsVenue : **"NARMADA" (Room No. 501), Fifth Floor, AIET Block-B**Chairman : **Dr. PANBARASU**

PRINCIPAL TECHNICAL OFFICER, NATIONAL AEROSPACE LABORATORIES, BENGALURU

AERONAUTICAL ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1.	46S_BE_1942	COLLISION TOLERANT GIMBAL DRONE FOR SEWAGE TREATMENT AND INDUSTRIAL PIPELINES <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
2.	46S_BE_3657	AIRBORNE WIND ENERGY GENERATION USING KITES <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

AEROSPACE ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
3.	46S_BE_0680	DEVELOPMENT OF ADDITIVE MANUFACTURING 3D PRINTER FOR AERO & SPACE MATERIAL <ul style="list-style-type: none"> S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

AUTOMOBILE ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
5.	46S_BE_1766	INVESTIGATION ON MECHANICAL AND TRIBOLOGICAL CHARACTERISTICS OF FIBER REINFORCED NANO HYBRID COMPOSITES FOR AGRICULTURAL APPLICATIONS <ul style="list-style-type: none"> THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

MECHANICAL ENGINEERING (14)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
180.	46S_BE_4713	SYNTHESIS AND TESTING OF SUSTAINABLE BIODIESEL THROUGH MIXED OIL TRANSESTERIFICATION OF WASTE COOKING OIL, PONGAMIA PINNATA OIL AND RICINUS COMMUNIES OIL <ul style="list-style-type: none"> P.E.S. COLLEGE OF ENGINEERING, MANDYA
181.	46S_BE_3854	CAPTURING AND REUSING CO2 AND H2O WITH RENEWABLE ENERGY TO PRODUCE SUSTAINABLE HYDROCARBON FUELS <ul style="list-style-type: none"> P.E.S. UNIVERSITY, BENGALURU
182.	46S_BE_0143	AN INVESTIGATION OF MICROSTRUCTURAL AND INFLUENCE OF BONDING TEMPERATURE ON MECHANICAL PROPERTIES OF DIFFUSION BONDED AL TWO TWO ONE NINE TI-SIX-AL -FOUR V JOINTS <ul style="list-style-type: none"> R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
183.	46S_BE_5151	DEVELOPMENT OF SMART EYEGLASSES FOR VISUALLY IMPAIRED PEOPLE <ul style="list-style-type: none"> R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
184.	46S_BE_5084	DEVELOPMENT OF MAGNESIUM HYBRID NANO COMPOSITES REINFORCED WITH AL2O3 AND ZRO2 NANO PARTICLES FOR STRUCTURAL APPLICATION <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
185.	46S_BE_2841	COCONUT DRYER USING HYBRID TECHNOLOGY <ul style="list-style-type: none"> S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE

186.	46S_BE_1696	DESIGN AND DEVELOPMENT OF SIMPLE AND AFFORDABLE RADIAL PISTON PUMP • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI
187.	46S_BE_4761	GREEN SYNTHESIS, CHARECTERIZATION OF ULTRA FEATURED NANOMATERICALS AND THEIR INFLUENCE ON DIESEL ENGINE OPERATED WITH BIODIESEL • SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
188.	46S_BE_2111	EXPERIMENTAL INVESTIGATION ON MECHANICAL BEHAVIOR OF JUTE AND E-GLASS FIBER REINFORCED EPOXY COMPOSITE FILLED WITH FLY ASH AS FILLER MATERIAL • SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG
189.	46S_BE_4193	EXPERIMENTAL INVESTIGATION ON SYNERGITIC EFFECT OF MIXED (CARBON/ METAL OXIDE) NANO PARTICLES ON CI ENGINE COMBUSTION • SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU
190.	46S_BE_1006	STUDY ON CONVERTING ARECA HUSK INTO BIOMASS FUEL • St. JOSEPH ENGINEERING COLLEGE, MANGALURU
191.	46S_BE_4812	INVESTIGATION OF THERMOPHYSICAL PROPERTIES OF NANOFUIDS FOR HEAT TRANSFER APPLICATIONS • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
192.	46S_BE_2241	RUBBER LATEX SUCTION MACHINE FOR RUBBER TREE • VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA
193.	46S_BE_4147	DESIGN AND DEVELOPMENT OF IOT BASED SUB-SURFACE IRRIGATION SYSTEM • YENEPLOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU

INDUSTRIAL AND PRODUCTION ENGINEERING (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
139.	46S_BE_2253	A COMPREHENSIVE STUDY ON THE INFLUENCE OF INJECTION PRESSURE ON PERFORMANCE AND EMISSION CHARACTERISTICS OF A DIESEL ENGINE WITH THE BLENDS OF DIESEL, BOILED COOKING OIL BIODIESEL AND OXYGENATED ADDITIVE AS AN ALTERNATIVE FUEL • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU

Session 3 :

3 Awards

Venue : "SINDHU" (Room No. 502), Fifth Floor, AIET Block-B

Chairman : Dr. J. R. MUDAKAVI

FORMER CHIEF RESEARCH SCIENTIST, DEPARTMENT OF CHEMICAL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

BIOCHEMISTRY (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
6.	46S_MSc_001	EVALUATION OF ANTIOXIDANT FUNCTIONALITY OF COLLAGEN HYDROLYSATE FROM FISH SKIN - A CLEAN AND SAFE ROUTE OF VALORISATION OF MARINE WASTE • JAIN (DEEMED-TO-BE UNIVERSITY), BENGALURU

BIOTECHNOLOGY (7)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
7.	46S_BE_1768	IMMOBILIZED BIOFERTILIZERS TO SUPPORT SUSTAINABLE CROPPING SYSTEM • ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU
8.	46S_BE_4853	DESIGN AND OPTIMIZATION OF ALGAE ASSISTED MICROBIAL FUEL CELL FOR ELECTRICITY GENERATION FROM FOOD WASTE • B.M.S. COLLEGE OF ENGINEERING, BENGALURU
9.	46S_MSc_068	APPLICATION OF FOOD AND AGRO PROCESSING INDUSTRIAL WASTE IN BIODEGRADABLE ECO-FRIENDLY BIOPLASTIC PRODUCTION • GARDEN CITY UNIVERSITY, BENGALURU
10.	46S_MSc_077	MOLECULAR INVESTIGATION OF PHOMA SPP. USING REP-PCR TOOL AS A BIOCONTROL AGENT • M.S. RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU
11.	46S_BE_5378	BIOSURFACTANT-MEDIATED DEGRADATION OF CASHEW KERNEL OIL BY MICROBES • N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE
12.	46S_BE_4548	PREPARATION OF A GALLIC ACID ENRICHED POMEGRANATE PEEL EXTRACT AND ITS APPLICATION IN CONTROLLING PATHOGENIC BACTERIA AND FUNGI • RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU

13.	46S_MSc_010	A STUDY TO DEVELOP A NATIVE HERBAL REPELLENT AND ISOLATION OF GUT MICROBIOME IN PESTICIDAL RESISTANCE Spodoptera Frugiperda - AN AGRICULTURAL CROP PEST IN KARNATAKA <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
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BOTANY (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
14.	46S_MSc_105	EFFECT OF ASCORBIC ACID ON PHYSIOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF SAFFLOWER UNDER DROUGHT STRESS <ul style="list-style-type: none"> DAVANGERE UNIVERSITY, DAVANGERE
15.	46S_MSc_150	ELECTROCHEMICAL SENSOR FOR OBESITY REDUCING MEDICINAL PLANTS <ul style="list-style-type: none"> K.L.E'S BASAVAPRABHU KORE ARTS SCIENCE AND COMMERCE COLLEGE, CHIKODI

CHEMICAL ENGINEERING (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
16.	46S_BE_3476	HYDRODYNAMIC CAVITATION - A TOOL FOR DISINFECTION <ul style="list-style-type: none"> S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

CHEMISTRY (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
17.	46S_MSc_110	SYNTHESIS AND CHARACTERIZATION OF COF/C-DOT/CONDUCTING POLYMER COMPOSITE FOR SUPERCAPACITOR <ul style="list-style-type: none"> MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL
18.	46S_MSc_118	REFORMATION OF BIOETHANOL TO LIQUID HYDROCARBON USING GREEN SYNTHESIZED MGO-ZNO, MGO-CUO CATALYSTS IN SINGLE REACTOR CATALYSIS <ul style="list-style-type: none"> RANI CHANNAMMA UNIVERSITY, BELAGAVI

FOOD TECHNOLOGY AND QUALITY MANAGEMENT (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
137.	46S_MSc_104	KODO MALT AS A SMART NUTRITION FOR POST COVID-19 INFECTIONS <ul style="list-style-type: none"> PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU

MICROBIOLOGY (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
196.	46S_MSc_048	PRODUCTION OF BIODIESEL FROM SEEDS OF THE INDIAN MEDICINAL PLANT HYDNOCARPUS PENTANDRUS AND STUDY OF ANTIBACTERIAL POTENTIAL OF THE SEED OIL <ul style="list-style-type: none"> KRISTU JAYANTI COLLEGE (AUTONOMOUS), BENGALURU
197.	46S_MSc_018	STUDY OF MICROBES ASSOCIATED WITH VERMICOMPOST AND ITS INFLUENCE ON PLANT GROWTH <ul style="list-style-type: none"> MAHARANI'S SCIENCE COLLEGE FOR WOMEN, MAHARANI CLUSTER UNIVERSITY, BENGALURU

MINERAL PROCESSING (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
198.	46S_MTech_007	PERFORMANCE ANALYSIS OF MAGNETIC SEPARATOR FOR RECOVERY OF IRON VALUES FROM LEAN GRADE IRON ORES OF SANDUR AREA <ul style="list-style-type: none"> VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI

ORGANIC CHEMISTRY (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
199.	46S_MSc_131	SYNTHESIS OF PDSN INTERMETALLIC COMPOUNDS AS ANODE CATALYSTS FOR HYDROGEN EVOLUTION REACTION IN FUEL CELLS. <ul style="list-style-type: none"> M.S. RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU
200.	46S_MSc_093	DESIGN AND FABRICATION OF RECHARGEABLE LITHIUM-ION BATTERY USING SEMICARBAZONE DERIVATIVES OF QUERCETIN ISOLATED FROM ONION PEEL <ul style="list-style-type: none"> N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU

Session 4 :

3 Awards

Venue : "KAVERI" (Room No. 503), Fifth Floor, AIET Block-B

Chairman : Dr. RAGHUVeer RAO

PRINCIPAL RESEARCH SCIENTIST, DEPARTMENT OF CIVIL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

CIVIL ENGINEERING (16)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
19.	46S_BE_1835	DURABILITY PROPERTIES OF GEOPOLYMER CONCRETE • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
20.	46S_BE_1933	EVALUATION OF DENSE BITUMINOUS MACADAM (DBM) MIXTURE USING RECLAIMED ASPHALT PAVEMENT (RAP) • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
21.	46S_BE_2200	STUDY ON EFFECT OF BLAST FURNACE SLAG AS AGGREGATE AND WASTE MATERIALS AS FILLERS ON PERFORMANCE OF ECO-FRIENDLY HALF WARM MIX ASPHALT • ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU.
22.	46S_BE_0917	MORPHOMETRIC ANALYSIS OF VARAHI RIVER BASIN • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
23.	46S_MTech_025	STUDY ON RECOVERY OF WAX FROM SUGARCANE INDUSTRIAL PRESS MUD FOR THE IMPROVEMENT OF AGRICULTURAL SOIL FERTILITY • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI
24.	46S_BE_3461	STUDIES ON COMPOSITE CEMENT CONCRETE MIXES INCORPORATING FERROCHROME SLAG AS COARSE AGGREGATE • B.M.S. COLLEGE OF ENGINEERING, BENGALURU
25.	46S_BE_3530	SUSTAINABLE MASONRY WALL BLOCK WITH POLYCARBONATE WASTE • B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU
26.	46S_BE_5252	CATALYTIC MICROPYROLYSIS OF WASTE PLASTICS INTO CRUDE OIL • B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
27.	46S_BE_0962	STRENGTH INVESTIGATION OF FOUNDRY SAND AS A REPLACEMENT OF FINE AGGREGATE • BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU
28.	46S_BE_2824	ASSESSING THE SHEAR AND FLEXURAL PERFORMANCE OF EXISTING BEAM BY EXTERNAL BONDING OF BAMBOO STRAPS • BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU
29.	46S_BE_3161	PIEZOELECTRIC SMART ROAD • C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR
30.	46S_BE_5177	CIRCULAR ECONOMY IN FLOWER MANAGEMENT • C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU
31.	46S_BE_1738	THE STUDY OF TRAFFIC CONGESTION IN A CERTAIN AREA AND PROVIDING ALTERNATIVE SOURCES TO MANAGE TRAFFIC CONGESTION WITH THE HELP OF GIS • CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU
32.	46S_BE_0835	EXPERIMENTAL INVESTIGATION ON WARM MIX ASPHALT AND RECLAIMED ASPHALT (WMA-RAP) WITH ZYCOTHERM AS ADDITIVE FOR VILLAGE ROADS • CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
33.	46S_BE_0462	TREATMENT OF COFFEE PULP WASTE WATER USING ADSORPTION PROCESS • COORG INSTITUTE OF TECHNOLOGY, KODAGU
34.	46S_BE_1529	SOLID WASTE DISPOSAL SITE SELECTION IN SOUTH BANGALORE CITY OF KARNATAKA USING GEOSPATIAL TECHNOLOGY • DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU

APPLIED GEOLOGY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
4.	46S_MSc_069	AN ASSESSMENT OF MINING INDUSTRIAL WASTE USING GEOINFORMATICS TECHNOLOGY IN SANDUR SCHIST BELT, DHARWAR CRATON, INDIA • VIJAYANAGAR SRI KRISHNADEVARAYA UNIVERSITY, P G CENTRE, SANDUR

Session 5 :

3 Awards

Venue : "TUNGABHADRA" (Room No. 504), Fifth Floor, AIET Block-B

Chairman : Dr. U. T. VIJAY

EXECUTIVE SECRETARY, KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, BENGALURU

CIVIL ENGINEERING (16)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
35.	46S_BE_3005	OIL EXTRACTION BY PYROLYSIS OF PLASTIC WASTE • Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU
36.	46S_BE_4225	RECYCLING OF WASTE PLASTICS INTO FUEL • EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU
37.	46S_BE_2886	PRODUCTION OF METHANE GAS FROM HOUSEHOLD FOOD WASTE • G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR
38.	46S_BE_1492	HORIZONTAL FLOW CONSTRUCTED WET LAND FOR TREATING DOMESTIC WASTEWATER • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
39.	46S_BE_2470	EFFECTIVE UTILIZATION OF SOLAR ENERGY FOR PURIFICATION OF WATER • GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
40.	46S_BE_4389	SUSTAINABLE AND COMPARATIVE STUDY ON BRICKS USING LOCALLY AVAILABLE MATERIALS (TILE WASTE AND WASTE WATER) • GOVERNMENT ENGINEERING COLLEGE, TALAKAL, KOPPALA
41.	46S_BE_0558	GIS BASED ROUTE OPTIMIZATION FOR SOLID WASTE MANAGEMENT: AT BIDAR CITY OF KARNATAKA, INDIA • GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
42.	46S_BE_2813	STUDY ON THE PRODUCTION OF TILES USING INDUSTRIAL WASTES • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
43.	46S_BE_5519	EXPERIMENTAL INVESTIGATION ON BEHAVIOUR OF CIRCULAR FOOTING RESTING ON SAND, REINFORCED WITH PLASTIC GEOCELL • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
44.	46S_BE_3178	EVALUATION OF LIQUID NATURAL RUBBER (LNR) MODIFIED BITUMEN FOR OVERLAY CONSTRUCTION AT INTERMEDIATE AND HIGH TEMPERATURE • JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
45.	46S_BE_3290	STABILIZATION OF MINE TAILING USING WASTE MATERIALS AND NATURAL FIBRES • K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI
46.	46S_BE_1362	PRODUCTION OF HERMICOMPOST FERTILIZER BY FOOD WASTE USING BLACK SOLDIER FLY • K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
47.	46S_BE_1425	ANALYSIS OF THE SUSTAINABLE USE OF TREATED GREY WATER IN CONCRETE • K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
48.	46S_BE_4491	REPAIR OF POTHOLE USING ECOFRIENDLY MATERIALS USING COLD MIX ASPHALT TECHNOLOGY • K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA
49.	46S_BE_2080	EXPERIMENTAL STUDY ON SUSTAINABLE THERMAL BLOCKS FOR TROMBE WALLS TO CONDITION BUILDINGS • K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU
50.	46S_BE_5229	QUANTITATIVE ANALYSIS AND ASSESSMENT OF EMBODIED CARBON REDUCTION FROM RESIDENTIAL BUILDING • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Session 6 :

3 Awards

Venue : "NETHRAVATHI" (Room No. 505), Fifth Floor, AIET Block-B

Chairman : Mr. H. HEMANTH KUMAR

CHIEF SCIENTIFIC OFFICER, KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

CIVIL ENGINEERING (17)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
51.	46S_BE_5442	"EXPERIMENTAL STUDY ON LOAD TRANSFER MECHANISM IN COLUMNS RETROFITTED BY BONDING PRECAST SEGMENT AND FRP WRAPPING" • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
52.	46S_BE_4109	APPLICATION OF POLLUTION INDEX, WATER QUALITY INDEX AND MODEL QUAL2K FOR EVALUATION OF POLLUTANTS IN VIRIJA CANAL, MANDYA DISTRICT, KARNATAKA • P.E.S. COLLEGE OF ENGINEERING, MANDYA

53.	46S_BE_3106	EXPLORING THE PROSPECTIVE OF PARTHENIUM HYSTEROPHORUS FOR BIOGAS PRODUCTION THROUGH COW DUNG, POULTRY MANURE AND GOAT MANURE • REVA UNIVERSITY, BENGALURU
54.	46S_BE_3603	IDENTIFICATION AND ASSESSMENT OF LAKE WATER BODIES IN CHANGES USING ARC GIS TOOL OF SENTINEL 2 DATA FOR YELAHANKA REGION • REVA UNIVERSITY, BENGALURU
55.	46S_BE_5439	URBAN FLOOD VULNERABILITY MAPPING OF DHARWAD SUB-URBAN AREA • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
56.	46S_BE_1253	IDENTIFICATION OF STRENGTH AND WEAKNESS OF THE CITY BUS SERVICE QUALITY ACASE STUDY USING SPSS SOFTWARE • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI
57.	46S_BE_1644	MANAGEMENT OF FLOODS IN URBAN AREAS: A CASE STUDY ON K & C VALLEY • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
58.	46S_BE_1676	POSITIONING AND QUANTIFICATION OF CRACKS BY SENSORS USING ALGORITHMS • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
59.	46S_BE_2979	ROAD SAFETY ASSESSMENT USING IRAP - CASE STUDY OF NATIONAL HIGHWAY • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA
60.	46S_BE_1473	DOMESTIC WASTE WATER TREATMENT USING COCONUT COIR AND SUGARCANE BAGASSE AS FILTER MEDIA • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
61.	46S_BE_3610	SEISMIC PERFORMANCE OF RC BUILDING RESTING ON SLOPING GROUND • SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
62.	46S_BE_4769	PERFORMANCE EVALUATON OF STATIC AND DYNAMIC ANALYSIS AND DESIGN OF RESIDENTIAL BUILDING WITH DIFFERENT POSITIONS OF SHEAR WALLS • SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
63.	46S_BE_5009	AFFORDABLE HOUSING • SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
64.	46S_BE_4530	ASSESSMENT OF ARCHAEOLOGICAL GEOMETRY OF TUMAKURU HERITAGE MONUMENTS THROUGH ASSEMBLED AERIAL VEHICLE USING REVERSE ENGINEERING • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
65.	46S_BE_4250	APPLICATION OF CASHEW NUTSHELL ASH IN ONE-PART ALKALI-ACTIVATED CEMENTITIOUS COMPOSITES: A SUSTAINABLE GREENER ALTERNATIVE • St. JOSEPH ENGINEERING COLLEGE, MANGALURU
66.	46S_BE_4996	ESTABLISHING RENEWABLE ENERGY BASED MICROGRID POWERED FROM BIFACIAL SOLAR PANELS AT TRIBAL HAMLETS OF BILLENAHOSAHALLI AND LAKSHMANAPURA, HUNSUR TALUK, MYSORE • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
67.	46S_BE_2567	REAL TIME STRENGTH MONITORING OF CARBON FIBER REINFORCED PRECAST MEMBER USING STRAIN GAUGE SENSOR • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

CONSTRUCTION TECHNOLOGY AND MANAGEMENT (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
103.	46S_BE_4944	DESIGN, ANALYSIS AND PERFORMANCE ASSESSMENT OF GREEN BUILDING • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
104.	46S_MTech_114	FACTORS AFFECTING MENTAL HEALTH, SUICIDAL ISSUES, AND THEIR PREVENTION IN CONSTRUCTION INDUSTRY • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU

ENVIRONMENTAL ENGINEERING (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
134.	46S_MTech_014	SIMULTANEOUS REMOVAL OF EMERGING CONTAMINANTS FROM MULTI-COMPONENT AQUEOUS SYSTEM USING ELECTRO-CHEMICAL OXIDATION TECHNIQUE • B.M.S. COLLEGE OF ENGINEERING, BENGALURU

STRUCTURAL ENGINEERING (3)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
202.	46S_MTech_108	BEHAVIOR OF COLUMNS WITH RECTANGULAR CROSS SECTION SHAPE MODIFIED TO ELLIPTICAL CROSS SECTION USING FRCM • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
203.	46S_MTech_048	EFFECT OF HIGH TEMPERATURE ON PHASE BEHAVIOUR AND MECHANICAL PROPERTIES OF ALKALI ACTIVATED MATERIALS • RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU

204.	46S_MTech_029	AN EXPERIMENTAL STUDY ON THE STRUCTURAL PERFORMANCE OF FULL SCALE RC BEAMS STRENGTHENED FOR SHEAR ONLY USING NSM GFRP STRIPS <ul style="list-style-type: none"> • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
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Session 7 : **5 Awards**
Venue : **“GANGA” (Room No. 201), Second Floor, AIET Block-A**
Chairman : **Dr. P. SIVA SUBBA RAO**
SENIOR PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (17)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
68.	46S_BE_1065	IMPLEMENTATION OF KANNADA SIGN LANGUAGE RECOGNITION FOR DEAF AND DUMB <ul style="list-style-type: none"> • A.P.S. COLLEGE OF ENGINEERING, BENGALURU
69.	46S_BE_1691	INTERACTIVE VR / AR LEARNING <ul style="list-style-type: none"> • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI
70.	46S_BE_5109	CERTIFICATE FORGERY DETECTION IN CYBER SECURITY <ul style="list-style-type: none"> • B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU
71.	46S_BE_3595	SMART SAFETY DEVICE FOR SEWAGE WORKERS <ul style="list-style-type: none"> • BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU
72.	46S_BE_2296	ONLINE PATASHALA <ul style="list-style-type: none"> • CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU
73.	46S_BE_3172	INDOOR NAVIGATION WITH HAZARD DETECTION USING AUGMENTED REALITY <ul style="list-style-type: none"> • CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
74.	46S_BE_0671	SECURED DIGITAL VOTING SYSTEM USING BLOCKCHAIN TECHNOLOGY <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
75.	46S_BE_2195	INSIDER ATTACK DETECTION USING RESTRICTED BOLTZMANN MACHINE IN MACHINE LEARNING <ul style="list-style-type: none"> • DAYANANDA SAGAR UNIVERSITY, BENGALURU
76.	46S_BE_5411	MAMA BOT: A SYSTEM BASED ON ML & NLP FOR SUPPORTING WOMEN & FAMILIES DURING PREGNANCY <ul style="list-style-type: none"> • Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU
77.	46S_BE_0242	AN EFFECTIVE COUNTERFEIT MEDICINE AUTHENTICATION SYSTEM USING BLOCKCHAIN AND IOT TO PREVENT HAZARDS TO HUMAN LIFE <ul style="list-style-type: none"> • GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
78.	46S_BE_2606	FAKE NEWS PREDICTON USING ML <ul style="list-style-type: none"> • H.K.E'S S.L.N. COLLEGE OF ENGINEERING, RAICHUR
79.	46S_BE_2968	INTERVIEW BOT <ul style="list-style-type: none"> • J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
80.	46S_BE_0321	A PLANET SPY : FRAMEWORK FOR INSPECTION OFNATURAL CALAMITIES USING SATELLITE IMAGES <ul style="list-style-type: none"> • JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI
81.	46S_BE_3702	SMART BUS SYSTEM <ul style="list-style-type: none"> • JAIN COLLEGE OF ENGINEERING, BELAGAVI
82.	46S_BE_0893	YOUTH COMPASS APPLICATION <ul style="list-style-type: none"> • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
83.	46S_BE_5174	MEDICAL REPORT MANAGAMENT USING BLOCKCHAIN TECHNOLOGY <ul style="list-style-type: none"> • K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI
84.	46S_BE_5466	GRAPH THEORY APPLICATION IN CRITICAL PATH ANALYSIS USING TINY ML ALGORITHM <ul style="list-style-type: none"> • K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI

INFORMATION SCIENCE AND ENGINEERING (7)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
140.	46S_BE_2546	PLATFORM DEVELOPMENT FOR HAWKERS AND STREET PEDDLERS <ul style="list-style-type: none"> • A.M.C. ENGINEERING COLLEGE, BENGALURU
141.	46S_BE_0080	DEFORESTATION ANALYSIS USING SATELLITE IMAGE PROCESSING <ul style="list-style-type: none"> • ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
142.	46S_BE_3076	WIRELESS ELECTRONIC NOSE FOR MONITORING EMISSION LEVELS USING ANDROID APPLICATION <ul style="list-style-type: none"> • B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA

143.	46S_BE_4800	AIR POLLUTION MONITORING, FORECASTING AND CONTROLLING SYSTEM • B.M.S. COLLEGE OF ENGINEERING, BENGALURU
144.	46S_BE_2779	IDEA OF DECENTRALIZATION USING BLOCK CHAIN IN BOOK WORMS EDITION • DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU
145.	46S_BE_0938	SIGNATURE FORGERY DETECTION USING TENSORFLOW AND MLP • G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU
146.	46S_BE_0842	SOLIDER HEALTH MONITORING AND TRACKING SYSTEM USING IOT • H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU

MASTER OF COMPUTER APPLICATION (3)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
162.	46S_MCA_019	E-LEARNING PORTAL • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
163.	46S_MCA_030	CLI BASED CHAT TOOL • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
164.	46S_MCA_003	AR APPLICATION TO VISUALISE BIOGAS PLANT • R.V. COLLEGE OF ENGINEERING, BENGALURU

Session 8 :

4 Awards

Venue : "YAMUNA" (Room No. 204), Second Floor, AIET Block-A

Chairman : Dr. R. P.S. CHAKRADHAR

PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (18)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
85.	46S_BE_0007	DIGITAL DOCUMENT AUTHENTICATION USING BLOCKCHAIN • K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
86.	46S_BE_2021	SENTIMENT ANALYSIS TO IMPROVE TEACHING AND LEARNING • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI
87.	46S_BE_3506	CLASSIFICATION AND ANALYSIS OF MEDICAL SCANS • K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU
88.	46S_BE_5080	DETECTION OF ANOMALOUS BEHAVIOUR OF SMARTPHONE DEVICES USING CHANGEPOINT ANALYSIS & MACHINE LEARNING • KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU
89.	46S_BE_1051	RANK BASED ENSEMBLE OF CNN MODELS FOR BREAST CANCER DETECTION IN HISTOPATHOLOGY IMAGES • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
90.	46S_BE_3441	E-VOTING SYSTEM BASED ON BLOCKCHAIN • MARATHA MANDAL'S ENGINEERING COLLEGE, BELAGAVI
91.	46S_BE_4474	PHOTOSTACK • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
92.	46S_BE_1651	ENHANCED LSB REPLACEMENT ALGORITHM IN APATIAL DOMAIN OF STEGANOGRAPHY • RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
93.	46S_BE_4107	TRADING BOT • RAJIV GANDHI INSTITUTE OF TECHNOLOGY, BENGALURU
94.	46S_BE_3019	PASSWORDLESS AUTHENTICATION SYSTEM USING ZERO KNOWLEDGE PROOFS AND BLOCKCHAIN • RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
95.	46S_BE_1584	IMPLEMENTATION OF THE VOICE BASED CONTROL AND DETECTION OF THE CURRENCY IN ATM TRANSACTION • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
96.	46S_BE_0711	STREET PHOTOS TO INDUSTRIAL FASHION TRENS: LEVERAGING USER-PROVIDED NOISY LABELS.COST-EFFECTIVE MANAGEMENT SYSTEM • SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU
97.	46S_BE_4465	FOREST FIRE DETECTION USING MACHINE LEARNING • Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
98.	46S_BE_3842	"ANKE GYANNI"- CREATION AND RECOGNITION OF HANDWRITTEN TULU NUMERALS • SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU

99.	46S_BE_1009	KNOWLEDGE BASED SCENE GRAPH GENERATION IN MEDICAL FIELD • St. JOSEPH ENGINEERING COLLEGE, MANGALURU
100.	46S_BE_3840	LOCATING AND DETECING TOXIC GASES IN MANHOLES • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
101.	46S_BE_1000	REAL TIME VOICE CLONING USING DEEP-LEARNING • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
102.	46S_BE_2012	FOODX: THE SYSTEM TO REDUCE FOOD WASTAGE • VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

INFORMATION SCIENCE AND ENGINEERING (7)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
147.	46S_BE_0933	IMMERSIVE LEARNING WITH EXTENDED REALITY (AR/VR) FOR STUDENTS • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
148.	46S_BE_1106	SOLID WASTE MANAGEMENT AND ANALYSIS USING MACHINE LEARNING TECHNIQUES • MALNAD COLLEGE OF ENGINEERING, HASSAN
149.	46S_BE_0935	AUTOMATED EFFECT GENERATION METHOD FOR 4D FILMS USING DEEP LEARNING • N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE
150.	46S_BE_3018	GROSS ANATOMY USING AUGMENTED REALITY MOBILE APPLICATION • P.D.A. COLLEGE OF ENGINEERING, KALABURAGI
151.	46S_BE_0291	E-LEARNING AI CHATBOT FOR EDUCATION INSTITUTE IN RURAL AREAS • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA
152.	46S_BE_3055	IMPLEMENTATION OF AUGMENTED REALITY TO BOOST RESTAURANT SALES • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
153.	46S_BE_4704	EXOSKELETON ARM • VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU

DATA SCIENCE (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
105.	46S_MSc_165	E-LEARNING APP FOR AGED /NON-TECH SAVVY • INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU

Session 9 :

3 Awards

Venue : "KUMARADHARA" (Room No. 506), Fifth Floor, AIET Block-B

Chairman : Dr. ARULALAN RAJAN

FORMER ASST. PROF, NITK, SURATHKAL

ELECTRONICS AND COMMUNICATION ENGINEERING (16)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
115.	46S_BE_3961	SMART WIRELESS STETHOSCOPE • CANARA ENGINEERING COLLEGE, MANGALURU
116.	46S_BE_2671	BLOOD GROUP DETECTION • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
117.	46S_BE_0066	AERIAL AGRI-CIDES USING KINESICS • DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU
118.	46S_BE_2213	EV BMS WITH CHARGE MONITOR AND FIRE PROTECTION • EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
119.	46S_BE_4132	DESIGN, ANALYSIS AND DEVELOP OF DENTAL DISORDER DETECTION SYSTEM USING MASK-RCNN AND IMAGE PROCESSING • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
120.	46S_BE_4927	DESIGN OF AUTOMATIC CONTROLLER FOR AMBU BAG • K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
121.	46S_BE_0823	A POWER SUPPLY USING SUPERCAPACITOR STORAGE POWERED BY SOLAR PV CELLS • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
122.	46S_BE_3874	MACHINE LEARNING BASED MONITORING, OPTIMAL LOCALIZATION AND TREATMENT OF HEPATOCELLULAR CARCINOMA USING MICROWAVE ANTENNA SENSOR FOR POST COVID-19 PATIENT • NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

123.	46S_BE_3064	DESIGN AND FABRICATION OF MICROSTRIP PATCH ANTENNA AT 2.4GHZ FOR WIRELESS COMMUNICATION APPLICATION • NAVKIS COLLEGE OF ENGINEERING, HASSAN
124.	46S_BE_4772	HANDWRITTEN TEXT RECOGNITION • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
125.	46S_BE_4171	IMPLEMENTATION OF AES-256 USING FPGA • RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
126.	46S_BE_5351	DESIGN OF COMPACT MIMO ANTENNA FOR ULTRA WIDE BAND APPLICATIONS • REVA UNIVERSITY, BENGALURU
127.	46S_BE_4145	ATTENDENCE USING GPS AND SELFIE • SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU
128.	46S_BE_1246	SMART HEALTH MONITORING SYSTEM FOR PREGNANT – AMIE • St. JOSEPH ENGINEERING COLLEGE, MANGALURU
129.	46S_BE_4192	SMART WEARABLE MONITORING SYSTEM FOR ALZHEIMER'S PATIENTS • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
130.	46S_BE_3208	EPILEPSY SEIZURE ALERT SYSTEM USING IOT • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

ELECTRONICS AND INSTRUMENTATION ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
131.	46S_BE_1669	DEVELOPMENT OF WEB-BASED SMART MONITORING SYSTEM USING IOT & MOBILE APPLICATION FOR GRAPE DRYING BUILDINGS • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
132.	46S_BE_0807	IOT BASED SMART WATER DISTRIBUTION IN CANAL SYSTEM • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU

ELECTRONICS AND TELECOMMUNICATION ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
133.	46S_BE_3304	DEVELOPMENT OF COMPACT PATCH ANTENNA FOR MIMO APPLICATIONS • B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU

Session 10 : **1 Award**
Venue : **“NANDINI” (Room No. 507), Fifth Floor, AIET Block-B**
Chairman : **Dr. U. J. SHENOY**
 CHIEF RESEARCH SCIENTIST, DEPARTMENT OF ELECTRICAL ENGINEERING,
 INDIAN INSTITUTE OF SCIENCE, BENGALURU

ELECTRICAL AND ELECTRONICS ENGINEERING (9)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
106.	46S_BE_3091	DEVELOPMENT OF ERGONOMIC AFFORDABLE PROSTHETIC ARM FOR TRANSRADIAL AMPUTEES • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
107.	46S_BE_1945	NANOTECHNOLOGY BASED ELECTROCHEMICAL SENSOR FOR DETERMINATION OF ANTIBIOTICS • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI
108.	46S_BE_1982	FABRICATION OF PAPER BY AGRO WASTE • P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA
109.	46S_BE_5188	IOT ENABLED SELF MAINTANANCE AND AUTOMATION OF AQUATIC ENVIRONMENT AT DOMESTIC PLACE POST COVID-19 • SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU
110.	46S_BE_5298	DEVELOPMENT OF ROBOTIC NURSE FOR OLD AGE AND PHYSICALLY CHALLENGED GROUPS, USING HYBRID ULTRA-CAPACITOR BATTERY POWERED BY SOLAR PV • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
111.	46S_BE_2743	DEVELOPMENT IN AGRICULTURAL DRONE (FRUIT HARVESTING AND PRUNING TREES) • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
112.	46S_BE_3785	MILK QUALITY DETECTION USING ELECTRONIC MILK QUALITY ANALYSER • UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE

113.	46S_BE_3880	AUTOMATIC POWER FACTOR IMPROVEMENT FOR IRRIGATION AND INDUSTRIES <ul style="list-style-type: none"> UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE
114.	46S_BE_3899	SMART CAR PARKING SYSTEM WITH AUTONOMOUS CAR <ul style="list-style-type: none"> VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU

Session 11 : **2 Awards**
Venue : **“GODAVARI” (Room No. 203), Second Floor, AIET Block-A**
Chairman : **Shri. DAYANANDA G. N.**
MANAGER, KARNATAKA STATE BIOENERGY DEVELOPMENT BOARD (KSBDB),
GOVERNMENT OF KARNATAKA

FINANCE AND MARKETING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
135.	46S_MBA_080	A FOCUS ON USAGE OF ARTIFICIAL INTELLIGENCE AND ITS CHALLENGES AND OPPORTUNITIES IN AGRICULTURE SECTOR IN RURAL AREAS <ul style="list-style-type: none"> G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
136.	46S_MBA_074	DISRUPTIVE TECHNOLOGY AND GIG WORK FORCE; AN EMPIRICAL STUDY IN BENGALURU CITY <ul style="list-style-type: none"> NAGARJUNA DEGREE COLLEGE, YELAHANKA, BENGALURU

HUMAN RESOURCE (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
138.	46S_MBA_119	VIRTUAL INTERVENTION TO SUPPLEMENT PSYCHOLOGICAL CAPITAL FOR WORKING INDIVIDUALS <ul style="list-style-type: none"> GARDEN CITY UNIVERSITY, BENGALURU

MANAGEMENT STUDIES (6)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
154.	46S_MBA_017	E-LEARNING AWARENESS AMONG RURAL FARMERS IN MUDHOL TALUKA <ul style="list-style-type: none"> BILURU GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL, BAGALKOT
155.	46S_MBA_051	APPROVAL OF CROP LOAN BY THE FINANCIAL INSTITUTIONS TO FARMERS BY USING WEATHER FORECASTING AND PREDICTIVE ANALYSIS WITH MACHINE LEARNING TOOL <ul style="list-style-type: none"> NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
156.	46S_MBA_021	DEVELOPMENT OF SUPPLY CHAIN MODEL FOR BIO-DIESEL MANUFACTURING FROM USED COOKING OIL IN BENGALURU <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
157.	46S_MBA_035	ANALYSIS OF ENVIRONMENTAL CONCERN BY THE OWNERS OF ELECTRICAL VEHICLES DURING THE PURCHASE DECISION IN THE CONTEXT OF AIR POLLUTION <ul style="list-style-type: none"> S.D.M. COLLEGE OF BUSINESS MANAGEMENT P.G. CENTRE FOR MANAGEMENT STUDIES AND RESEARCH, MANGALURU
158.	46S_MBA_015	ECONOMIC VALUATION OF BIO-FUEL PRODUCTION PLANTS IN KARNATAKA <ul style="list-style-type: none"> S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA
159.	46S_MBA_048	A STUDY ON THE EFFECTS OF ORGANIC AND IN ORGANIC FERTILIZER POLLUTANTS ON SOIL WITH REFERENCE TO RURAL DISTRICT OF BANGALORE <ul style="list-style-type: none"> SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU

MARKETING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
160.	46S_MBA_103	A STUDY ON EVALUATION OF LOGISTIC DRIVERS IMPACT ON AGRICULTURE SUPPLY CHAIN PERFORMANCE OF FARMERS WITH RESPECT TO VEGETABLES AT MYSURU REGION <ul style="list-style-type: none"> VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

MARKETING AND FINANCE (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
161.	46S_MBA_092	DESIGNING SUSTAINABLE MARKETING STRATEGIES FOR THE BIOGAS EXTRACTED FROM ANIMAL MANURE FOR THE RURAL POPULATION OF DAKSHINA KANNADA <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI

EXHIBITION PROJECTS

AERONAUTICAL ENGINEERING (3)
AEROSPACE ENGINEERING (1)
AUTOMOBILE ENGINEERING (2)
MECHANICAL ENGINEERING (43)
MACHINE DESIGN (2),
MARINE ENGINEERING (1),
MECHATRONICS ENGINEERING (2)
FINANCE AND MARKETING (1)
HUMAN RESOURCE AND MARKETING (1)

9 Awards

Venue : "A P J ABDUL KALAM" (CNC Lab, Design Lab, HMT Lab, IC Engine Lab, FM Lab, MMM Lab), Ground Floor, AIET Block-B

Jury : **Prof. PRAVEEN C RAMAMURTHY**
 ASSOCIATE PROFESSOR, MATERIALS ENGINEERING, INDIAN INSTITUTE OF SCIENCE, BENGALURU
Shri. B. V. VENUGOPAL
 FORMER TECHNICAL EXPERT, CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE, BENGALURU
Dr. V. R. RANGANATH
 FORMER PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

AERONAUTICAL ENGINEERING (3)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
205.	46S_BE_1729	MAPPING OF AIR POLLUTANTS WITH HELIUM - FILLED AIRSHIP WITH INTERNET OF THINGS (IOT) <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
206.	46S_BE_4697	FABRICATION OF ADVANCED SOLAR AIRCRAFT <ul style="list-style-type: none"> • KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU
207.	46S_BE_5327	INVESTIGATION ON STATIC AND DYNAMIC BEHAVIOUR OF 3D WOVEN HYBRID CARBON ARAMID EPOXY COMPOSITE LAMINATE <ul style="list-style-type: none"> • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU

AEROSPACE ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
208.	46S_BE_3913	THRUST VECTOR CONTROL <ul style="list-style-type: none"> • DAYANANDA SAGAR UNIVERSITY, BENGALURU

AUTOMOBILE ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
209.	46S_BE_0758	DESIGN AND FABRICATION OF ELECTRIC GO-KART <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
210.	46S_BE_5117	DESIGN AND DEVELOPMENT OF E-BIKE FOR PHYSICALLY CHALLENGED PEOPLE <ul style="list-style-type: none"> • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

MECHANICAL ENGINEERING (43)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
396.	46S_BE_2272	AFFORDABLE WHEELCHAIR ATTACHMENT E - HANDBIKE FOR PHYSICALLY CHALLENGED <ul style="list-style-type: none"> • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
397.	46S_BE_4902	DESIGNING AND FABRICATION OF TAIL SITTER DRONES TO USE THEM FOR SURVEILLANCE AND MAPPING WITH LONG-RANGE COVERAGE. ADVANCEMENT OF TAIL SITTER AND USE IT FOR INDUSTRY USAGE. <ul style="list-style-type: none"> • B.M.S. COLLEGE OF ENGINEERING, BENGALURU
398.	46S_BE_2576	DESIGN AND FABRICATION OF AUTOMATIC SOLDERING MACHINE <ul style="list-style-type: none"> • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

399.	46S_BE_4044	DESIG AND FABRICATION OF ROVER ROBOT <ul style="list-style-type: none"> BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
400.	46S_BE_2641	LIQUID NANO-CLAY : TRANSFORMING SOIL INTO FARMING " AN ENGINEERED SOIL" <ul style="list-style-type: none"> BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
401.	46S_BE_3667	DESIGN AND DEVELOPMENT OF DYE SENSITIZED SOLAR CELLS USING SYNTHETIC DYES <ul style="list-style-type: none"> BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
402.	46S_BE_4758	VALORIZATION OF CHICKEN SKIN WASTE TOWARDS SWACHH BHARAT MISSION <ul style="list-style-type: none"> CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU
403.	46S_BE_4008	DESIGN AND FABRICATION OF COFFEE PRE CLASSIFIER <ul style="list-style-type: none"> COORG INSTITUTE OF TECHNOLOGY, KODAGU
404.	46S_BE_2082	DESIGN & DEVELOPMENT OF WEARABLE DAMPER SYSTEM TO MINIMIZE HAND TREMORS CAUSED DUE TO PARKINSON'S DISORDER <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
405.	46S_BE_3069	DIP PURE (PORTABLE POTABLE WATER PURIFIER) <ul style="list-style-type: none"> GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
406.	46S_BE_2070	FIBER EXTRACTION FROM BANANA STEM <ul style="list-style-type: none"> HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAVI
407.	46S_BE_3579	DESIGN AND DEVELOPMENT OF PISTON TYPE CARDIO-PULMONARY RESUSCITATION PORTABLE MACHINE USING IOT <ul style="list-style-type: none"> J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
408.	46S_BE_5420	ADVANCED INLINE PIPE INSPECTION ROBOT <ul style="list-style-type: none"> J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
409.	46S_BE_4691	360 DEGREE TURNING ELECTRIC FORKLIFT FOR INDUSTRY WAREHOUSES AND DOMESTIC PURPOSES <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
410.	46S_BE_4365	AUTOMATIC RECHARGABLE EV <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING, BELAGAVI
411.	46S_BE_4558	DEVELOPMENT OF ELECTRIC VEHICLE FROM EXISTING PETROL VEHICLE WITH AUTOMATIC SPEED CONTROL SYSTEM. <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
412.	46S_BE_2177	ELECTRIC AND PEDAL OPERATED HEAVY DUTY HYBRID TURMERIC POLISHING MACHINE <ul style="list-style-type: none"> K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
413.	46S_BE_2812	EVALUATING THE MECHANICAL PROPERTIES OF 3D PRINTED POLYMER COMPOSITES WITH NANO FILLERS <ul style="list-style-type: none"> K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI
414.	46S_BE_4541	DESIGN AND FABRICATION OF SOLAR DRYER FOR ONION <ul style="list-style-type: none"> K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
415.	46S_BE_3889	DESIGN AND FABRICATION OF TRIANDRA ARECA NUT DEHUSKING MACHINE <ul style="list-style-type: none"> K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
416.	46S_BE_4321	DESIGN AND DEVELOPMENT OF HYBRID/SOLAR POWERED FOUR-WHEELER <ul style="list-style-type: none"> K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
417.	46S_BE_4382	DESIGN AND DEVELOPMENT OF EV CONVERSION KIT FOR IC ENGINE VEHICLE <ul style="list-style-type: none"> K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
418.	46S_BE_1862	WASTE PLASTIC REINFORCED CONCRETE BRICK <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
419.	46S_BE_3163	DESIGN ANALYSIS AND DEVELOPMENT OF PISTON USING S.L.A.M. <ul style="list-style-type: none"> MARATHA MANDAL'S ENGINEERING COLLEGE, BELAGAVI
420.	46S_BE_0458	DESIGN AND FABRICATION OF MULTI-MODE BI-COPTER <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
421.	46S_BE_4031	DESIGN AND FABRICATION OF ATTACHABLE ELECTRIC WHEELCHAIR <ul style="list-style-type: none"> P.A. COLLEGE OF ENGINEERING, MANGALURU
422.	46S_BE_4739	PERFORMANCE ENHANCEMENT OF EVACUATED TUBE SOLAR COLLECTOR USING OIL AND NANOPARTICLES <ul style="list-style-type: none"> R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU
423.	46S_BE_1256	MAXIMIZED PRODUCTION OF HOT WATER USING NOVEL ABORBER TUBES OF FALT PLATE COLLECTOR <ul style="list-style-type: none"> RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
424.	46S_BE_1915	DESIGN AND DEVELOPMENT OF IOT BASED SMART ROBOT FOR COLLECTING WATER SURFACE WASTE AND WATER QUALITY MONITOR <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU

425.	46S_BE_4594	SOLAR OPERATED MULTIPURPOSE AGRICULTURE MACHINE <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
426.	46S_BE_5142	DESIGN AND FABRICATION OF FOUR WHEEL STEERING AGRICULTURAL TRACTOR WITH ZERO RADIUS TURN <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
427.	46S_BE_5237	DESIGN AND FABRICATION OF SMART ELECTRIC WHEELCHAIR <ul style="list-style-type: none"> S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
428.	46S_BE_1521	FABRICATION OF GREY WATER FILTERS <ul style="list-style-type: none"> S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE
429.	46S_BE_3893	DESIGN AND FABRICATION OF PADDY-DUST CLEANING MACHINE <ul style="list-style-type: none"> St. JOSEPH ENGINEERING COLLEGE, MANGALURU
430.	46S_BE_5150	A GENERATIVE DESIGN AND 3-D PRINTING APPROACH FOR THE FABRICATION OF MICRO-DRONE FOR WIND TURBINE INSPECTION <ul style="list-style-type: none"> THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
431.	46S_BE_5289	DETECTION AND PREVENTION OF WILD ANIMALS IN FARM FIELD BY APPLICATION OF IOT. <ul style="list-style-type: none"> THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
432.	46S_BE_2259	DRAINAGE CLEANING MECHANISM <ul style="list-style-type: none"> V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPANI, BELAGAVI
433.	46S_BE_4102	DEVELOPMENT OF A WIRELESS CONTROLLED CART <ul style="list-style-type: none"> VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU
434.	46S_BE_2828	DESIGN AND DEVELOPMENT OF HYBRID INDOOR SOLAR COOKER SYSTEM <ul style="list-style-type: none"> VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
435.	46S_BE_4675	DESIGN AND FABRICATION OF EXOSKELETON USING PNEUMATIC CYLINDERS <ul style="list-style-type: none"> VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
436.	46S_BE_2101	DESIGN AND DEVELOPMENT OF LOW EFFORT RUN CYCLE <ul style="list-style-type: none"> VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA
437.	46S_BE_2140	MANUAL OPERATED MULTI-PURPOSE POWER TROLLEY <ul style="list-style-type: none"> VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA
438.	46S_BE_4557	DESIGN AND FABRICATION OF ARECANUT TREE CLIMBER AND SPRAYER <ul style="list-style-type: none"> VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

MACHINE DESIGN (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
392.	46S_MTech_117	DESIGN AND DEVELOPMENT OF SELF-BALANCED LONG POLES(DHOTI) FOR AGRICULTURAL HARVESTING <ul style="list-style-type: none"> A.M.C. ENGINEERING COLLEGE, BENGALURU
393.	46S_MTech_098	ANALYSIS OF BIONIC STRUCTURES FOR MANUFACTURING OF WALKING AIDS FOR PHYSICALLY CHALLENGED <ul style="list-style-type: none"> B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

MARINE ENGINEERING (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
394.	46S_BE_0744	PERFORMANCE ASSESSMENT OF INDUCTION MOTOR BY CONDITION MONITORING WITH IOT <ul style="list-style-type: none"> SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU

MECHATRONICS ENGINEERING (2)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
439.	46S_BE_4435	DESIGN AND FABRICATION OF SEMI-AUTOMATED SEWER EXCAVATOR <ul style="list-style-type: none"> A.M.C. ENGINEERING COLLEGE, BENGALURU
440.	46S_BE_3045	AUTONOMOUS AERIAL SYSTEM FOR AGRICULTURE PURPOSE <ul style="list-style-type: none"> ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU

FINANCE AND MARKETING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
369.	46S_MBA_085	PLASTIC DISPOSER <ul style="list-style-type: none"> P.E.S. COLLEGE OF ENGINEERING, MANDYA

HUMAN RESOURCE AND MARKETING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
371.	46S_MBA_091	RECYCLE, REUSE & AWARENESS ON BIO DEGRADABLE COCONUT FIBRES IN PREPARING HOMEMADE SCRUBS <ul style="list-style-type: none"> P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA

BIOTECHNOLOGY (2)**CHEMICAL ENGINEERING (1)****FOOD AND NUTRITION (1)****MICROBIOLOGY (1)****TEXTILE TECHNOLOGY (1)****1 Award**

Venue : "C V RAMAN" (Environment Lab, Surveying Lab), First Floor, AIET Block-B

Jury : Dr. RAVINDRANATH H. ALADAKATTI
 SENIOR SCIENTIFIC OFFICER, CENTRAL ANIMAL FACILITY, INDIAN INSTITUTE OF SCIENCE, BENGALURU

BIOTECHNOLOGY (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
211.	46S_BE_1555	DESIGNING OF SUSTAINABLE WATER PURIFIER USING ROOTS OF CHRYSOPOGON ZIZANIODES <ul style="list-style-type: none"> G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
212.	46S_BE_2778	DEVELOPMENT OF ECO-FRIENDLY BIODEGRADABLE FOOD PACKAGING FILM FROM BY-PRODUCTS OF FRUIT WASTE AND PROCESSING WITH DIFFERENT PLASTICIZERS <ul style="list-style-type: none"> SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU

CHEMICAL ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
213.	46S_BE_5166	EVALUATION OF MANGANESE TUNGSTEN REDOX FLOW BATTERY <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU

FOOD AND NUTRITION (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
370.	46S_MSc_156	DEVELOPMENT OF FUNCTIONAL FOOD PRODUCTS USING PROCESSED BROWN TOP MILLET WITH FRUIT AND VEGETABLE WASTE TO ENHANCE IMMUNITY AGAINST COVID INFECTION <ul style="list-style-type: none"> PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU

MICROBIOLOGY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
441.	46S_MSc_120	IN-VIVO AND IN-VITRO ANALYSIS FOR THE DEVELOPMENT OF COST EFFECTIVE PROBIOTIC AND MUFA RICH PROTEIN DIETARY SUPPLEMENT FOR ADULT AGE GROUPS <ul style="list-style-type: none"> INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU

TEXTILE TECHNOLOGY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
443.	46S_BE_5353	RECYCLING AND PAPER MAKING BY GARMENT WASTE <ul style="list-style-type: none"> R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG

CIVIL ENGINEERING (8)**1 Award****Venue** : "M VISVESVARAYA" (GT Lab), First Floor, AIET Block-B**Jury** : Dr. RAGHUVeer RAOPRINCIPAL RESEARCH SCIENTIST, DEPARTMENT OF CIVIL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU**CIVIL ENGINEERING (8)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
214.	46S_BE_5008	PERFORMANCE EVALUATION OF SOLAR DESALINATION PROTOTYPE FOR TREATING SEAWATER/BRACKISH WATER. • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
215.	46S_BE_5134	INTEGRATED SOLID WASTE MANAGEMENT FOR RURAL AREAS USING INTERNET OF THINGS • MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA
216.	46S_BE_2909	LEAD HEAVY METAL REMOVAL FROM AQUEOUS MEDIUM USING MODIFIED ACTIVATED CARBON AND BIOCHAR • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
217.	46S_BE_2526	PORTABLE HYDROELECTRIC GENERATOR • P.E.S. COLLEGE OF ENGINEERING, MANDYA
218.	46S_BE_1168	UTILIZATION OF INDUSTRIAL WASTE RED MUD IN MANUFACTURING ROOFING TILES. • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI
219.	46S_BE_1936	HYDRAULIC TRAFFIC REDUCE SYSTEM • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
220.	46S_BE_0947	ADVANCED MINOR FLOOD MONITORING DISCHARGE CHANNEL • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
221.	46S_BE_0328	EVALUATION OF PERFORMANCE AND ENERGY SAVING POTENTIAL OF EARTH AIR TUNNEL SYSTEM INSIDE THE BUILDING AS SUSTAINABLE ALTERNATIVE • SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

COMPUTER SCIENCE AND ENGINEERING (30)**5 Awards****Venue** : "SHAKUNTALA DEVI" (006 - Internet & ML Lab), Ground Floor, AIET Block-A**Jury** : Dr. RAVI RAJUCHIEF RESEARCH SCIENTIST, DEPARTMENT OF MATERIALS ENGINEERING
INDIAN INSTITUTE OF SCIENCE, BENGALURU**COMPUTER SCIENCE AND ENGINEERING (30)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
222.	46S_BE_3086	DESIGN OF A VOICE CONTROLLED AUTOMATED WHEELCHAIR • A.P.S. COLLEGE OF ENGINEERING, BENGALURU
223.	46S_BE_3700	TEXT TO AUDIO CONVERSION FOR VISUALLY IMPAIRED • AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU
224.	46S_BE_1885	TECHNICAL TERM SIGN LANGUAGE DETECTION • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
225.	46S_BE_1333	IOT BASED SMART AGRICULTURE USING SOLAR ENERGY • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI
226.	46S_BE_2905	S.R.A.M (SMART ROBOTIC ARM MANIPULATOR) • B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU
227.	46S_BE_1878	A NOVEL INTEGRATED MODEL FOR AUTOMATIC MEDICAL ASSISTANCE TO PATIENT POPULATION AT ALL GEOGRAPHICAL LOCATIONS (MEDIKIOSK) • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

228.	46S_BE_2728	AI BASED AUTOMATIC LAKE CLEANING ROBOT <ul style="list-style-type: none"> BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU
229.	46S_BE_1706	DESIGN OF RIVER WASTE WATER COLLECTOR USING ARDUINO <ul style="list-style-type: none"> BASAVAKALYAN ENGINEERING COLLEGE, BASAVAKALYANA
230.	46S_BE_0331	VOICE BASED E-DOCTOR CHATBOT APPLICATION FOR PHYSICALLY CHALLENGED PEOPLE <ul style="list-style-type: none"> BILURU GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL, BAGALKOT
231.	46S_BE_1339	PRISTINEPROBOT: SURVEILLANCE BOT TO SURVEY THE FEASIBILITY OF VEHICLE MOVEMENT <ul style="list-style-type: none"> BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU
232.	46S_BE_1629	AN IOT SYSTEM FOR REAL TIME MONITORING AND CONTROLLING WASTE WATER <ul style="list-style-type: none"> C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR
233.	46S_BE_0078	DYNAMIC GESTURE RECOGNITION <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
234.	46S_BE_0490	A NOVEL APPROACH TO TACKLE MOVIE PIRACY ENIGMA EMPLOYING AUTOMATED INFRARED TRANSMITTER SCREEN SYSTEM AND MODULO OPERATOR PLANTED STEGANOANALYSIS TECHNIQUES <ul style="list-style-type: none"> EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU
235.	46S_BE_3375	SENSOR BASED WASTE WATER MONITORING FOR AGRICULTURE USING IOT <ul style="list-style-type: none"> G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR
236.	46S_BE_0405	GPS TRACKING SYSTEM FOR DEMENTIA PATIENTS <ul style="list-style-type: none"> GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
237.	46S_BE_4565	OCULAR BASED WHEELCHAIR ACTUATOR SYSTEM FOR AMYOTROPHIC LATERAL SCLEROSIS(ALS) IMPAIRED PATIENTS <ul style="list-style-type: none"> H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU
238.	46S_BE_1997	SMART EYE TYPING APPLICATION USING EYE GAZE RECOGNITION AND VIRTUAL KEYBOARD <ul style="list-style-type: none"> HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI
239.	46S_BE_0094	FARMER HELPDESK APMC-APP <ul style="list-style-type: none"> JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE
240.	46S_BE_2672	HAND GESTURE RECOGNITION AND TEXT VOICE CONVERSION FOR DEAF AND DUMB <ul style="list-style-type: none"> JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA
241.	46S_BE_4628	VIDEO SUMMARIZATION FOR CCTV FOOTAGE <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
242.	46S_BE_3350	SMART RECOMMENDATION SYSTEM TO IDENTIFY LATE LEAF SPOT AND RUST DISEASE OF GROUNDNUT USING DEEP CONVOLUTIONAL NEURAL NETWORKS <ul style="list-style-type: none"> K.L.E. TECHNOLOGICAL UNIVERSITY, HUBBALLI
243.	46S_BE_2049	USER-FRIENDLY HAND GESTURE VOCALIZER FOR AGED OR PHYSICALLY CHALLENGED PEOPLE <ul style="list-style-type: none"> K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI
244.	46S_BE_3077	IMPLEMENTATION OF DRONE IN THE AUTONOMOUS CAR USING IOT <ul style="list-style-type: none"> K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
245.	46S_BE_1703	MEMBERSHIP INTERFACE ATTACK AND DEFENSE FOR DEFENSE FOR WIRELESS SIGNAL CLASSIFIERS WITH DEEP LEARNING <ul style="list-style-type: none"> LINGARAJAPPA ENGINEERING COLLEGE, BIDAR
246.	46S_BE_4447	ENCEPHALON - SOLVE AND LEARN <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
247.	46S_BE_4513	STUDENT'S SOUL: THE NON TRANSFERABLE TOKEN <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
248.	46S_BE_0918	EARLY DETECTION AND CLASSIFICATION OF ARECA NUT (BETEL NUT) DISEASES AND REMEDIAL SUGGESTIONS TO PROTECT CROP YIELDS. <ul style="list-style-type: none"> NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
249.	46S_BE_4880	SMART FOOD DETECTION <ul style="list-style-type: none"> P.A. COLLEGE OF ENGINEERING, MANGALURU
250.	46S_BE_4336	ELECTRONIC NOTICE BOARD WITH VOICE BOT <ul style="list-style-type: none"> PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE

251.	46S_BE_3815	ADAPTIVE ANOMALY DETECTION SYSTEM FOR SOFTWARE DEFINED NETWORKS <ul style="list-style-type: none"> R.V. COLLEGE OF ENGINEERING, BENGALURU
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COMPUTER SCIENCE AND ENGINEERING (25)

4 Awards

Venue : "CHARLES BABBAGE" (206 - AIML Lab), Second Floor, AIET Block-A

Jury : Dr. KOTA SOLOMON RAJU
 PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (25)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
252.	46S_BE_4052	MORSE CODE BASED SECURED AUTHENTICATION SYSTEM <ul style="list-style-type: none"> RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI
253.	46S_BE_0978	DEVELOPMENT OF AN UNMANNED SURFACE RESCUE VEHICLE: AN I.M.S (INDIGENOUS MARINE SAVIOUR) AS A LIFE SAVING DEVICE FOR SEARCH AND RESCUE <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
254.	46S_BE_4495	FINGERPRINT BASED VOTING MACHINE <ul style="list-style-type: none"> S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
255.	46S_BE_1406	PHISHING WEBSITE DETECTION PLUGIN USING MACHINE LEARNING <ul style="list-style-type: none"> S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE
256.	46S_BE_5108	DHVANI:-A SIGN LANGUAGE TRANSLATOR FOR DEAF-MUTE <ul style="list-style-type: none"> S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAV
257.	46S_BE_0218	VOICE STUTTER DETECTION AND CORRECTION <ul style="list-style-type: none"> SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
258.	46S_BE_0224	IDENTIFICATION OF SNAKE USING IT'S BIT MARK <ul style="list-style-type: none"> SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
259.	46S_BE_0443	ENERGY MONITORING SMART SOCKET <ul style="list-style-type: none"> SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
260.	46S_BE_0701	DOMESTIC WATER SUPPLY MONITORING AND WATER THEFT IDENTIFICATION SYSTEM <ul style="list-style-type: none"> SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU
261.	46S_BE_1058	SMART HELMET WITH INTEGRATED AIR BAG SYSTEM <ul style="list-style-type: none"> SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU
262.	46S_BE_1453	REAL TIME VOICE CLONING <ul style="list-style-type: none"> SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU
263.	46S_BE_4383	SOLAR POWERED ELECTRIC VEHICLE CHARGING STATION USING IOT <ul style="list-style-type: none"> SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU
264.	46S_BE_5406	SPIT SENSING AND MONITORING <ul style="list-style-type: none"> SHARNBASVA UNIVERSITY, KALABURAGI
265.	46S_BE_1359	ECG BASED HEART ABNORMALITY DETECTION AND MYOCARDIAL INFARCTION PREDICTION <ul style="list-style-type: none"> SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
266.	46S_BE_5281	NOISE REMOVAL, FEATURE EXTRACTION, AND CLASSIFICATION OF ENVIRONMENTAL SOUND <ul style="list-style-type: none"> SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU
267.	46S_BE_4415	SMART AI BASED TRAFFIC CONTROL SYSTEM <ul style="list-style-type: none"> Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
268.	46S_BE_1349	CHATURA SURAKSHA KAVACHA - THE SMART SAFETY HELMET FOR MINE WORKERS <ul style="list-style-type: none"> SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG
269.	46S_BE_3607	VINETRA PARIJANA - SMART CANE AND GLASS FOR VISUALLY IMPAIRED PEOPLE <ul style="list-style-type: none"> SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG
270.	46S_BE_4645	QR CODE - JACKING, AN AUTOMATED PHISHING TOOL <ul style="list-style-type: none"> SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
271.	46S_BE_2469	COLLEGE AUTOMATION APP <ul style="list-style-type: none"> SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU
272.	46S_BE_4138	CLASSIFICATION OF B-CELL LYMPHOBLASTS V/S NORMAL CELLS IN WBC <ul style="list-style-type: none"> UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE

273.	46S_BE_3938	FAST AND RELIABLE DEEP LEARNING METHOD TO CLASSIFY COVID-19, PNEUMONIA, AND TUBERCULOSIS USING HUMAN CHEST X-RAY IMAGES <ul style="list-style-type: none"> UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING, BENGALURU
274.	46S_BE_1199	SMART VOTING SYSTEM USING FACE RECOGNITION <ul style="list-style-type: none"> VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
275.	46S_BE_1180	CLASSIFICATION AND GRADING OF ARECUNUT USING IOT AND MACHINE LEARNING APPROACHES <ul style="list-style-type: none"> VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA
276.	46S_BE_2724	ARECA MITRA - MOBILE APPLICATION TO DETECT ARECANUT DISEASE USING MACHINE LEARNING (WITH THE ASSISTANCE OF CPCRI) <ul style="list-style-type: none"> VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

INFORMATION SCIENCE AND ENGINEERING (19)

MASTER OF COMPUTER APPLICATION (1)

4 Awards

Venue : "DENNIS RITCHIE" (306 - ISE Lab), Third Floor, AIET Block-A

Jury : Dr. ASHOK RAO

FORMER NETWORK PROJECT MANAGER, CEDT, INDIAN INSTITUTE OF SCIENCE, BENGALURU

INFORMATION SCIENCE AND ENGINEERING (19)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
372.	46S_BE_2483	LOAD-BOT <ul style="list-style-type: none"> A.P.S. COLLEGE OF ENGINEERING, BENGALURU
373.	46S_BE_2047	ANN-NS OPTIMIZATION ALGORITHM-BASED SMART POWER GENERATION SYSTEM USING PIEZOELECTRIC ON IOT FOR SMART CITIES <ul style="list-style-type: none"> ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
374.	46S_BE_3858	PEDESTRIAN NAVIGATION BASED ON ILLUMINATION FOR SMART CITIES <ul style="list-style-type: none"> B.M.S. COLLEGE OF ENGINEERING, BENGALURU
375.	46S_BE_3990	MILITARY GRADE FPV DRONE FOR ENEMY RECOGNITION <ul style="list-style-type: none"> DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
376.	46S_BE_0109	INTERNET OF THINGS BASED SMART AGRICULTURE TOWARDS MAKING THE FIELDS TALK <ul style="list-style-type: none"> EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU
377.	46S_BE_1134	THYAAJYA-VARNABEDHA-SAADHANA (INTELLIGENT WASTE MANAGEMENT WITH REWARD SYSTEM) <ul style="list-style-type: none"> G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
378.	46S_BE_5155	BRAIN COMPUTER INTERFACE FOR EMERGENCY COMMANDS <ul style="list-style-type: none"> GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
379.	46S_BE_3573	SMART MEDBOX USING IOT <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
380.	46S_BE_5057	AUTOMATIC WATER PUMPING SYSTEM FOR SMART GREENHOUSE USING RENEWABLE ENERGY RESOURCES <ul style="list-style-type: none"> N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU
381.	46S_BE_4815	SYNERGETIC FRAMEWORK FOR EYEBALL MOUSE AND GESTURE RECOGNITION USING AI <ul style="list-style-type: none"> NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
382.	46S_BE_1330	BIOMETRIC AUTHENTICATION IN ATMS USING RFID <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
383.	46S_BE_3526	REAL TIME DETECTION AND PREDICTION OF AGRICULTURAL LAND DEGRADATION FROM URBANIZATION INTRUSION USING SATELLITE IMAGERY. <ul style="list-style-type: none"> P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA
384.	46S_BE_1519	EFFECTIVE UTILIZATION AND MANAGEMENT OF LEFT OVER FOOD <ul style="list-style-type: none"> R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
385.	46S_BE_4887	AI MODERATION OF CHATBOX IN THE INDOOR TO GUIDE VISUALLY IMPAIRED PEOPLE NAVIGATION <ul style="list-style-type: none"> R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU
386.	46S_BE_0805	MULTIPURPOSE WATER MANAGEMENT FOR REVERSE OSMOSIS (RO) DISSIPATED WATER <ul style="list-style-type: none"> S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
387.	46S_BE_1773	BLOCKCHAIN BASED FAKE PRODUCT IDENTIFICATION SYSTEM - USING QUICK RESPONSE CODE FOR MAKE IN INDIA PRODUCTS. <ul style="list-style-type: none"> SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
388.	46S_BE_3315	LOW COST COMPUTER SETUP FOR RURAL SCHOOLS AND PANCHAYAT USING DEVOPS <ul style="list-style-type: none"> SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU

389.	46S_BE_1545	DEVICE TO AID THE VISUALLY IMPAIRED PEOPLE (USING ULTRASONIC SENSORS AND MACHINE LEARNING) <ul style="list-style-type: none"> SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU
390.	46S_BE_3642	GRAPE LEAF DISEASE IDENTIFICATION USING CNN AND LORA TECHNOLOGY <ul style="list-style-type: none"> THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

MASTER OF COMPUTER APPLICATION (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
395.	46S_MCA_001	DESIGN AND DEVELOPMENT OF AN ANDROID BASED CLASSIFICATION MODEL FOR ARECANUT LEAF DISEASE DETECTION USING DEEP LEARNING TECHNIQUES <ul style="list-style-type: none"> R.V. COLLEGE OF ENGINEERING, BENGALURU

ELECTRICAL AND ELECTRONICS ENGINEERING (27), POWER AND ENERGY SYSTEMS (1)

5 Awards

Venue : "THOMAS ALVA EDISON" (Basic Electrical Lab, Project Lab), First Floor, AIET Block-B

Jury : Dr. U. J. SHENOY

FORMER CHIEF RESEARCH SCIENTIST, DEPARTMENT OF ELECTRICAL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

Dr. B. SUBBA REDDY

CHIEF RESEARCH SCIENTIST, DEPARTMENT OF ELECTRICAL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

ELECTRICAL AND ELECTRONICS ENGINEERING (27)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
277.	46S_BE_5054	DESIGN, DEVELOPMENT AND PERFORMANCE ANALYSIS OF MULTI-TASK, MULTI-TANK WATER LEVEL CONTROLLER WITH AUTOMATED POWER SUPPLY FOR MULTISTORE BUILDINGS. <ul style="list-style-type: none"> B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
278.	46S_BE_2154	AI BASED VIRTUAL PRESENCE ROBO <ul style="list-style-type: none"> C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU
279.	46S_BE_3867	MULTI-TERRAIN ROBOT - ROCKER BOGIE DESIGN <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
280.	46S_BE_1390	ELECTRICITY PRODUCTION USING BIOGAS FOR RURAL AREA <ul style="list-style-type: none"> DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU
281.	46S_BE_2534	DESIGN AND FABRICATION OF H-TYPE DARRIEUS VERTICAL AXIS WIND TURBINE. <ul style="list-style-type: none"> Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU
282.	46S_BE_3098	FARMER GREEN E-CART <ul style="list-style-type: none"> GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
283.	46S_BE_4025	MODELING OF AUTOMATIC RAILWAY TRACK CLEANING ROBOT <ul style="list-style-type: none"> GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN
284.	46S_BE_2226	DESIGN AND IMPLEMENTATION OF HYBRID POWERED MULTIFUNCTION BICYCLE <ul style="list-style-type: none"> HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI
285.	46S_BE_4533	IOT BASED INTELLIGENT OUTDOOR AQUAPONICS WITH AUTOMATED GROW LIGHTS <ul style="list-style-type: none"> JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA
286.	46S_BE_4973	DYNAMIC SELF CHARGING ELECTRIC VEHICLE <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
287.	46S_BE_4993	EXO-SKELTON ARM FOR TREATMENT OF PARALYSIS PATIENT <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
288.	46S_BE_2072	3D PRINTER USING ARDUINO MEGA AND RAMPS 1.4 BOARD <ul style="list-style-type: none"> K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA
289.	46S_BE_4719	DESIGN AND HARDWARE IMPLEMENTATION OF PV-STATCOM FOR POWER QUALITY IMPROVEMENT <ul style="list-style-type: none"> M.V.J. COLLEGE OF ENGINEERING, BENGALURU
290.	46S_BE_4722	DESIGN AND IMPLEMENTATION OF PELTIER BASED MOBILE SOLAR VACCINE REFRIGERATOR <ul style="list-style-type: none"> M.V.J. COLLEGE OF ENGINEERING, BENGALURU
291.	46S_BE_4033	NON-INVASIVE ULTRASONIC FLOW METER <ul style="list-style-type: none"> N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE
292.	46S_BE_0001	DESIGN AND FABRICATION OF QUAD BIKE FOR PHYSICALLY CHALLENGED <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
293.	46S_BE_5287	FITJET <ul style="list-style-type: none"> R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

294.	46S_BE_3975	SMART AEROPONICS • R.V. COLLEGE OF ENGINEERING, BENGALURU
295.	46S_BE_4352	THUMB START EV • RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
296.	46S_BE_2162	DESIGN & IMPLEMENTATION OF SPY STONE IN DEFENCE SURVEILLANCE • REVA UNIVERSITY, BENGALURU
297.	46S_BE_0072	DEVELOPMENT OF LOW-COST SUSTAINABLE 3D-PRINTER USING WASTE PLASTIC • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
298.	46S_BE_5308	DESIGN OF LOW FLYING DRONE FOR ELECTRICAL INSULATION INSPECTION – JATAYU • SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU
299.	46S_BE_5445	SMART STREET LIGHTING SYSTEM FOR SMART CITIES IN INDIA • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
300.	46S_BE_5171	DYNAMIC HYBRID WIRELESS CHARGING ON ROAD • SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY, HAVERI
301.	46S_BE_3726	PERFORMANCE ANALYSIS OF SMART CHARGING AND BILLING TROLLEY USING RFID SENSOR • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
302.	46S_BE_5025	AUTOMATED GUIDED VEHICLE WITH LOAD BALANCING AND DETACHABLE SOLAR PANEL • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
303.	46S_BE_5042	SUSTAINABLE AND ADAPTIVE BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

POWER AND ENERGY SYSTEMS (1)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
442.	46S_MTech_002	DEVELOPMENT OF LOW COST MODIFIED HYBRID BIKE FOR RURAL AREA • REVA UNIVERSITY, BENGALURU

ELECTRONICS AND COMMUNICATION ENGINEERING (61)

ELECTRONICS AND INSTRUMENTATION ENGINEERING (1)

ELECTRONICS AND TELECOMMUNICATION ENGINEERING (3)

INTERDISCIPLINARY - MECH AND CSE (1)

11 Awards

Venue : "SUNITA WILLIAMS" (HDL Lab, Project Lab, D&A Lab), Third Floor, AIET Block-B

Juries : Dr. KRISHNA KUMAR M

FORMER PRINCIPAL RESEARCH SCIENTIST, DEPARTMENT OF ELECTRONIC SYSTEMS ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

Dr. ARUN KUMAR J G

SCIENTIST F, PRODUCT DESIGN AND ENGINEERING,
CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE, BENGALURU

ELECTRONICS AND COMMUNICATION ENGINEERING (61)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
304.	46S_BE_1193	AUTOMATIC HARVESTER FOR TUBEROSE • A.M.C. ENGINEERING COLLEGE, BENGALURU
305.	46S_BE_5359	LAND SURVEY AND MAPPING FOR AGRICULTURE PURPOSE USING UAV • ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU
306.	46S_BE_1783	ARDUINO BASED AUTOMATIC SEED SOWING AND SPRAYING AGRICULTURE ROBOT • ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
307.	46S_BE_2282	IOT BASED REAL TIME MONITORING AND CONTROL SYSYEM FOR MUSHROOM FARM • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI
308.	46S_BE_0882	LOW-COST SELF-CHARGING HYBRID ELECTRIC BICYCLE • AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI
309.	46S_BE_3001	DUAL MODE MULTIFUNCTIONAL AUTOMATIC GRASS CUTTER • ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL
310.	46S_BE_1687	IOT BASED SMART SHOE • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
311.	46S_BE_2310	HAND GESTURE CONTROLLED ROCKER-BOGIE • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
312.	46S_BE_3324	DIGITAL LIGHT PROCESSING AND FUSED DEPOSITION MODELING 3D PRINTER • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
313.	46S_BE_2131	UNDER GROUND CABLE FAULT DETECTION • B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
314.	46S_BE_1342	FAULT DETECTION OF UNDERGROUND POWER CABLES USING ARDUINO • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

315.	46S_BE_1573	DESIGN OF A REMOTELY CONTROLLED QUADRUPED ROBOT FOR EVALUATION OF UNDERGROUND MINES • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
316.	46S_BE_2515	HOT BEVERAGE VENDING MACHINE • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
317.	46S_BE_2913	DESIGN AND IMPLEMENTATION OF CHICKEN EGG INCUBATOR FOR HATCHING USING IOT. • C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU
318.	46S_BE_3544	VISION BASED CLOG REMOVER IN NARROW SEWER PIPELINES • C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU
319.	46S_BE_0769	SMART AND EASY PARKING SOLUTION FOR AGED OR PHYSICALLY CHALLENGED PEOPLE • C.M.R. UNIVERSITY, BENGALURU
320.	46S_BE_2545	ASSISSTIVE PROSTHETIC ARM • CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU
321.	46S_BE_4028	MULTI CONTROLLED ELECTRIC WHEELCHAIR • CANARA ENGINEERING COLLEGE, MANGALURU
322.	46S_BE_4080	AUTOMATED REHABILITATION GLOVES • CANARA ENGINEERING COLLEGE, MANGALURU
323.	46S_BE_3949	SIMPLE AND CREATIVE 220V WATER TURBINE PERMANENT GENERATOR • CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
324.	46S_BE_2153	DESIGN AND IMPLEMENTATION OF SMART PROSTHETIC HAND USING ARTIFICIAL INTELLIGENCE • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
325.	46S_BE_3845	TOMATO PLANT LEAF DISEASE IDENTIFICATION AND PREVENTION USING IMAGE PROCESSING AND IOT • Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR
326.	46S_BE_4405	IMPLEMENTATION OF ANTI GLARE HIGH BEAM AND BENDING LIGHTS FOR VEHICLES • EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU
327.	46S_BE_3743	DESIGN AND DEVELOPMENT OF PROSTHETIC MODEL FOR DISABLED • GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
328.	46S_BE_5272	SILKWORM MONITORING SYSTEM USING IOT • GOVERNMENT ENGINEERING COLLEGE, DODDAMANNUGUDDE, RAMANAGARA
329.	46S_BE_2038	MANHOLE MONITORING SYSTEM • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
330.	46S_BE_2176	DEVELOPMENT OF AN AUTOMATED BOOK HANDLING SYSTEM FOR LIBRARIES. • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
331.	46S_BE_3878	SMART SERICULTURE SYSTEM • JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
332.	46S_BE_4476	SMART SYSTEM FOR MONITORING AND FILTRATION OF CORPORATION DRINKING WATER • JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
333.	46S_BE_0277	BUS TRACKING AND TRANSPORTATION MANAGEMENT IN RURAL AREA • JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI
334.	46S_BE_0309	CHANAKSHA KHOLAKA: AN IOT BASED SMART HELMET FOR INDUSTRIAL AND MINING WORKERS • JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI
335.	46S_BE_3181	MOBILITY AND HEALTH MONITOR ASSISTING BOT FOR DISABLED • JAIN COLLEGE OF ENGINEERING, BELAGAVI
336.	46S_BE_1512	SMART FARMING USING MULTI-FUNCTIONAL AGRIBOT • JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA
337.	46S_BE_2472	HYBRID POWER GRID BASED ON IOT • K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
338.	46S_BE_1250	EYE TRACKING SYSTEM FOR APPLIANCE CONTROL BY PARALYZED PATIENTS • K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU
339.	46S_BE_3638	ARECANUT GRADING MACHINE • K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
340.	46S_BE_1187	AI-BASED EMOTION RECOGNITION FROM SPEECH/AUDIO FILE • LINGARAJAPPA ENGINEERING COLLEGE, BIDAR
341.	46S_BE_0649	MEDICAL BED WITH INTEGRATED TOILET SYSTEM • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
342.	46S_BE_5436	DESIGN AND IMPLEMENTATION OF SWALLOW AND RESPIRATORY MONITORING SYSTEM • N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU
343.	46S_BE_2022	IOT BASED SMART HOME SYSTEMS FOR SPECIALLY ABLED AND AGED USERS • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
344.	46S_BE_5201	A BIOMECHANICAL DEVICE FOR ACQUISITION AND ASSESSMENT OF PLANTAR PRESSURE • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

345.	46S_BE_5510	SOLAR ORGANIC WASTE COMPOSTER <ul style="list-style-type: none"> • RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN
346.	46S_BE_0858	AN AI DRIVEN END-TO-END SERICULTURE MANAGEMENT SYSTEM <ul style="list-style-type: none"> • RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
347.	46S_BE_2382	"SMART BABY CRADLE USING IOT" <ul style="list-style-type: none"> • RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI
348.	46S_BE_2625	HYBRID E-VTOL AIRCRAFT <ul style="list-style-type: none"> • REVA UNIVERSITY, BENGALURU
349.	46S_BE_5516	IMPLEMENTATION OF EYEBALL CONTROLLED WHEEL CHAIR <ul style="list-style-type: none"> • REVA UNIVERSITY, BENGALURU
350.	46S_BE_1122	AUTOMATIC ENGLISH TO BRAILLE TRANSLATOR <ul style="list-style-type: none"> • S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE
351.	46S_BE_1415	AN APPROACH TO DIAGNOSE HEART ARRHYTHMIA DISORDERS USING EMBEDDED MACHINE LEARNING <ul style="list-style-type: none"> • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI
352.	46S_BE_0561	DIAGNOSIS OF DIABETIC RETINOPATHY USING DEEP LEARNING ALGORITHMS <ul style="list-style-type: none"> • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU
353.	46S_BE_0294	LOW-COST SAFETY ENHANCEMENT SYSTEM FOR THE DRIVERS ON ROAD <ul style="list-style-type: none"> • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
354.	46S_BE_0515	IMPROVING THE EFFICIENCY OF A SOLAR PV PANEL'S POWER GENERATION BY USING A DUAL-AXIS TRACKER WITH A COOLING SYSTEM <ul style="list-style-type: none"> • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
355.	46S_BE_4160	E-DEFENCE FOR WOMEN SAFETY USING GSM&GPS WITH ELECTRIC SHOCK GENERATING SANDAL <ul style="list-style-type: none"> • SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
356.	46S_BE_4915	PROGRESSIVE BRAILLE LEARNING KIT WITH INTREFACE <ul style="list-style-type: none"> • SHARNBASVA UNIVERSITY, KALABURAGI
357.	46S_BE_2016	VISUAL ASSISTANT FOR BLIND PEOPLE USING RASPBERRY PI (CAP) <ul style="list-style-type: none"> • SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG
358.	46S_BE_3103	MEDICINE NAMES AND CURRENCY DETECTION USING MACHINE LEARNING FOR VISUALLY IMPAIRED PEOPLE <ul style="list-style-type: none"> • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
359.	46S_BE_5072	TO CONVERT EXISTING 3D PRINTING MACHINE TO LAZER ENGRAVER <ul style="list-style-type: none"> • SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU
360.	46S_BE_3721	AN ENERGY EFFICIENT WEARABLE SMART IOT SYSTEM TO PREDICT CARDIAC ARREST <ul style="list-style-type: none"> • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
361.	46S_BE_4569	BOMB DISPOSAL ROBOT <ul style="list-style-type: none"> • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
362.	46S_BE_2439	SMART POWER MONITORING SYSTEM USING IOT <ul style="list-style-type: none"> • VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA
363.	46S_BE_0953	BIDIRECTIONAL SOLAR ENERGY METER <ul style="list-style-type: none"> • YENEPLOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU
364.	46S_BE_1203	AGRICOPTER <ul style="list-style-type: none"> • YENEPLOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU

ELECTRONICS AND INSTRUMENTATION ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
365.	46S_BE_5449	CARE-BOT: SMART IOT DEVICE FOR HEALTH MONITORING AND HOME AUTOMATION. <ul style="list-style-type: none"> • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

ELECTRONICS AND TELECOMMUNICATION ENGINEERING (3)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
366.	46S_BE_0341	BIOELECTRICITY GENERATION FROM SEWAGE WATER <ul style="list-style-type: none"> • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
367.	46S_BE_0038	MULTILINGUAL OCR, TTS AND GOOGLE ASSISTED EYEWEAR FOR VISUALLY IMPAIRED USERS <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
368.	46S_BE_0058	POWER GENERATION AT HIGHWAYS USING VERTICAL WINDMILL, EFFICIENT SOLAR SYSTEM AND IOT <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU

INTERDISCIPLINARY (MECHANICAL AND COMPUTER SCIENCE) (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
391.	46S_BE_0547	DESIGN AND DEVELOPMENT OF AN AUTONOMOUS GROUND VEHICLE FOR WAREHOUSE MANAGEMENT <ul style="list-style-type: none"> • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012

46th series of Student Project Programme (SPP): 2022-23

**State Level Seminar and Exhibition on 11th and 12th August 2023 at
Alva's Institute of Engineering and Technology, Moodubidire**

Date : 12th August 2023

Time: 3:00 PM

Venue : AIET Auditorium, Alva's Institute of Engineering and Technology
Shobhavana Campus, Mijar, Moodubidire

VALEDICTORY FUNCTION

03:00 PM – 03:05 PM **Invocation**

03:05 PM – 03:10 PM **Welcome Address:**

Dr. U T Vijay

Executive Secretary,

Karnataka State Council for Science & Technology, Bengaluru

03:10 PM – 03:20 PM **Address by Chief Guest::**

Prof. Ashok M Raichur

Secretary, Karnataka State Council for Science and Technology and

Professor, Dept., of Materials Engineering, Indian Institute of Science

03:20 PM – 03:25 PM **Presidential Address:**

Sri. Vivek Alva

Managing Trustee, Alva's Education Foundation

03:25 PM – 04:15 PM **Presentation of Best Projects of the Year Awards**

04:15 PM – 04:25 PM **Vote of Thanks:**

Dr. Peter Fernandes

Principal,

Alva's Institute of Engineering and Technology, Moodubidire

04:25 PM – 05:00 PM **High Tea at Food Court, AIET**

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