



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

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Association of Royal Mechanical Engineering Students
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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.**

TECHNICAL TALK ON MARINE ENGINEERING

Technical Talk on Marine Engineering” was organized on 22/2/2018. The Chief Guest Mr. Sunil Hazare, Chief Engineer, Tolani Shipping Company Limited, Mumbai explained about job opportunities and prerequisite for engineering graduates for Marine Engineering career also gave valuable inputs about the career in marine engineering and scope of the course, challenges during the board ship, life on board ship. Perks and wages during and after the course were dealt in detail during the session.



Mr. Sunil Hazare During his session

SAMVEEKSHANA 2018

S.G. Balekundri Institute of technology conducted a national level technical fest SAMVEEKSHANA 2K18 on 23/3/2018 and 24/3/2018. On this occasion various technical events like Lathe war, 3 D Modelling, Sand art, Metal Fitting and sketching , non technical events like Robo race, Survival of the fittest , Tug of war etc., were conducted organized under Mechanical Department . Students from SGBIT and other institutes across the state participated in the events.



Survival of the fittest Event

NATIONAL CONFERENCE ON “SKILL DEVELOPMENT AND ENTREPRENEURSHIP”

As a part of Decennial Celebration, a Two Days National Conference on Skill Development and Entrepreneurship is conducted on 27th and 28th April 2018 at S.G. Balekundri Institute of Technology, Belagavi. Er. Elango S. – Promoter & Managing Director, Galaxy Machinery Pvt. Ltd., Belagavi was the Chief Guest of the programme.

Mr. R.K. Patil – Co-founder Vayavya Labs Pvt. Ltd., and Smart Yantra Technologies Pvt. Ltd., Belagavi was the Guest of Honour,

His Holiness Dr. Siddharam Swamiji blessed the gathering. In his Ashirwahan, he advised the students to gain the necessary skills required to become good engineer.



Inauguration by Dr. Poojya S hri Dr. Siddharam Maha Swamiji

TWO DAY NATIONAL LEVEL SEMINAR ON “LATEST TASK AND TRENDS IN AUTOMOTIVE TECHNOLOGY”

The Department of Mechanical Engineering of S. G. Balekundri Institute of Technology, Belagavi in association with The Institution of Engineers [India] Karnataka State Centre has organized 'Latest Task and Trends in Automotive Technology' on 17th -18th May 2018. Mr. Shivanand Magadam, Regional Transport Officer, Belagavi inaugurated the program His holiness Dr.Siddharama Swamiji in his presidential ashirvachana advised the present youth to use the technology for welfare of the human kind.

The Two day program has speakers from reputed academic institutes, automotive industries and service providers

Faculty Acheivements:

1. **Prof. Suprit Malagi, Prof.Shrishail Yalagatti,,Prof.Prabhudeva Chimmad and Prof. Rajshekar Chimmatt** attended 5 Days Short term training program on “DIGITAL MANUFACTURING AND ADVANCED MATERIALS” held on 16th to 21st Jan 2018 at Dr. M. S. Sheshgiri College of Engineering and Technology,Belagavi.
2. **Dr.Veeranna D. K** and **Prof. Prasad Kallolimath** Represented SGBIT under Academic Pavillion at IMTEX (Indian Metal Forming Exhibition) 2018 Held on 25th Jan to 30th Jan 2018 at Bangalore International Exhibition centre,Bangalore.
3. **Dr.Veeranna D.K., Prof. Prasad Kallolimath, Prof. Vaijanath Patil, Prof. Anand Potdar, and Prof. Pramod shiraguppi** attented a 5 days workshop on “Recent Advances in material properties” held on 16th to 20th Jan 2018 at Hirasugar Institute of Technology,Nidasoshi.
4. Dr. Veeranna D. K, presented a technical paper on “**Mechanical properties of bamboo-epoxy composites a structural application**” at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi.
5. Dr. Uday C. Kapale & Mr. Abhijit Patil presented a technical paper on “**Study of enhancement in heat transfer coefficient (h) in a vertical pipe using twisted tape inserts**” at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi.
6. Dr. Uday C. Kapale & Mr. Pramod V. Mulik presented a technical paper on “**Experimental Evaluation of Nocturnal Cooling System for Room Cooling In Cloudy Condition. (Track III Renewable energy**” at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi.
7. **Prof. Sharanbasappa Zampa & Prof. S.S Bhoj** presented a technical paper on “**Study of Microstructure of Aluminium And Fly Ash Composite Using E-Cap Die**” at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi
8. **Prof. Aravind C.Angadi** presented a technical paper on “**Heat Transfer Enhancement By Using Vortex Generators In Solar Air Heater** at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi
9. **Prof. Mounesh Badiger & Prof. Rajshekhar Chimmatt** presented a technical paper on “**A Review on Diffuser Augmented Wind Turbine**” at National Conference on “SKILL DEVELOPMENT AND ENTREPRENEURSHIP” held on 27-28 April 2018 at SGBIT, Belagavi.



Ashirvachana by Poojya Shri.Dr. Sidharama Swamiji

10. **Prof. Anand Potadar** attended a three days Faculty Development Program for **Student Induction Program** held in 6/6/2018 to 8/6/2018 at Gogte Institute of technology Belagavi.
11. **Prof. Suprit Malagi** presented a technical paper on “**Flexural strength analysis of walnut shell reinforced with fiber glass polyester resin**” at National Conference on “**SKILL DEVELOPMENT AND ENTREPRENEURSHIP**” held on 27-28 April 2018 at SGBIT, Belagavi.
12. **Prof. Suprit Malagi** participated in two day national seminar on “**Capacity building training program on the usage of energy conservation building code (ECBC)-2014**” held on 22nd and 23rd January 2018 at VTU, Belagavi

Students Acheivements

1. **Mr. Adarsh M. S, Mr. Sayeesh S Patil, Mr. Basavaraj Hiremath, & Mr. Mosin J Mulla**, of 8th Sem presented a technical paper on “**Multipurpose Adjustable Ram Hydraulic Press**” under the guidance of **Prof. Vaijanath Patil** at National Conference on “**SKILL DEVELOPMENT AND ENTREPRENEURSHIP**” held on 27-28 April 2018 at SGBIT Belagavi.
2. **Mr. Anand Shivanal** of 6th Sem presented a technical paper on “**Wear Resistance And Microstructure Study of Chromium Based Steels**” under the Guidance of Prof. Shrishail Yalagatti & Dr. K. B. Jagadeeshgouda at National Conference on “**SKILL DEVELOPMENT AND ENTREPRENEURSHIP**” held on 27-28 April 2018 at SGBIT Belagavi

List of project Sanctioned under the 41st series of Student Project Programme-2018 and selected for final round at Bapuji Institute of technology, Davangere to be held on 10th and 11th August 2018

Sl.No.	Project Title	Name of the Project Guide	Name of the Student team leader
1.	Bio Deisel from SAL Seed Oil	<i>Prof. Prasad Kallolimath</i>	<i>Mr. Immamuddin Rahimkhan</i>
2.	Design and manufacturing of water body waste collecting machine from Stagnant water Ponds.	<i>Prof. Sharanbassappa Zampa</i>	<i>Mr. Mangesh patil</i>
3.	Multi Purpose Agro Machine	<i>Prof. Anand Potdar</i>	<i>Mr. Pradeep Murachitti</i>



Mr. Amit Uppin of 8th sem. Secured 3rd place in International Yoga Festival held on 27/1/2018 to 30/1/2018 at Kuala Lumpur, Malaysia

Meccanico Noticia Editorial Board

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