



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  
MECCANICO NOTICIA VOL.8 JANUARY 2020 -MAY2020



#### 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

**CATIA V5 training program was conducted to students from 20/01/2020 to 31/01/2020**



**Placement training was conducted during 10<sup>th</sup> February 2020-15<sup>th</sup> February 2020.**

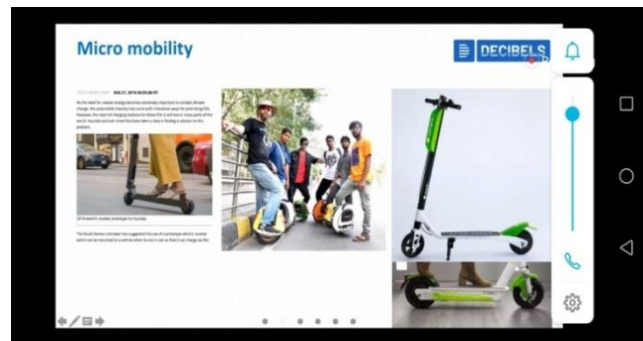


## Webinars

**Webinar on “Electric Vehicles Technology” by Suraj S D ,Founder & CEO, Decibels Lab Pvt Ltd, Bangalore on 13-04-2020**

Key Points Covered

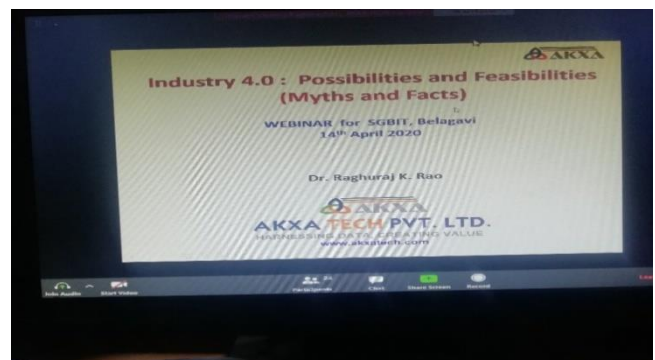
1. Switching over the conventional engines to electric/battery operated engines.
2. Components of the electric vehicle system and interfacing of electro-mechanical components.
3. Challenges in designing the battery Vehicle.



**Webinar on Industry 4.0: Possibilities and Feasibilities (Myths and Facts) by Dr. Raghuraj K. Rao, MD, AKXA TECH Pvt. Ltd. Belagavi on 14-04-2020**

Key Points Covered

1. The process with input and output variables. The situation of the industry in domestic and interanational level.
2. The data driven manufacturing and IoT, cloud computing, data mining and other possibilities for smarter industries for future generation.



**Webinar on Introduction to Noise Vibration and Harshness by Mr. Mahendra Biradar, NVH Assistant Manager Honda cars on June 6, 2020**

Key Points covered

1. Knowledge of vibrations and its applications in industry.
2. Introduction to Vibration. : Free modal Frequency analysis. Frequency response analysis.

S. S. Education Trust's  
**S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY**  
 Shivabasava Nagar, Belagavi-10  
 CETCODE: E-175, COMEDK CODE: E110, PG CET CODE: T-942  
 DEPARTMENT OF MECHANICAL ENGINEERING

Organizing Live Webinar-4 on  
**"Introduction to Noise Vibration & Harshness"**  
 6<sup>th</sup> June 2020, Saturday at 4PM

Online Platform

**Alumnus**  
**Mr. Mahendra Biradar**  
 (NVH Assistant Manager  
 HONDA Cars R & D)

**Organizing Committee**  
**Dr. Sidramappa V. Itti**  
 Principal  
**Dr. Ashok M. Hulagabali**  
 HOD-Mechanical Engineering  
**Prof. Muttanna N. Bandal**  
 Assistant Professor  
 Dept. of Mechanical Engg.

Register here : <https://forms.gle/RCqzs5pLqahJRrqZ8>

Follow us on <http://sgbit.edu.in/>

/sgbit\_official/ /SGBalekundri-Institute-Of-Technology-Belagavi-237507451182391/

**Webinar on Analysis of Structural Application Using ANSYS by Mr. Ganesh R Innovent Engineering Solutions Pvt. Ltd on June 13, 2020**

Key Points covered

1. Understand the applications of ANSYS software in industry.
2. Gain the knowledge of modal and structural analysis.

S. S. Education Trust's  
**S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY**  
 Shivabasava Nagar, Belagavi-10  
 CETCODE: E-175, COMEDK CODE: E110, PG CET CODE: T-942  
 DEPARTMENT OF MECHANICAL ENGINEERING

Organizing Live Webinar-5 on  
**"Analysis of Structural Application Using ANSYS"**  
 13<sup>th</sup> June 2020, Saturday at 11 AM

Online Platform

**Mr. Ganesh R.**  
 (Lead Engineer  
 Innovent Engineering  
 Solutions Pvt.LTD )

**Organizing Committee**  
**Dr. Sidramappa V. Itti**  
 Principal  
**Dr. Ashok M. Hulagabali**  
 HOD-Mechanical Engineering  
**Prof. Muttanna N. Bandal**  
 Assistant Professor  
 Dept. of Mechanical Engg.

Register here : <https://forms.gle/7is36Hurb7Hihjx7>

Follow us on <http://sgbit.edu.in/>

/sgbit\_official/ /SGBalekundri-Institute-Of-Technology-Belagavi-237507451182391/

**Webinar Report on Presentation Skills: Design and Story lining by Mr. Rahul R Kamath Accenture Startegy IIM lucknow on May 30, 2020**

Key Points Covered

1. Acquire the skills to create the good presentation deck.
2. Upgrade the presentation skills.

S. S. Education Trust's  
**S.G.BALEKUNDRI INSTITUTE OF TECHNOLOGY**  
 Shivabasava Nagar, Belagavi-10  
 CETCODE: E-175, COMEDK CODE: E110, PG CET CODE: T-942  
 DEPARTMENT OF MECHANICAL ENGINEERING

Organizing Live Webinar-3 on  
**"Presentation Skills: Design & Storylining"**  
 30th May 2020, Saturday at 4PM

Online Platform

**Mr. Rahul R Kamath**  
 Accenture Strategy  
 (Management Consultant  
 MBA, IIM Lucknow)

**Organizing Committee**  
**Dr. Sidramappa V. Itti**  
 Principal  
**Dr. Ashok M. Hulagabali**  
 HOD-Mechanical Engineering  
**Prof. Muttanna N. Bandal**  
 Assistant Professor  
 Dept. of Mechanical Engg.

Register here : <https://forms.gle/2vkRsFvs13o2e9515>

Follow us on <http://sgbit.edu.in/>

/sgbit\_official/ /SGBalekundri-Institute-Of-Technology-Belagavi-237507451182391/



# Heart Congratulations to the Toppers of 8th Semester VTU Exam

S.S. EDUCATION TRUST'S  
**S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY**  
Shivabasav Nagar, Belagavi-590010 [www.sgbite.edu.in](http://www.sgbite.edu.in)  
CET CODE: E-175, COMEDK CODE: E110, PGCET CODE: T-942

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**8<sup>th</sup> SEM TOPPERS**

  
Mr. Cijin Cheriyan  
2BU16ME022  
91.57 %

  
Mr. Kushal M.  
2BU16ME034  
91.57 %

  
Mr. Ravi K. Kumar  
2BU16ME059  
91.43 %

  
Mr. Sachin Shinde  
2BU17ME437  
91.43 %



  
Mr. Surraj Chougale  
2BU16ME059  
90.71 %

*Congrats!*

**From** Management, Principal, HOD & Staff

## 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. Cijin Cheriyan	Student Member
Miss. Varsha Ghure	Student Member