

# Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560012

## 41<sup>st</sup> Series of Student Project programme

### LIST OF PROJECTS SELECTED FOR FURTHER IMPROVEMENT / DEVELOPMENT OF PROTOTYPE

#### 1. A.T.M.E. COLLEGE OF ENGINEERING, MYSURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
1.	<a href="#">41S_BE_2657</a>	<a href="#">RIDER SAFETY SYSTEM USING EMBEDDED SYSTEM</a>	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. YATHISHA L	Mr. RAHID AHMED	Mr. PURUSHOTHAM N	Ms. THULASI V	-

#### 2. ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
2.	41S_BE_1312	DESIGN AND FABRICATION OF PROTOTYPE LAB SCALE REACTOR FOR THE MANUFACTURE OF BIODEGRADABLE PVA FILM	BIOTECHNOLOGY	Dr. SUNEETHA.T.B Prof. LINY	Ms. DEEPIKA P	Ms. SIMPANA D.K	-	-

#### 3. ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
3.	41S_BE_0132	IOT BASED FACIAL RECOGNITION DOOR ACCESS CONTROL SECURITY USING RASPBERRY PI 3 THROUGH IMAGE PROCESSING ALGORITHM	INFORMATION SCIENCE AND ENGINEERING	Prof. OMPRAKASH B	Ms. ASHWINI BHAVIKATTI	Ms. AKSHATHA R	-	-

#### 4. B.L.D.E.A's VACHANA PITAMAHA Dr. P. G. HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
4.	41S_BE_1928	LIVING ROOFS – THE FUTURE IS ALIVE	CIVIL ENGINEERING	Mrs. ANURADHA S. TANKSALI	Mr. MANSOOR ALI DHUNDASI	Mr. ABHISHEK CHAVAN	Mr. KIRANKUMAR BISANAL	Mr. MAHANTESH HADAPAD
5.	<a href="#">41S_BE_1933</a>	<a href="#">SECURITY OF ATM SYSTEM USING RFID AND OTP</a>	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. M.N.DESHMUKH	Ms. ARCHANA A. TALIKOTI	Ms. DEEPA MODI	Ms. LAXMI TALIKOTI	-

#### 5. B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
6.	<a href="#">41S_BE_1664</a>	<a href="#">RETROFITTING OF DAMAGED REINFORCED CONCRETE COMPRESSION MEMBERS (SHORT COLUMNS) ADOPTING RC JACKETING TECHNIQUE</a>	CIVIL ENGINEERING	Dr. GURUPRASAD Y K	Mr. SOMASHEKAR R DASARI	Ms. SHILPA A	Ms. INDIRA SURESH DESHPANDE	Mr. TEJESWAR REDDY G
7.	<a href="#">41S_BE_1665</a>	<a href="#">SEWAGE TURBINES : PICO HYDROPOWER OPPORTUNITIES FROM TREATED SEWAGE WATER</a>	CIVIL ENGINEERING	Mrs. ARCHANA K	Ms. HARSHITHA S	Mr. SATHYANARAYAN K R	Mr. NIKHIL M V	Mr. PRATIK PAUL

#### 6. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
8.	41S_BE_2702	DESIGN AND DEVELOPMENT OF LOW COST ENERGY EFFICIENT FRUIT PRESERVATION SYSTEM USING ACOUSTIC WAVES	MECHANICAL ENGINEERING	Dr. SHARAN A S	Mr. RAJSHEKHAR	Mr. RAVI PRAKASH	Mr. ABHILASH N	-
9.	41S_BE_2798	DEVELOPMENT OF ECOFRIENDLY AND COST EFFECTIVE BIODEGRADABLE SANITARY NAPKIN	BIOTECHNOLOGY	Dr. MANJUNATH N.S Dr. B.E. RANGASWAMY	Ms. MEGHANA B.J	Ms. POOJA ASHOK HIREGOUDAR	Ms. NAMRATHA M	-

**7. BASAVESHWARA ENGINEERING COLLEGE, BAGALKOT**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
10.	<a href="#">41S_BE_2792</a>	<a href="#">SMART GADGET FOR WOMEN SAFETY USING IoT</a>	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. JAYASHREE D MALLAPUR	Mr. MOHAMAD ZIKRIYA	Mr. PARMESHWAR M G	Mr. SHANMUKAYYA R MATH	Ms. SHRADDHA TANKASALI
11.	<a href="#">41S_BE_2781</a>	<a href="#">ELECTRICITY GENERATION FROM SUGAR MILL WASTEWATER BY MICROBES</a>	CIVIL ENGINEERING	Prof. G. M. HIREMATH	Ms. SHIVANI. N. OBALEPPANAVAR	Ms. ARUNA. A. BANAKAR	Ms. JYOTI. CHAKKADI	Ms. RAJESHWARI. BILAGI

**8. DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
12.	41S_BE_0588	ELLIPTIC CURVE CRYPTOGRAPHY DIGITAL SIGNATURE ALGORITHM	TELE COMMUNICATION ENGINEERING	Dr. A R ASWATHA Mrs. SMITHA SASI	Ms. AKANKSHA V DESHPANDE	Ms. ANAGHA V DESHPANDE	Ms. KEERTH K B	Ms. LOHITHA S

**9. G.S.S.S. INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN, MYSURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
13.	<a href="#">41S_BE_0789</a>	<a href="#">IoT BASED DELIVERY BOYS SAFETY CONTROL AND BIKE ANALYZER</a>	INFORMATION SCIENCE AND ENGINEERING	Dr. RESHMA BANU Mrs. AYESHA TARANUM	Ms. CHETHANAR	Ms. ARPITHA GOWDA H N	Ms. HARSHITHA S	Ms. INCHARA A KUMAR

**10. GURU NANAK DEV ENGINEERING COLLEGE, BIDAR**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
14.	<a href="#">41S_BE_0124</a>	<a href="#">LPG REFRIGERATION SYSTEM WITH ZERO OPERATING COST</a>	MECHANICAL ENGINEERING	Dr. NAGRAJ R G	Mr. ANAND	Mr. BABURAYA	Mr. SUBHASH	Mr. VINAYAK UDCHAN

**11. H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
15.	41S_BE_0391	AN EXPERIMENTAL INVESTIGATION ON CONCRETE RUNWAY BY IMPLEMENTATION OF GEO-SYNTHETIC MATERIAL, LD-SLAG, REPROCESSED E-WASTE FIBERS AND ORDINARY PORTLAND SLAG CEMENT IN THE CONCRETE MIX DESIGN.	CIVIL ENGINEERING	Prof. MOHAMMED SHAHBAAZ	Mr. CHACKSON J OLLUKKARAN	Ms. RUBY RACHEL GEORGE	Mr. RAKESH SHAH	Mr. RAJNEESH PANDEY

**12. JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
16.	41S_BE_1227	ROTARY TYPE COCONUT DE-HUSKING MACHINE	MECHANICAL ENGINEERING	Prof. D S RAMAKRISHNA	Mr. SHIVANAGOWD A K PATIL	Mr. RAKSHITH G B	Mr. LINGARAJA K	Mr. SWAMY M

**13. K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
17.	<a href="#">41S_BE_1113</a>	<a href="#">SOLAR POWERED HYBRID MULTI-MODE WATER WHEELER</a>	MECHANICAL ENGINEERING	Prof. SANTOSH A GOUDAR	Mr. MOHAN K MAKANI	Mr. PRADEEP	Mr. IRESH M BADIGER	Mr. SAGAR R KAVATAGIMATH

**14. K.L.S. VISHWANATHRAO DESHPANDE RURAL INSTITUTE OF TECHNOLOGY, HALIYAL**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
18.	<a href="#">41S_BE_2851</a>	<a href="#">IMPROVEMENT IN DOMESTIC LPG BURNER</a>	MECHANICAL ENGINEERING	Prof. SHANKAR BADIGER	Mr. SWAPNIL DHABALE	Mr. ABHISHEK JAGANUR	Mr. GURU PUJERI	Mr. ROHIT DASHAMANI

**15. K.S. INSTITUTE OF TECHNOLOGY, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
19.	<a href="#">41S_BE_0703</a>	<a href="#">PROPORTIONAL - INTEGRAL - DERIVATIVE CONTROLLER ON BOILERS (TEMPERATURE AND FLOW CONTROL PARAMETERS)</a>	MECHANICAL ENGINEERING	Prof. UMASHANKAR M	Mr. ADITHYA PAI U	Mr. AKSHAY	Mr. ANKUSH TELKAR	Mr. SHETTY AASHRAY BHUJANGA

**16. KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
20.	<a href="#">41S_BE_2409</a>	<a href="#">DESIGN AND FABRICATION OF TENDER COCONUT AND MATURED COCONUT PROCESSING UNIT</a>	MECHANICAL ENGINEERING	Prof. MANJUNATH CHANNAPPAGU UDRA	Mr. RANGEGOWDA N G	Mr. SIDDESH S	Mr. SRINIVASA K M	Mr. PRAVEEN K S

**17. MALNAD COLLEGE OF ENGINEERING, HASSAN**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
21.	41S_BE_0012	COMBINED PHYSICO-CHEMICAL TREATMENT FOR THE COLOUR REDUCTION OF TEXTILE WASTEWATER	CIVIL ENGINEERING	Mr. KISHOR KUMAR S	Ms. RANJITHA K M	Ms. HARSHITHA T	Ms. ARSHITHA H P	Ms. CHAITHRA V B

**18. NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
22.	<a href="#">41S_BE_0674</a>	<a href="#">REPLACEABLE DIESEL PARTICULATE FILTER</a>	AUTOMOBILE ENGINEERING	Mr. GIRISH TILAK Mr. KARTHIK A.V	Mr. SRIRAM IYER	Mr. MOHD RAHMATULLAH SHAHBAAZ	Mr. S. KAUSHIK VINAYAK	Mr. SAGAR SURI

**19. P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
23.	<a href="#">41S_BE_1472</a>	<a href="#">DIGITAL COTTAGE UDYAMA</a>	INFORMATION SCIENCE AND ENGINEERING	Mr. PRAVEEN GUJJAR J Mrs. VANI G S	Ms. SUPRIYA S P	Ms. AYESHA RUKHSAR	Ms. DEEPTHI KASHYAP	Ms. RENUKA N

**20. R.R. INSTITUTE OF TECHNOLOGY, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
24.	<a href="#">41S_BE_0776</a>	<a href="#">CASE STUDY ON COMPARATIVE ANALYSIS OF SOIL MOISTURE USING DIGITAL SENSORS FOR IRRIGATION MANAGEMENT</a>	CIVIL ENGINEERING	Mr. RAVI PATIL	Mr. SAGAR JT	Mr. AJITH S	Ms. KEERTHANA H	Ms. PRATHIKSHA R

**21. S.S. INSTITUTE OF MEDICAL SCIENCE AND RESEARCH CENTRE, DAVANGERE**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
25.	<a href="#">41S_BE_2869</a>	<a href="#">ROLE OF BIOMARKERS IN DIAGNOSIS OF SEPSIS : C-REACTIVE PROTEIN AND PROCALCITONIN</a>	MEDICAL ELECTRONICS	Prof. V.L. JAYASIMHA	Ms. ARPITA V. BABU	Ms. JEEVITHA B.J.	-	-

**22. SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
26.	41S_BE_1830	SCENE ANALYSIS FOR VISUALLY IMPAIRED	COMPUTER SCIENCE AND ENGINEERING	Prof. NARAYAN K.	Mr. KARTHIK B P	Mr. GOKUL KRISHNA G	Mr. KISHAN KUMAR B K	Mr. AMAN KUMAR

**23. SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
27.	<a href="#">41S_BE_1432</a>	<a href="#">DESIGN AND FABRICATION OF ADJUSTABLE MULTISEASONAL HARVESTING MACHINE</a>	MECHANICAL ENGINEERING	Dr. SYED ABBAS ALI Mr. ALTAF HUSSAIN BAGWAN	Ms. PRATIKSHA A. YADRAVKAR	Mr. VIJAYAKUMAR CHAVAN	Mr. PRAKASH RATHOD	Mr. RAJESH A. PAWAR

**24. SHREE DEVI INSTITUTE OF TECHNOLOGY, MANGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
28.	<a href="#">41S_BE_1117</a>	<a href="#">SOIL EROSION SUSCEPTIBILITY ASSESSMENT USING MORPHOMETRIC PARAMETERS AND SEDIMENT YIELD IN THE RIVER AGHANASHINI, UTTARA KANNADA, KARNATAKA : AN APPROACH OF REMOTE SENSING AND GIS</a>	CIVIL ENGINEERING	Dr. JAYARAM NAIK	Mr. JUSTIN DARYL DSOUZA	Mrs. CHANDANA M	Mr. GANGADHARA R	Mr. SHARAN S SHETTY

**25. SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
29.	<a href="#">41S_BE_0611</a>	<a href="#">EVALUATING THE EFFICIENCY OF ACTIVATED TEAK LEAVES AND BANANA TRUNK IN THE REMOVAL OF SYNTHETIC DYE FROM AQUEOUS SOLUTION</a>	CIVIL ENGINEERING	Mrs. VYSHNAVI D.R Dr. SHIVANNA. S	Mr. MURALI. V	Mr. AJAY S.H	Mr. SHARATH KUMAR D	Mr. SHASHI KIRAN K

**26. SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
30.	<a href="#">41S_BE_2623</a>	<a href="#">POLYMER NANOCOMPOSITE BASED STRAIN SENSORS FOR STRUCTURAL HEALTH MONITORING</a>	POLYMER SCIENCE AND TECHNOLOGY	Dr. SIDDARAMAIAH Mr. NITHIN K S	Ms. SUSHMITHA H	Ms. SHREE RAKSHA R	Mr. NIRANJAN BALACHANDAR	Mr. RAHUL DEVAANG

**27. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
31.	41S_BE_2922	POSE INVARIANT KEY POINT BASED FACE RECOGNITION SYSTEM	COMPUTER SCIENCE AND ENGINEERING	Ms. SWATHI	Ms. KRITHIKA	Ms. ANISHA D. KULAL	Ms. NAVYASHREE	Ms. ROSHAN SUNAINA M.

**28. SRINIVAS SCHOOL OF ENGINEERING, MANGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
32.	<a href="#">41S_BE_1506</a>	<a href="#">IMAGE PROCESS BASED MULTI LINGUAL TRANSLATOR FOR TRAVELLERS AND VISUALLY IMPAIRED USING OCR ON RASPBERRY PI</a>	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. APARNA N S Mr. NAGARAJA N S	Mr. SUDHAKARA NAIK	Mr. BHEEMASHANKAR	Mr. SHRIDHAR K	Mr. SWASTIK

**29. ST. JOSEPH ENGINEERING COLLEGE, MANGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
33.	<a href="#">41S_BE_1524</a>	<a href="#">VIRTUAL MIRROR- A HASSLE APPROACH FREE TO THE USE OF TRIAL ROOM</a>	COMPUTER SCIENCE AND ENGINEERING	Ms. NISHA JENIFER ROCHE	Mr. RANJITH KUMAR B	Mr. MOHMMED AWSAF ALI	Ms. S DHANASHREE	Ms. PRITHVI V
34.	<a href="#">41S_BE_2664</a>	<a href="#">AUTOMATED UNION OVER TOUCH ENABLED SYSTEM (AUTES)</a>	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. GANDHIMATHI NATHAN	Mr. DAVID JOHN SALDANHA	Ms. ADLEN D'SOUZA	Ms. ASHWINI V KOTTARI	Ms. MADHUSHREE T CHAVAN

**30. THE OXFORD COLLEGE OF ENGINEERING, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
35.	41S_BE_1606	ANDROID BASED APPLICATION TO DETECT POTHOLE AND UNEVEN ROADS IN THE CITY	COMPUTER SCIENCE AND ENGINEERING	Prof. SOWMYA HK Dr. R.J. ANANDHI	Ms. CHAITANYA S	Mr. AMIT DEBNATH	Mr. ARJUN ASHOK KUMAR	Mr. GEORGE JAMES



**31. UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANGERE**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
36.	<a href="#">41S_R_MTECH_009</a>	<a href="#">PULP AND PAPER INDUSTRIAL WASTEWATER TREATMENT USING MODIFIED EXTERNAL MEMBRANE BIOREACTOR</a>	ENVIRONMENTAL ENGINEERING	Dr. LOKESHAPPA B.	Ms. SADIQUA ANJUM	-	-	-

**32. VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
37.	<a href="#">41S_BE_0404</a>	<a href="#">SMART SALVAGE</a>	COMPUTER SCIENCE AND ENGINEERING	Mrs. A. ROSELINE MARY Mrs. VEENA. G	Mr. HARI KRISHNAN. U	Ms. KAVYA. V	Ms. KOUSALYA. M	Ms. LAKSHMI. N. G

**33. VIDHYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
38.	<a href="#">41S_BE_0953</a>	<a href="#">HYDROPONIC IRRIGATION SYSTEM FOR CONSERVATION OF WATER AND REUSE</a>	CIVIL ENGINEERING	Ms. ICHITHA M K	Ms. RASHMI S P	Mr. AKSHAY KUMAR M P	Mr. KARTHIK S	Ms. SANTHOSH K V
39.	<a href="#">41S_BE_0984</a>	<a href="#">IMPLEMENTING INTELLIGENT TRAFFIC CONTROL SYSTEM FOR CONGESTION, AMBULANCE CLEARANCE AND STOLEN VEHICLE DETECTION</a>	INFORMATION SCIENCE AND ENGINEERING	Prof. PRASHANTH M.V Prof. PREMA N.S	Ms. GUL AFSHAN	Ms. KAVYASHREE D	Ms. NISCHITHA H.D	Ms. SWETHA RANI S

**34. VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR**

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
40.	<a href="#">41S_BE_0625</a>	<a href="#">PROPOSAL FOR DEVELOPMENT OF KULAGRAMA (BANTWAL TQ, D.K.) THROUGH SURVEY, SOIL AND WATER STUDIES</a>	CIVIL ENGINEERING	Dr. SANDEEP J NAYAK Prof. PRASHANTHA	Mr. MAHESH HALSNAD	Mr. KIRTHAN B R	Mr. HANAMANT SINDHUR	Mr. CHETHAN KUMAR J

# Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560012

## 41<sup>st</sup> Series of Student Project programme

### LIST OF PROJECTS SELECTED FOR FURTHER DEVELOPMENT / DEVELOPMENT OF PROTOTYPE

#### BIOFUEL PROJECTS

##### 1. AMRITA SCHOOL OF ENGINEERING, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
41.	41S_B_BE_065	A STUDY ON DIESEL ENGINE USING USED COOKING OIL WITH BIOTIC ADDITIVE	MECHANICAL ENGINEEINRG	Prof. DIVAKAR SHETTY A.S.	Mr. SRIRAM SRINIVASAN	Mr. RANGDALE ANANDARAO RAAJKUMAR	-	-

##### 2. DEPARTMENT OF MICROBIOLOGY, DAVANGERE UNIVERSITY

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
42.	<a href="#">41S_B_MSC_017</a>	<a href="#">EFFICACY OF PONGAMIA OIL BASED SOAP AGAINST CONVENTIONAL SOAPS WITH RESPECT TO ANTIBACTERIAL ACTIVITY TO ENCOURAGE HYGIENE PRACTICE AMONG RURAL FOLK</a>	LIFE SCIENCES	Prof. GAYATHRI DEVARAJA	Mr. SANDEEPA E.	Mr. JAVALI UMESH	Mr. SUNIL K S	-

##### 3. GARDEN CITY COLLEGE OF SCIENCE AND MANAGEMENT STUDIES, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
43.	41S_B_MSC_024	BIOETHANOL PRODUCTION PROCESS OPTIMIZATION FROM CITRUS SPS SEED OIL AND ITS CHARACTERIZATION	LIFE SCIENCES	Dr. SHARANGOUDA J. PATIL Dr. SADASHIV S.O.	Ms. PUJA KUMARI	Ms. ARNABI MUKHERJEE	Ms. TEJESHWANI P.	-

#### 4. INDIAN ACADEMY DEGREE COLLEGE-AUTONOMOUS, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
44.	<a href="#">41S_B_MSC_005</a>	<a href="#">GENETIC VARIATION ANALYSIS OF MICROALGAL SPECIES UNDER NUTRIENT STRESS THROUGH MARKER ASSISTANCE FOR POTENTIAL BIOFUEL SOURCE</a>	BIOTECHNOLOGY	Dr. SIBI G MR. SUDHAKAR MALLA	Mr. SAYANTAN CHOUDHURY	Mr. GOPAL KRISHNA MAJI	Mr. PRASHANTH R	Mr. SHOAIB HAMID

#### 5. JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
45.	<a href="#">41S_B_BE_102</a>	<a href="#">DESIGN AND FABRICATION OF A CERATONIA SILIQUA DEPULP AND SEED EXTRACTION MACHINE</a>	MECHANICAL ENGINEERING	Mr. PRADEEP KUMAR ILAY	Mr. SANTOSH C	Mr. RAGHUPATHI TH	Mr. SANTHOSH K	Mr. PRAVEENA M C

#### 6. NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
46.	<a href="#">41S_B_BE_007</a>	<a href="#">DESIGN AND FABRICATION OF MACHINE TO CONVERT PLASTIC INTO OIL AND GASEOUS FUEL PRODUCTION</a>	MECHANICAL ENGINEERING	Prof. LAKSHMANA NAIK Dr. M. S. GANESHA PRASAD	Mr. SITAL KUMAR SAH	Mr. SANDEEP CHAUDHARY	Mr. SURAJ TIMILSINA	Mr. NISCHAL BHATTARAI
47.	<a href="#">41S_B_BE_067</a>	<a href="#">A COUPLED PROCESS INTEGRATING HEAVY METAL BIOREMEDIATION AND BIODIESEL PRODUCTION USING OLEAGINOUS MICROALGAE</a>	BIOTECHNOLOGY	Dr. R. S. UPENDRA DR. ANANDA VARDHAN H	Ms. CHAITHANYA LAKSHMI	Ms. HANNA ABDUL HAKEEM	Ms. SHIVALI MUTHAPPA B	-

### 7. R.V. COLLEGE OF ENGINEERING, BENGALURU

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
48.	41S_B_BE_081	PRODUCTION OF BACTERIAL CELLULOSE FROM SEWAGE AND ITS USE IN POWER GENERATION THROUGH ENZYMIC FUEL CELL FORMULATION	BIOTECHNOLOGY	Dr. LINGAYYA HIREMATH Dr. S SATYANARAYANA	Ms. AISHWARYA BHAT	Ms. ALYSIA M MARTINS	Ms. BRINDA V	-

### 8. S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
49.	<a href="#">41S B BE 012</a>	<a href="#">BIODIESEL FROM SAL SEED OIL</a>	MECHANICAL ENGINEERING	Prof. PRASAD KALLOLIMATH	Mr. IMAMUDDIN S RAHIMKHAN	Mr. ASIF M LOKAPURI	Mr. MOHAMMEDFAI SAL A NANDGAD	-

### 9. S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
50.	<a href="#">41S B BE 074</a>	<a href="#">DESIGN AND FABRICATION OF NEEM DE-PULPING MACHINE</a>	MECHANICAL ENGINEERING	Prof. SRIDHAR MR. VISHWANATH D	Mr. SHYAM SHANKAR S	Mr. SHARATH S B	Mr. TANVEER AHAMED N	Mr. HEMANTH KUMAR R

### 10. SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT ADYAR, MANGALURU

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
51.	<a href="#">41S B MBA 004</a>	<a href="#">CAPITAL BUDGETING DECISION ON INSTALLATION OF BIO-FUEL PLANT WITH SPECIAL REFERENCE TO BIO-DIESEL FROM RUBBER SEED</a>	MANAGEMENT STUDIES	Dr. VISHAL SAMARTHA	Ms. ANUPAMA P S	Ms. PRAJWALA K	Ms. JEEVITHA	-

### 11. SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
52.	41S_B_BE_108	SEMI AUTOMATED HONGE SEED CLEANING MACHINE	MECHANICAL ENGINEEINRG	Dr. R. SURESH	Mr. MUSTHAFEEZ MUHEEB AHAMED	Mr. L MANU	Mr. M SAGAR	Mr. MOHAMMED SABEER

### 12. VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE/S	STUDENT 1 & TEAM LEADER	STUDENT 2	STUDENT 3	STUDENT 4
53.	<a href="#">41S_B_BE_084</a>	<a href="#">PERFORMANCE CHARACTERISTICS OF METHANOL (CH<sub>3</sub>OH) EXTRACTED FROM ATMOSPHERIC CO<sub>2</sub></a>	MECHANICAL ENGINEEINRG	Prof. PUNEETH S. Prof. VASANTHA V T	Mr. RAKSHAN R	Mr. RAVIKIRAN N S	Mr. SHANKAR R	Mr. BINUBALACHAN DRAN