**SRI VENKATESWARA COLLEGE OF ENGINEERING**

**SVCE INNOVATES 2018 - STUDENTS’ RESEARCH DAY**

**List of participants**

**Department of Automobile Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
| **Batch.**  **No** | **Students** | **Project Title** | **Faculty Mentor** |
| 1 | M.Jagadeesan(IV)  B.S.Gopi (IV)  J.Vishaal Kumar (IV) | Hybrid Conversion Kit | Mr.A.K.Boobala Senthilraj |
| 2 | N.Bhuvanesh (IV)  S.Seenivasan (IV)  Vigneshwaran (IV) | Automated Manual Transmission for Two wheelers | Mr.A.K.Boobala Senthilraj |
| 3 | K.Kukeshajanth (IV)  Anirudh achar(IV) | Treadmill Electric Vehicle | Mr.A.K.Boobala Senthilraj |
| 4 | Y.Sai Bernard (IV)  V.Sudarsan (IV)  M.Abeshiek (IV) | Design of intelligent fuel injection system for controlling the wheel torque to improve fuel economy in a motor cycle. | Dr.V.Ganesh |
| 5 | R.Yogesh (IV)  K.Raveendhiran (IV) | Engine intake throttling to reduce emissions | Dr.S.Premnath |
| 6 | A.Dileep (II)  V.Balajiraj (II) | LUFT-E-Turbo Charger System | Dr.S.Premnath |
| 7 | E.Pradeep Kumar(III)  R.Sureshkumar(III) | Automatic Acceleration Control | Dr.S.Premnath |
| 8 | B.Yoneshwar (III)  S.V.Karthik Varshan (III)  N.Vishal (III) | Combined accelerator & Brake Pedal | Dr.S.Premnath |
| 9 | Ajay Govindarajan G J(II)  Johnson Redonyx Silva A(II)  Arivuchelvan G(II) | Automatic high beam assist | Dr.S.Premnath |
| 10. | Joshua Peter R(II)  Manojkumar A(II)  Subanthan AJ(II) | Variable LUG Wrench | Dr.S.Premnath  Associate Prof/AE |

**Total number of abstracts: 10**

**Total number of Students: 26**

**Total number of mentors: 5**

**Department of Biotechnology**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Roll No** | **Name of the students**  **(UG with year)** | **Title** | **Name of the**  **Mentor** |
|  | 49 | S Dharshini(IV) | Mannitol production using bacterial culture isolated from dairy industry effluent. | Prof. E. Nakkeeran |
| 13 | B Thenmozhi(IV) |
|  | 40 | Samyuktha D(IV) | Effect of Thymoquinone and Theobromine on collagen fibrillogenesis | Prof. E. Nakkeeran |
|  | 09 | Bharathi V (II) | Lipoprotein Lipase A novel biomarker for Assessment of POPS | Pandiprabha S |
| 47 | Sivagami N(II) |
| 23 | Manju Sri M (II) |
| 18 | V.Kalyani (II) |
|  | 02 | V.Ajay (I) | Nanoparticle mediated drug delivery of a novel synthetic compound to break down the beta-amyloidprotein for the treatment of Alzheimer’s disease. | Dr.S.Prabhu |
| 11 | D.V Dharshini(I) |
| 19 | Hriday Purohit(I) |
|  | 04 | K.Akash (II) | An innovative approach to suppress chemotherapeutic side effects using Resveratrol polyphenol in treating retinoblastoma through activation of AMPK molecular pathway | Dr.S.Prabhu |
| 44 | A.Saravana Kumar(II) |
|  | 16 | S.Hari Vishal(II) | Discovery of adenoviral vector mediated novel gene therapy for retinoblstoma | Dr.S.Prabhu |
| 07 | A. Ashwin(II) |
|  | 23 | D.Khaviya (I) | Construction of gene cassette in a novel vector for producing genetically engineered salt tolerant crops | Dr.Sulochana Somasundaram |
| 20 | K.Janani (I) |
| 53 | Shruthi Sampath (I) |
|  | 33 | J.Nithyashri (I) | A Novel gene technology for the Restoration of intoxicated cows | Dr.Sulochana Somasundaram |
| 35 | V.Nivedha (I) |
| 34 | M.Nithya priya (I) |
|  | 03 | R.Akhila(I) | Genetic Modification of LDLR gene mutations to prevent familial hypercholesterolemia- An Innovative approach | Dr.S.Prabhu |
| 28 | R.Malavika(I) |
| 54 | G.Sudharshan(I) |
|  | 51 | Shakunthala N (I) | Novel Electronic waste based material degradation using genetic consortium – a remedy | Dr.Sulochana Somasundaram |
| 27 | Madhivadhani S (I) |
| 05 | Anusuya Narayanan(I) |
|  | 19 | Kriti Gupta (II) | Docking studies of phytochemicals from cinnamon for a novel drug to prevent hypercholesterolemia | Dr.S.Sulochana Somasundarm |
| 05 | Akshatha G (II) |
| 53 | Suvanshi A (II) |
|  | 22 | Kaviya G (IV) | Preparation and characterization of β-sitosterol-phospholipid complex from cactus cladode as an effective drug delivery system | Prof. E. Nakkeeran |
| 45 | Sowbhagyalakshmi S (IV) |
|  | 12 | Dhamini V (IV) | Construction of Probiotic Lactobacilllus using Metal Reducing genes for Reduction of Chromium Toxicity | Mr.N.Sathish |
| 39 | Sakthivel Pandiyan S (IV) |
|  | 8 | Charulatha S (IV) | Characterization of anthranilate synthase coding *trpE* gene for overproduction of l-tryptophan aminoacid in *E.coli* DH5α strain | Dr.S.Prabhu |
| 9 | Darun S R (IV) |
|  | 30 | Nandita R(IV) | *In-vitro* evaluation of Anti-inflammatory and Anti-urolithiatic activity of *Cichorium intybus* leaves extract | Dr.S.Prabhu |
| 54 | Yamini Swetha N(IV) |
|  | 34 | Poorvisha T (IV) | Evaluation of Antioxidant, Antimicrobial and Cytotoxic Activity of *Albizia richardiana seed* extract | Dr.S.Prabhu |
| 46 | Srinidhi R (IV) |
|  | 8 | Aswanth Harish M(II) | Dye degradation using genetically modified Synthetic bacteria | Dr.S.Prabhu |
| 24 | Mathumithra P(II) |
| 43 | Santhosh S (II) |
|  | 22 | M.Maheswari (II) | Development of novel biosensor for detection of toxic gases | Dr.S.Prabhu |
| 29 | H.S.Pavithra(II) |
| 18 | V.Kalyani(II) |
|  | 56 | Umayaval S(II) | Determination of soil parameters using Biosensors | Dr.S.Prabhu |
| 60 | Vidhya Shree R(II) |
| 16 | C T Indira Nachammai(II) |
|  | 50 | Ms. Varsha Bhaskar(IV) | Formulation and evaluation of transdermal matrix-type therapeutic system for Rivastigmine tartrate | Prof. E. Nakkeeran |
| 10 | Mr. G. Deeyanashwaran(IV) |
|  | 13 | G. Bhavithavya(II) | Cost Effective fertilizer from biodiesel waste | Prof. M. Sivanandham |
| 50 | Suhitha Muppala(II) | Ms. V. Sumitha |

**Total number of abstracts received : 21**

**Total number of students : 52**

**Total number of mentors : 7**

**Department of Civil Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
| **Batch.**  **No** | **Name of the Students** | **Project Title** | **Faculty Mentor** |
| 1 | Anuwar Husain S  Tamilarasan S.P.  Hariharsudan R and  Sudharsan R. | Study on replacement of fine aggregate with quarry – dust and fly - ash in concrete. | Dr. V.Tamizhselvi |
| 2 | Kamal M  Athisivan A  Shanthavadanan V.S.  Sathish Kumar T.M. | Partial Replacement of Cement with Charcoal | Mr.G. Kumar |
| 3 | M.B. Aravind Raja  A.S. Guru Praveen Kumar  R.V. Ramesh Kaushik  N. Sabarinath | Development of Demand Model for Air Travel in India | Dr. M. Selvakumar |
| 4 | P.Pranav | Traffic Management Strategy for Koyambedu Area | Dr. M. Selvakumar |
| 5 | B.Sudarshan  D. Chetan Jain  Penna Dheeren  C.Lokesh | Recovery and Reuse of Waste Water | Dr. E. Ravindranath |
| 6 | S. Abinaya  T.M. Dinesh Kumar | Behaviour of Steel connections in a Framed Structure | Ms. Ruby Freya |
| 7 | Mosikeeran N | Application of Space Truss in Column free Structures | Ms. Ruby Freya |
| 8 | S. Anubama  S. Mohammed Nibras  G. Dineshkumar  J. Sharafath Ali | Self Healing Soil | MS.C.Sandhiya |
| 9 | N.Nirmal  M.Manivannan  K. Parameshwar  R. Saravanan | Suitability study of C & D waste as aggregates in Concrete | Mr.G.Arun |
| 10 | 1. Akshya 2. K. Bhuvaneshwari   A. Haripriyaa | Inclined Building | Ruby Freya |
| 11 | Arshak Ismail Ansari  Ponlinga Ram Singh S  Mahmood Abdullah Z. A | SELF-HEALING CONCRETE | Dr V Tamizhselvi |
| 12 | V.P. Aravindan  Ravishankar. JG  Shalom Jennifer  Jayasekar | Oxidization of Organics using Sequential Batch Reactor | Dr. E. Ravindranath |

**Total number of abstracts: 12**

**Total number of Students: 37**

**Total number of mentors: 7**

**Department of Chemical Engineering**

|  |  |  |  |
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| **S.No** | **Name of the Students (UG)** | **Title** | **Name of the**  **Mentor** |
| 1 | D.Aparna  A.Minakshi | Noise Free and Pollution Free Crackers | Mr. S.Rajasekar |
| 2 | Abirami P (I)  Ananya R(I)  Harish kumar NN (I) | Enhanced corrosion protection by recycled polyurethane | Mr. N Arun Prem  Anand |
| 3 | S. Bhavatharini (III)  S. Abirami (III)  M. Mathangi Lakshmi (III) | Converting Particulate Matter from Exhausts to useful products | Dr. R.Palani |
| 4 | Mithila Ramani (III)  S.R. Prem Sugi (III)  N.Shrreya (III) | Electricity through expelled/waste heat | Dr. R.Palani |
| 5 | Chiranjeevi Chaitanya Ganju (I)  Arorebin A (I)  Kuberavasan M (I) | HHO Generator | Dr. Ananda Babu S |

**Total number of abstracts received: 5**

**Total number of students : 14**

**Total number of mentors : 4**

**Department of Computer Science and Engineering**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S. No** | **Year & Roll no** | **Name of the student & Roll no.** | **Title** | **Name of the**  **Mentor** |
|  | I - A | P. Harshitha (40)  A.R. Heera (42)  P. Jagathratchagan (44) | Advanced Feature in Call Log-Text Call | Ms. G. Janakasudha |
|  | I - C | Soorya Prakash.R (132)  Suhasini. L (139)  Sivayalini.S (128) | TN buses app and TN Travel Card | Ms. G. Janakasudha |
|  | I – C | Vignesh Shankar (156)  Swaran I (145) | EduPortal | Ms. N. Revathi |
|  | II - A | Ajaysaba.A (17) | An Approach to use GSM Wi-Fi hotspot signal for making calls at zero coverage areas. | Mr. Arul. P |
|  | II - B | A. Mohamed Anan (88)  Kaushik Giriajan (75) | MakeSpace | Mr. B. Praveen Kumar |
|  | II - B | Raguraman.T (118)  Rakesh.E (123)  Ragul Krish.N (117) | Accident Detection and Theft Protection System | Mr. B. Praveen Kumar |
|  | II - A | V. Durairaja Vigneshwar (48)  V. Ganesh Prabhu (51) | Automated Reporter and Protector (ARP) system | Ms. T. Padmavathy |
|  | II – B | Kailash S (70)  Koushika K (80) | Voice based E-mail service for Visually Impaired | Rajeswari N |
|  | II - B | Jeeva R (69)  Rajadurai C K (119) | Wall -E- Robot | Mr. M. Adimoolam |
|  | II & III | Santhosh Kumar J(III yr-C, 128)  Mahesh G K (II yr- B, 84)  Koushika K (II yr – B, 80) | Non-Invasive Diabetes monitoring System | Dr. Balamurugan N M |
|  | III - C | Vigneshwaran M (170)  Subash S (144) | DriveBoy | Dr. K.S. Gayathri |
|  | III - A | Akash Saravanan (10)  Gurudutt Perichetla (43) | Adaptive Content Generation using Facial Recognition & Deep Learning | Dr. K.S.Gayathri |
|  | III - A | Hariharan V (44)  Deepak R (35) | Mitral Valve Prolapse Analyser | Dr C Jayakumar |
|  | III - C | S Santhosh Kumar (129)  V Shrivatsun (139) | Intelligent Bot | Mr. Yuvaraj S |
|  | III - C | A.Sri Vardhamanan (143)  R. Subharshana Raghavan (145) | Chat Bot for Scholars (without using API) | Mr. Yuvaraj S |
|  | III - A | B. Devika  N. Hemanth Ramya (50) | Machine Learning Based Missing Child Tracking System (MCTS) | Ms. D.Sasikala |
|  | III – A & B | Aparna.V (19)  Madhuvanti M (72) | Comprehensive Learning Tool using Information Extraction from Text | Ms. E. Rajalakshmi |
|  | III - B | Pravesh Agarwal (109)  Praveen Balaje (108)  Pranav kumar (103) | Automated Cafeteria Admin | Mr. B. Praveen Kumar |
|  | IV - C | R Sai Venkatesh (130)  Vijay Vignesh P (174) | Blend the Concept | Ms. G. Janakasudha |
|  | IV - C | S.Supraja (160)  F. Thaslima Nasreen (167) | URL Phishing Analysis using Machine Learning | Ms. S. Poorani |
|  | M.E.  (CSE-IIyr) | A.B. Hemalatha (02)  R. Rajyashree (06) | Paradise Regained | Ms. R. Gayathri |

**Total number of abstracts received: 21**

**Total number of Students : 46**

**Total number of mentors : 15**

**Department of Electronics and Communication Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
| **Team No.** | **Name of the students**  **(UG)** | **Title** | **Name of the Mentor** |
|  | S. R. Vallimayil (IV-C)  P. Sanjay (IV-C)  R. Sneha (IV-C) | Intelligent Debris Management System | DR. S. MUTHUKUMAR |
|  | M. Vignesh (III-C)  R. J. Sandeep (III-C)  R. Umesh (III-C | Brain Driven Transport for Disabled People | DR.S.R.MALATHI |
|  | T. A. P. Srinivasan (III-C)  R. Vishvesh (III-C) | Safe Driving in the Absence of Visibilty | DR.S.R.MALATHI |
|  | Vemasani Saikumar (III-C)  M.Vijay (III-C)  K. R. Venkat Vishal (III-C) | 5G - The path to a Super Connected World | Ms. T. J. JAYAPRABHA |
|  | R. Sandeep Kumar (III-C)  L. Tharini (III-C) | Artificial Intelligent Personal Robot | Ms. L. ANJU |
|  | R. Harshini (III-B)  K. J. Manasa (III-B)  S. Mekala (III-B) | War Field Spying Robot with night vision wireless camera by android applications | Ms. L. ANJU |
|  | A. Abijith (III-A)  Guru Prahanth (III-A)  Ashbak Raja (III-A) | Enforcing the stop line rule using radio frequency identification tags | Ms. B. sarala |
|  | S. Logeswaran (II-B)  S. A. Pravin Balaji (II-B)  B. Kishaor Kumar(II-B) | QUADCOPTER | Ms. M.VIDHYA |
|  | R. Priyadharshini (II)  C. H. Meghana (II) | Minimizing Electromagnetic Interference in Everyday Life | Ms. C. GOMATHEESWARI |
|  | S.Muthulakshmi (II)  V.Nadhiya (II) | Automatic Solar Submersible Pump Control for Irrigation | Ms. C. GOMATHEESWARI |
|  | R. M. Mirra Valliammai  (III-B)  T. Priya (III-B)  J. Meera (III-B) | Generation of Electricity from Fans | Ms. S. M. MEHZABEEN |
|  | Anirudh Yeswanth  Raj(III-A)  Anish Vinodh (III-A)  K. Hariharan(III-A) | “Care” a Revolution in Medical Care | Mr. B. NETHAJI |
|  | Anirudh Yeswanth Raj (III-A)  Anish Vinodh (III-A)  K. Hariharan(III-A) | “Steppie” a Revolution in clock alarms | Mr. B. NETHAJI |
|  | Anirudh Yeswanth Raj(III-A)  Anish Vinodh (III-A)  A. Abijith (III-A) | Development of Customized Keyboard for use of persons with Intellectual Disability | Mr. B. NETHAJI |
|  | Nemani Jishitha Chowdary(III-B)  P. Priyamvradha (III-B)  M. Purnima(III-B) | Reduction of Toll Gate Traffic | Ms. S. SANGEETHAPRIYA |
|  | R. Harita (III-B)  S. Keerthana (III-B)  P. Lawshia Priya (III-B) | Automatic Room Light Controller | Ms. S. SANGEETHAPRIYA |
|  | A. Akshara (III-A)  S. Akshaya (III-A)  M. Harini (III-A) | Smart Warehouse for Grain Preservation | Ms. S. REETHI |
|  | M Pranav Karnth (II-B)  K Piranava Kumar (II-B)  M Kumarappan (II-B) | 3D PRINTER | Ms. C. GOMATHEESWARI |

**Total number of abstracts received: 18**

**Total number of Students : 50**

**Total number of mentors : 11**

**Department of Electrical and Electronics Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Name of the students**  **(UG/PG)** | **Title** | **Name of the**  **Mentor** |
| 1 | Kirubakaran B S (I-A)  Naveen Kumar K (I-A)  Arun G (I-A)  Dhaneshwaran U (I-A) | Touch-less Door Bell | Mr. D.S.Purushothaman |
| 2 | Eshwaran K (I-A)  Harish S  Ezhilvendhan K | Intra Site | Ms. Suganthi K |
| 3 | Aadithya S (IV-A)  Abishekbaskar (IV-A)  Ashwin S (IV-A)  Harish A (IV-A) | Coordinating Multi-Agent Reinforcement learning for Decentralized Demand Side Management in Micro grids. | Dr KR Santha |
| 4 | Akash S (IV-A)  ArunKarthik M (IV-A)  Bharathi Raj G (IV-A) | Adaptive Distance Protection Scheme For Smart Grids | Dr S G Bharathidasan |
| 5 | Akshay.S (IV-A)  AkshayKumar.L(IV-A)  Heymadri Narayanan (IV-A) | Modelling, Simulation and Fabrication of Thin Film Transistor. | Ms. M.Sasikala |
| 6 | ShojaSherlin (II-B)  S Varsha (II-B)  S Ramkumar (II-B) | Laser Vidyuth | Mr. M. Rajvikram |
| 7 | A Natarajan, (II-B)  ShyamPrakash (II-B)  Surya B (II-B) | Efficient DC house wiring | Mrs. S. Anitha |
| 8 | Annam Annapurna (I-A)  JajulaDeevana (I-A)  Danush Karan (I-A)  Kabish Kumar (I-A) | Project Undazzle | Ms. K Suganthi |
| 9 | Nethaji B (IV-B)  PrasannaSrinivas V  Sailaja Shankar Swain  Syed Saleem A | Energy harvesting using Low cost Multi-Layered Piezoelectric Tiles | Mr. D.S.Purushothaman |
| 10 | Aravind S (III-A)  BharathraghavanT(III-A)  Maria Clinton R (III-A)  Moniesh Raj S (III-A) | Automatic Parameter Analyser | Ms. S.Arulmozhi |
| 11 | Jayaraman S (III-A)  Giridhar S (III-A)  Karan V (III-A)  Karthikeyan S (III-A) | Advanced smart cane for the visually challenged people. | Ms. K.S.Pavithra |
| 12 | P Arunthathi (III-A)  S Meenal (III-A) | Electronic Sleep Inducer | Ms. K.S.Pavithra |
| 13 | S. Ganeshram (II-A)  K Gowtham (II-A) | Carbon Monoxide Controller with Level Indicator. | Dr. S. Anand Babu,  (Applied Chemistry) |
| 14 | Meghana N (III-A)  Amina Ulfath Salima  (III-A)  Archana N (III-A) | Body Battery for Cardiac pacemakers | Ms. Anitha S |
| 15 | S Kavinraj (II-A)  M K Devasanthosh(II-A)  K R Harisuriya(II-A) | Home Automation System using Bluetooth and Arduino | Mr. V Mohanraj |
| 16 | Shri Lakshmi A (III-A)  Apoorva K(III-A) | Wireless Power Transmission of Cosmic Energy | Dr. C. Gopinath |

**Total number of abstracts received: 16**

**Total number of students : 51**

**Total number of mentors : 10**

**Department of Information Technology**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Name of the students**  **(UG/PG)** | **Title** | **Name of the**  **Mentor** |
| 1 | Delphi.R (II)  Jaswanth.K (II)  Banupriya.R (II) | SMART Ambulance | V.Rajaram |
| 2 | Deepika.S (I)  Kaaviya  Baskaran (I) | BUS Tracker and Seat Checker | K.Nivetha Shree |
| 3 | Govarthan NS (I)  Gokulnath.V.P (I) | Controller-X | A.Rohini |
| 4 | Mohamed Ashiq (II)  Ambrish Kumar Tiwari (II)  Harihara Subramaniiyam M (II) | E-Parking | K.Suresh |
| 5 | Mathesh A (I)  Baskaran.P (I) | Safety requirements | S.Kalavathi |
| 6 | Vishwanth.K (III)  S.Yogendiran (III)  S.S.Prajit (III) | SMART Traffics control System | V.Rajaram |
| 7 | K.Subosh (II)  S.Sree Venaktesh(II)  S.Sureshkumar(II) | Six SIGMA Analysis and implementation in Hospitals | V.Rajaram |
| 8 | Rashika.V (II)  Rithika Shruthi.H (II)  Shanmuga Ratnam S (II) | CHOCO OS and BROBOT | K.Krithika Devi |
| 9 | Ishwaryan.K (II)  Gowtham.K (II)  Aakask Raj.G.K (II) | Parking fee automation | P.Nirmala |
| 10 | Priyanka.N.R (II)  Sreeja Krishnan M (II)  Supritha.E (II) | Intelligent parking System | C.Yaashuwanth |
| 11. | M.Preethy (II)  K.Pavithra (II)  R.Nivetha (II) | SMART Medication Dispenser | V.Ranjith |
| 12. | Sahana Nagarajan (III)  Tandra Supriya (III)  Padma Sneha (III) | Preventing road kill using image Processing | Ms V M Sivagami |

**Total number of abstracts received: 12**

**Total number of students : 33**

**Total number of mentors : 10**

**Department of Mechanical Engineering**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No.** | **Name of the Students** | **Title** | **Name of Mentor** |
| 1 | Sivaprakash .M  Roshan Kumar R  Vinoth Kannan S | Design And Fabrication of Mechanized Specimen Holding Device For Pin on Disc Tribometer | Dr.R.Ramesh |
| 2 | Sreesakthivel K  Sasikumar V | Automated Mini-Trencher | Dr.R.Ramesh |
| 3 | Aravindh Annamalai  Monish Kumbhat  Naveen Kumar | Autonomous Seeding Robot | Dr.K.S.Badrinathan |
| 4 | Chathurvel R  Harish R  Ebenezer Samuel M G | Automatic Seed Sowing Machine | Dr C. Senthamarai Kannan |
| 5 | Lakshmi Narayanan PL  Sathyanarayanan B  Thirumalainathan V  Yuvaraj V | Design of Integrated Camber Adjustment System | Dr P Raghu |
| 6 | Mithul Kiruthik.S.R  Ashwin Kumar D | Rough Terrain Vehicle | Mr M Arul Kumar |
| 7 | Gladson E.Y  S.Yugesh  Vengatesh Kumar | Mobile Charging Shoe | Mr M Arul Kumar |
| 8 | Ajay E  Ashwin T  Barath Kumar | Control of Pest Using Ultrasound in Agriculture | Ms.S.Kalpana |

**Total number of abstracts received: 8**

**Total number of students : 23**

**Total number of mentors : 6**

**Department of Marine Engineering**

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| **Batch.**  **No** | **Name of the Students** | **Project Title** | **Faculty Mentor** |
| 1 | Udhayamoorthy.P(IV)  Ragunath.A (IV)  Ganesha Moorthy.M(IV) | Hybrid Turbocharger | Dr.M.Anandan, |
| 2 | Cholaraja.K (IV)  Jayaram.M (IV)  Ramkumar.E (IV) | Development of Port and its Socio-Economic Effects on Hinderland | Mr.B.Srivathsan |
| 3 | Naveen.B(IV)  Srinivasan.P (IV) | High Expansion Foam System | Prof.S.Krishnan |

**Total number of abstracts received: 3**

**Total number of students : 8**

**Total number of mentors : 3**

**Summary of the details**

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| --- | --- | --- | --- | --- |
| **S.No.** | **Dept** | **Number**  **Abstracts**  **received** | **Number of Students**  **Participated** | **Number of mentors**  **guided** |
| **1** | **AE** | **10** | **26** | **5** |
| **2** | **BT** | **21** | **52** | **7** |
| **3** | **CE** | **12** | **37** | **7** |
| **4** | **CH** | **5** | **14** | **4** |
| **5** | **CS** | **21** | **46** | **15** |
| **6** | **EC** | **18** | **50** | **11** |
| **7** | **EE** | **16** | **51** | **10** |
| **8** | **IT** | **12** | **33** | **10** |
| **9** | **ME** | **8** | **23** | **6** |
| **10** | **MR** | **3** | **8** | **3** |

**Total 126 340 78**

**Prize winner’s in SVCE Innovates 2018**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Branch** | **Name of the students** | **Project Title** | **Name of the mentor** | **Prize** |
| **1.** | **AE** | Y.Sai Bernard (IV)  V.Sudarsan (IV)  M.Abeshiek (IV) | Design of intelligent fuel injection system for controlling the wheel torque to improve fuel economy in a motor cycle. | Dr.V.Ganesh | **First**  **Rs. 300/-** |
| **2.** | **AE** | B.Yoneshwar (III)  S.V.Karthik Varshan (III)  N.Vishal (III) | Combined accelerator & Brake Pedal | Dr.S.Premnath | **Second Rs.200/-** |
| **3.** | **BT** | Ms. Varsha Bhaskar(IV)  Mr. G. Deeyanashwaran(IV) | Formulation and evaluation of transdermal matrix-type therapeutic system for Rivastigmine tartrate | Prof. E. Nakkeeran | **First**  **Rs. 300/-** |
| **4.** | **BT** | Shakunthala N (I)  Madhivadhani S (I)  Anusuya Narayanan(I) | Novel Electronic waste based material degradation using genetic consortium – a remedy | Dr.Sulochana Somasundaram | **Second Rs.200/-** |
| **5.** | **CE** | Anuwar Husain S  Tamilarasan S.P.  Hariharsudan R and  Sudharsan R. | Study on replacement of fine aggregate with quarry – dust and fly - ash in concrete. | Dr. V.Tamizhselvi | **First**  **Rs. 300/-** |
| **6.** | **CE** | V.P. Aravindan  Ravishankar. JG  Shalom Jennifer  Jayasekar | Oxidization of Organics using Sequential Batch Reactor | Dr. E. Ravindranath | **Second**  **Rs.200/-** |
| **7.** | **CH** | Chiranjeevi Chaitanya Ganju (I)  Arorebin A (I)  Kuberavasan M (I) | HHO Generator | Dr. Ananda Babu S | **First**  **Rs. 300/-** |
| **8.** | **CS** | V. Durairaja Vigneshwar (48)  V. Ganesh Prabhu (51) | Automated Reporter and Protector (ARP) system | Ms. T. Padmavathy | **First**  **Rs. 300/-** |
| **9.** | **CS** | S Santhosh Kumar (129)  V Shrivatsun (139) | Intelligent Bot | Mr. Yuvaraj S | **Second**  **Rs. 200/-** |
| **10.** | **EC** | M Pranav Karnth (II-B)  K Piranava Kumar (II-B)  M Kumarappan (II-B) | 3D PRINTER | Ms. C. GOMATHEESWARI | **First**  **Rs. 300/-** |
| **11.** | **EC** | A. Akshara (III-A)  S. Akshaya (III-A)  M. Harini (III-A) | Smart Warehouse for Grain Preservation | Ms. S. REETHI | **Second**  **Rs. 200/-** |
| **12.** | **EE** | Akash S (IV-A)  ArunKarthik M (IV-A)  Bharathi Raj G (IV-A) | Adaptive Distance Protection Scheme For Smart Grids | Dr S G Bharathidasan | **First**  **Rs. 300/-** |
| **13.** | **EE** | Nethaji B (IV-B)  PrasannaSrinivas V  Sailaja Shankar Swain  Syed Saleem A | Energy harvesting using Low cost Multi-Layered Piezoelectric Tiles | Mr. D.S.Purushothaman | **Second**  **Rs. 200/-** |
| **14.** | **IT** | Delphi.R (II)  Jaswanth.K (II)  Banupriya.R (II) | SMART Ambulance | V.Rajaram | **First**  **Rs. 300/-** |
| **15.** | **IT** | Priyanka.N.R (II)  Sreeja Krishnan M (II)  Supritha.E (II) | Intelligent parking System | C.Yaashuwanth | **First**  **Rs. 300/-** |
| **16** | **ME** | Sreesakthivel K  Sasikumar V | Automated Mini-Trencher | Dr.R.Ramesh | **First**  **Rs. 300/-** |
| **17.** | **MR** | Udhayamoorthy.P(IV)  Ragunath.A (IV)  Ganesha Moorthy.M(IV) | Hybrid Turbocharger | Dr.M.Anandan, | **First**  **Rs. 300/-** |

**Total prize Money: Rs. 4400/-**