



Shri Siddhrameshwar Education Trust's  
**S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY**  
Shivbasav nagar, Belagavi, Karnataka -590010  
Approved by AICTE New Dehli  
Affiliated to Vivesvaraya Technological University, Belagavi  
CET Code: E175, COMEDK Code :E110, PG CET Code:942  
Website: [www.sgbit.edu.in](http://www.sgbit.edu.in) Email: [hod-mech@sgbit.edu.in](mailto:hod-mech@sgbit.edu.in)



## ***ASSOCIATION OF ROYAL MECHANICAL ENGINEERING STUDENTS (ARMES)***

### **MECCANICO NOTICIA VOL.6 JAN 2019-MAY 2019**



#### **PROGRAM EDUCATIONAL OBJECTIVES [PEO's]**

PEO1: To enable graduates to comprehend, analyze and solve Mechanical Engineering problems by applying principles of mathematics, science and engineering using modern tools, techniques and skills.

PEO2: To empower graduates the technical and professional knowledge to achieve excellence in professional life and to pursue higher education.

PEO3: To make graduates recognize the importance and engage in life long process of learning through self study, continuing education courses and workshops.

PEO4: To train graduates with effective communication and entrepreneurial skills to excel in national, international, multi-cultural and multi-national organizations.

PEO5: To inculcate in graduates the awareness of ethical, societal and environmental issues associated with engineering practices.

#### **PROGRAM SPECIFIC OUTCOMES [PSOs]**

PSO1: Prepare students to identify & analyze mechanical engineering problems reaching substantiated conclusions using principles of mathematics and engineering.

PSO2: Enhance an ability to work on projects using multi disciplinary tools professionally.

PSO3: Inculcate an ability among the students to apply the knowledge of mechanical engineering in solving economical, environmental and societal problems.

#### **Institution Vision**

To impart Quality Education with Human values and emerge as one of the Nation's leading Institutions in the field of Technical Education and Research.

#### **Institution Mission**

- Strive to encourage ideas, talents and value systems.
- Guide students to be successful in their Endeavour with moral and ethical values.
- Build relation with Industries and National Laboratories to support in the field of Engineering and Technology.
- Inculcate a thirst for knowledge in students and help them to achieve Academic Excellence and Placement.
- Train and develop the faculty to achieve Professional, Organizational objectives, and excel in Research and Development.

#### **Department Vision**

The department of Mechanical Engineering strives to empower students with domain skills, research aptitude and human values for holistic development.

#### **Department Mission**

- M1: To impart state-of-the-art technical knowledge using latest tools and techniques
- M2: To educate, mentor and inspire students to excel as successful professionals ready to take up global challenges in Mechanical Sciences
- M3: Inspire to take up research activities to address local industrial and societal needs
- M4: To develop Entrepreneurial attitude by inculcating leadership qualities with ethical values.

## Training Sessions

- A Technical Session on Falcon -9 by Space X by CAD/CAM Guru Solutions Pvt Ltd, Pune
- The Session was arranged By ARMES on 1<sup>st</sup> March -2019.



## Industrial Visits

An industrial visit to 4<sup>th</sup> semester students was organized on 20/03/19 to MP Fabricators, Belagavi. During the visit students gained the practical knowledge about the practices and processes followed in fabrication industries. Mr. T. A. Patil and Mr. M. A. Patil of MP Fabricators interacted with the students. Prof. S. S. Bhoj, Prof. Sachin Mamadapur and Prof. Rajshekhar Chimmat co-ordinated the students during the visit.



## Faculty Achievements:

1. Prof. Suprit Malagi Presented a paper entitled “Tensile Characteristics of HDPE/walnut shell composites” in the first International Conference on material science and manufacturing Technology 2019(ICMSMT-2019) held at Hotel Aloft, Coimbatore Tamil Nadu India during 12<sup>th</sup> and 13<sup>th</sup> April 2019. This paper has been submitted to be published in IOP conference series: Materials science and Engineering (MSE), conference proceedings Journal by the Institute of Physics, United Kingdom.
2. Prof. G.B.Deshpande Delivered a lecture on “Use of technology in improving students learning” on 25<sup>th</sup> March 2019 as a resource person for a one day workshop “Strategies for improving student learning outcomes” organized by KLE College of Pharmacy, Belagavi under the aegis of University Department of Education for Health Professionals (UDEHP), KAHER Belagavi.
3. Dr.Veeranna D.K & Prof Vaijanath Patil attended 48<sup>th</sup> Indian society for Technical Education (ISTE) National annual faculty convention (TEQIP Sponsored) held at Visvesvaraya Technological University(VTU), Belagavi on 19<sup>th</sup> & 20<sup>th</sup> March 2019




## Students Achievements

### Projects selected for KSCST-2019

Sl.N o.	Project Title	Name of the guide	Name of the Team leader	Amount Sanctioned
1.	Investigation of mechanical properties of natural and hybrid composite materials using general purpose resin.	Prof. S.C.Zampa	Mr.Kiran S. Patil	7500/-
2.	Design and development of damless micro hydro power plant using vertex turbine.	Dr. Veeranna D.K.	Mr.Vaibhav Patil	7500/-
3.	Eco Friendly refrigerator using LPG as Refrigerant.	Prof.Anand Potdar	Mr.Jugal Chudasma	7000/-
4.	Localized power generation by utilizing the power of Earth.	Dr. Veeranna D.K	Mr.Sunil kuraty	8000/-

4. Mr.Shivanand Hiremath & Mr.Sohan Kamat Won 1<sup>st</sup> Prize in Paper Presentation at 11<sup>th</sup> National Level Technical Competition HSIT Quest 2019, In association with IEEE & ISTE Student Chapter Held on 25<sup>th</sup> March 2019 at HSIT Nidasoshi.

# Toppers for the VTU Examination January 2019

Mr. Kiran Magadum  7 <sup>th</sup> Semester 81.37%	Mr. Gokul Patil  5 <sup>th</sup> Semester 82.37 %	Mr. Vishal Madiwalar  3 <sup>rd</sup> Semester 78.75%
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- 2. To educate, mentor and inspire students to excel as successful professionals ready to meet global challenges in Mechanical Sciences*
- 3. To inspire for taking up research activities to address local, industrial and societal needs*
- 4. To develop Entrepreneurial aptitude by inculcating ethical and moral values and by developing communication skills.*

## Meccanico Noticia Editorial Board

Dr. S. V. Itti	Editorial Advisor
Dr. Veeranna D. K.	Chief Editor
Prof. Anand Potdar	Co-Editor
Prof. Suprit Malagi	Co-Editor
Mr. Satish T.	Student Member