

KSCST- 42 Series

| S. No | Project Title | Project Students | Project Guide | Budget(Rs.) | Amount Received |
|-------|--|--|---------------|------------------|-----------------|
| 1 | Anti-poaching of trees using wireless sensor nodes with Internet of Things (IOT) | Mohammedd Shaffan Sunaid Nandini B Praveen Kumar R Anusha A | J. Suganya | 18,500 Submitted | 7,000 |

VTU Funded Projects

| S. No | Project Title | Project Students | Project Guide | Amount Received |
|-------|--|---|----------------|-----------------|
| 1. | Anti-poaching of trees using wireless sensor nodes with Internet of Things (IOT) | Mohammedd Shaffan Sunaid Nandini B Praveen Kumar R Anusha A | J. Suganya | 5000 |
| 2 | Public Addressing System for Railway stations in Bengaluru Li-Fi | Aravind Kumar C S Prabha S Soundharya V Bhimanpalli Srinivas B P | C. Sivaprakash | 5000 |

Prizes Won in 2018-19 by students:

| Sl. No | Name of the students | Year/ Sem | Dept | Title of the paper/Project | Name of the award | National/International/State |
|--------|--|-----------|------|---|---|------------------------------|
| 1 | Kavya.V M.chandrakala Bhuvana.K Monisha .J | III/VII | ECE | Detection of Tumour in Brain by segmentation morphological approach | II PRIZE | National(PMC Tech,Hosur) |
| 2 | Aruna.M.Neeli Niveditha.R Ramya.V Deepa.S.Baligar Pavithra.R | III/VII | ECE | PIC2018_TEAM_738 | Buoyanci Product Innovation Challenge 2018 Secured Top 10 th Position | National Competition |

Dristi Online contest on
30.08.2019



Our ECE students participated in semi final Buyoancy project Title'Testing the viability of a breathing Detector'' K. GANESH KUMAR REDDY ,SWATHI M,POOJA Y S ,VENUGOPAL P AP/ECE



3. For Texas Instrument IICDC 5 Projects submitted

4.For SAMADHAN MHRD 3 Projects submitted

5. Developing Unmanned Vechicle ,Intelligent Robot,Implementing Home Automation in Embedded Domain SLMIC,Implementation of Voice Controlled Lift.

Students Papers presented in International Conference (INTERNAL)

| Sl.no | Name of the Student | Title of the Paper | Venue | Date |
|-------|--|---|-------------|---|
| 1 | Anitha C Manushree.s Chaithra.D Ramya.A | Smart Rationing System | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 2 | Deeksha S Archana K.S Abilasha.M Chandini.S | RAKSHAK-Police patrolling drone with air pollution indicator. | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 3 | Praveenkumar .R Nandini.B Mohammed Shaffan Anusha.A | Anti poaching of trees using wireless sensor nodes with IOT | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 4 | Sandhya .p Chiranjeevi.S Kiran D.L Monika S G | Automated smart sericulture system | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 5 | Yuvaraj Patil Anjali.V Usharani.M | RAM-WAIM Technique used in Aircraft | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 6 | Navyashree Praveen Y.S Samith.S Manasa.S | Design and analysis of plant robotic ARM:The Livener | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 7 | Annapoorna C.G Prashanth kumar .S Shreya.K Vinayak Nase | Raspberry pi based industrial security surveillance system using IOT | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 8 | Shrinivas B.P Soundharya.V Arvind Kumar.C.S Prabha S | An effective information system using audio ampli-fier | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 9 | Nirmala.M Sowmya.S Vaishnavi Rani Sujatha B.T | Solar powered unmanned marine robot with radar system | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 10 | Triveni.V Swathi H.B Pooja Mattikatti Sushmitha.S | Smart medicare using RFID technology | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 11 | Vivek Hegde Navya.V Roshni A Ramesan Rajesh Choudhary | Automated petrol bunk | SSCE,Anekal | 2 nd and 3 rd May 2019 |
| 12 | Harshitha.A Harshitha.M Anil kumar Anushree | Design of Automatic river cleaning robot | SSCE,Anekal | 2 nd and 3 rd May 2019 |

STUDENTS PARTICIPATION IN EVENTS (EXTERNAL)

| SL.NO | NAME OF THE STUDENT | Event | VENUE | DATE |
|-------|---|---------------------------------|---|---------------------------|
| 1 | NUTAN B N RAMYA V MANISHA SEERVI K GANESH KUMAR REDDY KORRAKUTI NIKHIL KUMAR SREE BALAJI N S | SMART INDIA HACKATHON | GRAPHICS ERA UNIVERSITY, DEHRADUN | 2 MAR 2019 -3 MAR 2019 |
| 2 | IMTIYAZ I MADHU SUDHAN C MAMATHA C SHRIDHAR VADAGERI PAVAN KUMAR M RAJESH V | SMART INDIA HACKATHON | MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL | 2 MAR 2019 -3 MAR 2019 |
| 3 | MOHAN KUMAR .S APOORVA .M. S MAHESH KUMAR .C AKASH . C VARSHINI .C SHARADA HEGADE | SMART INDIA HACKATHON, 2019' | IIT,BHILAI,RAIPUR | 2 MAR 2019 -3 MAR 2019 |

Project Expo(External)

| SI.No | NAME OF THE STUDENT | Event | VENUE | DATE |
|-------|--|-------------------|-------------------------------|-----------------------------|
| 1 | Srinivas B.P Soudharya bhimanpalli Arvind Kumar C.S | Project Expo | GITAM University Bangalore | 4 th May 2019 |
| 2 | Anilkuamar.M Anushree N.R Harshitha.A Harshitha.M | IEEE Project expo | GSSSIETW,MYSORE | 29 th April 2019 |
| 3 | Kiran D.L Chiranjeevi.S Sandhya.P Nirmala.M | IEEE Project expo | GSSSIETW,MYSORE | 29 th April 2019 |
| 4 | Monika S.G Sowmya .S Vaishnavi rani Sujatha B.T | IEEE Project expo | GSSSIETW,MYSORE | 29 th April 2019 |

Students Papers presented in National Conference (EXTERNAL)

| Sl.no | Name of the Student | Title of the Paper | Venue | Date |
|-------|--|---|--------------------------------|--------------------------------|
| 1 | Swathi. S Swathi Balan | Smart Street Light system(National Conference) | PMC Tech,Hosur | 27 th February 2019 |
| 2 | Sanjitha. P Jeelan Basha Sanjay Kumar | Implementation of Drone security system using GSM module | PMC Tech,Hosur | 27 th February 2019 |
| 3 | Bhuvana. U Dhamini T Jayashree S Bhagya M | Nanotechnology and Solar Energy | PMC Tech,Hosur | 27 th February 2019 |
| 4 | Sowmya Shree G Yashaswini A L Shivani Singh Syed Apsana A | Detection of plant disease using image Processing through Drone | PMC Tech,Hosur | 27 th February 2019 |
| 5 | Pooja P Monisha D R | Self Automated street light | PMC Tech,Hosur | 27 th February 2019 |
| 6 | Shivani Yashashwini Syed Apsana Sowmyashree | Passenger Protection using Android | T.john Institute of technology | 26 th April 2019 |

Workshop Attended (Internal)

| SL.NO | NAME OF THE STUDENT | WORKSHOP | VENUE | DATE |
|-------|---|--|--|----------------------------|
| 1. | 50 Students of IV year and III year attended. | DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS USING RASBERRY PI AND IOT | LOGINWARE SOFTTEC PVT.LTD, SSCE, BANGALORE | 19 FEB 2019 TO 23 FEB 2019 |

8th SEM



KRISHNAMURTHY HARATHI
SGPA 9.4 I Place



ROSHNI A RAMESAN
SGPA 9.3 II Place



SUBHA M
SGPA 9.3 II Place

6th SEM



SURYAKANTH.T
SGPA 8.7 I Place



SUSHMA R
SGPA 8.62 II Place

4th SEM



SYED APSANA A
SGPA 8.96 I Place



SOWMYASHREE G
SGPA 8.46 II Place

2nd SEM



KAVYA E
SGPA 8.7 I Place



SRIVIDHYA B
SGPA 8.65 II Place

NPTEL Certifications (Students)

| Sl.no | Course Name | Name | Certificate Type |
|--------------|------------------------------------|-----------------------|-------------------------|
| 1 | Introduction to Internet of Things | ROSHNI A RAMESAN | Elite+gold |
| 2 | Introduction to Internet of Things | VIVEK HEGDE | Elite+Silver |
| 3 | Introduction to Internet of Things | SUJATHA BT | Elite+Silver |
| 4 | Embedded System Design with ARM | SUSHMA R | Elite |
| 5 | Cloud Computing | ARAVIND KUMAR CS | Elite |
| 6 | Introduction to Internet of Things | SHREYA K | Elite |
| 7 | Introduction to Internet of Things | NIRMALA M | Elite |
| 8 | Entrepreneurship Essentials | RANJITHA K D | Elite |
| 9 | Entrepreneurship Essentials | SIVISONA J | Elite |
| 10 | Entrepreneurship Essentials | KOUSER BANU | Elite |
| 11 | Programming in Java | ANUSHREE N.R | Successfully completed |
| 12 | Embedded System Design with ARM | ROOPINI R | Successfully completed |
| 13 | Embedded System Design with ARM | NEELANJANA K | Successfully completed |
| 14 | Embedded System Design with ARM | ARUNA M NEELI | Successfully completed |
| 15 | Embedded System Design with ARM | MONISHA N | Successfully completed |
| 16 | Embedded System Design with ARM | KRITHIKHA K | Successfully completed |
| 17 | Embedded System Design with ARM | KAVYA K M | Successfully completed |
| 18 | Embedded System Design with ARM | ATHSHA GODS FEARETH D | Successfully completed |
| 19 | Embedded System Design with ARM | MAMATHA.C | Successfully completed |
| 20 | Embedded System Design with ARM | ANJALI V | Successfully completed |
| 21 | Embedded System Design with ARM | NIVEDITHA R | Successfully completed |
| 22 | Embedded System Design with ARM | USHARANI.M | Successfully completed |

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|----|---|--------------------|------------------------|
| 23 | Embedded System Design with ARM | DEEPA S BALIGAR | Successfully completed |
| 24 | Embedded System Design with ARM | MONISHA.K.L | Successfully completed |
| 25 | Embedded System Design with ARM | YUVARAJ PATIL | Successfully completed |
| 26 | Machine Learning, ML | MONIKA.S.GUNGUNE | Successfully completed |
| 27 | Principles of Communication Systems - I | ASHWINI ADOORU | Successfully completed |
| 28 | Microprocessors and Microcontrollers | JAYASHREE S | Successfully completed |
| 29 | Microprocessors and Microcontrollers | AYANACHANDRAN | Successfully completed |
| 30 | Microprocessors and Microcontrollers | BHAGYA.M | Successfully completed |
| 31 | Microprocessors and Microcontrollers | BHUVANA.U | Successfully completed |
| 32 | Microprocessors and Microcontrollers | MANISHA SEERVI | Successfully completed |
| 33 | Microprocessors and Microcontrollers | SREE BALAJI N S | Successfully completed |
| 34 | Microprocessors and Microcontrollers | MEGHANA K | Successfully completed |
| 35 | Microprocessors and Microcontrollers | TEJASHWINI M | Successfully completed |
| 36 | Microprocessors and Microcontrollers | MONISHA D R | Successfully completed |
| 37 | Microprocessors and Microcontrollers | DHAMINI.T | Successfully completed |
| 38 | Microprocessors and Microcontrollers | YASHASWINI A L | Successfully completed |
| 39 | Evolution of Air Interface towards 5G | SOWMYA. S | Successfully completed |
| 40 | CMOS Digital VLSI Design | SHARADA HEGADE | Successfully completed |
| 41 | CMOS Digital VLSI Design | MONISHA.K.L | Successfully completed |
| 42 | CMOS Digital VLSI Design | SACHIN KUMAR G K | Successfully completed |
| 43 | CMOS Digital VLSI Design | SURYAKANT | Successfully completed |
| 44 | CMOS Digital VLSI Design | SWATHI G N | Successfully completed |
| 45 | CMOS Digital VLSI Design | SWATHI M | Successfully completed |
| 46 | CMOS Digital VLSI Design | NIVAS SRI PRASAD S | Successfully completed |
| 47 | CMOS Digital VLSI Design | VIDYA VENUGOPAL | Successfully completed |
| 48 | CMOS Digital VLSI Design | RANGASWAMY S | Successfully completed |
| 49 | CMOS Digital VLSI Design | RAMYA R | Successfully completed |
| 50 | CMOS Digital VLSI Design | SANGEETHA T | Successfully completed |
| 51 | CMOS Digital VLSI Design | POOJA.Y.S | Successfully completed |
| 52 | Entrepreneurship Essentials | NAVYA.V | Successfully completed |
| 53 | Entrepreneurship Essentials | SUBHA M | Successfully completed |
| 54 | Entrepreneurship Essentials | RAMYA A | Successfully completed |
| 55 | Entrepreneurship Essentials | MANUSHREE S | Successfully completed |

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|----|---|---------------------------|------------------------|
| 56 | Entrepreneurship Essentials | SOUNDHARYA BHIMANPALLI | Successfully completed |
| 57 | Entrepreneurship Essentials | SHRINIVAS B P | Successfully completed |
| 58 | Entrepreneurship Essentials | ANUSHA A | Successfully completed |
| 59 | Entrepreneurship Essentials | TRIVENI V | Successfully completed |
| 60 | Entrepreneurship Essentials | SWATHI HB | Successfully completed |
| 61 | Entrepreneurship Essentials | SUSHMA N | Successfully completed |
| 62 | Entrepreneurship Essentials | K S DIVYA | Successfully completed |
| 63 | Entrepreneurship Essentials | SANDHYA.P | Successfully completed |
| 64 | Entrepreneurship Essentials | HARSHITHA M | Successfully completed |
| 65 | Entrepreneurship Essentials | HARSHITHA A | Successfully completed |
| 66 | Entrepreneurship Essentials | DHEEKSHA S | Successfully completed |
| 67 | Entrepreneurship Essentials | SAMITH S | Successfully completed |
| 68 | Entrepreneurship Essentials | ANILKUMAR M | Successfully completed |
| 69 | Introduction to Basic Cognitive Processes | PRABHA.S | Successfully completed |

Guest Lecture Organized:

| Sl No | Topic | Date | Resource Person | Sem | Venue |
|-------|--|-------------------------|---|-------------------------------------|-----------------|
| 1 | Million minds- Entrepreneurship talk | 5 th Feb | Mr.Karthik rao,CEO,Paysack ,Mumbai | All VI sem & VI sem students | SSCE- Anekal |
| 2 | SAP employability linked program under yuva yuga project | 5 th Feb | Mr.Robin,Manager,Mind map Technologies,Bangalore | All VIII sem students | SSCE- Anekal |
| 3 | IEEE-Conclave, IEEE hands on training | 26 th Feb | M.srinivas,IEEE | All VI sem students | SSCE- Anekal |
| 4 | Career Opportunities in semiconductor industry | 27 th Feb | Arun John,Corel Techologies,Bangalore. | All VI Sem &VIII sem students | SSCE- Anekal |
| 5 | Image Fixation assessment leadership self assessment | 6 th Feb | Dr.Karthikeyan,IIM,T-John College,Bangalore. | All IV sem students | SSCE- Anekal |
| 6 | Tech Domain skill development | 6 th Feb | Mr.Satya,Team leader,FACE,Bangalore | All VIII sem students | SSCE- Anekal |