

VEERASAIVA VIDYAVARDHAKA SANGHA'S  
RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI



# YANTRIKA

DEPARTMENT OF MECHANICAL ENGINEERING



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## Social Service to Society with Tata Technologies Research Center

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Mechanical Engineering Department Manufactured and supplied Face Shield Masks for COVID 19 Warriors to Deputy Commissioner, Ballari, VIMS Hospital and District Hospital in Association with Tata Technologies Pune. Masks were manufactured at Center for Invention, Innovation, Incubation & Training (CIIT) Research Center. Event was held on 15 April 2020



**Faculty Social Responsibility**

Mechanical Engineering Department Faculty Members Distributed food to the needy people during COVID-19 Pandemic on 28 and 29 April 2020

**Invited Talk**

Invited Talk on Financial Planning and Management in Association with Anand Rathi Shares and Stock Brokers Ltd was organized on 15 May 2020. Resource Persons Yerriswamy and Sagar were present in the event.



Department Sanitization Process



Mechanical Engineering Department Sanitization Process was conducted on 21 May 2020 by Ballari Municipal Corporation

NBA Orientation Program



Faculty Development Program



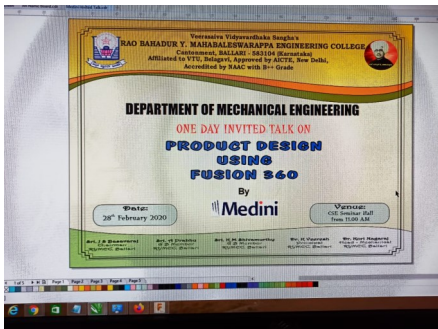
Three Days Faculty Development Program was organized on 29– 31 July 2020 on Developments in Reducing Environmental Pollutions: Biofuels and Thermo acoustic Refrigeration. Recourse Person Dr. B G Prashantha conducted the session

**Students Achievements**



Mr. H M Prajwal Kumar , Final year Student of Mechanical Engineering has received “BEST STUDENT OF THE CHAPTER AWARD -2019” by Indian Society for Technical Education for active involvement in ISTE chapter activity on 22 February 2020

**Technical Talk**



One Day Technical Talk on Product Design Using FUSION 360 was organized in the department on 28 February 2020. Resource Persons Mallikarjun Degaon and Akshay were present in the event.





Students Participation

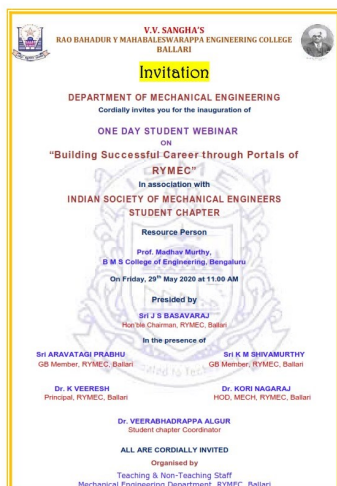


Mechanical Engineering Students participated in YUVA 2020 Program Organized by TV5 at JSW Steels on 04 March 2020

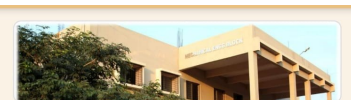
Students Webinar



One Day Webinar on New Age Automotive Industry in Association with Tata Technologies, Pune was organized on 28 May 2020 at Center for Invention, Innovation, Incubation & Training (CIIT) Research Center. Recourse Person Richard Cole Presented the session.



One Day Webinar on Building Successful Career through Portals of RYMEC was organized on 29 May 2020 in Association with Indian Society of Mechanical Engineers Student Chapter. Recourse Person Prof. Madhav Murthy, BMS College of Engineering conducted the session.



A webinar on "Building Successful Career through Portals of RYMEC"

The department of Mechanical Engineering is organizing one day webinar for students. The objective of the webinar is to orient students to make effective use of resources to create meaningful careers through portals of RYMEC.

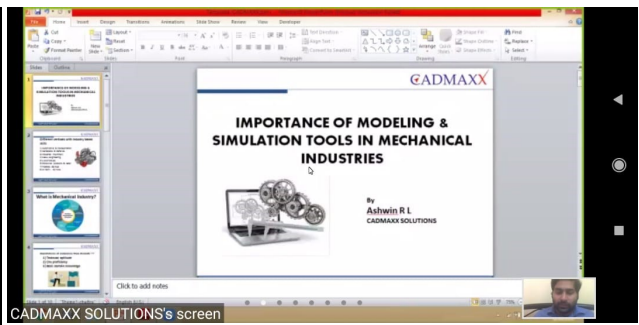
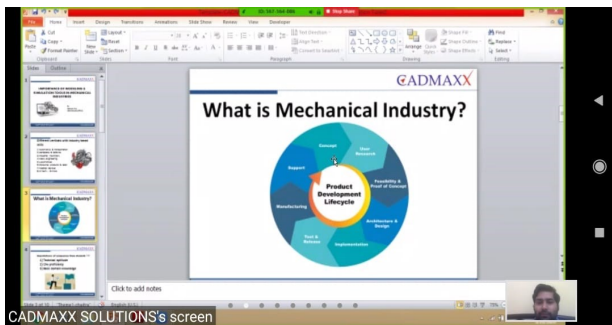
Webinar Date:- 29 May 2020 at 11.00 AM,  
Duration: 1 Hour  
Coordinator: Dr. Veerabhadrappa Algur  
\* Mandatory

\*Required

Webinar



One Day Webinar on Importance of Modeling & Simulation Tools in Mechanical Industries in Association with CADMAXX SOLUTIONS was organized on 28 March 2020 Recourse Person Ashwin R L Presented the session.

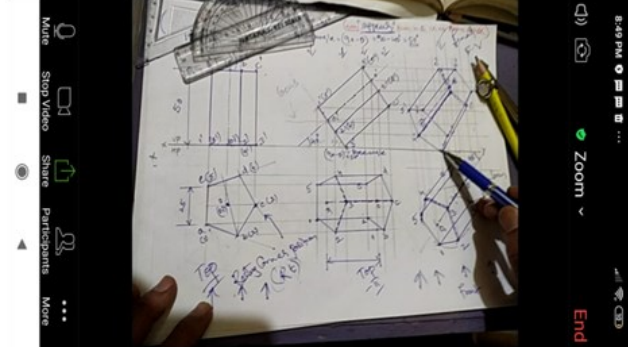
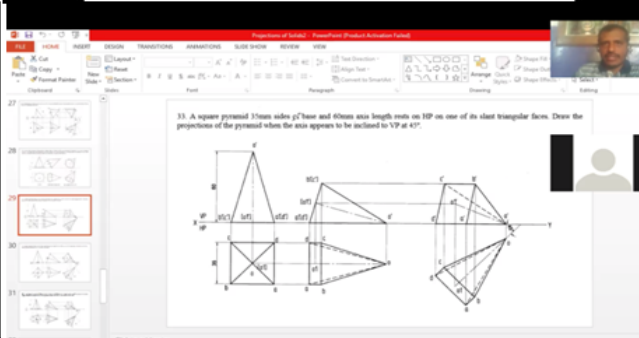
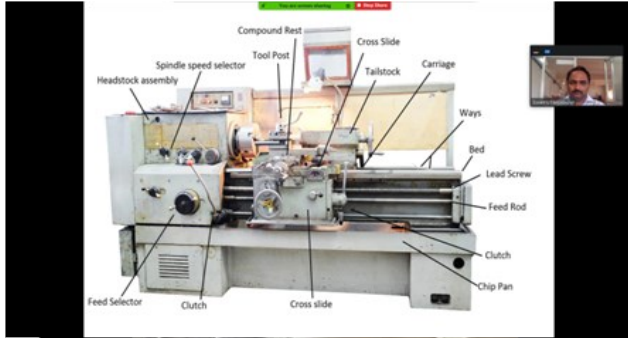
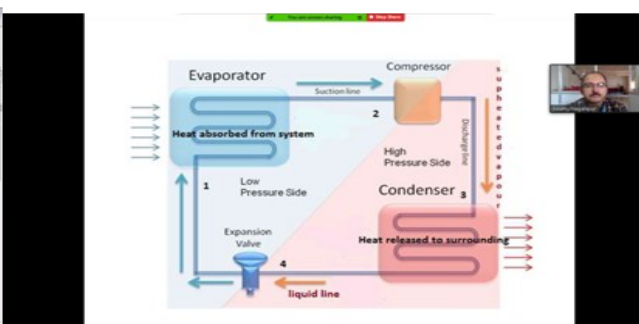


COVID-19 Pandemic Online Classes

Machines				
Jobs	X	Y	Z	
A	19	28	31	
B	11	17	16	
C	12	15	13	

**Solution:**  
Step 1: create zero in each row or column by subtracting by selecting least number in each row and column

**Row Minimization**

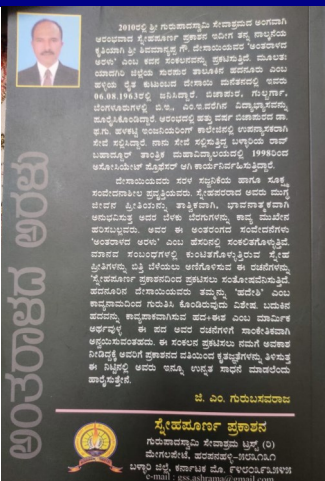
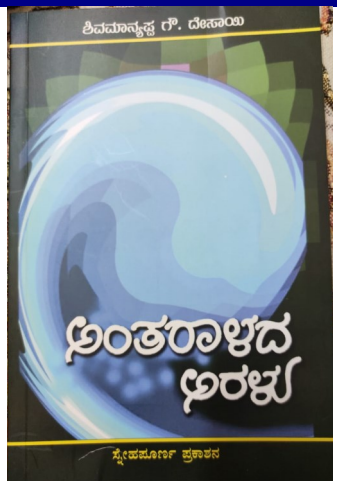




Book Published

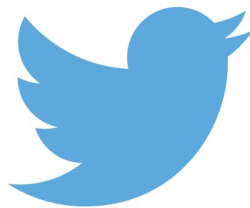


Dr. S G Desai  
Professor



Dr. S G Desai, Professor, Published the book Antaralada Aralu on 02 February 2020 . Book was launched at Zilla Sahitya Sammelana

Mechanical Engineering Department Social Media Networks



Mechanical Engineering Department has Launched its Social Media Networks in order to get the Updates of the Department. People can Scan the above Quick Response Codes (QR) through any QR Code Scanner from the Mobile App and get the Detailed Information and Updates of the Departmental Activities. The available Platforms are Website, Twitter, Facebook and Instagram.



**VISION OF THE DEPARTMENT**

To Produce Professionally Excellent and Globally Competent Technocrats needed to Meet the Challenges in the Emerging Fields of Mechanical Engineering

**MISSION OF THE DEPARTMENT**

- To provide quality education in Mechanical Engineering and Management.
- To Establish a Continuous Industry Institute Interaction, Participation, Collaboration to Contribute Skilled Mechanical Engineers
- To Impart Human, Socio-Ethical values and Entrepreneur skills among Mechanical Engineers
- To Promote Research and Development (R & D) and Innovative Technologies in the Emerging Areas of Mechanical Engineering

**PROGRAM EDUCATIONAL OBJECTIVES**

PE01	Graduates of Mechanical Engineering shall Develop Strong Academic Foundation for Successful Professional Career.
PE02	Graduates of Mechanical Engineering Acquires skills to excel in the area of Mechanical Engineering both in Industries and Academics.
PE03	Graduates of Mechanical Engineering Possess awareness towards Higher Education, R & D and Socio-Ethical values.

**PROGRAM SPECIFIC OUTCOME 'S**

PSO 1	Graduates are able to Design, Analyze and Develop Mechanical Systems.
PSO 2	Graduates are Capable of Developing Research Skills in Self Sustainable Energy sources and Composite Materials.