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



# YANTRIKA

DEPARTMENT OF MECHANICAL ENGINEERING

Address: Cantonment, Ballari, Karnataka 583104

Phone:08392-244809 Web: www.rymec.in E-mail: rymecyantrika@gmail.com

#### EDITORIAL BOARD

Chief Patrons Sri. J S Basavaraj Chairman, RYMEC, Ballari

Dr. K. Veeresh Principal, RYMEC, Ballari

Chief Editor Dr. Nagaraj Kori Professor & Head, Mechanical Engineering,

Editors
Mr. R H M Somanath Swamy
Assistant Professor

Mr. Achutananda K B Assistant Professor

Mr. H M Naveen Assistant Professor

Mr. Yogesh D Student VII Semester

Mr. Syed Meheboob Student VII Semester

# INSIDE THIS

Faculty Achievements 2

Papers Published 2

Campus interview 3

Student Activities

Student Activities

Student Activities 6

Miscellaneous

#### MoU with TATA Technologies, Pune





















Tata Technologies, Pune and Department of Mechanical Engineering, RYMEC, Ballari Signed an MoU on 10 June 2019 in order to Establish Center for Invention, Innovation, Incubation & Training (CIIIT) Technology Research & Development Center.

Mr. Kotresh Sardar secured  $3^{rd}$  prize with Rs 5000 cash prize for poster presentation on Digital manufacturing of dental implant which was organized by Karnataka Science & Technology Academy Conference, govt. of Karnataka, Bangalore on  $1^{st}$  &  $2^{nd}$  Feb 2019.

# **Faculty Development Programs organized by the Mechanical department**

Sl. No	Date	Title of the FDP	Resource Persons	
01	26 <sup>th</sup> to 28 <sup>th</sup> Apr 2019	Three Days students workshop on Industrial safety measures and regulations	Mr. Suresh Kumar, Asst Engineer, Safety Department, JSW Steel Ltd.	
02	17 <sup>th</sup> to 21 <sup>st</sup> June 2019	One Week Short Term Training Program through ICT Mode on "NBA Accreditation" from National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata – Established by MHRD, Govt of India.	Dr. Rayapatti Subbarao NITTTR, Kolkata	

# **Faculty Paper Publications**

Sl. No	Name of the Faculty (s)	Title of Paper	Publication citation	National or International Journal
1	Dr. C Thotappa, Dr. S P Jagadish and Mr. Virupaksha Gouda H	Evaluation of Post curing effect on Mech. Characterization of pol- ymer Matrix com- posites.	P-ISSN 2349- 5162, Volume 6, Issue 4, pp.28-32, April. 2019.	International Journal of Emerging Technologies and Innovative Research (IJETIR)
2	Somanath Swamy R H M, Dr. Hiregoudar Yerrennagoudar, Mahesh G	A Review on Fuel atomization in IC Engines.	ISSN 2279-543x, UGC No. 64650, Volume 7, Issue 5, May 2019.	International Journal of Scientific research and review.
3	Virupaksha Gou- da H, Dr. A Thimmana Gou- da	Natural fibers reinforced polymer composite materials - A Review.	ISSN 2279-543x, UGC No. 64650, Volume 7, Issue 5, May 2019.	International Journal of Scientific research and review.

# **Campus interview**





Campus interview by JSW was organized on 26th and 27th June 2019. Mallikarjuna and B Promod Kumar were selected from mechanical department



DEPARTMENT OF MECHANICAL ENGINEERING, RYMEC, BALLARI

# **Higher Studies**





Higher Studies Awareness Program was Conducted on 11 February 2019. Alumni Student Pruthviraj N B addressed the Session

# **Campus Training Program**



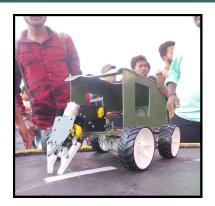




Campus Recruitment Training Program was Conducted by Ethnus, Bangalore on 2 February 2019

#### **Robotic Event**







Students participated in KLE Tech's Mega Robotic Event Terranaut XI held at B V B College of Engineering, Hubballi, on 16 March 2019.

#### **Student Achievement**



Mr. Shivakumar of M.Tech Production Management has achieved VTU University 1<sup>st</sup> Rank in the year 2018-19.

#### **INNOVISION 2019**









Students of 4<sup>th</sup> semester and 6<sup>th</sup> semester Mechanical Engineering participated in INNOVISION 2019 State Level Project Exhibition held at PDIT,

# **Student Workshop**



Three day student workshop was organized on overview in Aerospace domain with a special focus on design, development and life cycle of an aircraft during 5th to 7th March 2019.

#### Student Contribution towards Society as Snake Rescuers



ಬಳಗಾಯಕ ವಾರ್ತ ಬಳ್ಳಾರಿ : ಹಾವುಗಳೆಂದರೆ ಭಯ ಪಡುವ ಜನರೇ ಹೆಚ್ಚು..ಇಂತಹುದರಲ್ಲಿ ಹಾವುಗಳು ಕಾಣಿಸಿಕೊಂಡರೆ ರಕ್ಷಣೆಗೆ ಧಾನಿಸುವ ರಂಗನಾಥ್ ದೇಸಾಯಿ ಎಂಬ ವಿದ್ಯಾ ರ್ಥಿಯು ಬಳ್ಳಾರಿ ಯ ಪ್ರತಿಷ್ಠಿತ ರಾವ್ ಬಹಾವದ್ಯೂರ್ ವೈ ಮಹಾಬರೇ ತೃರಪ್ಪ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾ ಲಯದೆ ಮಕಾನಿಕರ್ ಬಭಾಗದ 6 ನೇ ಸೆಮೆಸ್ತರ್ ನಲ್ಲಿ ವ್ಯಾಸಂಗ ಮಾಡುತ್ತಿ ದ್ಯಾರೆ. ಇವರು ಇಲ್ಲಿಯವರೆಗೂ 100 ಕ್ಕೂ ಹೆಚ್ಚು ವಿವಿಧ ಪ್ರದೇಧದ ಹಾವುಗಳನ್ನು ರಕ್ಷಿಸಿದ್ದು, ಹಾವುಗಳ ರಕ್ಷಣೆ ನಮ್ಮರ ಪ್ರತಿ ಹೋಹಿತ್ತುರ ತಕ್ಷಣ ರಂಗನಾಥ ದೇಸಾಯಿಯವರನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು. ಫೋನ್: 9449852100



























Ranganath Desai Student of Mechanical Engineering Department rendering service to society as Snake Rescuer. IPS Officer K Annamalai Praised the student efforts in rescuing the snakes and handling them to the Forest Department and suggested him to create an YouTube Channel to create Awareness.

DEPARTMENT OF MECHANICAL ENGINEERING, RYMEC, BALLARI

# Superannuation





K Sunil Kumar, Assistant Instructor Retired from the Service on 30 April 2019





Sayed Muneer, Foreman Retired from the Service on 29 June 2019





A Virupakshappa, Mechanic Retired from the Service on 31July 2019

DEPARTMENT OF MECHANICAL ENGINEERING, RYMEC, BALLARI



# VISION OF DEPARTMENT

"To Produce Professionally Excellent, Knowledgeable, Globally Competitive, Socially Responsible Mechanical Engineers and Entrepreneurs"

MISSION OF DEPARTMENT				
MD1	To provide quality education in Mechanical Engineering and Management.			
MD2	To establish a continuous Industry Institute Interaction, participation, and collaboration to contribute skilled Mechanical Engineers.			
MD3	To impart Human, Socio-ethical values and Entrepreneurship skills among Mechanical Engineers.			
MD4	To Promote Research and Development (R & D) and Innovative Technologies in the Emerging Areas of Mechanical Engineering.			

# PROGRAM EDUCATIONAL OBJECTIVES(PEO)

PEO1	Graduates of Mechanical Engineering shall Develop Strong Academic Foundation for Successful Professional Career.			
PEO2	Graduates of Mechanical Engineering Acquires skills to excel in the area of Mechanical Engineering both in Industries and Academics.			
PEO3	Graduates of Mechanical Engineering Possess awareness towards Higher Education, R & D and Socio-Ethical values.			

# PROGRAM SPECIFIC OUTCOMES (PSO)

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