

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST), BANGALORE
and
SHREE DHARMASTHALA MANJUNATHESHWARA INSTITUTE OF TECHNOLOGY (SDMIT), UJIRE
35th Series - Seminar and Exhibition of Student Project Programme
13th and 14th July 2012

Date : 13th July 2012

Time: 10.00 AM

Venue : SDM College of Naturopathy and Yogic Sciences, Ujire

INAUGURAL FUNCTION

09.00 AM – 10.00 AM	Registration
10.00 AM – 10.05 AM	Invocation Mr. Shreesha G. Bhat Student, SDMIT, Ujire
10.05 AM – 10.15 AM	Welcome Address Dr. Rajkiran Ballal Principal, SDMIT, Ujire Floral Welcome
10.15 AM – 10.25 AM	Introductory Remarks - SPP Dr. S. G. Sreekanteswara Swamy Fellow, KSCST, Bangalore
10.25 AM – 10.40 AM	Lighting the Lamp and Inaugural Address Prof. B. N. Raghunandan Divisional Chairman, Earth and Environmental Sciences Indian Institute of Science, Bangalore
10.40 AM – 10.45 AM	Greetings and Messages Dr. M. G. Anantha Prasad Department of Mechanical Engineering, SDMIT, Ujire
10.45 AM – 11.00 AM	Address by Guest of Honour Prof. M. S. Mohan Kumar Secretary, KSCST, Bangalore
11.00 AM – 11.10 AM	Release of SPP Compendium Prof. S. Prabhakar Vice President, SDM Educational Society, Ujire Release of Biofuel projects Compendium Shri D. Harshendra Kumar Secretary, SDM Educational Society, Ujire
11.10 AM – 11.25 AM	Presidential Remarks Padmabhushana Dr. D. Veerendra Heggade President, SDM Educational Society, Ujire
11.25 AM – 11.30 AM	Vote of Thanks Dr. M. Prithviraj Executive Secretary, KSCST, Bangalore

12.00 Noon – 01.00 PM Lecture - 1

01.00 PM - 02.00 PM Lunch

02.00 PM – 05.30 PM Students' Seminar and Projects Exhibition

TECHNICAL SESSIONS

Friday, 13th JULY, 2012

12.00 Noon – 1.00 PM LECTURE - 1

Topic : Ramanujan's Mathematics - Simple Illustrations

- By Prof. R. Vittal Rao

Department of Electronic Systems Engineering

Indian Institute of Science, Bangalore

Venue : SDM College of Naturopathy and Yogic Sciences, Ujire

SEMINAR

SESSION 1:

Friday, 13th July, 2012

Venue : III Floor, Lecture Hall 13, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. H. N. Chanakya

Chief Research Scientist, Centre for Sustainable Technologies,

Indian Institute of Science, Bangalore

BIOTECHNOLOGY

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1.	35S0250	EVALUATION OF HYPOGLYCEMIC AND ANTIDIABETIC ACTIVITIES FROM SELECTED PLANTS – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
2.	35S0642	REMOVAL OF HEAVY METAL – CHROMIUM (VI) & NICKEL (II) FROM SYNTHETIC WASTE WATER USING IMMOBILIZED CHLORELLA SPECIES – BMS COLLEGE OF ENGINEERING, BASAVANAGUDI, BANGALORE
3.	35S0358	PURIFICATION AND CHARACTERISATION OF LIPASE FROM ASPERGILLUS SPECIES AND ITS POTENTIAL APPLICATION IN BIODIESEL PRODUCTION AND DETERGENT INDUSTRIES – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
4.	35S0608	SILVER NANOPARTICLE AS A NOVEL DRUG FOR THE TREATMENT OF ULCER IN IN-VIVO MODEL – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI

5.	35S0522	SCIENTIFIC VALIDATION FOR TRIBAL MEDICINE RELATING TO ANTIOXIDANT AND ANTICANCER ACTIVITY AGAINST MAMMARIAN CANCER CELLS (MCF-7) – CENTRE FOR SHRIDEVI RESEARCH FOUNDATION, TUMKUR
6.	35S0590	OPTIMISATION AND KINETICS STUDIES OF CHROMIUM DEGRADATION BY PSEUDOMONAS PUTIDA – KLE SOCIETY'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BELGAUM
7.	35S0234	OPTIMIZATION OF SOLID STATE FERMENTATION FOR ENHANCED PRODUCTION OF LOVASTATIN BY RESPONSE SURFACE METHODOLOGY USING ASPERGILLUS TERREUS – NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE
8.	35S0113	PRODUCTION OF HYALURONIC ACID FROM SOLID WASTE MICROBES – NMAM INSTITUTE OF TECHNOLOGY, NITTE
9.	35S0243	CONTINUOUS BIOSORPTION OF ARSENIC AND CADMIUM BY MORINGA OLEIFERA IN A PACKED COLUMN – RV COLLEGE OF ENGINEERING, BANGALORE
10.	35S1044	NEUTRALIZATION OF SNAKE VENOM BY PLA2 AND PROTEASE ACTIVITY USING THE BIOACTIVE PRINCIPLES ISOLATED FROM NOTHAPODYTES NIMMONIANA – SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR

SESSION 2:

Friday, 13th July, 2012

Venue : III Floor, Lecture Hall 16, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. Mattur C. Narasimhan

Professor, Department of Civil Engineering,

National Institute of Technology Karnataka, Surathkal

CIVIL ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
11.	35S0762	DEVELOPMENT AND STUDY OF BEHAVIOUR OF WASTE GLASS CONCRETE – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR
12.	35S0793	PERMEABILITY CHARACTERISTICS OF GEOPOLYMER CONCRETE – BASAVESWAR ENGINEERING COLLEGE, BAGALKOT
13.	35S0001	SEISMIC EVALUATION OF REINFORCED HOLLOW CONCRETE BLOCK MASONRY BUILDING MODEL – BMS COLLEGE OF ENGINEERING, BASAVANAGUDI, BANGALORE
14.	35S1035	EXPERIMENTAL INVESTIGATION ON COMPOSITE CIRCULAR COLUMNS INFILLED WITH RECYCLED CONCRETE – GHOUSIA COLLEGE OF ENGINEERING, RAMANAGARAM

15.	35S0969	ABRASION CHARACTERISTICS OF RAILWAY BALLAST – MVJ COLLEGE OF ENGINEERING, BANGALORE
16.	35S0677	PERFORMANCE OF STONE MATRIX ASPHALT (SMA) USING WASTE PLASTICS AS MODIFIER – NMAM INSTITUTE OF TECHNOLOGY, NITTE
17.	35S0183	A STUDY ON THE BEHAVIOR OF CONCRETE FILLED TUBULAR COLUMNS – SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE
18.	35S0405	MUNICIPAL SEWAGE TREATMENT IN REACTORS FILLED WITH FIBROUS PACKING MATERIALS – SJC INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR
19.	35S0551	A STUDY OF SELF COMPACTING CONCRETE PREPARED WITH COARSE RECYCLED CONCRETE AGGREGATES – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR
20.	35S0375	SOME STUDIES ON STRENGTH BEHAVIOUR OF CONCRETE DUE TO IMPROPER CASTING IN SEQUENCES – STJ INSTITUTE OF TECHNOLOGY, RANEBENNUR

SESSION 3 :

CIVIL ENGINEERING

Friday, 13th July, 2012

Venue : III Floor, Lecture Hall 17, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

**Chairman : Prof. V. Jagannath
Scientist, ISTRAC, ISRO, Bangalore**

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
21.	35S0261	IMPACT OF RECHARGE ON AQUIFER SYSTEM AND UNDERGROUND WATER QUALITY IN PARTS OF JAGALUR TALUK, (PHASE-III), DAVANAGERE DISTRICT – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
22.	35S0953	CHARACTERIZATION OF WASTE WATER GENERATED IN DECCICATED COCONUT INDUSTRIES – GLOBAL ACADEMY OF TECHNOLOGY, BANGALORE
23.	35S0292	COFFEE WASTE TREATMENT USING BIOREACTOR – MS RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE
24.	35S0681	REHABILITATION STUDIES FOR EFFECTIVE MANAGEMENT OF MICRO WATERSHEDS & TRADITIONAL RAIN WATER HARVESTING STRUCTURES IN RURAL AREAS OF COASTAL DAKSHINA KANNADA DISTRICT, KARNATAKA – NMAM INSTITUTE OF TECHNOLOGY, NITTE

25.	35S0682	QUALITY ASSESSMENT OF STP TREATED DOMESTIC SEWAGE – NMAM INSTITUTE OF TECHNOLOGY, NITTE
26.	35S0795	IDENTIFICATION AND EVALUATION OF ACTIVE QUARRIES IN MANDYA TALUK USING REMOTE SENSING AND GIS – PES COLLEGE OF ENGINEERING, MANDYA
27.	35S0983	DESIGN OF SEWAGE TREATMENT PLANT FOR HUBLI AND NAVANAGAR – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
28.	35S0308	ANALYSIS AND DESIGN OF WATER SUPPLY PIPE NETWORK SYSTEM TO TUMKUR CITY – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
29.	35S0306	AUTOMATIC REGULATION OF FLOW IN CANAL OUTLETS – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
30.	35S0554	DESIGN AND SLUICE SPILLWAY FOR PROPOSED UPPER BADRA PROJECT DAM – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

SESSION 4:

Friday, 13th July, 2012

Venue : II Floor, Lecture Hall 6, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. T. V. Prabhakar
Principal Research Scientist,
Department of Electronic Systems Engineering, IISc., Bangalore

COMPUTER SCIENCE AND ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
31.	35S0583	OPTIMIZATION OF QUALITY OF SERVICE REQUIREMENTS FOR REAL - TIME APPLICATIONS USING CROSS LAYER DESIGN – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
32.	35S0753	AUTOMATIC IDENTIFICATION OF WEEDS IN VEGETABLES USING COMBINED FEATURES OF COLOUR, TEXTURE AND SHAPE – KLE INSTITUTE OF TECHNOLOGY, HUBLI
33.	35S0722	CROP DEVELOPMENT AND PROTECTION USING E-AGRICULTURE – KLS'S VISHWANATHRAO DESHPANDE RURAL INSTITUTE OF TECHNOLOGY, HALIYAL
34.	35S0102	SPEECH TO SPEECH TRANSLATOR – NMAM INSTITUTE OF TECHNOLOGY, NITTE
35.	35S0105	VOICE BASED PUBLIC TRANSPORT ENQUIRY SYSTEM (AN AUTOMATED SYSTEM THAT PROVIDES INFORMATION ABOUT THE TRANSPORT AVAILABILITY TO THE CALLER) – NMAM INSTITUTE OF TECHNOLOGY, NITTE
36.	35S1059	EXTRACTION OF TEXT FROM IMAGES – PES COLLEGE OF ENGINEERING, MANDYA

37.	35S0443	SECURE MULTICASTING IN WIRELESS NETWORKS TO RESIST VARIOUS ATTACKS – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
38.	35S0043	ARTIFICIAL IMAGE CREATION USING FRACTAL THEORY – SDM INSTITUTE OF TECHNOLOGY, UJIRE, DHAKSHINA KANNADA
39.	35S0207	VISION BASED GAME DEVELOPMENT USING HUMAN COMPUTER INTERACTION – SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR
40.	35S0757	EDUCATIONAL ONLINE INDENT MANAGEMENT SYSTEM FOR GOVERNMENT OF KARNATAKA – SMT. KAMALA AND SHRI VENKAPPA M. AGADI COLLEGE OF ENGG., & TECH., LAXMESHWAR

INFORMATION SCIENCE AND ENGINEERING

41.	35S0775	MULTISTAGE INFORMATION HIDING USING NOVEL VISUAL CRYPTOGRAPHY – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR
42.	35S0361	AUTOMATIC DETECTION AND RECOGNITION OF TRAFFIC SIGN BOARDS – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
43.	35S0236	IMAGE SHARPENING FOR CT SCANNER – NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE
44.	35S0635	MUSICAL NOTES GENERATION – NMAM INSTITUTE OF TECHNOLOGY, NITTE
45.	35S0992	ONLINE AUTOMATION SOFTWARE FOR NATIONAL RURAL EMPLOYMENT GUARANTEE ACT USING BIOMETRIC (100 DAYS JOB GUARANTEE ACT) – SMT. KAMALA AND SHRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, LAXMESHWAR

INSTRUMENTATION TECHNOLOGY

46.	35S0284	RF CONTROLLED INTELLIGENT COMBAT ROBOT 47. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
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TELECOMMUNICATION ENGINEERING

47.	35S0298	INPAINTING AND CHARACTER RECOGNITION FOR PRESERVATION OF HERITAGE IMAGES – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
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SESSION 5 :

Friday, 13th July, 2012

Venue : II Floor, Lecture Hall 7, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Prof. Rajanikanth
Department of Electrical Engineering, IISc., Bangalore

ELECTRICAL AND ELECTRONICS ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
48.	35S0580	HYBRID TRIKE – ACHARYA INSTITUTE OF TECHNOLOGY, SOLADEVANAHALLI, BANGALORE

49.	35S1070	AUTOMATIC FLOOD MONITORING AND PROTECTION OF DAM – BASAVESWAR ENGINEERING COLLEGE, BAGALKOT
50.	35S1025	HAND TALK USING FLEX SENSORS WITH VOICE INDICATION ASSISTIVE -TECHNOLOGY FOR THE SPEECH AND HEARING IMPAIRED – KS INSTITUTE OF TECHNOLOGY, BANGALORE
51.	35S0657	SOFT - SWITCHED POWER FACTOR CONTROLLER USING 8051 MICROCONTROLLER – REVA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BANGALORE
52.	35S0037	ENERGY PARK [PICO HYDRO POWER GENERATION UNIT] – SDM INSTITUTE OF TECHNOLOGY, UJIRE, DHAKSHINA KANNADA
53.	35S0685	SMART OVERLOAD DETECTION SYSTEM – SG BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELGAUM
54.	35S0393	SINGLE PHASE HIGH FREQUENCY AC CONVERTER FOR INDUCTION HEATING APPLICATION – STJ INSTITUTE OF TECHNOLOGY, RANEBENNUR

SESSION 6 :

Friday, 13th July, 2012

Venue : II Floor, Lecture Hall 10, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. S. V. Gopalaiah
Department of Electrical Communication Engineering, IISc., Bangalore

ELECTRONICS AND COMMUNICATION

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
55.	35S0852	POWER EFFICIENT RFID COMMUNICATION PROTOCOL – GOVERNMENT ENGINEERING COLLEGE, KUSHALNAGAR, KODAGU
56.	35S0156	INTELLIGENT INTENSIVE CARE UNIT – KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR
57.	35S1053	IMPLEMENTATION OF REAL TIME HUMAN TRACKING ON FPGA – NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BANGALORE
58.	35S0831	CLINICAL E-INCINERATORS – SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALORE
59.	35S0832	MACHINE VISION SYSTEM FOR AUTOMATIC PLANT RECOGNITION AND MAINTENANCE – SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALORE
60.	35S0192	CREDIT CARD SECURITY IN REAL TIME APPLICATION USING GSM TECHNOLOGY – SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR
61.	35S0294	SMART FARMER ASSISTANT – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
62.	35S0087	DETECTION OF COPY - MOVE FORGERY IN DIGITAL IMAGES – THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE

63.	35S0957	EXTRACTION OF FETAL ELECTRODIAGRAM USING ADAPTIVE NEURO-FUZZY INFERENCE SYSTEMS – UNIVERSITY BDT COLLEGE OF ENGINEERING, DAVANGERE
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BIOMEDICAL ENGINEERING

64.	35S0244	DEVELOPMENT OF ELECTRONIC NOSE FOR DIAGNOSIS OF LUNG CANCER AT EARLY STAGE – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
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SESSION 7 :

Friday, 13th July 2012

Venue : II Floor, Lecture Hall 9, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. K. Venkateswarlu
Scientist, National Aerospace Laboratories

INDUSTRIAL PRODUCTION ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
65.	35S0275	DESIGN AND FABRICATION OF INSTRUMENTED LOW VELOCITY IMPACT TESTING MACHINE – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE

AUTOMOBILE ENGINEERING

66.	35S0355	VARIABLE VALVE TIMING USING CONTINUOUSLY VARIABLE TRANSMISSION – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
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MECHANICAL ENGINEERING

67.	35S0514	EXPERIMENTAL INVESTIGATION OF LOCAL HEAT TRANSFER CHARACTERISTICS IN A SQUARE DUCT WITH DELTA WING VORTEX GENERATOR – BLDEA'S DR. PGH COLLEGE OF ENGINEERING AND TECHNOLOGY, BIJAPUR
68.	35S0827	FABRICATION AND PERFORMANCE TESTING OF EFFICIENT STOVE FOR RURAL USE – DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE
69.	35S0228	CONDITION MONITORING OF MACHINE TOOLS USING VIBRATION SIGNALS – JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIMOGA
70.	35S0618	PERFORMANCE STUDIES WITH BIODIESEL VAPOUR INDUCTION IN A SINGLE CYLINDER DIESEL ENGINE – PA COLLEGE OF ENGINEERING, MANGALORE
71.	35S0436	FINITE ELEMENTAL ANALYSIS OF ASYMMETRIC SPUR GEAR TEETH – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
72.	35S0830	PERFORMANCE IMPROVEMENT AND REDUCTION OF EMISSION USING BI-METALLIC METALLIC PISTON CI-ENGINE WITH ALTERNATIVE FUELS – RAO BHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BELLARY
73.	35S0600	A NOVEL STUDY ON USE OF STRIGHT VEGETABLE OILS AS A FUEL FOR DIESEL PUMPSET – SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE

74.	35S0544	CONTROL OF AN ELECTROMECHANICAL CAMLESS VALVE ACTUATOR – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR
75.	35S0538	DESIGN AND FABRICATION OF EXOSKELETON FOR HUMAN PERFORMANCE AUGMENTATION – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR
76.	35S0536	MECHANICAL PROPERTIES OF NATURAL FIBRE REINFORCED POLYMER HYBRID BIO-COMPOSITES – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

SESSION 8 :

Friday, 13th July, 2012

Venue : III Floor, Lecture Hall 12, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Dr. J. R. Mudakavi
Principal Research Scientist
Department of Chemical Engineering, Indian Institute of Science

CHEMICAL ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
77.	35S0258	PRODUCTION OF SYNTHETIC ZEOLITES AND STUDY OF THEIR PROPERTIES – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
78.	35S0982	ENERGY RECOVERY FROM ORGANIC WASTE – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
79.	35S0981	SYNTHESIS, CHARACTERIZATION AND APPLICATION OF NANO-METAL OXIDE POLYMER COMPOSITES – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

TEXTILE ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
80.	35S0287	SILK FIBROIN COATED ANTI-MICROBIAL MEDICAL TEXTILE PRODUCTS – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE

ENVIRONMENTAL ENGINEERING

81.	35S0770	A STUDY ON UTILIZATION OF GROUNDNUT SHELL AS BIOSORBENT FOR HEAVY METALS REMOVAL – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR
82.	35S0767	BRIQUETTING AGRICULTURAL WASTE AS AN ENERGY SOURCE – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR
83.	35S0769	WATER AUDIT OF YAGACHI RESERVOIR – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR

84.	35S0839	UTILIZATION OF GRANITE PROCESSED WASTE IN BUILDING MATERIAL – SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE
85.	35S0310	BIOENCAPTUREMENT OF CHROMIUM (CR VI) USING ASPERGILLUS NIGER – VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE
86.	35S0318	PHOTOCATALYSIS - AN EFFECTIVE TREATMENT FOR TEXTILE WASTEWATER – VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE

SESSION 9 : Seminar on Biofuel Projects

Friday, 13th July, 2012

Venue : III Floor, Seminar Hall 1, SDMIT, Ujire

Time : 02.00 PM – 06.00 PM

**Chairman : Prof. H. G. Nagendra,
Head, Department of Biotechnology
Sir M V Institute of Technology, Bangalore**

List of B.E. Projects on Biofuels

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1.	35S_B001	STATISTICAL AND REGRESSION ANALYSIS OF CUTTING FORCE AND SURFACE ROUGHNESS UNDER VEGETABLE BASED CUTTING FLUID ON TURNING AA6061 • MALNAD COLLEGE OF ENGINEERING, HASSAN
2.	35S_B003	PERFORMANCE AND EMISSION STUDY OF CERAMIC COATED C I ENGINE UNDER MIXTURE OF PONGAM AND JATROPHA BIODIESEL • MALNAD COLLEGE OF ENGINEERING, HASSAN
3.	35S_B005	EXPERIMENTAL STUDY ON PERFORMANCE OF DIESEL ENGINE USING BIO DIESEL (METHYL ESTER OF CASTOR OIL) • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, YELAHANKA, BANGALORE
4.	35S_B006	UTILIZATION OF PONGAMIA POD SHELLS AND GLYCERINE WASTE FOR PRODUCTION OF FUEL BRIQUETTES • HMS INSTITUTE OF TECHNOLOGY, TUMKUR
5.	35S_B010	CHARACTERIZATION AND OPTIMIZATION OF MICROALGAE FOR BIODIESEL PRODUCTION BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
6.	35S_B012	EFFECT OF NOZZLE HOLE GEOMETRY ON THE PERFORMANCE OF BIODIESEL FUELLED ENGINE • BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
7.	35S_B014	STUDY OF PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS OF BIODIESEL FUELED C. I ENGINE WITH INDUCED TURBULENCE • SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR
8.	35S_B016	ORGANIC PROCESSING FACILITY TO GENERATE A HIGH - QUALITY RENEWABLE FUEL AS BIOGAS FROM THE UTILIZATION OF KITCHEN WASTES • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, YELAHANKA, BANGALORE

9.	35S_B017	DIESEL-JATROPHA-ETHANOL BLENDS- PERFORMANCE AND EMISSIONS OF A C. I. ENGINE NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, YELAHANKA, BANGALORE
10.	35S_B018	ANEROBIC DIGESTION OF DEVARAJA MARKET VEGETABLE WATE WITH GLYCERINE AS AN ADDITIVE : A CASE STUDY <ul style="list-style-type: none"> • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE
11.	35S_B021	ETHANOL FROM OIL CAKES OF NON EDIBLE OIL SEEDS USED IN BODIESEL PRODUCTION <ul style="list-style-type: none"> • NMAM INSTITUTE OF TECHNOLOGY, NITTE

SESSION 10 : Seminar on Biofuel Projects

Friday, 13th July, 2012

Venue : III Floor, Seminar Hall 2, SDMIT, Ujire

Time : 02.00 PM – 06.00 PM

Chair person : Prof. M. B. Nagaveni
 Head, Department of Biotechnology
 Maharani Lakshmi Ammani College for Women, Bangalore

SI. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
12.	35S_B022	BIOETHANOL PRODUCTION FROM AGRICULTURAL LINGNOCELLULOSIC RESIDUES USING PISCHIA SPP. <ul style="list-style-type: none"> • NMAM INSTITUTE OF TECHNOLOGY, NITTE
13.	35S_B023	VALUE ADDITION PRODUCTS FROM GLYCERINE TO GENERATE GREEN POWER <ul style="list-style-type: none"> • PES INSTITUTTE OF TECHNOLOGY, BANGALORE
14.	35S_B025	PRODUCTION OF BODIESEL FROM YELLOW OLEANDER SEEDS (NON FEEDSTOCK) <ul style="list-style-type: none"> • SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
15.	35S_B026	DESIGN AND CONSTRUCTION OF PHOTO BIORECTOR FOR MASS CULTIVATION OF MIXED CULTURE ALGAE FOR BIO HYDROGEN PRODUCTION <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BANGALORE
16.	35S_B030	DESIGN DEVELOPMENT & PERFORMANCE EVALUATION OF THROUGH RECOIRCULAT+B20ION DRYER FOR MAXIMUM RECOVERY OF PUPAE OIL FROM PUPAE - AWASTE BY-PRODUCT OF SILK REELING OPERATIONS <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
17.	35S_B031	SWIETENIA MAHAGONI-THE POTENTIAL SOURCE FOR THE PRODUCTION OF BODIESEL <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
18.	35S_B037	TRIBIOLOGICAL STUDY AND ANALYSIS OF JOURNAL BEARING USING BIOLUBRICANTS <ul style="list-style-type: none"> • VIVEKANANDA COLLEGE OF ENGINEERING & TECHNOLOGY, PUTTUR
19.	35S_B038	OPTIMIZATION OF TRANSESTERIFICATION PROCESS FOR SYNTHESIS OF BODIESEL FROM WASTE OIL BY HALO ALKALOPHILIC AND THERMOSTABLE LIPASE FROM BACILLUS PUMILUS-MVIT06 <ul style="list-style-type: none"> • SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE
20.	35S_B039	PRODUCTION OF BODIESEL FROM UNCONVENTIONAL FEEDSTOCKS OF UDUPI DISTRICT <ul style="list-style-type: none"> • NMAM INSTITUTE OF TECHNOLOGY, NITTE

21.	35S_B042	DESIGN AND ANALYSIS OF MICROCONTROLLER BASED CHARACTERIZATION FOR BIO-DIESEL FROM JATROPHA <ul style="list-style-type: none"> • CENTRE FOR SHRIDEVI RESERCH FOUNDATION, SIET CAMPUS, TUMKUR
22.	35S_B043	DESIGN AND FRABRICATON OF PONGAMIA DECORTICATOR AND OPTIMIZATION OF BIO-DIESEL PRODUCTION VIA ALKALI -CATALYSED METHANOLYSIS USING OIL EXTRACTED FROM DECORTICATED SEEDS OF <i>PONGAMIA PINNATA</i> <ul style="list-style-type: none"> • SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR

SESSION 11 : Seminar on Biofuel Projects

Friday, 13th July, 2012

Venue : III Floor, EDUSAT Centre, SDMIT, Ujire

Time : 02.00 PM – 05.30 PM

Chairman : Prof. Udupi Shrinivasa
Department of Mechanical Engineering, Indian Institute of Science

Co-chair Person : Dr. G. Savitha
Project Associate, KSCST, Bangalore

List of M.Tech Projects on Biofuels

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1.	35S_B043	COMPARATIVE STUDY OF BIODIESEL EXTRACTED FROM WASTE COOKING OIL AND HONGE OIL IN SINGLE CYLINDER CL ENGINE OPERATED WITH DIRECT ELECTRONIC FUEL INJECTION <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
2.	35S_B033	PERFORMANCE ANALYSIS AND EMISSION OF A NEAT JATROPHA BIODIESEL FULLED TURBOCHARGED CRDI DIESEL ENGINE <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
3.	35S_B032	INVESTIGATION ON CONVERSION OF MUNICIPAL PLASTIC WASTES INTO LIQUID FUEL COMPOUNDS, EVALUATION OF ENGINE PERFORMANCE AND EMISSION CHARACTERISTICS <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
4.	35S_B007	BIOFUELS FROM HEMICELLULOSE (ETHANOL PRODUCTION) <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
5.	35S_B008	BIOMETHANATION OF EFFLUENT FROM DESICATED COCONUT INDUSTRY <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
6.	35S_B035	PRODUCTION , CHARACTERIZATION OF BIODIESEL FROM PUPAE A BYPRODUCT OF SILK REELING INDUSTRY AND ENGINE PERFORMANCE ANALYSIS AND EMISSION CHARACTERISTIC OF CRDI DIESEL ENGINE <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
7.	35S_B029	STUDIES ON STABILITY OF BUTANOL BIODIESEL AND DIESEL BLENDS FOR THE APPLICATION AS CI ENGINE FUEL <ul style="list-style-type: none"> • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE

8.	35S_B044	TO PRODUCE BIODIESEL FROM MILK DIARY WASH SCUM AND TO STUDY ITS PERFORMANCE AND PROPERTIES AS A BLENDED FUEL IN I C ENGINE <ul style="list-style-type: none"> • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, YELANKA
9.	35S_B027	DEVELOPMENT OF BIOHYDRIGEN DEPENDENT FUEL CELL USING MICROALGAE <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BANGALORE

06.30 PM – 08.00 PM Cultural Programme by students of SDMIT

Saturday, 14th July, 2012

TECHNICAL SESSIONS

9.30 AM – 10.30 AM LECTURE – 2

Topic : "Bridging gap between Industry and Academia"

- By Sri Arun Bhardwaj
Director, Business Development,
Global Alliances of Dell Corporation, Bangalore

Venue : IV Floor, Main Seminar Hall, SDMIT, Ujire.

11.00 AM – 3.00 PM Visit to Exhibition and Evaluation of Exhibition Projects

01.00 PM – 02.00 PM Lunch Break

03.30 PM – 05.00 PM VALEDICTORY FUNCTION

**35th Series - Seminar and Exhibition of Student Project Programme
13th and 14th July 2012**

EXHIBITION PROJECTS

The panel of judges will evaluate these projects on 13th and 14th July 2012.

Venue : Mechanical Block (new), SDMIT, Ujire

HALL NO. 2

JURIES : Dr. U. J. Shenoy, Principal Research Scientist, Dept., of Electrical Engg., IISc.
Dr. P. Siva Subba Rao, Scientist, NAL

COMPUTER SCIENCE AND ENGINEERING

87.	35S0214	UNRIPE - COFFEE FRUIT SEPARATION – ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKAMAGALUR
88.	35S1009	LOCATION BASED MULTIMEDIA MOBILE PUSH SYSTEM – HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI
89.	35S0665	HYBRID WIRELESS SENSING DESIGN FOR INSTANT NOTIFICATION OF ALERTS FOR REAL - TIME EVENT DETECTION – JNANAVIKAS INSTITUTE OF TECHNOLOGY, BIDADI
90.	35S0388	LOCATION BASED REMINDERS – STJ INSTITUTE OF TECHNOLOGY, RANEBENNUR

INFORMATION SCIENCE AND ENGINEERING

91.	35S0281	GPS BASED NAVIGATOR USING ANDROID – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
92.	35S0754	SPEECH RECOGNITION AND CONVERSION INTO KANNADA TEXT – KLE COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
93.	35S0995	CHATUREK – AN INDIAN TRADITIONAL GAME “CHOWKA-BARA” ON ANDROID – KLE INSTITUTE OF TECHNOLOGY, HUBLI
94.	35S0887	E-PROCUREMENT AND RESOURCE MANAGEMENT USING RFID – KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM
95.	35S0834	VIRTUAL BASKET – SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALORE
96.	35S0035	LOCATION BASED REMINDER SYSTEM – SDM INSTITUTE OF TECHNOLOGY, UJIRE, DHAKSHINA KANNADA
97.	35S0695	MOVING OUR CAMPUS INTO THE CLOUD - A PERSPECTIVE ON THE FUTURE OF COMPUTING IN HIGHER EDUCATION – SRI SIDDARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

98.	35S0332	EYE CONTROLLED COMPUTER – VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE
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BIOMEDICAL ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
99.	35S0245	HUMAN FALL DETECTION USING MEMS ACCELEROMETER – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
100.	35S0743	HUMAN COMPUTER INTERFACE BASED ON REAL TIME EYE TRACKING – KLE SOCIETY'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BELGAUM
101.	35S0738	SKIN CANCER IDENTIFICATION – KLE SOCIETY'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BELGAUM

Jury : Dr. J. R. Mudakavi, Principal Research Scientist, Dept., of Chemical Engg., IISc.

TEXTILE TECHNOLOGY

102.	35S0291	PRODUCTION AND PROPERTIES OF FABRICS MADE FROM PURE BAMBOO, BAMBOO / COTTON AND BAMBOO /SILK – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
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CHEMICAL ENGINEERING

103.	35S0980	DESIGN AND FABRICATION OF AGRO-WASTE ENHANCED EFFLUENT TREATMENT UNIT – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
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CIVIL ENGINEERING

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
104.	35S0594	PERFORMANCE STUDY ON COMPRESSED BLOCKS USING ALKALI ACTIVATED ALUMINO SILICATE BINDERS – KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM
105.	35S0595	STRENGTH PERFORMANCE STUDIES ON AMBIENT CURED GEOPOLYMER CONCRETE – A NEW GENERATION ECO-EFFICIENT CONSTRUCTION MATERIAL – KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM
106.	35S0894	STUDY ON LATERITE CEMENT BRICK – KVG COLLEGE OF ENGINEERING, SULLIA

HALL NO. 3 and 4

JURIES : Prof. L. Satish, Department of Electrical Engineering, IISc.
Dr. M. Krishna Kumar, Principal Research Scientist, CEDT, IISc.
Dr. Chakradhar, Scientist, National Aerospace Laboratories
Dr. V. P. S. Naidu, Scientist, National Aerospace Laboratories

ELECTRICAL AND ELECTRONICS

107.	35S1021	CLIENT SERVER BASED CONTROL AND MONITORING OF POWER DISTRIBUTION SYSTEM – HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI
108.	35S1020	INDUCTION MOTOR AS WELDING TRANSFORMER – HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI
109.	35S0866	PORTABLE AND ECONOMICAL AUTOMATIC SCREEN PRINTING MACHINE – KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM
110.	35S1036	INNOVATIVE TASK LIGHTING FOR READING TABLE OF A LIBRARY – NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
111.	35S0620	LED BASED STREET LIGHT FOR REMOTE AREAS USING SOLAR POWER – NMAM INSTITUTE OF TECHNOLOGY, NITTE
112.	35S0565	GPL DE-CARBURATED IRON BOX – SHIRDI SAI ENGINEERING COLLEGE, ANEKAL, BANGALORE
113.	35S0564	PROTOTYPE VAN DE GRAFF GENERATOR – SHIRDI SAI ENGINEERING COLLEGE, ANEKAL, BANGALORE
114.	35S0395	PROTECTION OF THREE PHASE MOTOR – STJ INSTITUTE OF TECHNOLOGY, RANEBENNUR
115.	35S0337	PICO HYDRO SYSTEM – VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE

ELECTRONICS AND COMMUNICATION

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
116.	35S1041	EOG BASED HMI FOR PARALYSED PEOPLE TO CONTROL ELECTRICAL DEVICES – ACHARYA INSTITUTE OF TECHNOLOGY, SOLADEVANAHALLI, BANGALORE
117.	35S0506	BRAIN TUMOUR SEGMENTATION USING LABVIEW - SIMULATION – BLDEA'S DR. PGH COLLEGE OF ENGINEERING AND TECHNOLOGY, BIJAPUR
118.	35S1067	TELEVISION CONTROL BY IMAGE ACQUISITION AND PROCESSING – BMS COLLEGE OF ENGINEERING, BASAVANAGUDI, BANGALORE
119.	35S0360	BRAILLE LEARNING DEVICE FOR VISUALLY IMPAIRED STUDENTS – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
120.	35S0010	RENEWABLE ENERGY RESOURCES FOR RESIDENTIAL APPLICATIONS IN COASTAL AREAS – CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, GUBBI, TUMKUR

121.	35S0902	ARM7 TDMI PROCESSOR BASED INDUSTRIAL MACHINE STATUS INDICATOR CUM CONTROLLER – GM INSTITUTE OF TECHNOLOGY, DAVANGERE
122.	35S0911	DATA COMMUNICATIONS USING POWER LINES – GM INSTITUTE OF TECHNOLOGY, DAVANGERE
123.	35S0929	INTELLIGENT GASEOUS FUEL LEAKAGE DETECTION WITH ALERTING SYSTEM – GM INSTITUTE OF TECHNOLOGY, DAVANGERE
124.	35S0626	E-ACCESS CONTROL AND SURVEILLANCE OF VEHICLES – GOVERNMENT ENGINEERING COLLEGE, HAVERI
125.	35S0126	GPS AND GSM BASED ACCIDENT INTIMATOR SYSTEM – KLE SOCIETY'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BELGAUM
126.	35S1028	SMART GLOVE INTERFACE FOR THE PHYSICALLY CHALLENGED – KS INSTITUTE OF TECHNOLOGY, BANGALORE
127.	35S0955	ACCELEROMETER MOUSE – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
128.	35S0470	AUTOMATED VOICE BASED NAVIGATION SYSTEM FOR ELDERLY AND PHYSICALLY CHALLENGED – SAMBHRAM INSTITUTE OF TECHNOLOGY, BANGALORE
129.	35S0468	GESTURE VOCALIZER – SAMBHRAM INSTITUTE OF TECHNOLOGY, BANGALORE
130.	35S0976	AN EMBEDDED NAVIGATION SYSTEM FOR AIDING PEOPLE WITH ALZHEIMER'S DISEASE – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
131.	35S0977	THE VEHICLE FOR LIMBLESS PEOPLE – SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
132.	35S0297	AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM FOR VIDEO SEQUENCE WITH MOTION DE-BLUR ALGORITHM – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
133.	35S0301	E-RATION MANAGEMENT SYSTEM – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
134.	35S0889	SMART BIOGAS ENERGISER – SRI BHAGWAN MAHAVEER JAIN COLLEGE OF ENGINEERING, BANGALORE
135.	35S0847	SMART SOIL ANALYSER – SRI BHAGWAN MAHAVEER JAIN COLLEGE OF ENGINEERING, BANGALORE
136.	35S0021	AN ULTRA LOW POWER MSP430 MICROCONTROLLER BASED CONTROL SYSTEM FOR A COMPOSTING PROCESS – SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALORE
137.	35S0023	SMART SHOE - GPS ENHANCED SENSORY HEELS FOR THE VISUALLY CHALLENGED – SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALORE

138.	35S0883	CORPORATION WATER SUPPLY MANAGEMENT SYSTEM – TONTADARYA COLLEGE OF ENGINEERING, GADAG
139.	35S0962	RFID BASED HIGHWAY TOLL TAX COLLECTION SYSTEM – UNIVERSITY BDT COLLEGE OF ENGINEERING, DAVANGERE
140.	35S0342	VOICE CONTROLLED ROBOT – VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSORE
141.	35S0077	INTELLIGENT CHARGE CONTROLLER WITH SOLAR TRACKING & MPPT ALGORITHM – VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR

INSTRUMENTATION TECHNOLOGY

Sl. No.	PROJECT REF. NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
142.	35S0286	GSM BASED BABY INCUBATOR WITH DIAGNOSIS – BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
143.	35S0484	ADVANCED TRACKING SYSTEM – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
144.	35S0483	HAND GESTURE BASED WHEEL CHAIR CONTROLLER FOR DISABLED WITH OBSTACLE SENSING – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
145.	35S0487	VOICE RECOGNITION / JOYSTICK OPERATED MICROCONTROLLER BASED MOTORIZED WHEELCHAIR – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
146.	35S0180	IMPLEMENTATION OF KALMAN FILTER TO MONITOR THE LEVEL FLUCTUATION IN A DAM / RESERVOIR / TANK USING FPGA – MS RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE
147.	35S0172	WIRELESS TRAFFIC SIGNAL PRE-EMPTION OF EMERGENCY SERVICES – MS RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE
148.	35S0424	MULTI DEVICE CONTROL USING HEAD MOVEMENT FOR : PHYSICALLY IMPAIRED, SPINAL CORD INJURED AND PARALYSED PATIENTS – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
149.	35S0411	SIGN LANGUAGE COACH – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
150.	35S0417	WATER SUPPLY MANAGEMENT SYSTEM USING WIRELESS NETWORK – PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET
151.	35S0881	BLUE TOOTH ENERGY METER – RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BELLARY
152.	35S0878	DESIGN OF MANUMATIC GEARED VEHICLE USING GSM SECURITY SYSTEM WITH LOCANTO BLACK BOX – RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BELLARY
153.	35S0880	SMART HELMET – RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BELLARY

HALL NO. 6

BIOFUEL PROJECTS – POSTERS DISPLAY

HALL NO. 7

JURIES : Dr. N. V. Chalapathy Rao, Principal Research Scientist, CEDT, IISc.
Dr. S. B. Kandagal, Principal Research Scientist, Department of Aerospace Engg., IISc.

AUTOMOBILE ENGINEERING

154.	35S0352	DRIVER FRIENDLY GEAR SHIFTING MECHANISM – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
155.	35S0347	METRO HYBRID TWO WHEELER – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
156.	35S0344	MINIATURE MODEL OF NIBBLING MACHINE – BVB COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBLI
157.	35S0466	MAGNETIC REPULSION DRIVE TROLLEY VEHICLE – SJM INSTITUTE OF TECHNOLOGY, CHITRADURGA

MECHANICAL ENGINEERING

158.	35S0058	DESIGN AND FABRICATION OF PNEUMATIC SHEET FEEDER – BAHUBALI COLLEGE OF ENGINEERING, SHRAVANABELAGOLA
159.	35S0944	AUTOMATED PUFFED RICE MAKING MACHINE – BASAVESWAR ENGINEERING COLLEGE, BAGALKOT
160.	35S0143	DESIGN AND DEVELOPMENT OF ZERO RADIUS VEHICLE – BMS COLLEGE OF ENGINEERING, BASAVANAGUDI, BANGALORE
161.	35S0452	STAIR CLIMBER FOR DISABLED – DAYANANDA SAGAR COLLEGE OF ENGINEERING, BANGALORE
162.	35S0230	UPGRADING A 100CC CARBURETOR CONTROLLED SPARK IGNITION ENGINE INTO DIGITALLY CONTROLLED PROGRAMMABLE FUEL INJECTION ENGINE TO ACHIEVE IMPROVED PERFORMANCE – JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIMOGA
163.	35S0870	HUMAN POWERED WELL DRILL – KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM
164.	35S0809	NON-CONVENTIONAL AIR COOLER – MARATHA MANDAL ENGINEERING COLLEGE, BELGAUM
165.	35S0897	CORN DESEEDING MACHINE – MARATHA MANDAL ENGINEERING COLLEGE, BELGAUM
166.	35S0900	DRILL SHARPENING MACHINE – MARATHA MANDAL ENGINEERING COLLEGE, BELGAUM

167.	35S0800	RE-BAR BENDING MACHINE – MARATHA MANDAL ENGINEERING COLLEGE, BELGAUM
168.	35S0005	INTELLIGENT THIRD WHEEL FOR PHYSICALLY HANDICAPPED VEHICLE – NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE
169.	35S0158	EXPERIMENTAL INVESTIGATION ON PIEZOELECTRIC BASED PROTOTYPE ACTUATOR – NMAM INSTITUTE OF TECHNOLOGY, NITTE
170.	35S0474	AUTOMATIC PICKER / CLEANER – SAMBHRAM INSTITUTE OF TECHNOLOGY, BANGALORE
171.	35S0668	DESIGN AND FABRICATION OF AUTOMATED VALVE – SG BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELGAUM
172.	35S0295	DESIGN AND ANALYSIS OF A CONCENTRATING PV CELL – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
173.	35S0293	FLYWHEEL ENERGY STORAGE SYSTEM WITH MAGNETIC LEVITATION BEARING – SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKUR
174.	35S0790	DESIGN, DEVELOP AND FABRICATE OF AUTOMATICALLY OPERATED WHEELCHAIR CUM BED – SJC INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR
175.	35S0025	COCONUT DEHUSKING MACHINE – SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALORE
176.	35S0075	DESIGN AND FABRICATION OF CRYOGENIC - GRINDER FOR PRESERVING THE AROMATIC CONTENT OF SPICY PRODUCT – VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR

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KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST), BANGALORE
and
SHREE DHARMASTHALA MANJUNATHESHWARA INSTITUTE OF TECHNOLOGY (SDMIT), UJIRE

**35th Series - Seminar and Exhibition of Student Project Programme
13th and 14th July 2012**

Date : Saturday, 14th July 2012

Time: 3.30 PM

VALEDICTORY FUNCTION

03.30 PM – 03.35 PM Invocation

03.35 PM – 03.40 PM Welcome Address

Dr. Rajkiran Ballal
Principal, SDMIT, Ujire

03.40 PM – 03.50 PM Address by

Dr. M. Prithviraj
Executive Secretary, KSCST, Bangalore

03.50 PM – 04.15 PM Chief Guest and Valedictory Address

Sri. M. Naveen Kumar, IAAS
Managing Director, Power Company of Karnataka Ltd.
Government of Karnataka.

04.15 PM – 04.30 PM Guest of Honour

Dr. K.A. Krishnamurthy
Principal, SSIT, Tumkur

04.30 PM – 04.45 PM Presidential Remarks

Dr. B. Yashovarma
Secretary, SDME Society (R), Ujire

04.45 PM – 04.55 PM Response of Principals of participating Colleges

04.55 PM – 05.05 PM Presentation of Awards

05.05 PM – 05.10 PM Vote of Thanks

Dr. S. G. Sreekanteswara Swamy
Fellow, KSCST, Bangalore

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