

Sahyadri
Project
Support
Scheme (SPSS)

SPSS 2017-18 REPORT

Reported by: Dr. Rathishchandra R. Gatti, SPSS Head

Approved by: Chairman: Dr. Manjunath Bhandary

Principal: Dr. Umesh M. Bhushi



SAHYADRI

COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU



Preamble

Motivated by the desire to build a strong base for practical problem solving and hands on skills amongst the students, the Chairman of Sahyadri College of Engineering & Management, Dr. Manjunath Bhandary initiated the Sahyadri Project Support Scheme (SPSS). Through this scheme, the department of Projects and Funding provides financial and academic support for engineering student projects. The SPSS scheme is the novel paradigm and first of its kind amongst technological

universities in India created by Sahyadri College of Engineering & Management. While most of the engineering projects in the engineering colleges and universities are generally conducted as academic final year projects or club projects, SPSS is quite different wherein students execute non-academic engineering projects for the sake of engineering and not obtaining academic scores.



“SPSS Project scheme is an initiative to create interaction amongst the students and improve their analytical thinking abilities to apply engineering concepts in real world. Here at Sahyadri, We not only want the students to acquire only theoretical knowledge but also practical handson skills where they are fully involved in engineering.”

Dr. Manjunath Bhandary

Chairman
Bhandary Foundation



“SPSS Project is an initiative to get hands-on experience for students in application of engineering concepts”

Dr. U. M. Bhushi

Principal
Sahyadri College of Engineering &
Management



“Project based learning is the latest trend in outcome based education and SPSS is one of the novel approaches to combine cognitive analytical skills with psychomotor skills in engineering.”

Dr. Rathishchandra R. Gatti

SPSS-Head
Sahyadri College of Engineering &
Management



SPSS Progress over the last 3 years 2014-17

	Amount Sanctioned (in lakhs)	No of projects Funded	No of projects successfully completed
SPSS 2014-15	6.45	78	58
SPSS 2015-16	17.55	370	233
SPSS 2016-17	17.25	516	466 proposals received. Projects in progress
Techvision 2015	2.45		
Techvision 2016	2.85		
Techvision 2017	3.50		
Srishti 2014 Project exhibition conducted at Sahyadri Campus	10.00		
Srishti 2015 Project exhibition sponsorship	1.00		40 students participated
Srishti 2015 Project exhibition sponsorship	1.00		63 students participated
Total spent in the last 3 years	61.65	894 projects	291 projects successfully completed from 2014-16. About 516 more projects expected to be completed in 2017.

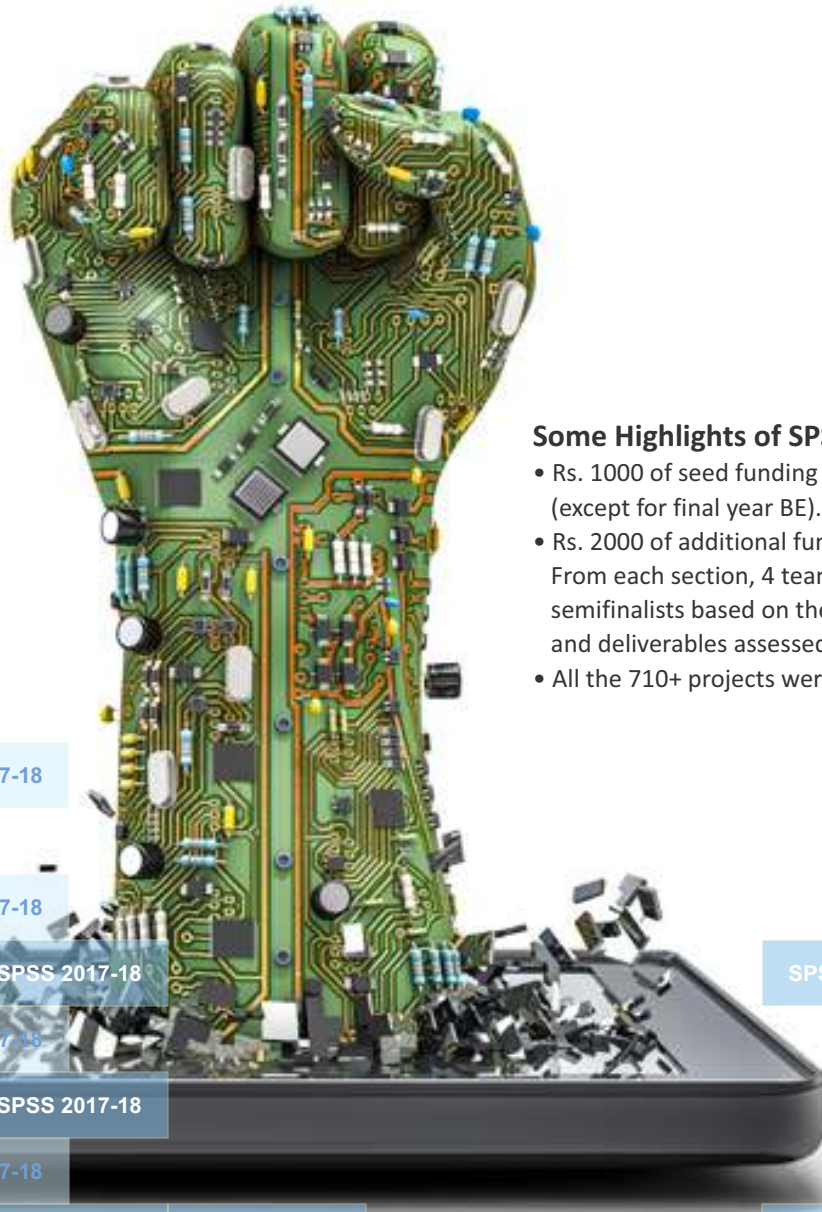
SPSS 2017-18

Summary

In SPSS 2017-18, we achieved the benchmark of executing 710+ student projects. This year, the focus was on product development. This includes 140 from mechanical engineering, 99 from civil engineering, 91 from electronics

and communication engineering, 82 from information science engineering, 135 from compute science engineering, and 45 from MBA. About 20 lacs of rupees were spent for these projects under this SPSS (Sahyadri Projects

support scheme). These 710+ projects were executed throughout the year and were demonstrated in Techvision 2018 that was held on May1, 2018. Around 3000 students participated in the event demonstrating their engineering talent.



Some Highlights of SPSS 2017-18:

- Rs. 1000 of seed funding for all the SPSS projects (except for final year BE).
- Rs. 2000 of additional funding for Semifinalists. From each section, 4 teams were selected as semifinalists based on their project performance and deliverables assessed during Techvision 2018.
- All the 710+ projects were checked for plagiarism.





**710+ Projects
2017-2018**

SPSS REPORT



Project List - Computer Science

Project List - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BECSA01	Interactive Magic Mirror	Rohan Bangera, Monisha Tarkar, K Anuradha Bhaktha, Aman Shetty	Bharath Bhushan
2	2BECSA02	DROWZY EYE DETECTOR	Haseena Begam, Adhithi Pai B, Koushik K, Amrutha, Ganesha	Biniya K Binoy
3	2BECSA03	EXPLAINING ELECTRONIC COMPONENTS USING AUGMENTED REALITY	Kishan H Ghetia, Aditya K Nayak, Hegde Pratiksha Ganesh, Bhargavi Bhat	Sunil B N
4	2BECSA04	SMART NOTES	Ananya S Narayan, Anvitha A Bekal, Ashny Jolita Lasrado, Chirag Naik	Sunil B N
5	2BECSA05	Personal Health Manager App	Ajit Sharma S, Anusha P J, Ashitha, Drusti G B, Sumanth S	Sweekriti M Shetty
6	2BECSA06	FACE RECOGNITION FOR E-ATTENDANCE	Anusha A Bangera, Avinash Mathias, Deepak K, Gavin D'Souza	Sunil B N
7	2BECSA07	MEDI HELP APP	B Akshatha Prabhu, Bharish Alva, Grishma Rao, Mahima M	Sweekriti M Shetty
8	2BECSA08	Pre-placement website	Anula J S, Arthik, Ashwini Shetty, Pallavi Shetty	Sweekriti M Shetty
9	2BECSA09	War Simulation	Ananya G, Ashika N R, Drakshayani, Poojashree, Zubaida H	Sweekriti M Shetty
10	2BECSA10	Controlling Devices using IOT	Siddanth Nayak, Gagan B A, Abhishek Padakannaya M, Dhanyashri	Vijay C P
11	2BECSA11	SMOKE DETECTOR ALARM CIRCUIT	Ashwini, Ananya Shetty, Chaithra Apeksha J Gole, Bhanuprathap	Vijay C P
12	2BECSA12	SYSTEM TO MEASURE SOLAR POWER	Akhilesh Rai, Dushyanth Prabhu B, Anees Bajpe, Manthan	S Girish
13	2BECSA13	Hidden active cell phone detector	Deekshitha V K, Jayashree Deepthi, Ananya K R	Mrs Sweekriti M Shetty
14	2BECSA14	Physically disabled and paralysis patients care system using GSM module and arduino	Varnitha, Charan Raj, Manjera, Divya D Shenoy	Sadhana
15	2BECSA15	ANTI THEFT LOCKING SYSTEM USING SMS ALERT	Devika P J, Gunjan Sahoo, K A Vardhan, Tabassum Khatheeja, Thejas S Shetty	Jinto Thomas



Project List - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BECSB01	BRAIN STACK	Lawrence Anthony Dsouza, Manisha, Meghashree B, Mohammed Anwar	Ronnie Merin George
2	2BECSB02	Finger print scanner for criminal identification	Prasanna Acharya P, Anusha, Lavanya, Meghana, Rajitha	Harisha
3	2BECSB03	Implementation of machine learning algorithm to detect and recognize different food items	Shreyas Baliga, B Nireksha, Ranjan R, Pavan R Soratur, Prashamsa P	Ronnie Merin George
4	2BECSB04	RESTAURANT ORDER MANAGEMENT	Abhishek, Chaithrika S, Krithi D, Jnana Shetty K	Ronnie Merin George
5	2BECSB05	ASKENTA	Joel D'Souza, Nischal S P, Adarsh Shetty, Mohammed Irfan	Shetty Mamatha Gopal
6	2BECSB06	Accident controller using sensors	Prashanth S P Bhardhwaj, Meghna, Poonacha P V, Kshithija J S, M Kshama Kalkur	Prabhakara B K
7	2BECSB07	CODE FOR ARRIVAL OF TRAINS IN DIFFERENT PLATFORMS	Krishna Prasad P, P Harshith, Nidhisudhin	Shetty Mamatha Gopal
8	2BECSB08	LAB REPORT SYSTEM	Lakshmi H N, Mahathvi K H, Mariyam Fahiza, Nithin Kumar K	Jinto Thomas
9	2BECSB09	Emotion Based Music Player	Adithya M Suvarna, Hithaishy B, Sujith D, Rohan Satish Acharya, Meldroy Dickson Ferrao	Madesha M
10	2BECSB10	Application to monitor student attendance with ERP integration	Melwin Lobo, Noronha Kyalif Marcel, Prajwal, Neil Fernandes, Rahul A Salian,	Madesha M
11	2BECSB11	SMART CAR-POOLING APP FOR STUDENTS AND LECTURERS	Karthik R Adyar, Lathika K, Ananya, Jahnvi B	Madesha M
12	2BECSB12	APPLICATION FOR VISUALLY IMPAIRED PEOPLE	Maitthri, Swathi, Megha A, Sangheetha	Madesha M
13	2BECSB13	PI Border security	Subramanya C, Manisha S Chouta, Rithesh, Nisha Fathmia	Duddela Sai Prashanth
14	2BECSB14	SMART REMINDER	P S Subramanya Bhat, Pragathi C Shetty, Namana Padiyar K, Himali Prakash Shetty	Prabhakara B K
15	2BECSB15	Food ordering system using machine learning	Sandeep K, Spoorthy Shetty S, Sushma J	Chaitra Acharya
16	2BECSB16	USING AR TO HELP STUDENTS PRACTICE LAB EXPERIMENTS AT HOME	Jehad Mohamed, Manasvi S, Shravan, Keerthana Rajeev, Meghashree	Shailesh Shetty S



Project List - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BECSC01	Prediction of external marks	Sushmika P R, Varshini Shetty, Purnima S K, Riya Batra	Duddela Sai Prashanth
2	2BECSC02	Android app for tourism	Shreya Nayak, Sudeeksha, Saloni Sherlin Fernandes, Swathi Y V	Biniya K Binoy
3	2BECSC03	FACE RECOGNITION APPLICATIONS	Sooraj Kumar Shetty, Sushmitha Sagar, Reevan D'Souza, Maleeha Fathima, Vignesh Vithobha Nayak	Biniya K Binoy
4	2BECSC04	A Blind mans kit using IOT	Sarika R K, Sonali M Shetty, Sreelakshmi C	Ankitha K
5	2BECSC05	MULTILEVEL SECURITY SYSTEM	Prerana N D, B U Keerthi, Yashaswini S, Shivananda S	Biniya K Binoy
6	2BECSC06	Web site for renting and selling books	Vasu, Preethi S Kunder, Shreya D G, Anwith Shetty	Vijay C P
7	2BECSC07	SAFE SELFIE	Suchita M Gunaga, Sonali S Kumar, Sushmita, Yashaswini M R	Jinto Thomas
8	2BECSC08	ICU Patient monitoring and Emergency detection system	Vishnu V R, Tanveer, Gaurav	Harisha
9	2BECSC09	MANGALORE BUS APPLICATION	Shetty Darshan Bhaskar, Y Apoorva Bhat, Reona Preema Sequeira, Poorna, Shreyas S Kamath	Jinto Thomas
10	2BECSC10	Pair it	Pratheek P B, Rathana H V, Shreedhar E G	Vijay C P
11	2BECSC11	ARM7 Processor based Drunk People Identification	Bhavani Gaikwad G P, Sameeksha, Swathi Reddy	Biniya K Binoy
12	2BECSC12	Helpdeed	Mashitha, Rakshith, Raviganesh	Vijay C P
13	2BECSC13	EMPLOYEE APPRAISAL MANAGEMENT SYSTEM(EAMS)	Reshma Kumari, Pratheek Vagman, Shravan Kumar, Rakshitha, Zulaikhath Marjana	Ronnie Merin George
14	2BECSC14	Examination duty allocation system	Prashanth M, Shyam Kishore, K Pavithra, Varsha S	Ronnie Merin George



Project List - III Year - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BECSA01	IRIS BASED BEHAVIOUR ANALYSIS OF DOGS USING IMAGE PROCESSING	Akanksha Sathish, K Ramitha Ballal, Archana M	Ankitha K
2	3BECSA02	SMART ENVIRONMENT MONITORING SYSTEM USING IOT	Akshatha, Anet P James, Athira M, Saseendran, Chaitra M Poojary	Harisha
3	3BECSA03	Social Cloud (Social Networking site using cloud)	Kavya S Kumar, Ashfiya Mumtaz Hassan, Anita Maria Dsouza, B Ramya	Shreenath Waramballi
4	3BECSA04	Recommendation system	Annapoorna P, Amrutha Shetty, Karthik S Rai	Shreenath Waramballi
5	3BECSA05	Friend App	Archana Shetty S, Ankitha S Devadiga, Fathima Ashura, Khatija Afnaz	Shailesh Shetty S
6	3BECSA06	Product to prevent leaking of sensitive data	Arjun Suvarna, Akash Shetty, Chaman K, Brijesh Patel, Krithesh Bhandary	Duddela Sai Prashanth
7	3BECSA07	Object identification by Tau2 640 camera	Shreya K S, Kavya R, Arpitha, Krithik R	Bharath Bhushan
8	3BECSA08	Py-Base: New approach towards software development and testing design techniques	Abhishek P, Bhavish P Puthran, Diana D'souza, Dwithi D Rai, Krithika S Udupa	Pooja N S
9	3BECSA09	Gaming with Python	Aishrasaba, Aseera, Drishya, Karunya Konde	Suketha
10	3BECSA10	Understanding Speech Signal	Himika, Deeksha P, Karthik, Akshath	S N Bharath Bhushan
11	3BECSA11	SUPERVISED LEARNING BASED - ALGORITHM SELECTION MODEL	Amahammad Rumaan Khalander, Navneeth Krishna, Nidarsh N, Rashwin Nonda	S N Bharath Bhushan
12	3BECSA12	ATTENDANCE PORTAL	Akshath H S, Keerthan P M, Deepraj P, Iyaz	Sunil B N
13	3BECSA13	Personal Library Management System	Kevin Mathew, Anand K B, Hussain Muhammed Ali, Athul Ganesh	Shreenath Waramballi
14	3BECSA14	Online Test Conducting System	Chirag D Bangera, Ashish Kotian, Ashik K	Shreenath Waramballi



Project List - III Year - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BECSB01	E-Canteen(Smart Canteen)	Raghul, Manish J Shetty, Prathiksha P Bappal, Prapthi P Rai	Ankitha K
2	3BECSB02	SMART WATER VALVES	Madhusha J K, Megha K B, Navya Prabhu M, Nandhan Shetty	Ankitha K
3	3BECSB03	College website management system	Deepa Anchan, Anusha Acharya, Ashwitha Jathan, Krithi Dinesh Kottary	Shailesh Shetty S
4	3BECSB04	BookMyBai	Pankaj Kumar Rathi, Megha Bhat K, Rani Adhaduk, Pallavi K	Girish S
5	3BECSB05	Radiobuzz	Chaithra Lakshmi C, Aravinda B, Deeksha, Deeksha	Duddela Sai Prashanth
6	3BECSB06	Bus tracker app (BTA-I 0503)	Manjunath Koralli, Megha R Gatty, Nishmitha, Sameeksha V	Bharath Bhushan
7	3BECSB07	Driodo Driving Assistant	Musthaq Ahamad, Rahil Abdullah, Lalith Sagar Manoj, Maneesh V S	Vanishree B S
8	3BECSB08	Whycee -Students Assistant	Harikrishnan, Sumanth J N, Rahul N, Nithin Thomas	Vanishree B S
9	3BECSB09	CRYPTOVAULT	Nishitha Laxmi, Meghana S Bangera, Monika, Sabna P N	Vanishree B S
10	3BECSB10	Recruitment process Management System	Karishma J, Anusha, Hithartha B J, Nikitha Shet	Pooja N S
11	3BECSB11	TIFFIN SERVICE	Nisha Sharma, Manikya S, Sabrin Taaj, P N Manjusha	Vanishree B S
12	3BECSB12	Story extraction from Images	Prithvi Raj S Amin, Ranjith Raj, Nishan B	Mr. Bharath Bhushan
13	3BECSB13	Shop Smart	Prateek Sharma, Gautham Pai, Muhammed Abdullah Mazin, R Jeevan	Mr. Bharath Bhushan



Project List - III Year - Computer Science

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BECSC01	AYUR-APP	Shefali B S, Shree Nidhi, Sreejitha N, Suchetha Vittlukody	Ankitha K
2	3BECSC02	To design, implement and validate an Internet Based Electronic Voting System that will provide all voting related services like ballot generation and management, voting precincts, administration and monitoring	Thrishathi K C, Renuka S Biradar, Yashavanthi	Chaitra Acharya
3	3BECSC03	Better SPSS Better Sahyadri	Varsha Vinod, Swarna, Vineesha Furthado M, Vidyashri	Sadhana
4	3BECSC04	BEAT THE TIME	Sanam Hassan, Sanjana S Alva, Sneha P Nair, Yadavi	Sadhana
5	3BECSC05	Virtual Augmented Reality	Suhas K, U Nilesh Kini, Yashwin, U Krishnakant Kini	Suketha
6	3BECSC06	HOTEL MANAGEMENT SYSTEM	Shrinidhi Rao, Shrvana S A Rao, Shrinidhi V, Sanath Acharya, Vignesh Vija	Shetty Mamatha Gopal
7	3BECSC07	E-MEDICINE	Shreyank Perla, Sherif Padar, Shreshta M Naik, Varsha L K, Varsha M	Shailesh Shetty S
8	3BECSC08	E Auction	Shreya Salian, Sneha Sunil Bhat, Suhas, Sathvik	Pooja N S
9	3BECSC09	HT Management	Srushti S, Shruthi Nair, Shimna S, Shetty Dipavi	Suketha
10	3BECSC10	VR application	Shridevi Kapileshwari, Stuti Bhardwaj, Supravi Rai, Vaishnavi K L	Duddela Sai Prashanth
11	3BECSC11	EASY JOURNEY ALARM APP	Swarna Bharathi, Mallya K, Shravya, Sumana, Vasundhara B K	Prabhakara B K
12	3BECSC12	Automatic Timetable Generation system	Gautham Rai, Milan Kumar K, Ajay Patel E	Pooja N S
13	3BECSC13	SYSTEM STATUS CHECKING	V P Sanjeev, Abdul Nasir, Swasthika, Megha H R	Prabhakara B K
14	3BECSC14	Advanced surveying	Vaishak R, Sayyad	Chaitra Acharya
15	3BECSC15	Better Application for Better Learning	Vaibhav G B, Bhuvananda, Mahammad Safwan, Shreehari K	Suketha



SPSS REPORT



Project List - Civil Engineering

Project List - Civil Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BECVA01	TO DEVELOP A MODEL TO FIND EFFECTIVE LENGTH OF COLUMNS FOR DIFFERENT END CONDITIONS	Gafoor, Karthik N Shetty, Harshith D Poojary, Noorul Huda, Abdul Tameez	Deepthishree S A
2	2BECVA02	Alignment of existing road	Joe Jose, Shobhith A, Ranjith M, Chandan D Mesta, Dayananda	Kavyashree M P
3	2BECVA03	Developing an excel sheet for BEA with different loadings and end Condition	Chinmay Naik	Deepthishree S Aithal
4	2BECVA04	BENDING MOMENT AND SHEAR FORCE AT DIFFERENT POINTS ON A BEAM using EXCEL	Deena Francisca D'souza	Deepthishree S Aithal
5	2BECVA05	COMPARITIVE STUDY ON THE MATERIALS WHICH CAN REPLACES THE CEMENT IN CONCRETE	Prakash Narayan Poojari, Veeshma M, Nishmitha N (Change of Branch), Narendra Naik (Diploma), Vishal M (Diploma)	Navyashree B R
6	2BECVA06	TESTING THE QUALITY OF BASIC BUILDING MATERIALS	Bharath A K, K A Ashish Acharya, Mahammad Nizamuddin, B Shashank (diploma)	Navyashree B R
7	2BECVA07	STUDY ON MANUFACTURING AND PROPERTIES OF BRICKS AND INTERLOCKS	Aamina Rukhiya, Adarsha H M, Harsha E, Naveen Kumar T (Diploma), Mohammed Yasin (Change of Branch)	Navyashree B R
8	2BECVA08	CASE STUDY ON OPTIMIZATION OF FOUNDATION TYPE DEPENDING ON BUILDING AND SOIL TYPE	Prajna C Bhandari, Hitha E, Usman Zinnurain H, Rajkishor S (Diploma)	Navyashree B R
9	2BECVA09	Design of pump using concept of Hydraulic ram	Darshan C Shetty, Anjan H R, Rakshith R Poojary, Karanraj Mayya, Anusha P	Geetha S D
10	2BECVA10	Modeling of an instrument to verify Bernoullis Principal	Aysha Thanseena, Dheeraj S Suvarna, Hemalatha M S, Mahesh R G Diploma, Sahl Mohammed V P	Geetha S D
11	2BECVA11	Study of Flooring stones	Mohammad Shiyabuddin, Achinthya Mada, Arjun P, Bilal Mohammed H Ismail	Bhavya P
12	2BECVA12	RECONNAISSANCE SURVEY	Shalma, Kiran Rathod, Shreyas, Nikil Nithesh	Kavyashree M P
13	2BECVA13	Study of contour lines and its characteristics	Ayush Pareek, Tayappa, B G Pratheeksha, Bhaghanna	Kavyashree M P
14	2BECVA14	rainwater harvesting in drainage system	Apoorva, Vinay, Salman Shaik, Manoj, Ajaykumar	Krupaksha H K



Project List - Civil Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BECVB01	SURVEY OF SCEM CAMPUS	Sharathkumar K, Sowmya K, Nishmitha K R, Chethan, Mohammad Arfath S P	Kavyashree M P
2	2BECVB02	STUDY ON DIFFERENT TYPES OF CURVES	Rajesh Ganiga, Subramanya, Ansar, Sunny Jordan, Rakesh	Kavyashree M P
3	2BECVB03	TENSION TEST ON MILD STEEL BAR	Pavan P N	Deepthishree S Aithal
4	2BECVB04	DEVELOPMENT OF EXCEL SHEET TO ANALYZE CANTILEVER BEAM AND OVER HANGING BEAM	K S Harshith	Deepthishree S A
5	2BECVB05	Study on partial replacement of cement with fly ash with in concrete	Jyothi (Diploma), Prasanth (Diploma), Mohammed Anwar S, Mohammed Sohail	Vikram
6	2BECVB06	Masonry unit construction using plastic bottles	Harshith A Shetty, Yogisha Patakar Diploma, Akshay Naik Diploma, Rohan Naik Diploma, Narendra S Diploma	Vikram
7	2BECVB07	Replacing sand with quarry stone dust as fine aggregate in concrete block	Vijeth M Diploma, Suhas Adiga, Yashashwini R N, Savin Kumar	Vikram
8	2BECVB09	Study on strength of light weight aggregate concrete	Deekshith, Rohith J Hosamani, Nishanth S Diploma, Tulsiram Diploma	Vikram
9	2BECVB09	A case study on different types of notches and weirs with reference to coefficient of discharge and their practical application	Keerthan H G, Mahammad Yaseen, S Ashwin Bhat, Spoorthi, Ibrahim Bathish	Geetha S D
10	2BECVB10	Pipe network analysis of residential building using excel spread sheets by Hardy Cross Method	Mohammed Tameem Lateral Entry, Suraj R Naik, Nishanth Rai, Nishar Mohiyuddin	Geetha S D
11	2BECVB11	Capacity Estimation at Padil Junction of NH-48	Sujith C K, Shamanth H J, Mahima Ravishankar H K, Arman Ali	Krupaksha H K
12	2BECVB12	Layout Map of Sahyadri College	Mahammed Shafaquat Shaikh, Mohammed Sinan S K, Nihal B B, Pradeep, B A Ashiq Mushtaq	Supreeth Prabhu N
13	2BECVB13	Construction work using waste water bottle	Sanjay H M, Pushpalatha S H, B Shwetha, Ganaraj, Manasa Shetty	Supreeth Prabhu N
14	2BECVB14	DETERMINATION OF GROUNDWATER LEVEL OF ADYAR REGION	Asmath Sharmeen T S, Ullas N S, Soujanya Shetty, Ruthwik M Matti, Shaan Ramlan Ismail	Bhavya P
15	2BECVB15	INCREASING THE BEARING CAPACITY OF SOIL	Mohammad Muddassir N, Sachin, Sharath B R, Ankitha Uday Naik	Bhavya P
16	2BECVB17	DEVELOPMENT OF MODEL TO SHOW STRESS VARIATIONS IN DIFFERENT STRUCTURAL ELEMENT	Rashmi Shetty, Harry Joseph, Puneeth T M, Shreyas H V, Bhavish	Mrs. Deepthishree S Aithal



Project List - Civil Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BECVA01	DRAINAGE SOLUTION FOR RAILWAY TRACK	Rachana R, Rashmitha, Yathin, Shivaraj Kumar C M	Gireesh Mailar
2	3BECVA02	DEVELOPMENT OF ROLLING BARRIER ACCORSS THE ROAD	Sadhana U S, Dalia Elizabeth, Mohammed Mustafa, Nikitha J	Poornima D
3	3BECVA03	DEVELOPMENT OF CABLE CAR FOR EFFICIENT TRANSPORTATIONS	Shwetha, Jevin Maria Dcunha, Suresh, Rachitha, Ananya	Poornima D
4	3BECVA04	Level of Service For Different Category of Roads in Mangaluru	Balraj A Y, U.nagesh Naik, Vaibhav Shetty, Shashwath	Chethan Kumar N T
5	3BECVA05	Use of Inductive Loop Vehicle Detection In Traffic	Zainab Thanseeha, Zulaika Rahila, Suman Milind, Yajnesha, Mohamed Meeran	Chethan Kumar N T
6	3BECVA06	SLOPE STABILITY STUDY AND ANALYSIS	Rashmi K M, Megha R Shetty, Prasanna, Adithya	R Jayaram
7	3BECVA07	Study of pile groups for bridge foundation and model preparation	Ashwini Kiran Basrithaya, Hima A G, Shamal Ahmed, Dinakara D K	Ravi Prasad
8	3BECVA08	Occupational health and safety management system model for different construction industries	Yaseen Bilagi, Gladson Vas, H Rahul, Prajwalaithal, Danish Maddas	Anilkumar N S
9	3BECVA09	SUSTAINABLE BUILDINGS	Savithashree M, Vinson, Anu D, Vachan M B	Anilkumar N S
10	3BECVA10	Utilisation of concrete wastes in concrete blocks “ research work	Sahana Afreen, Soujan, Rajath Salian	Supreeth Prabhu N
11	3BECVA11	Modeling Of Flyover Using Precast Concrete	Rajmuni, Srinidhi P, Abdul, Ashish	Manohar K
12	3BECVA12	Inbuilt grey water treatment system	Pooja V, Sinchana B K, A B Parikshith, Adithya Bhosle, Deekshith M Shetty	Bhavya P
13	3BECVA13	Waste management using vermicompost	Seema, Najeem Sakib, Mazin Abbas, Pranam	Manohar K, Co-guide: Anil Kumar
14	3BECVA14	COMPUTER AIDED ANALYSIS OF BEAAND FRAMES	Yashaswini K L, Varad Baadkar, Thejesh M, Rai Aniketh	Shubha D K
15	3BECVA15	Use of lightweight aggregates and optical fibres in masonry units	Sarhan Ahmed, Mohammed Meer, Mahesh Kumar, Vinodh Kumar, Mohammed Yusuf Rahil	Shubha Damodara K

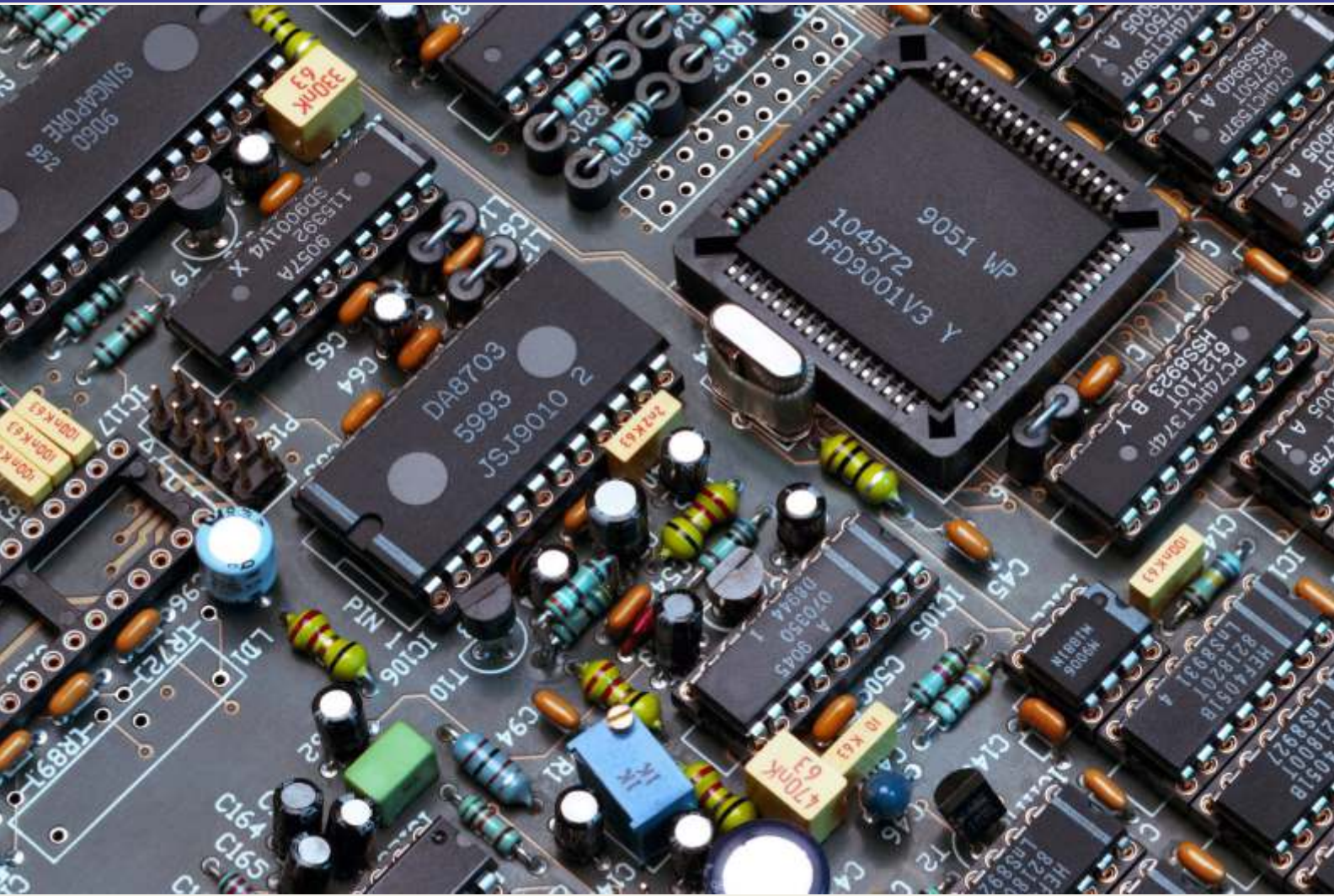


Project List - Civil Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BECVB01	CONCEPT ON FUTURE OF RAILWAY SYSTEM	Saman Ayyub, Prajwal Suvarna, Shashank, Abdul Khadar	Poornima D
2	3BECVB02	RAILWAY TRACK TRACER USING SENSORS	Kiran Hosur, Sujith A V, Jaysurya B S, Praful P Nair	Poornima D
3	3BECVB03	ANALYSIS AND DESIGN OF ZERO WASTE TREATMENT OF GREY WATER	Suraksha K M, Nithesh K, Pratham Shetty, Pushpa Raj	Anilkumar N S
4	3BECVB04	ROOF RAIN WATER HARVESTING FOR SAHYADRI COLLEGE OF ENGINEERING	Deekshith M P, Abhishek Gowda K R, Rakesh Kumar, Santhosh T M	Anilkumar N S
5	3BECVB05	PARTIAL REPLACEMENT OF SAND BY USING COPPER SLAG, M-SAND & FLY ASH	Fathima Shaiba, Suchan, Unnikrishnan, Mohammed Shaheen	Gireesh Mailar
6	3BECVB06	Variation of basic properties of different brands of cement available in market	Ankush R Bhandary, Deeksha Shetty A, Pavithra, Sri Nidhi, Thanvi S	Krupaksha H K
7	3BECVB07	Mangalore tile waste as coarse aggregate in concrete	Anusha R, Pooja, Sachin Kumar, Sapna	Gireesh Mailar
8	3BECVB08	ANALYSIS AND DESIGN OF EARTH QUAKE RESISTANT BUILDINGS	Greeshma Chandran, Parayil Mithula Prakash, Sudheendra R Deshpande, Manasa Naveen	R Kranthi
9	3BECVB09	STUDY OF SOIL TO OPTIMIZING THE TYPE OF FOUNDATION	Jyothi D M, B Swetha, Nihaan, Chaitresh M	R Kranthi
10	3BECVB10	HYBRID FIBER REINFORCED CONCRETE	Bharath S Shetty, Raksha K S, Karthik G, Shivani Salian, Suratha	Manohar K
11	3BECVB11	COMPARATIVE STUDY ON DIFFERENT TYPES OF BITUMEN USED IN PAVEMENT CONSTRUCTION	Prem Kumar T N, Yathiraj T N, Shanmukhappa, Sumanth Kumar Shetty	R Kranthi
12	3BECVB12	REPLACEMENT OF STEEL REINFORCEMENT IN CONCRETE STRUCTURES	Namratha C V, Afeel, Ashwath, Mohammed Saifan	Shubha D K
13	3BECVB13	Development and Study of Behaviour of Self compacting concrete mixes using Flyash	Mayur B Patil, Fawwaz, Saurav Rai	Shubha D K
14	3BECVB14	Studies on the strength of Stabilized mud block masonry using different mortar proportions	Saaketh Jayram, Pandial Sinoria I, Shizu Roshin, Khadeejath Shaima, Khadeeja Mafhooma	Jayaram
15	3BECVB15	STUDY OF SOIL TO OPTIMIZING THE TYPE OF FOUNDATION	Jyothi D M, B Swetha, Nihaan, Chaitresh M, Mohammed Ashik	R Kranthi



SPSS REPORT



Project List - Electronics & Communication Engineering

Project List - Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEECA01	home automation	Akanksha K B, Pranav Jayachandra, H Ashwin Prabhu, Suman Krishna	Santhosh
2	2BEECA02	Public Power Source	Nagaraja, Harshith, Avinash, Ms. Asiya S Patil, Akshay	Santosh
3	2BEECA03	Arduino and Mux based 6 way clap switch	Ashika S Shetty, Thejas Sarvamangala, Meghana N Shetty,	Anush Bekal
4	2BEECA04	Neonatal intensive care unit	Bharath H S, Ashish B V, Bhavith, Sushmitha G J	Santosh
5	2BEECA05	ONE TOUCH ALARM SYSTEM FOR WOMENS SAFETY USING GSM	Ashwitha U P, Deepthi, Akshay Hanisha Elizabeth Mathew	Anush Bekal
6	2BEECA06	PC-BASED OSCILLOSCOPE USING ARDUINO	Ramananda H M, Parikshith B K, Amrutha K, Kavyashree, Ann V Mariya	Anush Bekal
7	2BEECA07	Implementation of a logical circuit based on Multi-Valued Logic	Dhanush D, Stanita Melony Pinto, Jeevithashree K R, Gagandeep B	Ashwath Rao
8	2BEECA08	Pyroelectric Infrared Assistance for transportation	Anirudh Kotary, Kausthubha K, Akash, Nikhil, Nikita Jana	Pavanalaxmi
9	2BEECA09	Mobile Controlled Home Appliances	Chavan Gowda K, Tanvi Shetty, Yatheesh Kumar, Manjunath G K	Ashwin Kumar
10	2BEECA10	Smart Electronic Luggage Security Alarm System	Sanath Bhandary, Keelpadi Sumanth, Deepthi A M, Naik Anushri Uday	Ashwin Kumar
11	2BEECA11	programmable load shedding time management for utility department	Deepthi, Nihal, Alok K, Chaitra, Sahana M	Sharathchandra N
12	2BEECA12	SMART AQUARIUM KIT	Sushmitha B S, Ashwini Naik, Avni R Naik, Spoorthi Kumari	Rroopashree
13	2BEECA13	SMART DISPLAY	Dhrathi S, Fathima Afrin Sanam, Girish Kumar C, H Ranjith Rao	Dr. Ashwath Rao
14	2BEECA14	Automatic exhauster with temperature sensor	Nidha, Pavan, Sudhashree	Kiran Kumar V G



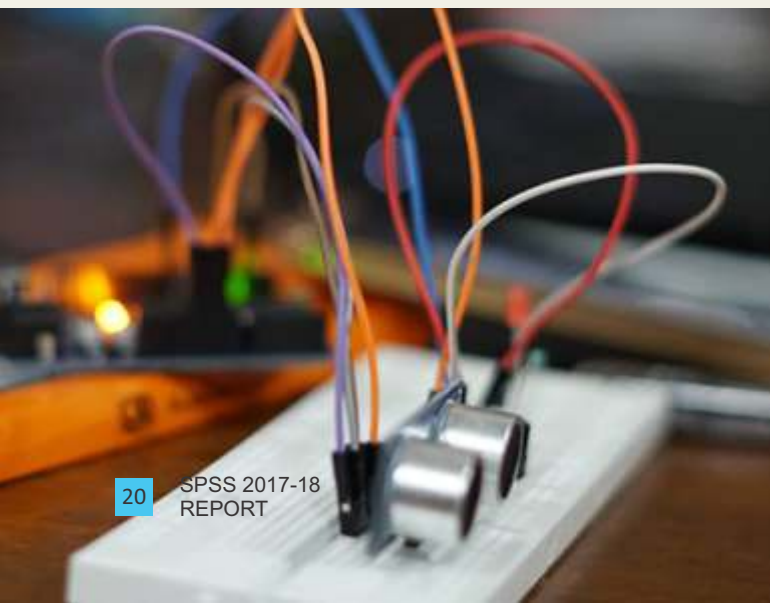
Project List - Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEECB01	Parking Management System	Tejasvi, Subhiksha K B, Shabari K R	Ashwath Rao
2	2BEECB02	Waste management	Shwetha, Rachana, Prashanth K K, Rakesh U	Santosh
3	2BEECB03	Adaptive front light system	Sukhesh N, Shainitha T, Kshama A	Santhosh
4	2BEECB04	CALIBRATION	Priyadarshini K, T Nithin Kumar, Jayalakshmi, Mrudula	Santosh
5	2BEECB05	MINI LAB KIT	Shamiksha Shetty, Pushparaj A, Rohan Shetty, Varsha Rameshan	Santosh
6	2BEECB06	Smart charger	Nishal, Sheershika, Sharli, Nithin, Deepak	Megha N
7	2BEECB07	Control of intensity of light in street lights	Nithesh Shetty, Rayessunisha, Rishel Saldhana, Sahithya D R, Usha B	Sachin C N Shetty
8	2BEECB08	Gas leakage detector	Pragathi M, Vaishali, Sharmila, Samarth	Kiran Kumar
9	2BEECB09	VEHICLE REGISTRATION CODE DETECTOR	Rajith Suvarna D, Rumaiz, Ranjitha Vismitha S Nayak, Ranjitha R	Ashwin Kumar
10	2BEECB10	SWITCHING OF HOME APPLIANCES USING MOBILE	Sharanya, Prathwikramin, Vibha, Namitha	Kiran Kumar
11	2BEECB11	Mobile phone detector	Shahziya Fathima, Priya Naik, Ujwal Uday Shetty, Musthaqem Ahmed	Praveen Kumar M
12	2BEECB12	Smart Highway	Vignesh M, Sneha P Chowtha, Resham Jugular Dalmeida, M Indumathi, Ankitha	Ashwin Kumar
13	2BEECB13	Temperature controlled DC fan	Vaishakha M, Shashank M, Joswin Mark Monteiro, Kripa A	Praveen Kumar M
14	2BEECB14	TEMPERATURE COOLING INSTRUMENT FOR INDUSTRIAL APPLICATION	Krishna Karanth S, Ram Kishor, Nainika, Seema	Ashwath Rao
15	2BEECB15	Piezoelectric mobile charger	Shamanth S Gowda, Nikitha, Swathi K C	Megha N



Project List - Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEECA01	Vehicle Tracking System	Akshatha Amin, John K Thomas, Kalpitha Raj, Hancy Rohan Crasta, Velentina Laura Veigas	Pavanalaxmi
2	3BEECA02	LIDAR BASED TRAFFIC CONTROL USING MATLAB	Kalander D R, Chirag Rao, Hithesh Kumar, Chethan	Pavanalaxmi
3	3BEECA03	LNA for RF circuits	Akshatha, Alka Deepak, Anusha, Ananya Shetty, Harsha Kumara	Praveen Kumar Konda
4	3BEECA04	Improvised TSAR (Tactical Search And Reconnaissance)	Abhishek Dubey, Abhishek U, Aashlesh K, K Chirag Rao, Abdul Khadar Hamdan	Praveen Kumar Konda
5	3BEECA05	Traffic sign detection using MATLAB	Manish, Manish Shettigar, Natesh, Harish Rai, Mohammed Suhaib	Roopashree
6	3BEECA06	Smart Foldable walking Stick With Pulse Sensor and obstacle avoidance	Febin Philix, Ann Thomas, Bhakthi R Pakkala, Hassan Mohammed Ali	Sharathchandra N R
7	3BEECA07	Design and Simulation of Micro strip Patch Antenna for Wireless Communication	Chaithan, Avinash, Azariya, Bhuvan G	Savidhan Shetty C S
8	3BEECA08	VERILOG CODE FOR CAR PARKING SYSTEM	Nishal Nivya Rodrigues, Nouzish M, Nitila Jogi, Nishmitha	Sharathchandra N R
9	3BEECA09	BRIZO(underwater rescue bot)	Chidananda C H, Beryl Priyanka, C Muthu Deepa, Deekshith, Dhanyashree	Sharathchandra N R
10	3BEECA10	Smart Security using Ear	Gurupreeth, Ajay Prajwal Crastha, Lathish Kumar A	Prasanna Kumar C
11	3BEECA11	Light Fidelity for image transfer	Impana S Shetty, Kirti Ullas Shenvi, Hemashree, Ashika P Bhandary, Khadeejath Jasna K J	Prasanna Kumar C
12	3BEECA12	VHDL design of image segmentation using Gabor filter for disease detection	K Shaila Shenoy, Kavana K, Krithika Shanbhag, Kavana T	Pavanalaxmi
13	3BEECA13	Plant Disease Detection Using Image Processing	Manikanta M N, Madhura B S, Megha C, Koushitha K S, Mohammad Faisal,	Roopashree
14	3BEECA14	SOLDERA 'A new era of soldering is now begun.'	Aashish U S, Nishmitha Puthran, Nishal Nivya Rodrigues	Sharathchandra N R
15	3BEECA15	PATTERN GENERATION OF MICROSTRIP PATCH ANTENNA	M Sivanesh, Mohammad Afridi, Mohammad Shandar, Mohammad Shinaz	Roopashree



Project List - Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEECB01	Wireless sensor nodes using piezo electrics for condition monitoring of rotating machinery.	Mamatha, Ranjith K, Shobhitha Y, Santhosh Kumar, Soumya K	Akshatha D
2	3BEECB02	ADAPTIVE FILTER IN HEARING AID SYSTEM FOR IMPAIRED PEOPLE	Rashmi Pai, Punyashree, Priya Suryawanshi, Priya K	Savidhan Shetty C S
3	3BEECB03	Design and simulation of smart antenna array using adaptive beam forming method	Rakshitha K, Rakesh P G, Raksha Chandrashekar, Rehan Sayed, Sahithya K G	Savidhan Shetty C S
4	3BEECB04	Implementation of CRYPTOPROCESSOR in FPGA	Sequeira Ronston Kevin Rocky, Sarika, Shetty Arpitha Shekar, Shruthi	Kiran Kumar
5	3BEECB05	Forest Fire detection system based on wireless sensor network	Premchand M, Vishwanath B E, Pratheek, Rashmith Kumar Rai, Ravishankara D N	Gurusiddayya Hiremath
6	3BEECB06	PCB Detection Using Image Processing	Prathishta Tejpal Puthran, Prathiksha, Prithwi C Bhandary, Prathamesh, Prajwal D Kulal	Gurusiddayya Hiremath
7	3BEECB07	VEHICLE NUMBER PLATE RECOGNITION USING MATLAB	Prajwali T, Prashitha, Supritha, Prajyothi Talekar, Prathwin Shetty	Gurusiddayya Hiremath
8	3BEECB08	SMART GLOVES	Veekshitha Shetty, Simrin Kotian, Swastika, Tejashwini J, Shilpa K	Sachin C N Shetty
9	3BEECB09	FPGA based Design and Implementation of Image Edge Detection using Xilinx	Sushma, Swathi P K, Soumyashree Rao, Swarna	Sachin C N Shetty
10	3BEECB10	FIRE EXTINGUISHER ROBOT	Sapna Prabhu G, Sharini D L, Sheethal	Kiran Kumar
11	3BEECB11	IMPLEMENTATION OF LIGHTWEIGHT CIPHERS IN FPGA	Sharanya B Acharya, Sauhan Hussain, Savitha Vinod, Sharath, Sneha Gummal	Kiran Kumar
12	3BEECB12	Design and Implementation of Analog filters for speech signal analysis	Vishwanath, Suraj, Ritika, Sajana	Savidhan Shetty C S
13	3BEECB13	BAT HAT FOR BLIND	Sharath Bhandari, Praveera, Sunil Kumar, Sachin N R	Akshatha D
14	3BEECB14	PORTABLE MUSIC STREAMER	U Harikrishnan, Vineet Kavlekar, Sourav Raghoji, Tejesh Kumar, Siddarth Shetty	Akshatha D
15	3BEECB15	Sense Humidity and Temperature Together Using Microcontroller	Sandya Damodar, Sanket U Kumar, Saloni N, Sapna Gambhira	Mrs. Megha



SPSS REPORT



Project List - Information Science & Engineering

Project List - Information Science & Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEISA01	Mining of customer behavior for products of any retail shop/E-commerce website	Gauthami P, Deekshitha Chowta, Ankita H, Tanushree D Pal	Tanzila Nargis
2	2BEISA02	Trigger Word Recognition Using Machine Learning	Akshay Ram Bhat, Gagan Nayak, Anvitha Rai, Varsha Shetty	Janardhana D R
3	2BEISA03	Inter Process Communication in client-server paradigm using FIFO	Akshitha B, Lisha Gleni D'Souza, Rakshitha U Shetty, Shruthi D Shetty	Rithesh Pakkala P
4	2BEISA04	DIGITALIZED L.P.G. SYSTEM v2.0	A K Harshith, Abhishek B, Krithika M S, Shetty Suraksha Suresh	Akhila Thejaswi R
5	2BEISA05	Automation Using Raspberry Pi	Sanjay M G, Aniket S M, Divyashree K M, Thameen	Janardhana D R
6	2BEISA06	Mining of customer behavior for products of any retail shop/E-commerce website	Gauthami P, Deekshitha Chowta, Tanushree D Pal, Ankitha H	Tanzila Nargis
7	2BEISA07	Current saver and Battery protector	Charmi Meswani, Asha A, Rohan C, Sanjana Gowda H C,	Tanzila Nargis
8	2BEISA08	Data Transformation using Asymmetric cryptography	Abdul Harfath, Ashik A Prabhu, Kiran Kumar A T	Rithesh Pakkala P
9	2BEISA09	Timetable Management System	Adithya Krishnan, Hithyshi D R, Chaitra B, Fiona Lishal Dsouza	Rajatha
10	2BEISA10	Home automation using IOT	Sunith S Acharya, Mahesh Naik, Akriithi K Shetty, Ananya Rai	Tanzila Nargis
11	2BEISA11	Simple search engine	Shravya Kadam, Shreevidya K, Abhijian Ramkrishan, Anagha Bhat	Balaji N
12	2BEISA12	FACE RECOGNIZATION APP	Akarsh C M, Anvitha Shetty, Shravan K	Janardhan D R
13	2BEISA13	GSM Security Alarm	Ajmal Haneer, Abhijna S, Apoorva, Shreya K G	Ramya B S



Project List - Information Science & Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEISB01	BANKING MANAGEMENT SYSTEM	Navya B L, Swathi N S, Prajwala Naik, Shreya Shetty	Suchetha G
2	2BEISB02	THE HOMEBUYER'S ZONE	B Rachitha, Swapna, Namratha	Madhura Hegde
3	2BEISB03	ALL IN ONE SMART CARD LINKED WITH ADHAR	Pooja G, Nischitha V M, Nafeesath Arfeena	Madhura Hegde
4	2BEISB04	Employee Database Management Software	Thanushree, Sara Ashura, Deepika B R, Rashmitha	Prakhyath Rai
5	2BEISB05	Blood Bank Management Software	Nisarga, Shreenidhi Rai, Spoorthi Krishna Naik	Prakhyath Rai
6	2BEISB06	VTU Studens Record Management Software	Varsha K V, Sharadhi Nagesh Bhat, Pratiksha V Prabhu, Moulya K N	Prakhyath Rai
7	2BEISB07	Grocery shop management	Shreema Alva, Sapna Kumari Goad, Kshama P, Ateeth P V, Pratista N Shetty	Shamanth Rai
8	2BEISB08	HOTEL MANAGEMENT SYSTEM	Rajashree, Shashank, Sourabh, Pooja	Shamanth Rai
9	2BEISB09	Blood donation application	Sourv Bangera, Prithvi, Prakhyath Shimna Shetty, Srinidhi M R	Madhura N Hegde
10	2BEISB10	Olympic Database	Nidhi B Birkodi, Maseetha, Shwetha Rao S, Shrudha Nayak	Praahas Amin
11	2BEISB11	Connecting Rural India with the Government Schemes for efficient Governance via an application.	Pradyumna P Rao, Vinston D'Souza Pratheeksha P D, Shreya S Kanchan	Naitik S T
12	2BEISB12	PDF modifier	Apoorva K, Vaibhavi, Keerthi Uday, Sarika Das	Rajatha
13	2BEISB13	HOSPITAL MANAGEMENT SYSTEM	Sherin Rhea Hartman, Sushma G, Srishti Sureshkumar, Veeksha	Mr. Vasudeva Rao P V
14	2BEISB14	Trie algorithm for Autocomplete and autosuggestion	Manisha A, Pallavi P, Ramya K N Nidhi Shetty, Pratheeksha Hegde	Mr. Vasudeva Rao P V



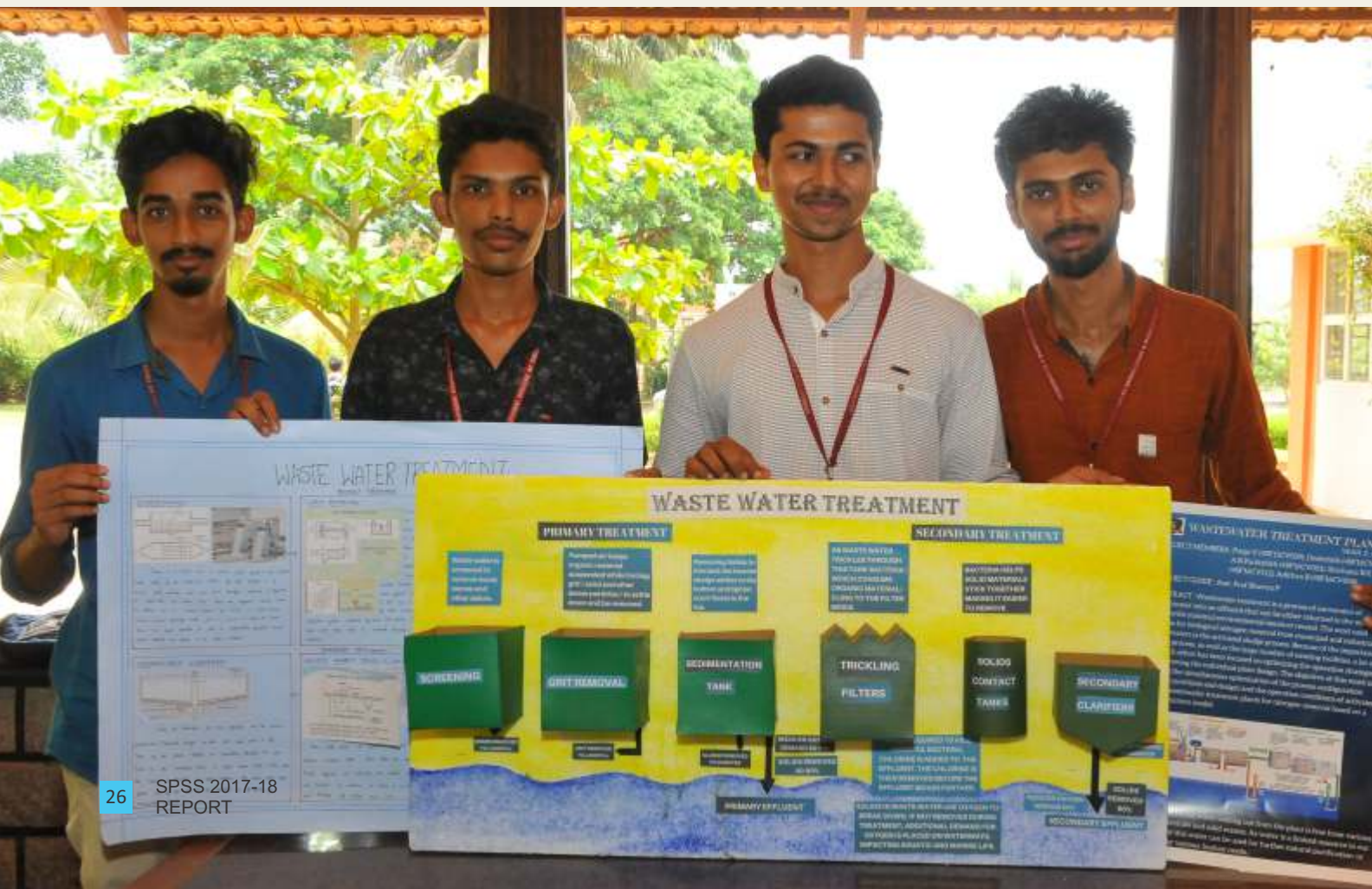
Project List - Information Science & Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEISA01	STOCK MANAGEMENT DATABASE SYSTEM	Amrutha T Shetty, Yashraj R Shetty Chaithanya G Acharya, Pavithra	Deepti Rai
2	3BEISA02	SHOOTING GAME USING WEB VR	Ankitha C Kothwal, Pooja K Patil Anusha Basavaraj Bhogavi,	Deepti Rai
3	3BEISA03	Defender App	Fouziya Afreen, Meghna N, Meghana P	Balaji N
4	3BEISA04	Recognition of User Behavior in SNS	Cheryl Ann D'Souza, Likhitha Naveen, Poorvi S, Jasmin Sushmitha Pal	Akhila Thejaswi R
5	3BEISA05	AGRO-SEARCH-ENGINE	Aykya Rajan Shetty, Ashwini C, K N Vinod Raj, Gautham G Rao	Jayapadmini Kanchan
6	3BEISA06	Block-chain Based Smart Contract	Kishor P V, Nihal S, Suhail Muhammed, Mohammed Sohail Kasim Sayed	Jayapadmini Kanchan
7	3BEISA07	A GST APPROACH FOR SUPERMARKET	Mohammed Shariqe, Ramnath Pai, Prakhyath J	Rithesh Pakkala P
8	3BEISA08	CAR RENTAL SYSTEM	Avaneesh V B, Kirthana Salian, P Megha, Alphonsa Lincy	Suchetha G
9	3BEISA09	CLASSIFICATION OF DATA USING MACHINE LEARNING	Anushree B S, Bhavana B Shetty, Kavya K, Likitha Shetty	Praahas Amin
10	3BEISA10	Power generation using fidget spinner	Manjunatha Kamath M, Chirag, Mohammad Sharjeel, Varun Shenoy	Tanzila Nargis
11	3BEISA11	Building a secure system for DNS operation in Web environment using Digital signature	Kavya Bangari Jogi, Dhanushree, Laya Nhandammadan, Kavya	Naitik S T
12	3BEISA12	Real Time Currency Exchange	Aishwarya P Shetty, Gulfam, Jeethesh Rai	Jayapadmini Kanchan



Project List - Information Science & Engineering

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEISB01	Code Quest Event Management Database	Varsha D Shetty, Srijan S Shetty, Ujwal, Subrao S	Deepti Rai
2	3BEISB02	Speech to text conversion	Shravya U Shetty, Swathi, Vidya Vittal Shetty, Swathi	Rajatha
3	3BEISB03	Paying Guest or Hostel Management System	Sagarika Rai K, Sakshi Shetty, Shailesh Varun, Sushma Shetty	Balaji N
4	3BEISB04	Online Bus Reservation System	Smitha B, Shruti Sanjay Lokeshwar, Snehal L Badiger, Sharan Shetty	Suchetha G
5	3BEISB05	Integrated Banking system with failover and Load balancing	Taiba Abdul Khader, Suvidha B H, Shibani S Shetty, Preeti Ganesh	Vasudeva Rao P V
6	3BEISB06	Heightening the Email Security using Cryptography	Saurav Kumar, Shreya N Kottari, Shrinandan A N	Akhila Thejaswi R
7	3BEISB07	COLLEGE DATABASE MANAGEMENT SYSTEM	Sabitha Mary D'Souza, Ranjitha H K, Sonia, Priyanka	Suchetha G
8	3BEISB08	Online Blood Bank System	Prathika P S, Sharvani, Shreya S, Sonali S, Vandana	Rithesh Pakkala P
9	3BEISB09	Web application for Online course registration	Yashaswi, Rakshith, Primal Lobo	Madhura Hegde
10	3BEISB10	Blood Bank Management System	Rathwini, Ramya, Supritha Bhandary, Swapna	Prakhyath Rai
11	3BEISB11	Graduation Course Guide	Shravya Rai, Shreya K, Yashna Y Salian, Sameeksha S	Naitik S T



SPSS REPORT



Project List - Mechanical Engineering

Project List - Mechanical Engineering

2BEMEA

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEMEA01	AUTO FILLING WATER BOTTLE	Abhijith, Karthik Kumar G, Manish, Motaiah M U, Dheeraj Astakar R	Ramakrishna Devananda P
2	2BEMEA02	AUTOMATIC HAND BRAKING SYSTEM	Jason Ronnie Menezes, Sowrav Bloor, Karthik Kannanth, Mohammed Safwan	Ramakrishna Devananda P
3	2BEMEA03	Smart Steam Power Generator	Ajesh K, Aaron John Alvares, Ganadeep Naik, Madan Kumar B S, Karthik B J	Dennis Pinto
4	2BEMEA04	Increasing efficiency of engine	Abdul Rahman Auf, Suchetha Abdul Shameer, Ashithkumar U M	Impha Y D
5	2BEMEA05	SPROCKET SIDE STAND RETRIVE SYSTEM	Chirag Kumar, Abhishek N, Akash, Chethan Kumar, Keerthan Stalone	Impha Y D
6	2BEMEA06	Adjustable Black board for Effective Utilization	Abhishek M B, Shashank Vijay	Kishore D J
7	2BEMEA07	POWER TREADS	Dhanyath, Pramod, Preet, Hilal	Prasad Chandran N
8	2BEMEA08	SEMI AUTOMATIC PAINTING MACHINE	Akshay Kamalaksha, Abhishek Goutham Gopal M, Badruddin B A, Dhanush G Bangera	Kishore D J
9	2BEMEA09	FAILURE ANALYSIS OF A SPRING	Hitesh, Hemanth, Beerappa, Deepak	Ramakrishna Devananda P
10	2BEMEA10	AUTOMATIC HAMMERING MACHINE	Chirag Bhat, Adithyan R, Ashok Kumar K, Chandan S M	Denis Pinto
11	2BEMEA11	Folding Bridge	Pawan Hegde, Manish Singh, Jeevan Jaganath Mendon, Prithviraj Ranjan Kumar, Harshith V	Kishore D J
12	2BEMEA12	AUTOMATIC HAND BRAKING SYSTEM	Jason Ronnie Menezes, Sowrav Bloor, Mohammed Safwan, Karthik Kannanth, Nikhil Narayanan	Ramakrishna Devananda P
13	2BEMEA13	solar air conditioner		Impha Y D
14	2BEMEA14	Electrical braking system	Harshith K, Anant Ramachandra Bhat, Manoj, Ahmad Shameem	Denis Pinto



Project List - Mechanical Engineering

2BEMEB

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEMEB01	EVALUATION OF STRESSES IN A THICK CYLINDER	Rajath Sanil, Likith N Devadiga, D Disha, Unal Anchan	Suhas
2	2BEMEB02	IMPLEMENTATION OF FOUR BAR MECHANISM IN THE DESIGN AND FABRICATION OF AGRICULTURE CUTTER	Mohammad Maroof, Rishabh Adiga Nidhish V Shetty, Puneeth K, Nithyananda R Mestha,	Suhas
3	2BEMEB03	RACK AND PINION ARRANGEMENT IN WASH BASIN TO PREVENT EXCESS WATER USAGE	Nagraj Sapali, Nilesh Honkamble, Pavan Bhaskara Poojari, Pradeepa K	Suhas
4	2BEMEB04	DIY AIR CONDITIONER	Nakshith Kumar U N, Navaneet A Shetty, Pavan M Upadhya, Prashantha Narayana M N	Hanumantharaya R
5	2BEMEB05	MECHANISED HACKSAW	Preetham S Gomes, Jaya Prakash, Lathesh Shetty	Hanumantharaya R
6	2BEMEB06	CART IRRIGATION SYSTEM	Nikhith Rai, Puneeth Raj, Saurav, Shakshi Kumari, Shodhan G Mendon	Kishore D J
7	2BEMEB07	Semi automated Hacksaw	Pradeep B N, Prasanna, Manish, Jaison Prem D'Souza, Anirudh	Pavitra Ajagol
8	2BEMEB08	AUTOMATIC COOLING OF MIXY JAR	N Avinash Nayak, Joel Sequeira, Shettyyan Dipinraj Naveenchandra	Naveen B
9	2BEMEB09	Foot Step Energy Converter	Kaushik M, Poornachandra Bhat, Saptama Bhandary, Vignasha Poojary	Naveen B
10	2BEMEB10	Free energy generator	Nithish Rai, Kiran Kumar, Sourav Shetty, Karan Shetty	Naveen B
11	2BEMEB11	Flexible Drilling And Grinding Machine(DAG)	P Kripal, Rakshith Salian, Sachin Prabhu, Ranjith	Abhishek K
12	2BEMEB12	FABRICATION AND ANALYSIS OF AUTOMATED ROBOTIC ARM	Shazin Ali, Niraj N Shetty, Praveen Timmappa Naik	Prakashkumar Kavalur
13	2BEMEB13	Mechanically operated Fertilizer spreader	Mohammed Afreed, Sagar H R, Muhammad Ashiq, Abhishek K S, Abdul Rahman Mohd Hussain	Kishore D J
14	2BEMEB14	Mechanical characterisation of glass fibre epoxy composite material	Shetty Abhilash, Nithin C Reddy, Nithin M, Karthik G N, Ravi	Prakashkumar Kavalur
15	2BEMEB15	AIR ENGINE	Prabhath Shenoy, Muzammil Khan, Prashabh Jayaprakash	Abhishek K
16	2BEMEB16	Evaluation of flexural and impact properties of fiber reinforced epoxy composite materials	Mohammed Fairoz, Mohammed Naseel	Hanumantharaya R
17	2BEMEB17	WIND TURBINE	Keerthan L Das, Naveenkumar D, Manoj C P, Rakshith K R	Naveen B
18	2BEMEB18	Automated Seed Sowing Machine	P Gagan Govind Kalluraya, Girish K Muhmmad Misbaah Uddeen, Mohammed Ashir, Mohammed Hafeez,	Naveen B
19	2BEMEB19	THREE AXIS PNEUMATIC MODERN TRAILERS BY USING SINGLE CYLINDER	Sarvotham, Rathana J, Sagar S K, Shayan Raj	Ravindra Babu G

Project List - Mechanical Engineering

2BEMEC

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	2BEMEC01	HEAT TREATMENT OF EN 19 STEEL	Shanker R Kumar, Tejaswini N V, Shivasharan S, Vishal V Rane, Aafaque Shaik	Ramakrishna Devananda P
2	2BEMEC02	TO AUTOMATE THE PROCESS OF DISHWASHING TO HELP THE HOTEL MANAGEMENT	Harshitha K B, Ziyad Hussain, Pradeep Kumar, Varun Raj J	Prakashkumar Kavalur
3	2BEMEC03	Avoiding the accidents of automobiles during turns on the hilly roads by using a load cell sensor and inductive or magnetic pick up sensors	Atul S Waingankar, Sagar S Bandekar, Vishal V Panikar, Yogesh Patgar, Sachin U Naik	Manjunath Patel G C
4	2BEMEC04	Electromagnetic moulding	Vaishakh Y Karkera, Charan B, Shwan Prajwal Dsouza, Preethesh, Shreyas Frank	Impha Y D
5	2BEMEC05	Thermodynamically operated Fan (using candle flame)	Sougandh Sudhy K V, Shashank, Muhammad Ameeruddeen B, Vaishak S Shetty, Karthik N	Impha Y D
6	2BEMEC06	Design, study different Mechanisms used in Production Machines	Rithesh Kumar S Shetty, Savan, Dhanush V Poojary, Nikhil Prasad O L Shreyas Dhanush	Prasad Chandran N
7	2BEMEC07	VERTICAL TAKEOFF AND LANDING PLANE (VTOL)	Shubham, Yashanth Shetty, Shreyas R V, Udaya Kumar	Manjunath Patel
8	2BEMEC08	HYDROLIC MOBILE CRANE	Bhuvanesh S	Rakshith H S
9	2BEMEC09	Wind Mill	Sunesh G, Ashish Shetty P, Gollara Suresh, Swaroopa H Y	Prasadh Chandhran N
10	2BEMEC10	Anti-theft wheel Locking system in two wheelers	Revanth U M, Vineeth, Vinyas, Vikyath, Rehan	Prasad Chandran
11	2BEMEC11	GEAR LESS TRANSMISSION	Santoshkumar, Sanjay, Shashank	Manjunath Patel
12	2BEMEC12	PEDAL OPERATED MOBILE CHARGER	Prajwal Deviah K, Vinayak, Chandan, Amith	Impha Y D
13	2BEMEC13	AUTOMATED DOUBLE HACKSAW	Preetham G L, Suman S Shetty, Shreyas S Shetty, Saifan M Saleem, Mohammad Sab	Ramakrishna Devananda P
14	2BEMEC14	Power Generation by a vibration absorber	Sunraj Martha, Swasthik M, Yash Raj, Nikesh, Dhanush	Naveen B
15	2BEMEC15	FABRICATION OF CHAINLESS BICYCLE	Sathish Diploma, Shreyas, Swastik Kotian, Vishruth, Vijesh	Naveen B
16	2BEMEC16	Motorized Vegetable Cutter Machine	Anwith G Hebbar, B Pranava, Pramod Gowda H M, Vinayaka K, Manesh A Yalakapati	Naveen B



Project List - Mechanical Engineering

3BEMEA

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEMEA01	Prediction of bearing failures in rotating machinery using affordable piezoelectric sensors	Akshay M, Anoop Raj, Gowri Ganesh, Janmith J Shetty	Rathishchandra Gatti
2	3BEMEA02	RUBBER TAPPING SYSTEM	Sudesh N Acharya, Vijeth Kulal, Shrivathsa, Rupesh R	Rathishchandra R Gatti
3	3BEMEA03	ELECTROMECHANICAL AGRO SHREDDER	Allan Loy D'Souza, Adil Mohammed, Darshan N P, Ashik Kumar A Naik,	Rathishchandra R Gatti
4	3BEMEA04	INSTANT WASTE DISPOSAL SYSTEM IN RAILWAYS	K Rakshith Ballal, Deekshith. D, Chaitra, Ashwin, Gupta Amit	Ajith B S
5	3BEMEA05	COMPRESSED AIR DRIVE VEHICLE	Akshaya, Chandan H Y, Charan Raj, Kiran C M	Lawrence J Fernandes
6	3BEMEA06	GRASS SHAPING MACHINE	Amith Acharya, Merwin D'Sa, Ahmed Nawaf, Akshay Rai E, Mahammed Sameer	Ajith B S
7	3BEMEA07	Design and Fabrication of Arecanut tree Climber	Mohammed Akef, Darshan S Bhut, Jonathan Adriel Rodrigues, Mohammad Safwan K	Prasad Chandran N & Promod B C
8	3BEMEA08	TENDER COCONUT CUTTING MACHINE	Adithya Krishna, Kiran Shetty, Danusha Bhandary, Karthik	Abhishek K
9	3BEMEA09	Puffed Rice Making Machine	Anirudh Mallya U, Allan Loy Dsouza, Jonathan Adriel Rodrigues, Ashwith Immanuel Mendonca	Manjunath Patel & Prasanna Kumar
10	3BEMEA10	Automated Pumping of water to plants	Alister Sujith Lasrado, Shetty Dhanisha Chandrashekhar, Deviprasad Rai, Akash Gupta	Ajith B S
11	3BEMEA11	AIR CONDITIONER WITH EXHAUST FAN	Mohamed Fahad, Mehfil M, Deepak, Dhanish	Vikas G and Co-Guide: Lawrence J Fernandes
12	3BEMEA12	AUTOMATIC SIDE STAND MECHANISM	A R Arunkumar, Ahmed Zulfi, Ameen Mohammad Nazeer, Gunjancharoria	Mr. Pramod B C
13	3BEMEA13	RIVER CLEANING MACHINE	Akshay P N, Karthik Ravindran, Mehfooz	Pramod B C
14	3BEMEA14	Cycle type seed sowing machine	Ahammad Bashith, Likhith Poojary, Karthik H, Mehfil M, Dhanish Sarvar, Mahamood S N P	Prakash Kumar Kavalur
15	3BEMEA15	MINI CONVEYOR	Athul V Anil, Danish Jabbar, Ankit P, Farzin Ahammed	Abhishek K



Project List - Mechanical Engineering

3BEMEB

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEMEB01	SOLENOIDAL ENGINE CAR	Raghavendra Naik, Prekshith Y P, Nishant, Sheikh Mohammed Anas	Ravindra Babu G
2	3BEMEB02	POWER GENERATION FROM SPEED BREAKER	Sarath Saseendran M V, Nithin Vijayan, Mohammed Marwan	Abhishek K
3	3BEMEB03	MULTI-TASKING MECHANICAL RAW MATERIAL CHOPPER	Rahul, Narthan Nachappa, Nithesha, Prathik Chandra, Prithvi Kumar Rai	Lawrence J Fernandes
4	3BEMEB04	Automatic shoe waxing equipment	Rayees Hussain, Rahul, Nikithan Nachappa, Sagar Hadagali	Vikas G and Co-Guide: Naveen B
5	3BEMEB05	MECHANICAL WHITE BOARD CLEANER	Moosa Maashook, Mohammed Radil, Mohammed Anees N L, Mohammed Ashraf	Vikas G and Co-Guide: Naveen B
6	3BEMEB06	Multi Purpose Portable Charging Kit	Pradeep Chauhan, Saurabh R Shetty, Prashob S Shetty, Preethesh K	Vikas G and Co-Guide: Naveen B
7	3BEMEB07	AUTOMATED HAMMERING MACHINE	Mohammad Azeem, Mohammad Aqib, Mohammad Suhaim, Nandappa Moolimani	Ravindrababu G
8	3BEMEB08	Design and development of weight Supporting device for farmers and construction workers	Pranjal Rai, Mokshith, Preetham K U, Nihal, Pushpak	Ajith B S
9	3BEMEB09	EXTRACTION OF BIO-DIESEL FROM CHICKEN WASTE	Prajwal B R, Rakshan C Naik, Preetham, Mohit Kolamkar	Ajith B S
10	3BEMEB10	PORTABLE MINI BIO-GAS PLANT	Praveen K P, Naveen A, N M Shravan	Ajith B S
11	3BEMEB11	Mechanical Footstep Power generator	Shakin Shaikh, Sachin, Prajesh	Lawrence J Fernandes
12	3BEMEB12	MAKERPRO: 4 in 1 3D printer	Sagar K Devadiga, Shaun Rahul Rodrigues, Safwan Jamaluddin Hussain	Ajith B S
13	3BEMEB13	Outline and Development of Parkinson Gear Tester for Spur Gear	Pratheek J Rai, Prahallad, Saurabh Samani, Sahil N Raj	Suhas
14	3BEMEB14	Sand Filter Rig	Mohammad Imthiyaz, Sajith Kumar, Mohammed Faiz, Muzammil P K, Mohideen Naseef Hussain	Lawrence J Fernandes



Project List - Mechanical Engineering

3BEMEC

Sl. No.	Project No.	Project Title	Project Team	Supervisor
1	3BEMEC01	GENERATION OF POWER FROM VORTEX OF WATER	Anudeep L, Chethan, Shrinidhi Holla, Pradeep S Naik	Mahadev
2	3BEMEC02	EMMERGENCY PRE-BRAKING SYSTEM FOR DRIVERLESS CARS	Tilak Narayan Naik, Banu Pramod, Dhanraj Y K, Madan K N, Arun N Devadiga	Rathishchandra R Gatti
3	3BEMEC03	Acrylic Bending Machine	P Sumanth Shenoy, Gagan R Shetty, Prajwal Shetty, Shivakumara K C	Hanumantharaya R
4	3BEMEC04	Generating electricity by using high velocity air by vehicles on the highway	Gopalakrishna Sharma D, Sagar, Manjunath, Shrivankumar, Madiwalappa S B	Mahadev
5	3BEMEC05	AUTOMATED CAMERA SLIDER	Vignesh, Kishor K H, Prakash M, Shrinivas Poojary	Kiran Prakasha A
6	3BEMEC06	TELESCOPIC ARMED STAIRCASE CLIMBER	Kausthubh P, Shreyas P, Vishnu Divakaran Nair, Chethan	Kiran Prakasha A
7	3BEMEC07	PNUEMATIC PICK AND PLACE	Faisal Ahamed	Rakshith H S
8	3BEMEC08	Applications of Geneva Wheel Mechanism	Shruthesh D Rai	Rakshith H S
9	3BEMEC09	ARECANUT DEHUSKING MACHINE	Shivaprasad N, Vishu Kumar B, Raghavendra, Sriram Shenoy K, Mohamed Thashref K P	Rathishchandra R Gatti
10	3BEMEC10	Hacksaw Powered By Beam Engine	Balaraj Billava	Rakshith H S
11	3BEMEC11	Hydraulic Robotic Arm	Mahadeva, Ranjith P, Vikah Kunder, Varun	Hanumantharaya R
12	3BEMEC12	Geneva wheel driven mini conveyor	Varun Karkera, Vishal, Suraj Louis D'Cunha	Mahadev U M
13	3BEMEC13	POWER DRIVEN PORTABLE HAMMERING MACHINE	Samroot, Soham P Mishra, Suresh, Vishal S Tandel	Kiran Prakasha A
14	3BEMEC14	WHEEL SPRAY PUMP FOR CROPS	Sushant Kantrikar, Supreet Bhandari, Brajesh Chavan, Vijay A P, Shravan Shetty	Pavitra Ajagol





SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU

In association with



You are cordially invited to

TECH VISION

Intra College Project Exhibition

2018

Chief Guest

Mr. K Prabhakar Rao

Director-Works.

Mangalore Chemicals & Fertilizers Ltd.

Dr. Ramakrishna

Senior Principal Scientist

Defence Food Research Laboratory, DRDO

Ministry of Defence.

Presided by

Dr. U. M. Bhushi

Principal, SCEM

Date: 01 May, 2018 - **Time:** 09.00 AM

Venue: Sahyadri Campus

Rathish
Convener

Suhas
ME

Sai Prashanth
CSE

Madhura Hegde
IS

Kavyashree
Civil

Savidhan Shetty
ECE

Sahyadri Campus, Mangaluru - 575007

710+
student projects

TechVision 2018 is a one-day intra-collegiate project competition will be held in the Campus on 1st May, 2018. The main objective of this event is to inspire young minds of the engineering students by providing them a platform to demonstrate their skills and knowledge through projects. Around 20 Lakh rupees have been spent on Sahyadri Project Support Scheme (SPSS) wherein the grants are being provided to each of the qualified student projects. More than 710 projects including SPSS and Non-SPSS projects of BE ,M.Tech and MBA and VTU final year projects of B.E students will be on display. More than 3000 students will be participating in the event demonstrating their engineering talent. Around Rs.2,07,000 amount has been sanctioned by the SCEM management for prizes.

GUEST PROFILE



Mr. K Prabhakar Rao,
Director-Works.
Mangalore Chemicals & Fertilizers Ltd.

Mr. Prabhakar Rao, has been working with MCF since 1978 and has handled various responsibilities in the Company. As Director – Works, he is presently responsible for production, maintenance, quality control, technical services, projects, safety and logistics at the Company's plant in Mangalore.



Dr. Ramakrishna
Senior Principal Scientist - Defence Food Research Laboratory, DRDO

Dr Ramakrishna A. from Defence Research and Development Organisation (DRDO) is the Head of Research Appliances and Senior Principal Scientist (Food Engineering & Packaging), DRDO, Ministry of Defence. Dr Ramakrishna has 34 years of wide experience in the development of polymer composites, food processing on functional, nutritional foods, its process and packaging systems.





TechVision 2018, a One-Day intra-collegiate project competition was held in the campus. The main objective of this event was to inspire young minds by providing them a platform to demonstrate their skills and knowledge through projects. Around 20 lakhs rupees have been spent on Sahyadri Project Support Scheme (SPSS) wherein the grants are being provided to each of the qualified student projects. More than 710 projects including SPSS and Non-SPSS projects of BE, M.Tech, MBA and VTU final year projects of B.E students were on display. More than 3000

students participated in the event demonstrating their engineering talent. TechVision 2018 was inaugurated by Mr. K. Prabhakar Rao, Director –Works, Mangalore Chemicals & Fertilizers Ltd and Dr. Ramakrishna, Senior Principal Scientist, Defence Food Research Laboratory, DRDO, Ministry of Defence. While addressing the gathering, Mr. K. Prabhakar Rao emphasised on project management as one of the experiences to be learnt by students. He spoke about PDCA Cycle, Six Sigma and the new technologies. He also touched upon the difference between innovation and

invention. He mentioned that the transition from one comfort zone to higher level of comfort zone is through many uncomfortable zones. Dr. Ramakrishna talked about the importance of food. He said food should be taken as medicine & not medicine taken as food. He spoke about diverse emerging technologies and motivated the students to take up projects. During the valedictory ceremony, the winning projects of both Engineering & MBA were awarded.



SPSS Semifinals List - 2018

Department of Civil Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
2nd Year A Section				
1	2BECVB04	Excel sheet for over hanging beams	K S Harshith	Deepthishree S A
2	2BECVB11	Estimation of highway I Padil Junction	Sujith C K, Shamanth H J, Arman Ali, Ravishankar H K, Mahima M S	Krupaksha
3	2BECVB06	Masonry construction by plastic bottle	Harshith A Shetty, YogishaPatakar, Akshay Naik, Rohan Naik, Narendra S	Vikram
4	2BECVB13	Construction work using plastic bottle	Sanjay H M, Pushpalatha S H, B Shwetha, Ganaraj, Manasa Shetty	Supreeth Prabu
2nd Year B Section				
1	2BECVA09	Design of pump using Hydraulic Ram	Darshan C Shetty, Rakshith R Poojary, Karanrajmayya, Anusha P, Anjan H R	Geetha S A
2	3BECVA12	Inbuilt Grey water treatment system	Pooja V, Sinchana B K, A B. Parikshith, Adithya Bhosle, Deekshith M Shetty	Bhavya P
3	2BECVA10	Modeling of an instrument to verify Bernoulli's Principal	Aysha Thanseena, Hemalatha M S, Dheeraj S Suvarna, Mahesh R G, Sahl Mohammed V P	Geetha S A
4	2BECVA03	Development an excel sheet for cantilever beam	Chenmay Naik	Deepthishree S A



SPSS Semifinals List - 2018

Department of Civil Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
3rd Year A Section				
1	3BECVA09	Automated plant count by unsupervised classification using UAV acquired imagery	Savithashree M, Vinson, Anu D, Vachan M B	Prajwal
2	3BECVA13	Development of environmental friendly floating concrete using expanded polysterene	Seema, Najeem Sakib, Mazin Abbas, Pranam	Monohar K
3	3BECVA02	Proposal of roller barriers across the road in India	Sadhana U S, Dalia Elizabeth, Mohammed Mustafa, Nikitha J	Poornima D
4	3BECVA07	Software for RC isolated floating design	Ashwini Kiran Basrithaya, Hima A G, Shamal Ahmed, Dinakara D K	Vikram
3rd Year B Section				
1	3BECVB03	Analysis & Design of zero waste treatment of grey water	Suraksha K M, Nithesh K, Pushpa Raj, Pratham Shetty	Anilkumar N S
2	3BECVB14	Studies on the strength of Stabilized mud block masonry using different mortar proportions	Saaketh Jayram, Pandial Sinoria I, Shizu Roshin, Khadeejath Shaima, Khadeeja Mafhooma	Jayaram
3	3BECVB06	Variation of basic properties of different brands of cement available in market	Ankush R Bhandary, Deeksha Shetty A, Pavithra, Sri Nidhi, Thanvi S	Krupaksha
4	3BECVB07	Manglore tile waste as coarse aggregate in concrete	Anusha R, Pooja, Sachin Kumar, Sapna	Gereesh
MTech				
1	PGCV01	Secondary prestressing momets in rehabilitated post tensioned bridges	Radhika Nayak M Preetham Ganesh	Poornima D
2	PGCV 02	Vetricular underpass	Rajalakshmi N V, Nusrath Shanas	Ramya K
3	PGCV 03	Analysis &Design of retaining wall using staad pro	Raghavendra R Kulkarni, Sharanya R	Smitha



SPSS Semifinals List - 2018

Department of Mechanical Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
2nd BE Section A				
1	2BEMEA02	Portable cutting-saw machine	Jason Ronnie Menezes, Sowrav Boloor Mohammed Safwan, Karthik Kannanth	Ramakrishna Devananda
2	2BEMEA05	Automatic stand retrieval system	Chiragkumar, Abhishek N, Akash, Chethan Kumar, Keerthan Stalone	Impha Y D
3	2BEMEA08	Semi-automatic preening machine	Akshay Kamalaksha, Badruddin B A, Goutham Gopal M, Dhanush G Bangera Abhishek	Kishore D J
4	2BEMEA09	Drill preen machine	Hitesh, Hemanth, Beerappa, Deepak	Ramakrishna Devananda
2nd BE Section B				
1	2BEMEB08	Automatic cooling of mixing jar	N Avinash Nayak, Joel Sequeira, Shettyan Dipinraj Naveenchandra	Naveen B
2	2BEMEB11	Flexible drilling grinding machine	P Kripal, Rakshith Salian, Sachin Prabhu, Ranjith	Abhishek K
3	2BEMEB15	Powdering Machine	Prabhath Shenoy, Muzammil Khan, Prashabh Jayaprakash	Abhishek K
4	2BEMEB18	Electronic shock Absorber	Gagan Govind K P, Mohammed Ashir, Mohammed Hafeez, Girish K, Muhmmad Misbaah Uddeen,	Naveen B
2nd BE Section C				
1	2BEMEC02	Four-wayHacksaw Machine	Harshitha K B, Ziyad Hussain Pradeep Kumar, Varun Raj J	Prakash kumar kavaloor
2	2BEMEC05	Thermoelectric USB charger	Sougandh Sudhy K V, Vaishak S Shetty Shashank, Muhammad Ameeruddeen B Karthik N	Impha Y D
3	2BEMEC06	Electronic Dump Cart	Rithesh Kumar S Shetty, Savan, Dhanush V Poojary, Nikhil Prasad O L Shreyas Dhanush	Prasad Chandran
4	2BEMEC08	Hydraulic operated Jack	Bhuvanesh S	Rakshith H S



SPSS Semifinals List - 2018

Department of Mechanical Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
3rd BE Section A				
1	3BEMEA01	Prediction of bearing failure in rotating machinery using affordable sensors	Akshay M, Anoop Raj, Gowriganesh Janmith J Shetty	Rathischandra Gatti
2	3BEMEA02	Rubber tapping machine	Sudesh N Acharya, Vijethkunal Shrivathsa, Rupesh R Acharya	Rathischandra Gatti
3	3BEMEA09	Semi-automatic puffed rice	Anirudh Mallya U, Allan Loy D'Souza, Jonathan Adriel Rodrigues, Ashwith Immanuel Mendonca	Manjunath Patel
4	3BEMEA14	Automatic seed sowing machine	Ahammad Bashith, Likhith Poojary, Karthik H, Mehfil M, Dhanish Sarvar, Mahamood S N P	Prakash Kumar Kavaloor
3rd BE Section B				
1	3BEMEAB07	Automated Hammering Machine	Mohammad Azeem, Mohammad Suhaim, Nandappa Moolimani, Mohammad Aqib	Ravindra Babu G
2	3BEMEAB12	3-D printer	Sagar K Devadiga, Jamaluddin Hussain Safwan, Shaun Rahul Rodrigues	Ajith B S
3	3BEMEAB14	Sand filter rig	Mohammad Imthiyaz, Mohammed Faiz Mohideen Naseef Hussain, Sajith Kumar, Muzammil P K	Lawrence J F
4	3BEMEAB16	Noodle making machine	Mohammed Ishfaq, Mohammed Shaheed Mohammad Arif, Nabeel Bava, Nived K C	
3rd BE Section C				
1	3BEME02	Emergency pre-breaking system for driver less cars	Tilak Narayan Naik, Banu Pramod Dhanraj Y K, Madan K N, Arun N Devadiga	Rathischandra Gatti
2	3BEME03	Acrylic Bending Machine	P Sumanth Shenoy, Gagan R Shetty, Prajwal Shetty, Shivakumara K C	Hanumanthraya
3	3BEME12	Generation of electricity from suspension	Varun Karkera, Vishal, Suraj Louis D'Cunha	Mahedev U M
4	3BEME14	Hydraulic Ram Pump	Sushant Kantrikar, Supreet Bhandari, Brajesh Chavan, Vijay A P, Shravan Shetty	Pavitha Ajagol



SPSS Semifinals List - 2018

Department of Computer Science & Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
2nd BE Section A				
1	2BECSA13	Hidden active cellphone detector	Deekshitha V K, Jayashree, Deepthi Ananya K R	Sweekrithi M
2	2BECSA15	Antitheft locking system using SMS alert	Devika P J, Gunjan Sahoo K A Vardhan, Tabassum Khatheer, Thejas S Shetty	Jinto Thomas
3	2BECSA05	My Medicine	Ajit Sharma S, Anusha P J, Ashitha, Drusti G B, Sumanth S	Sweekrithi M
4	2BECSA08	Preplacement website	Anula J S Arthik, Ashwini Shetty Pallavi Shetty	Sweekrithi M
2nd BE Section B				
1	2BECSB10	Deep Motion	Melwin Lobo, Prajwal, Neil Fernandes Rahul A Salian, Noronha Kyalif Marcel	Madesha M
2	2BECSB01	Brain Stack	Lawrence Anthony D'Souza, Manisha, Meghashree B, Mohammed Anwar	Ronnie Merin George
3	2BECSB13	Border Security	Subramanya C, Manisha S Chouta Rithesh, Nisha Fathmia	Duddela Sai Prashanth
4	2BECSB05	Askenta	Joel D'Souza, Nischal S P, Adarsh Shetty, Mohammed Irfan	Shetty Mamatha Gopal
2nd BE Section C				
1	2BECSA15	Stroke Detection	Sunil Kumar, Souravi, Rahul V Hegde, Harshitha, Mehgaraj Shetty	Ashwitha
2	2BECSA01	Prediction of external marks	Sushmika P R, Varshini Shetty, Purnima S K, Riya Batra	Duddela Sai Prashanth
3	2BECSA06	Air Attack	Vasu, Preethi S Kunder, Shreya D G, Anwith Shetty	Vijay C P
4	2BECSA09	Easy PG	Shetty Darshan Bhaskar, Poorna, Shreyas S Kamath, Y Apoorva Bhat, Reona Preema Sequeira	Jinto Thomas



SPSS Semifinals List - 2018

Department of Computer Science & Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
3rd BE Section A				
1	3BECSA06	Product to prevent leaking of sensitive data	Arjun Suvarna, Krithesh Bhandary Brijesh Patel, Akash Shetty, Chaman K	Duddela Sai Prashanth
2	3BECSA08	Py-Base	Abhishek P, Bhavish P Puthran, Diana D'Souza, Dwithi D Rai Krithika S Udupa	Pooja
3	3BECSB05	Determination of suitable medicine using machine learning	Chaithra Lakshmi C, Aravinda B, Deeksha, Deeksha	Prashanth
4	3BECSA01	IRIS based analysis of dogs using image processing	Akanksha Sathish, K Ramitha Ballal, Archana M	Ankitha
3rd BE Section B				
1	3BECSA11	Supervised learning based algorithm selection model	Mahammad Rumaan Khalander, Navneeth Krishna, Nidarsh N, Rashwin Nonda	Bharath Bhushan
2	3BECSB04	Book my Bai	Pankaj Kumar Rathi, Megha Bhat K, Rani Adhaduk, Pallavi K	Girish S
3	3BECSB06	Bus tracker app (BTA-I 0503)	Manjunath Koralli, Megha R Gatty, Nishmitha, Sameeksha V	Bharath Bhushan
4	3BECSB07	Drivodo driving assistancy	Musthaq Ahamad, Rahil Abdullah Lalith Sagar Manoj, Maneesh V S	Vanishree B S
3rd BE Section C				
1	3BECSA10	Sugoi Sudoku	Shridevi Kapileshwari, Stuti Bhardwaj, Supravi Rai, Vaishnavi K L	Duddela Sai Prashanth
2	3BECSA11	Easy Journey Alarm	Swarna Bharathi Mallya K, Shravya, Sumana, Vasundhara B K	Ashwitha
3	3BECSA01	Ayur App	Shefali B S, Shree Nidhi, Sreejitha N, Suchetha Vittlukody	Ankitha K
4	3BECSA05	Virtual Media	Suhas K, U Nilesh Kini, Yashwin, U Krishnakant Kini	Suketha



SPSS Semifinals List - 2018

Department of Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
2nd BE Section A				
1	2BEECA08	Piezoelectric Infrared Assistance for Transportation	Kausthubha K, Anirudh, Akash Acharya, Nikitha Jana	Pavanalaxmi
2	2BEECA11	Programmable load shedding time management	Deepthi, Nihal K, Chaithra Alok, Sahana	Sharathchandra
3	3BEECA01	Vehicle Tracking System	Akshatha Amin, John K Thomas, Hancy Rohan Crasta, Kalpitha Raj, Velentina Laura Veigas	Pavanalaxmi
4	2BEECA05	One touch alarm system for women safety using GSM	Ashwithau P, Deepthi, Akshay Hanisha Elizabeth Mathew	Anush Bekal
2nd BE Section B				
1	2BEECB02	Automatic metal segregator	Shwetha, Rachana, Prashanth K, Rakesh U	Santosh
2	2BEECB12	Smart Highway	Vignesh M, Resham, Ankitha, Sneha P Chowtha, M Indumathi,	Ashwin Kumar
3	2BEECB06	Smart Charger	Nishal, Sheershika, Sharli, Nithin, Deepak	Megha N
4	2BEECB04	Emergency Locate	Priyadarshini K, T Nithin Kumar, Jayalakshmi, Mrudula	Santosh



SPSS Semifinals List - 2018

Department of Electronics & Communication Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
3rd BE Section A				
1	3BEECA04	TSAR	Abhishek Dubey, Abhishek U, Ashlesh K, Abdul Khadar, K Chirag Rao	Praveen Kumar Konda
2	3BEECA15	Study of patch antenna using Matlab	M Sivanes, M Afridi, M Shandar, M Shinaz	Roopashree
3	3BEECA05	Traffic sign detection using Matlab	Manish, Manish Shettigar, Natesh, Harish, M Suhaib	
4	3BEECA07	Design and Simulation of micro strip patch antenna for wireless communication	Chaithan, Avinash, Azariya, Bhuvanesh	Savidhan Shetty
3rd BE Section B				
1	3BEECB10	Fire Extinguisher robot	Sapna Prabhu, Sharini D L, Sheetal	Kiran Kumar V G
2	3BEECB14	Portable Music Streamer	U Harikrishanan, Vineeth, Sourav Rahgoji, Tejesh Kumar, Siddarth Shetty	Akshatha D
3	3BEECB02	Adaptive filter on hearing aid system for impaired people	Rashmi Pai, Punyashree, Priya Suryavamshi, Priya K	Savidhan Shetty
4	3BEECB06	PCB fault detection using image processing	Prathishta, Prathiksha, Prajwal, Prithwi C	Gurusiddayya Hiremath



SPSS Semifinals List - 2018
Department of Information Science & Engineering

Sl. No.	Project No.	Project Title	Student Name	Project Guide
2nd BE Section A				
1	2BEISA02	Live Censoring	Akshay Ram Bhat, Gagan Nayak, Anvitha Rai, Varsha Shetty	Janardhana D R
2	2BEISA12	Air pollution detector	Akarsh C M, Anvitha Shetty, Shravan K	Janardhana D R
3	2BEISA01	Mining of customer behavior for products of any retail shop/E-commerce website	Gauthami P, Deekshitha Chowta, Ankita H, Tanushree D Pal	Tanzila Nargis
4	2BEISA04	DIGITALIZED L.P.G. SYSTEM v2.0	A K Harshith, Suraksha Suresh, Krithika M S Shetty, Abhishek B	Akhila Thejaswi R
2nd BE Section B				
1	2BEISB09	Blood donation application	Sourv Bangera, Prithvi, Shimna Shetty, Prakyath	Madhura Hegde
2	2BEISB07	Grocery shop management	Shreema Alva, Pratista N Shetty Sapna Kumari Goad, Ateeth P V	Shamath Rai
3	2BEISB01	BANKING MANAGEMENT SYSTEM	Navya B L, Swathi N S, Prajwala Naik, Shreya Shetty	Suchetha G
4	2BEISB03	ALL IN ONE SMART CARD LINKED WITH ADHAR	Pooja G, Nischitha V M, Nafeesath Arfeena	Madhura Hegde
3rd BE Section A				
1	3BEISA06	Block-chain Based Smart Contract.	Kishor P V, Kasim Sayed, Mohammed Sohail, Nihal S, Suhail Muhammed	Jayapadmini Kanchan
2	3BEISA07	A GST APPROACH FOR SUPERMARKET	Mohammed Shariqe, Ramnath Pai, Prakhyath J	Rithesh Pakkala
3	3BEISA09	CLASSIFICATION OF DATA USING MACHINE LEARNING	Anushree B S, Bhavana B Shetty, Kavya K, Likitha Shetty	Praahas Amin
4	3BEISA10	Power generation using fidget spinner	Manjunatha Kamath M, Chirag Mohammad Sharjeel, Varun Shenoy	Tanzila Nargis
3rd BE Section B				
1	3BEISA05	AGRO-SEARCH-ENGINE	Aykya Rajan Shetty, Ashwini C, K N Vinod Raj, Gautham G Rao	Jayapadmini Kanchan
2	3BEISB06	Heightening the Email Security using Cryptography	Saurav Kumar, Shreya N Kottari, Shrinandan A N	Akhila Tejaswi
3	3BEISB14	Clean Race robot	Pranamya A Y, Sushma M B, Rakshith Karumbaiah	Praahas Amin



SPSS - Techvision Winner List - 2018

1st Year & Department of Business Administration

Place	Project Title	Project Guide	Project Team	Amount
1st Year				
1st	Scrap Dealing App	1st Year faculty and Dreamers	Nidhi & Team	4000.00
1st	Plastic Recycling	1st Year faculty and Dreamers	Prajwal & Team	4000.00
2nd	Fun Cube	1st Year faculty and Dreamers	Shashank & Team	3000.00
2nd	Smart Drive	1st Year faculty and Dreamers	Shikha & Team	3000.00
3rd	Seed Bomber	1st Year faculty and Dreamers	Sourav Dhaara & Team	2000.00
3rd	Dim Dipping Syatem	1st Year faculty and Dreamers	Taheeb & Team	2000.00
1st Consolation	Arecanut Segregation	1st Year faculty and Dreamers	Dhnush R & Team	500.00
1st Consolation	Irrigation Project	1st Year faculty and Dreamers	Sony & Team	500.00
2nd Consolation	Arecanut Tree Climber	1st Year faculty and Dreamers	Varshith & Team	500.00
2nd Consolation	Emission Testing App	1st Year faculty and Dreamers	Princeton & Team	500.00
MBA				
1st	Social media addiction among the under-graduate students	Dr. Vidyavathi	Sanmathi Jain M S & Team	4000.00
2nd	Social anxiety of engineering students in the first year - A study at Sahyadri college of Engineering Mangalore	Prof. Ankith S Kumar	Shashank & Team	3000.00
3rd	A study on Segregation of waste Vandse Kundapuara	Dr. Rashmi Kodikal	Shilpa D	2000.00
Consolation	Public suffering from stinking statebank bus stand	Prof. Ridhwika Shetty	Lawrence Nishaan Dsouza & Team	1000.00



SPSS - Techvision Winner List - 2018

Department of Electronics & Communication Engineering

Place	Project Title	Project Guide	Project Team	Amount
2nd Year				
1st	Automatic Metal Segregator	Santosh	Shwetha and Team	4000.00
2nd	Pyroelectric Infrared Assistance for transportation	Pavanalaxmi	Kausthubha K and Team	3000.00
3rd	Emergency Locate	Santosh	Priyadashini K and Team	2000.00
Consolation	Programmable load shedding time management	Sharathchandra	Deepthi and Team	1000.00
3rd Year				
1st	Improved TSAR	Praveen Kumar Konda	Abhishek Dubey & Team	4000.00
2nd	Traffic sign detection using MATLAB	Roopashree	Manish & Team	3000.00
3rd	Portable Music Streamer	Akshatha D	Harikrishna & Team	2000.00
Consolation	Study of patch antenna using MATLAB	Roopashree	M Sivanesh & Team	1000.00
4th Year				
1st	Smart Diabetic Retinopathy detection system	Prasanna Kumar	Ajay K S & Team	4000.00
2nd	Smart technology for PCB detection & classification	Akshatha D	Eeesha Poonja & Team	3000.00
3rd	Design and analysis of PLL	Dr. Ashwath Rao	Aisha Ruzna & Team	2000.00
Consolation	Emergency Vehicle Routing	Bharath K & Team	Don George & Team	1000.00



SPSS - Techvision Winner List - 2018

Department of Computer Science & Engineering

Place	Project Title	Project Guide	Project Team	Amount
2nd Year				
1st	Deep Motion	Madesha M	Melwin Lobo & Team	4000.00
2nd	Hidden Active Cellphone Detector	Sweekrithi M	Deekshitha V K & Team	3000.00
3rd	Prediction of external marks	Duddela Sai Prashanth	Riya & Team	2000.00
Consolation	3D Five (Non SPSS)		Vasu	1000.00
3rd Year				
1st	Product to prevent leaking of sensitive data	Duddela Sai Prashanth	Arjun & Team	4000.00
2nd	Supervised learning based -Algorithm selection model	Bharath Bhushan	Navneeth Krishna & Team	3000.00
3rd	Sugoi Sudoku	Duddela Sai Prashanth	Shridevi & Team	2000.00
Consolation	Py-Base	Pooja	Abhishek	1000.00
4th Year				
1st	Recognition of Hand written characters using machine learning	Bharath Bhushan	Pavithree B Shetty & Team	4000.00
2nd	Design and Analysis of machine learning Alogorithm for recognition system	Duddela Sai Prashanth	Sherlin Niel Pinto & Team	3000.00
3rd	Aptitude Problem Solver	Dr. Pushpalatha	Mohammed Mustafa & Team	2000.00
Consolation	Drowsiness detection using Image Processing	Chaithra Acharya	Prallad Shetty & Team	500.00
Consolation	Project maya	Chaithra Acharya	Charan & Team	500.00



SPSS - Techvision Winner List - 2018
Department of Information Science & Engineering

Place	Project Title	Project Guide	Project Team	Amount
2nd Year				
1st	Live Censoring	Janardhana D R	Akshay Ram Bhat & Team	4000.00
2nd	Mining of customer behavior for products of any retail shop/ E-commerce website	Tanzila Nargis	Deekshitha Chowta & Team	3000.00
3rd	Air pollution detector	Janardhana D R	Akarsh C M	2000.00
Consolation	Digitalized L P G system v2.0	Akhila Tejaswi R	Abhishek B & Team	1000.00
3rd Year				
1st	Block-chain based smart contract	Jayapadmini Kanchan	Kishor P V & Team	4000.00
2nd	Finger print locker	Tanzila Nargis	Manjunath Kamath M & Team	3000.00
3rd	Classification of data using machine learning	Praahas Amin	Anushree B S & Team	2000.00
Consolation	Agro search engine	Jayapadmini Kanchan	Aykya Rajan Shetty & Team	1000.00
4th Year				
1st	Hot wallet for bit coin	Deepti Rai	Goutham Alva & Team	4000.00
2nd	Analysing the defects in car features using big data	Suchetha G	Lavanya M & Team	3000.00
3rd	Sentiment anaysis on twitter using Naïve bayes classifier	Shamanth Rai	Anuja Kumari & Team	2000.00
Consolation	Fake product review Monitoring	Madhura Hegde	Sanjeetha K Shetty & Team	1000.00



SPSS - Techvision Winner List - 2018

Department of Mechanical Engineering

Place	Project Title	Project Guide	Project Team	Amount
2nd Year				
1st	Electronic Dump cart	Prasad Chandran	Rithesh kumar S & Team	4000.00
2nd	Four-way Hackshaw machine	Prakash Kumar Kavalur	Harshitha K B & Team	3000.00
3rd	Powdering Machine	Abhishek K	Prabhath Shenoy & Team	2000.00
Consolation	Electronic shock absorber	Naveen B	P Gagan Govind K	1000.00
3rd Year				
1st	Prediction of bearing failure in rotating machinery using affordable piezoelectric sensors	Dr. Rathischandra Gatti	Akshay M & Team	4000.00
2nd	Compressed Air-drive Vehicle	Lawrence J F	Akshaya & Team	3000.00
3rd	Emergency pre-braking system for driver-less cars	Dr. Rathischandra Gatti	Arun N Devadiga & Team	2000.00
Consolation	Cycletype seed sowing machine	Prakash Kumar Kavalur	Ahammed Basith & Team	1000.00
4th Year				
1st	Solar Drive	Dr. Manjunath Patel	Gagan G & Team	4000.00
2nd	Areca nut tree pesticide sprayer	Rakshith H S	Sushanth Shetty & Team	3000.00
3rd	Multipurpose agricultural equipment	Ravichandra R	Harsha Ram Bhat & Team	2000.00
Consolation	Magnetic suspension test-Rig	Dr. Rathischandra Gatti	Puneeth Kumar & Team	1000.00



SPSS - Techvision Winner List - 2018

Department of Civil Engineering

Place	Project Title	Project Guide	Project Team	Amount
2nd Year				
1st	Masonry construction using plastic bottle	Vikram	Harshith Shetty & Team	4000.00
2nd	Construction work using plastic bottle	Supreeth Prabhu	Sanjay H M & Team	3000.00
3rd	Modelling of pump using Hydraulic PAM	Geetha S D	Darshan Shetty & Team	2000.00
Consolation	Development of excel sheet for cantilever beam	Deepthishree S A	Chinmay Naik & Team	1000.00
3rd Year				
1st	Automated plant count by unsupervised classification using UAV acquired image	Prajwal M	Savithashree & Team	4000.00
2nd	Development of environmental friendly floating concrete using expanded polystyrene	Manohar	Seema L B & Team	3000.00
3rd	Analysis & Design of zero waste water treatment of gray water	Anil Kumar N S	Suraksha K M & Team	2000.00
Consolation	Proposal of roller barrier across roads in india	Poornima D	Dalia Elizabeth & Team	1000.00
4th Year				
1st	One step towards swachh bharrath	Gireesh Mailar	Vinay Chandra & Team	4000.00
2nd	Translucent concrete	Shubha D	Abdul Khadar and Team	3000.00
3rd	Study on strength of hybrid concrete beam	Manohar	Sachin K S & Team	2000.00
Consolation	Interpolating spatial variability of top soil	Prajwal M	Adnan Aslam & Team	1000.00
M.Tech				
1st	Vehicular Underpass	Ramya K	Rajalakshmi & Team	4000.00
2nd	Secondary Prestressing moment in rehabilitated post tensioned bridge	Poornima	Radhika Nayak & Team	3000.00

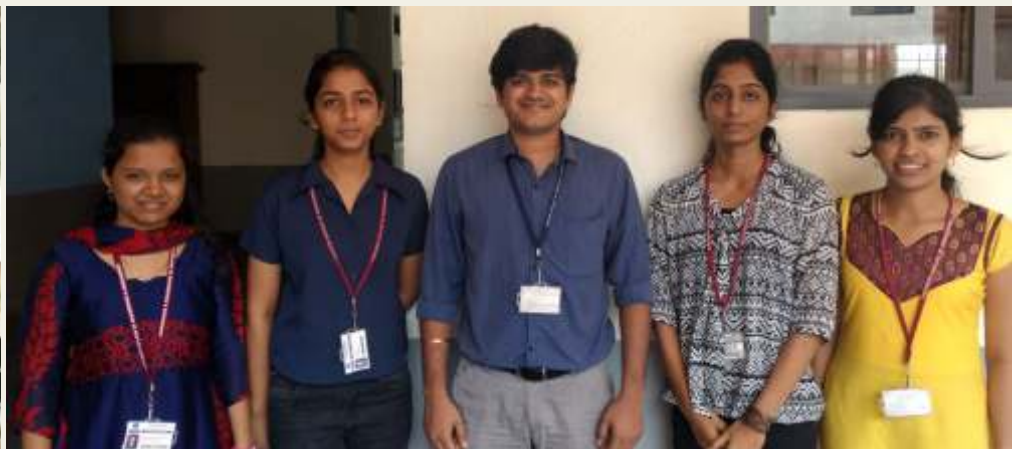


Best Project Guide Awards - 2018

Sl. No.	Best Project Guide	No. of Prize Winning Projects
	Civil	
1	Prajwal M	2
2	Manohar K	2
3	Poornima D	2
	Mech	
3	Prakashkumar Kavalur	2
4	Manjunath Patel	2
5	Rathishchandra R Gatti	3
6	Naveen B	2
	ECE	
7	Santhosh	2
8	Akshatha D	2
9	Roopashree	2
	IS	
10	Tanzila Nargis	2
11	Janardhana D R	2
12	Jayapadmini Kanchan	2
	CS	
13	Duddela Sai Prashanth	4
14	S N Bharath Bhushan	2
15	Chaitra Acharya	2
	MBA	
16	K Vidyavathi	1







ತಿಕ್ಕಣ | ಟೆಕ್ ವಿಷನ್- 2018 ಪ್ರದರ್ಶನ

ಸಹ್ಯಾದ್ರಿಯ ಅಂಗಳದಲ್ಲಿ ವಿಜ್ಞಾನ- ತಂತ್ರಜ್ಞಾನದ ಸೊಗಸು !

- ▶ ಎಂಜಿನಿಯರ್‌ಗಳ ವಿಭಿನ್ನ ಪ್ರಾಜೆಕ್ಟ್
- ▶ ಹೊಸ ತಂತ್ರಜ್ಞಾನಗಳ ಪ್ರದರ್ಶನ
- ▶ 3,000 ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗಿ

ಮಹಾನಗರ, ಮೇ 1: ಸೋಲಾರ್ ಎಂ ಕೊಲರ್, ಪೇಪರ್ ಓ ಸ್ಟ್ರಿಪ್‌ನಲ್ಲಿ ಮೆಟಾ, ಅಡಿಕೆಯನ್ನು ಪ್ರತ್ಯೇಕಿಸುವ ಯಂತ್ರ, ರೆಡಿಡೋ ಕಂಪ್ಯೂಟರ್ ಎಂ ಕೋಟ್, ವಾಟರ್ ಟ್ರೇಟ್ ಮೆಂಟ್ ಸ್ಪ್ರಿಂಕರ್, ಪ್ಲಾಸ್ಟಿಕ್ ಕಾಗದಗಳ ಮರುಬಳಕೆ ಮಾಡುವ ಮೆಷಿನ್‌ಗಳು... ಹೀಗೆ ಹಸಿ ನಾಟಕಗಳ ಪ್ರದರ್ಶನದ ಲಯವನ್ನು ಕೊಡುತ್ತಿದ್ದವು ತಂತ್ರಜ್ಞಾನಗಳ ಅಭಿವೃದ್ಧಿ ಪ್ರದರ್ಶನ!

ಇದು ನಗರದ ಸಹ್ಯಾದ್ರಿಯ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಕಂಡ ಮಿನಿ ಮಿಷನ್ ರೋಡ್ ಟೆಕ್ನಿಕ್ ಕಾಲೇಜಿನ ಪ್ರಾಜೆಕ್ಟ್ ಸರ್ವಿಸ್‌ನಲ್ಲಿ ಸ್ಪರ್ಧಿಸಿದ 20 ಅಕ್ ರೂ. ವೆಚ್ಚದಲ್ಲಿ ಮಂಗಳೂರ ಅರೋಜಿಸ್ಟ್ ಟೆಕ್ ವಿಷನ್- 2018'ರ ಪ್ರದರ್ಶನದಲ್ಲಿ ಕಾಲೇಜಿನ ಯುವ ಎಂಜಿನಿಯರ್‌ಗಳ ತಂತ್ರಜ್ಞಾನದ ಅರೋಜಿಸ್ಟ್‌ಗಳಿಗೆ ಹೊಸ ರೂಪ ನೀಡಲಾಯಿತು.



ವಿದ್ಯಾರ್ಥಿಗಳು ತಯಾರಿಸಿದ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು ಪ್ರದರ್ಶಿಸಿದರು.



ವಿದ್ಯಾರ್ಥಿಗಳು ತಯಾರಿಸಿದ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು ಪ್ರದರ್ಶಿಸಿದರು.

ಬಳಸಿದ ಪೇಪರ್‌ಗಳ ಮರುಬಳಕೆ

ಈಗಾಗಲೇ ಬಳಸಿದ ಪೇಪರ್‌ಗಳನ್ನು ಕಸದ ಬುಟ್ಟಿ ಹಾಕುವ ಬದಲು ಮರು ಬಳಕೆ ಮಾಡಲು ಸಾಧ್ಯವಾಗುವ ಯಂತ್ರಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಾದ ನವೀನ್, ಅಶಾನ್, ವೈಶಾಕ್ ಮತ್ತು ಮಹೇಶ್ ಕಂಡು ಹಿಡಿದಿದ್ದಾರೆ. ಪೇಪರ್ ರಿಸೈಕ್ಲಿಂಗ್ ಮೆಷಿನ್ ಸೃಷ್ಟಿ ಮಾಡಿ ಪೇಪರ್‌ಗಳನ್ನು ಬಳಸಿ ಪೇಪರ್ ಆಗಿ ಪರಿವರ್ತಿಸಬಹುದಾಗಿದೆ. ಬಳಕೆಯಾದ ಪೇಪರ್‌ಗಳಲ್ಲಿನ ಇಂಕ್‌ನ್ನು ಅಳಿಸಲು ಅಗತ್ಯವಾದ ರಾಸಾಯನಿಕ ಮಿಶ್ರಣವನ್ನು ಬಳಸುವ ಮೂಲಕ ಮತ್ತೆ ಬಳಸಬಹುದಾದ ಪೇಪರ್ ಬಳಕೆಗೆ ಸಿದ್ಧರಿದ್ದಾರೆ.

ಈ ಪ್ರಾಜೆಕ್ಟ್ ತಯಾರಿಯ ಅಂಗವಾಗಿ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡಗಳು ಪಶ್ಚಿಮ ತಯಾರಿಸಿ ಪ್ರದರ್ಶಿಸಿದರು. ಲಿಫ್ಟ್ ಎಂಜಿನ್ ಕಡೆಗಳಿಗೆ ಫೀಟಿಂಗ್ ಅಲ್ಲಿನ ಪರಿಷದ್, ಅಲ್ಲಿನ ಜನರ ಅಗತ್ಯಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ತಮ್ಮ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು ಪ್ರದರ್ಶಿಸಿದರು. ಲಿಫ್ಟ್ ಎಂಜಿನ್ ಮತ್ತು ಲಿಫ್ಟ್ ವಿದ್ಯಾರ್ಥಿಗಳ ವಿಷಯ ಅಂತಿಮ ವರ್ಷದ ಯೋಜನೆಗಳ ಎಕ್ಸಿಜನ್ ಮತ್ತು ನಾನ್ ಎಕ್ಸಿಜನ್

ಎನ್ ಯೋಜನೆಗಳು ಸಹಿತ 710ಕ್ಕೂ ಅಧಿಕ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳು ಪ್ರದರ್ಶನದಲ್ಲಿ ಪ್ರದರ್ಶಿಸಿದರು. ರೂ. 1.80 ಲಕ್ಷಕ್ಕೂ ಹೆಚ್ಚಿನ ವೆಚ್ಚದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳು ತಯಾರಿಸಿದ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು ಕಾಲೇಜಿನ 3,000ಕ್ಕೂ ಅಧಿಕ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ವೀಕ್ಷಿಸಿದರು.

ಅಡಿಕೆ ಗುಣಮಟ್ಟ ಪ್ರತ್ಯೇಕಿಸಲು ಹೊಸ ಯಂತ್ರ

ಅಡಿಕೆ ಬೆಳೆಗಾರರು ತಮ್ಮ ಬೆಳೆಯನ್ನು ಮಾರಲು ಮಾಡುವ ವೇಳೆ ಎದುರಿಸುವ ಒಂದು ದೊಡ್ಡ ಸಮಸ್ಯೆ ಪರಿಹಾರ ಕಂಡು ಹಿಡಿಯುವ ಪ್ರಯತ್ನವನ್ನು ಯುವ ಎಂಜಿನಿಯರ್‌ಗಳು ಮಾಡಿದ್ದಾರೆ. ಕಾಲೇಜಿನ ಪ್ರಥಮ ವರ್ಷದ ಯುವ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡ ಅಡಿಕೆ ಗುಣ ಮಟ್ಟವನ್ನು ಪ್ರತ್ಯೇಕಿಸುವ 'ಟ್ರೆಕ್ಟರ್' ಯಂತ್ರವನ್ನು ಕಂಡುಹಿಡಿದಿದ್ದು, ಈ ಯಂತ್ರದಲ್ಲಿ ಅಡಿಕೆಯನ್ನು ಗುಣಮಟ್ಟದ ಆಧಾರದಲ್ಲಿ ಪ್ರತ್ಯೇಕಿಸಬಹುದಾಗಿದೆ. ಇದಕ್ಕಾಗಿ ಅಡಿಕೆಯನ್ನು ತುಂಬಿ ಮಾಡಿ ಬೆಳೆಗಾರರು, ಬದಲಿಗೆ ಯಂತ್ರದಲ್ಲಿ ಅಳವಡಿಸಲಾಗುವ ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳ ಅಡಿಕೆಯ ಗುಣಮಟ್ಟ ತಿಳಿದು ಕಂಪ್ಯೂಟರ್ ಮೂಲಕ ಅಳವಡಿಸಲಾಗುವ ತಂತ್ರಜ್ಞಾನದ ಮೊದಲಿಗೆ ಮೆಷಿನ್ ಸಂವೇದನೆಯ ಅಭಿವೃದ್ಧಿ.

ಸೋಲಾರ್ ಎಂ ಕೋಲರ್

ಸೋಲಾರ್ ಮೂಲಕ ಸೋಲಾರ್ ಎಂ ಕೋಲರ್ ಅಂತಿಮ ಮೆಕ್ಯಾನಿಕಲ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ರೂಪಿಸಿದ ಶಿಷ್ಟ ನಿರ್ವಹಣಾ ಶಿಷ್ಟ ಮುಂಭಾಗದಲ್ಲಿ ಸೇರು ಪರಿಧಾನ್ ಪ್ರಾಚೀನ ತಂತ್ರಜ್ಞಾನದ ಗಾಳಿ ಮಣಿಸುತ್ತದೆ. 8,750 ರೂ. ವೆಚ್ಚದಲ್ಲಿ ಸೋಲಾರ್ ಎಂ ಕೋಲರ್ ರೂಪಿಸಲಾಗಿದ್ದು, ಬಾಕಿ ಸೇರಿಸಿ ಉಪಯೋಗಿಸುವ ಮೂಲಕ ಇನ್ನಷ್ಟು ತಂತ್ರಜ್ಞಾನದ ಅನುಭವವನ್ನು ಪಡೆಯಲು ಸಾಧ್ಯ ಎಂದು ಈ ವಿದ್ಯಾರ್ಥಿಗಳ ಅಭಿಪ್ರಾಯ.



ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ವೇದಿಕೆ 'ಟೆಕ್ ವಿಷನ್-2018'

• ಮಹೇಶ ಎಸ್. ಕನ್ನಡ್ಲೆ

21 ಸ್ಟ್ಯಾನ್ಲಿ ಇಲೇಜನ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಸುಮಾರು 3 ಸಾವಿರ ವಿದ್ಯಾರ್ಥಿಗಳು ಗ್ರಾಮೀಣ ಭಾಗದ ಸಮೃದ್ಧ ಅರಿವು, ಆ ಭಾಗದ ರೈತರ ಹಾಗೂ ಎತ್ತರದ ಸಮೃದ್ಧಿಗೆ ಅನುಗುಣವಾಗಿ ತಯಾರು ಮಾಡಿದ್ದ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು 'ಟೆಕ್ ವಿಷನ್-2018' ರ ವೇದಿಕೆಯಲ್ಲಿ ಅನುಭವಿಸಿಕೊಳ್ಳಲಾಗುವುದು. **ಪ್ರೊ. ಕೃಷ್ಣವಿಠ್ಠಲ ಯಂತ್ರ, ರೆಡಿಮೆಂಟ್ ಕಾಂಪ್ಲೀಟ್, ಎಲ್.ಬೋರ್, ಜೇಬ್ ರಿಡ್ನಿಂಗ್ ಮೆಷಿನ್,**

ಕಡಿಮೆ ಖರ್ಚಿನ ಯಂತ್ರ

ಪ್ರೊ. ಕೃಷ್ಣವಿಠ್ಠಲ ಯಂತ್ರವೂ ರೈತರಿಗೆ ಅನುಕೂಲವಾಗಿದೆ. ಅಧಿಕವೆಲೆ ಗುಣಮಟ್ಟವನ್ನು ಪಡೆ ಮಾಡುವುದಕ್ಕೆ ಈ ಯಂತ್ರವೂ ಸಹಾಯಕ ಅಂಶವಾಗಿದೆ. ಕಡಿಮೆ ಖರ್ಚಿನಲ್ಲಿ ಈ ಯಂತ್ರವನ್ನು ತಯಾರು ಮಾಡಲಾಗಿದೆ. ಉತ್ತಮ, ಮಧ್ಯ, ಕಳೆದ ಗುಣಮಟ್ಟದ ಅಧಿಕವೆಲೆ ಪಡೆ ಮಾಡಬಹುದು. ಇದರ ಬೆಲೆಗೆ ರೈತರು ಸೇರವಾಗಿ ಅಧಿಕ ಗುಣಮಟ್ಟಕ್ಕೆ ಅವಕಾಶವಾಗಿ ಮಾರಾಟ ಮಾಡಬಹುದು. ಸುಮಾರು ₹ 18,00 ಖರ್ಚಿನಲ್ಲಿ ಮಾಡಲು ಮಾಡಲಾಗಿದೆ ಎಂದು ಪ್ರಧಾನ ಮಂತ್ರಿ ದೀಪ್ತಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಮಿತಿ ಹೇಳಿದರು.

ಖುಷಿ ತಂದಿದೆ

ದೀಪ್ತಿ ಪ್ರಧಾನ ಹಾಗೂ ಎಂಪಿ ಕೇಂದ್ರದ ವಿವಿಧ ವಿಭಾಗಗಳ ವಿದ್ಯಾರ್ಥಿಗಳ ಕೌಶಲ ಅಭಿವೃದ್ಧಿ ವೇದಿಕೆ ಒದಗಿಸುವ ಸಲುವಾಗಿ ಇಲೇಜನ್ ವಿಭಾಗದ ಮೂಲಕ ವೇದಿಕೆ ಒದಗಿಸಿತ್ತು. ವಿದ್ಯಾರ್ಥಿಗಳು ಕ್ರಮ ಪಾಲನೆ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳನ್ನು ತಯಾರು ಮಾಡಿದ್ದಾರೆ. ಗ್ರಾಮೀಣ ಭಾಗಕ್ಕೆ ಹೋಗಿ ಅಲ್ಲಿನ ಸಮೃದ್ಧಿ ತಕ್ಕಂತೆ ಯಂತ್ರಗಳ ಅರಿವು ನೀಡಿದ್ದಾರೆ. ಸುಮಾರು 7 ತಂಡಗಳಿಗೆ ಮಾರ್ಗದರ್ಶನ ಮಾಡಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಪಕ್ಕದ ಬಳಿಗೆ ಇಂತಹ ಸಂಕೋಲೆಗಳ ಗುಣ ಬೆಳೆಸಿಕೊಳ್ಳುವುದಕ್ಕೆ ಇಂತಹ ಅಭಿವೃದ್ಧಿ ಅಗತ್ಯವಾಗಿದೆ. ಸ್ಟ್ಯಾನ್ಲಿ ಇಲೇಜನ್ ಅಂತಹ ವಾಣಿಜ್ಯವಲ್ಲದೆ ಇತರ ಎಂಪಿ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಸ್ವಲ್ಪ ಪಕ್ಕದ ಹೇಳಿದರು.



ಜೇಬ್ ಅಪರೇಟರ್ ಮಾರ್ಕೆಟ್ ಪಂಚ, ಅನ್ಯ ಫಾಲ್ಡ್ ಚೈರ್ಸ್ ಕ್ಲೀನರ್, ಸೋಲಾರ್ ಎಲ್ ಕೆಂಪರ್, ಸೋಲಾರ್ ಪ್ಯಾನ್, ಸೋಲಾರ್ ಡ್ರೈವ್, ಡ್ರಿಮ್ ಲೈಟ್ ಪ್ಯಾನಿಲೆಟ್, ಮಾರ್ಕೆಟ್ ಪ್ರೊಮೋಷನ್ ಸೇರಿದಂತೆ ಸುಮಾರು 710ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಜೆಕ್ಟ್‌ಗಳಿಗೆ ಗಮನಾರ್ಹವಾಗಿದ್ದವು.

ಸ್ಟ್ಯಾನ್ಲಿ ಇಲೇಜನ್ ಆಫ್ ಎಂಜಿನಿಯರಿಂಗ್ ಮತ್ತು ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಇಲೇಜನ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಂಕೋಲೆಗಳನ್ನು ಕೌಶಲ ಕೊಡುವುದರ ಪ್ರಯತ್ನದ ಅಂಗವಾಗಿ ಅಲೇಜನ್ ಮಾಡಿದ ಈ ಅಭಿವೃದ್ಧಿ ಅನುಭವವಾಗುವುದು ವಿದ್ಯಾರ್ಥಿಗಳು ಹೆಚ್ಚು ತಿಳುವಳಿಕೆ ಭಾಗವಾಗಿ ಕಳೆದ ಒಂದೂವರೆ ತಿಂಗಳ ಕ್ರಮವು ಪ್ರಾಜೆಕ್ಟ್ ರೂಪದಲ್ಲಿ ಹೊರ ಬಂದಿತ್ತು.

'ಟೆಕ್ ವಿಷನ್' ಮೂಲಕ ಉದ್ದೇಶ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವೇದಿಕೆ ಕಲ್ಪಿಸುವ ಬಳಿಕ ಅವರ ಕೌಶಲ ವೃದ್ಧಿಗಾಗಿ ನೀಡುವುದು ಆಗಿದೆ. ಸ್ಟ್ಯಾನ್ಲಿ ಪ್ರಾಜೆಕ್ಟ್ ಇನ್ಫೋರ್ಮ್ ಸ್ಟೇಷನ್ ಮೂಲಕ ವಿದ್ಯಾರ್ಥಿಗಳ ಪ್ರಾಜೆಕ್ಟ್ ತಯಾರಿಗೆ ₹ 20 ಲಕ್ಷ ಖರ್ಚು ಮಾಡಲಾಗಿದೆ. ದೀಪ್ತಿ, ಎಂಪಿ, ಎಂಪಿಎ ಹಾಗೂ ದೀಪ್ತಿ ಅಂತಹ ವರ್ತಮಾನ ವಿದ್ಯಾರ್ಥಿಗಳ ದೀಪ್ತಿ ಪ್ರಾಜೆಕ್ಟ್‌ಗಳಿಗೆ ಸೇರಿ ಒಟ್ಟು 710ಕ್ಕೂ ಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳ ಪ್ರದರ್ಶನವಾಗಿದ್ದವು.

ಇದರಲ್ಲಿ ಕಾರ್ಯಾಚರಣೆ ಮಾಡಲಾಗಿದೆ ಬಗ್ಗೆ ಸಂಭವಿಸಿ ಮಾರಾಟ ಮಾಡುವ ಕೌಶಲವೂ ನೀಡಲಾಗಿದೆ.

ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಂಕೋಲೆಗಳನ್ನು ಮೇಲೆನೋಡುವುದು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಬಂದವರನ್ನು ಇನ್ನೂಗಿಸಿಕೊಟ್ಟು, ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಗೇಜ್, ಅಧಿಕವೆಲೆ, ಬಯೋಮೆಟ್ರಿಕ್, ಫೋಟೋ ಅಧಿವೃದ್ಧಿಪಡಿಸಿರುವ 'ಅಲೇಜನ್ ಮ್ಯಾಷಿನ್ ಒಪ್ಪಿಕೊಳ್ಳುವ' ಪ್ರಯತ್ನ ಯಂತ್ರದಲ್ಲಿ ಸ್ವಯಂ ಚಾಲಿತ ಸಿರಿಂಟರ್‌ಗಳನ್ನು ಜೇಬ್ ಮಾಡುವಂತಹ ಯಂತ್ರವನ್ನು ಪ್ರದರ್ಶನಕ್ಕೆ ಇಟ್ಟಿದ್ದರು.

ಕಡಿಮೆ, ಅಪ್ಪಾ, ಮಹೇಶ್, ವೈಜ್ ರವರು ಜೇಬ್ ಅಪರೇಟರ್ ಪ್ರಾಜೆಕ್ಟ್ ಮಾಡುವ 'ಜೇಬ್ ರಿಡ್ನಿಂಗ್ ಮೆಷಿನ್' ಅಧಿವೃದ್ಧಿ ಪಡಿಸಿದ್ದಾರೆ.

ಸಂದರ್ಶನವಾಗಿ, ಕ್ರೀಡಾ, ಉಗ್ರಾಟಾ ಜಿ.ಎಂ. ಕೋಲಿಟ್ ಉದ್ಯೋಗ ಪ್ರೊ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರದ ಪ್ರಧಾನ ಮಂತ್ರಿ 'ರೆಡಿಮೆಂಟ್ ಕಾಂಪ್ಲೀಟ್, ಎಲ್ ಬೋರ್ ಮಾಡಬೇಡಿ' ನಿರ್ಮಿಸಿದ್ದಾರೆ. ಅಮ್ಮಾ ದಾಕ್, ಹರಿಯೆಟ್, ರೆಡಿಮೆಂಟ್ ಸರ್ಟಿಫಿಕೇಟ್, ರಜಾ ಫಾಲ್, ಲಕ್ಷ್ಮಯ್ಯ, ಮಂಜುಪ್ಪಾ ಮುಂತಾಗಿ, ನಿರ್ಮಾ ಕೋಲಿಟ್, ನಿರ್ಮಿ 'ಸೋಲಾರ್ ಡ್ರೈವ್' ಸಾಧನ ಅಧಿವೃದ್ಧಿ ಪಡಿಸಿದ್ದರು. ಸೂರ್ಯನ ಚಲನೆಗೆ ಸಂಬಂಧಿಸಿದ ಸೋಲಾರ್ ಪ್ಯಾನ್ ಕೂಡಾ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದಲೇನೂ ಇದರ ವಿಕಾಸವಿದೆ. ಇದರ ಬೆಲೆಗೆ ರೈತರು ಸೇರವಾಗಿ ಅಧಿಕ ಗುಣಮಟ್ಟಕ್ಕೆ ಅವಕಾಶವಾಗಿ ಮಾರಾಟ ಮಾಡಬಹುದು ಎಂದು ಪ್ರಧಾನ ಮಂತ್ರಿ ದೀಪ್ತಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಮಿತಿ ಹೇಳಿದರು.



ಪ್ರೊ. ಕೃಷ್ಣವಿಠ್ಠಲ ಯಂತ್ರ: ಎಲೆಕ್ಟ್ರಿಕ್ ಅಂಡ್ ಕಮ್ಪ್ಯೂಟರ್ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಸ್ವಲ್ಪ ಪಕ್ಕದ ಅವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ 'ಒಪ್ಪಿಕೊಳ್ಳುವ' ಮ್ಯಾಷಿನ್ ಎನ್ನುವ ಯಂತ್ರವನ್ನು ವರ್ತಮಾನ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡವೂ ಅರಿವು ನೀಡಿದರು.

ಇದು ಅಂತಹ ಗುಣಮಟ್ಟ ಪಡೆ ಹೆಚ್ಚು 'ಪ್ರೊ. ಕೃಷ್ಣವಿಠ್ಠಲ' ಯಂತ್ರ ಎಲ್ಲರ ಪ್ರಮುಖ ಅಂಶವಾಗಿ ಆಗಿತ್ತು.

ಪ್ರಾಜೆಕ್ಟ್ ತಯಾರಿಸಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಬೆಳೆಸಿಕೊಳ್ಳುವುದು ಉದ್ದೇಶವಾಗಿತ್ತು. ಅಲ್ಲಿನ ರೈತರು ಗುಣಮಟ್ಟದ ಅಭಿವೃದ್ಧಿ ಅಂತಹ ಪ್ರತ್ಯೇಕ ಮಾಡುವ ಸಮೃದ್ಧಿ ಉದ್ದೇಶವಾಗಿ ನೀಡಿದ್ದ ತಂಡಕ್ಕೆ ಹೇಳಿಕೊಂಡಿದ್ದರು. ಇದರ ಫಲವಾಗಿ ಈ ಯಂತ್ರವನ್ನು ಕಡಿಮೆ ಖರ್ಚಿನಲ್ಲಿ ಸಂಕೋಲೆ ಮಾಡಿದ್ದಾರೆ. ಈ ಉದ್ದೇಶವನ್ನು ಸಹಿಸಿ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡದ ಲಕ್ಷ್ಮಯ್ಯ, ಕ್ವೆರಲ್, ನಿರೀಕ್ಷಾ, ಸಂಜಯ್, ಸಮೀಪ್, ಲಕ್ಷ್ಮಯ್ಯ ಅವರು ಸೇರಿ ಅಂತಹ ಯಂತ್ರವನ್ನು ತಯಾರಿಸಿ ಸಮಯದ ಈ ಯಂತ್ರವನ್ನು ಅರಿವು ನೀಡಿದ್ದಾರೆ. ಈ ಯಂತ್ರದ ಮೂಲಕ ಉತ್ತಮ, ಮಧ್ಯಮ, ಕಳೆದ ಗುಣಮಟ್ಟದ ಎಂಪಿ ಅಂತಹ ಪ್ರತ್ಯೇಕ ಮಾಡಬಹುದಾಗಿದೆ. ಮಧ್ಯಮಗಳಿಗೆ ಹೆಚ್ಚಿನ ಯಂತ್ರವನ್ನು ಅರಿವು ನೀಡುವುದು, ಯಂತ್ರದಲ್ಲಿ ಅಳವಡಿಸಲಾಗಿರುವ ಯಂತ್ರ ಕರಣವು (ಎಕ್ಸ್‌ಟೆನ್ಡ್) ಅಂತಹ ಯಂತ್ರವನ್ನು ಗುಣಮಟ್ಟಕ್ಕೆ ಅನುಗುಣವಾಗಿ ಪ್ರತ್ಯೇಕಿಸುತ್ತದೆ. ರೈತರಿಗೆ ಸಮಯದ ಬಳಿಕ ಕ್ರಮ ಕೊಡುವ ಕಡಿಮೆ ಎಂಪಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಮಾರಾಟ ನೀಡಿದರು.

TECH VISION – 2018 HELD AT SAHYADRI



Students display a project during Tech Vision 2018

Mangaluru: Tech Vision 2018, a One-Day intra-collegiate project competition was held at Sahyadri College of Engineering and Management campus recently. A release said the main objective of this event was to inspire young minds by providing them a platform to demonstrate their skills and knowledge through projects. Around Rs 20 lakhs has been spent on Sahyadri Project Support Scheme (SPSS) wherein the grants are being provided to each of the qualified student projects. More than 710 projects including SPSS and Non-SPSS projects of BE, M.Tech, MBA and VTU final year projects of B.E students were on display. More than 3000 students participated in the event demonstrating their engineering talent.

K. Prabhakar Rao, Director

-Works, Mangalore Chemicals & Fertilizers Ltd and Dr. Ramakrishna, Senior Principal Scientist, Defence Food Research Laboratory, DRDO, Ministry of Defence inaugurated the event. While addressing the gathering, K. Prabhakar Rao emphasised on project management as one of the experiences to be learnt by students. He spoke about PDCA Cycle, Six Sigma and the new technologies. He also touched upon the difference between innovation and invention. He mentioned that the transition from one comfort zone to higher level of comfort zone is through many uncomfortable zones.

Dr Ramakrishna spoke about diverse emerging technologies and motivated the students to take up projects. The winning projects were awarded.



Students present farmer-friendly projects at 'Tech Vision 2018'

MANGALURU, DHNS: Innovative ideas towards boosting the profitability of farmers and also projects tapping natural resources to meet energy requirements, were presented during 'Tech Vision 2018', an intra-collegiate competition, organised by Sahyadri College of Engineering and Management at Adyar, Mangaluru on Tuesday.

The programme featured as many as 700 projects.

Syed Zaved and team came up with a high-end device which makes use of image processing technology to sort arecanuts.

Dhanush and team too, came up with an arecanut segregating machine, making use of a unique technology. The team conducted fieldwork in Balanja in Belthangadi to study the practical problems of areca growers, Dhanush said.

He added that the team is planning to make the machine cost effective for farmers along with obtaining a patent for the technology.

The project teams said that the technology would prevent the farmers from being cheated by the manual quality checking method.

Raman N V and team designed a pesticide sprayer, which could be used to apply

pesticide on the fields and on the trees.

A project prepared by Vaishakh and team demonstrated how wastepaper could be recycled and reused to its best.

Solar air cooler, water treatment system, pneumatic sheet metal cutting machine, windmill, solar parabolic reflector and solar tracker were other noteworthy projects.

Inaugurating 'Tech Vision 2018', Mangalore Chemicals and Fertilizers Ltd Director - Works K Prabhakar Rao emphasised on project management as one of the experiences to be learnt by students.

Ministry of Defense - DRDO Defense Food Research Laboratory Senior Principal Scientist Dr Ramakrishna was chief guest.

Principal Dr U M Bhushi presided over the inaugural programme and said that a total fund of Rs 20 lakh is reserved towards the project expenditures under Sahyadri Project Support Scheme (SPSS).

Around 3,000 students from various branches of engineering took part in the event. For their outstanding projects, the winning teams were awarded prizes during the valedictory ceremony.



Raman N V and team with their project, at 'Tech Vision 2018', an intra-collegiate competition organised by Sahyadri College of Engineering and Management at Adyar on Tuesday.

Ranked **AA+**
in
Best Engineering College
survey by Career 360



Empowering Young Minds



SAHYADRI

COLLEGE OF ENGINEERING & MANAGEMENT

Sahyadri Campus, Adyar, Mangaluru - 575007, Karnataka, India.

Tele: + 91 824 2277222 E-mail: sahyadri@sahyadri.edu.in website: sahyadri.edu.in

