

DEPARTMENT OF MECHANICAL ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING

(An ISO 9000-2001 Certified Institution)

(Affiliated to the Visvesvaraya Technological University, Belgaum)

(Approved by the AICTE, New Delhi and Recognized by Government of Karnataka)

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

AUGUST' 16

Mech-Facts

VOLUME-4

CHIEF PATRONS:



Sri. A. C. Shanmugham
Chairman,
RR Group of Institutions



Sri. A. C. S. Arun Kumar
Vice-Chairman,
RR Group of Institutions

PATRONS:

Sri. Vijayanand .S
Executive Director,
RR Group of Institutions

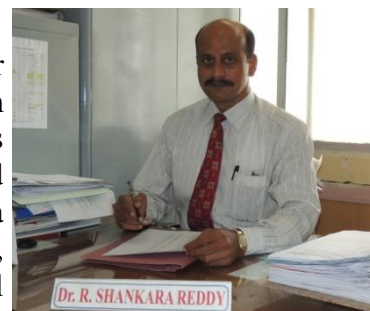
Dr. T.R.Gopal Krishna Nair
Rector,
RR Group of Institutions

Sri. S. Jayabalan
Special Officer,
RR Group of Institutions

Dr. R. Balakrishna
Principal,
RRCE, B'luru

Editorial Board

My heartily welcome to the 4th issue of our **Department Newsletter August 2016**. I am indeed very happy and proud in bringing this newsletter about the latest developments and programs in the department. News letter acts as a communication channel among the alumni, faculty, students and experts in Mechanical Engineering.



Prof. Dr. R. Shankara Reddy

We are very much grateful to the Management, Rector and Principal for their continuous encouragement, inspiration and support extended for the release of this "NEWS LETTER"

"Necessity is the mother of Invention", Initiation, Inspiration, Inventions, Innovations and Challenges are never ending programs of the universe. Every investigation big or small counts but always begins with a single step. Mecholites, the 'Evergreen' all rounder engineers have immense potential within them. This potential can be transformed into academic and research activities by waking up their minds.

"The Archer is known for his ability but not for his Arrow..!"

Department at a Glance:

The Department of Mechanical Engineering was started in the year 2006 has highly qualified faculty with good blend of experience from both Academics and Industry. The department has well equipped laboratories with advanced software's. Within a span of 6 years the department has reached '**Center of Excellence**' by attaining good academic results, conducting many seminars, conferences, workshops, FDPs, Industry - Institute Interactions at State and National levels.

Courses Offered:

UG Program : B.E. (4 Years Course) (Full Time – **180 Intake**)
R & D Program : M. Sc. Engg. (By Research) (Full Time/Part Time)
Ph. D (Doctoral Degree) (Full Time/Part Time)

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Dr. R. Shankara Reddy, PhD
Professor and Head, Mech. Engg.
Specialization: Ceramic Composites



Dr. M. N. Shankar Reddy, PhD
Professor, Mech. Engg.
Specialization: Cryogenics



Prof. Pramod V. Koujalagi
Associate Professor
Specialization: M.Tech, Prodn. Engg.



Prof. N Sreenivasalu Reddy
Associate Professor
Specialization: Thermal Power Engg.



Prof. Thanuj Kumar .M
Associate Professor
Specialization: M.Tech, Manuf. Sci. & Engg.



Prof. Ramesh C.
Associate Professor
Specialization: M.E, Comp. Aided Design



Prof. Anand .A
Assistant Professor
Specialization: M.Tech, CIM



Prof. Dhananjay .B .S
Assistant Professor
Specialization: M.Tech, CIM



Prof. Praveen Kumar .S .P
Assistant Professor
Specialization: M.Tech, PEST



Prof. Bheemrao D. Wadekar
Assistant Professor
Specialization: M.Tech, Thermal Power Engg.



Prof. Madhu .K .S
Assistant Professor
Specialization: M.Tech, Thermal Power Engg.



Prof. Satheesha V
Assistant Professor
Specialization: M.E, Thermal Engg.



Prof. Radhakrishna .R .K
Assistant Professor
Specialization: M.Tech, Machine Design



Prof. Ravi Kumar .T
Assistant Professor
Specialization: M.Tech, Machine Design



Prof. Shivalingaiah L.
Assistant Professor
Specialization: M.E, Machine Design



Prof. Vishwanath K. C.
Assistant Professor
Specialization: M.Tech, Machine Design



Prof. Yellappa
Assistant Professor
Specialization: M.Tech, Manuf. Sci. & Engg.



Prof. Mahendra H. M.
Assistant Professor
Specialization: M.Tech, Machine Design.



Prof. Ramesh Gowda N. R.
Assistant Professor
Specialization: M.Tech, Thermal Power Engg.

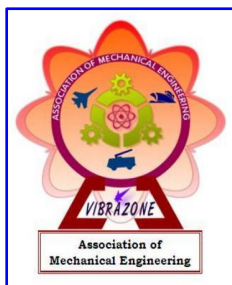


Prof. Ravikiran H
Assistant Professor
Specialization: M.Tech, Machine Design.



Prof. Deepthi H.
Assistant Professor
Specialization: M.Tech, Machine Design





STUDENT CHAPTER



INDIAN SOCIETY OF MECHANICAL ENGINEERS (ISME)

Department of Mechanical Engineering organized inaugural function of Indian Society of Mechanical Engineers (ISME) - Student Chapter to facilitate faculties and students to upgrade themselves in the technological developments that is taking place in and around the world.

Benefits of the student chapter

- 1) Funds for student academic projects from VTU, VGST etc.,
- 2) Recognition to conduct various events to be conducted under ISME chapter.
- 3) Technical talks form experts on innovative technologies
- 4) Symposium for students



Inaugural function of ISME



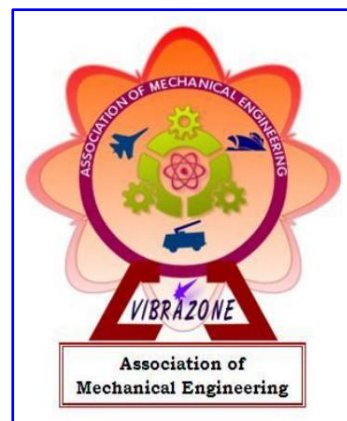
Lighting of Lamps



Certificates to Faculty members



Certificates to Student members



Department of Mechanical Engineering organized its first technical symposium “**Mexelerate-2K16**” on 6th & 7th of May 2016 under VIBRAZONE.

Many events for the students of all branches were held, both technical and non-technical events.

List of events are as follows:

Technical Events:

- 1) Paper presentation
- 2) Poster Making
- 3) Project Exhibition
- 4) 2D drawing
- 5) 3D modeling
- 6) Technical Quiz

Non-Technical Events:

- 1) Slow Bike race
- 2) Fantasy League
- 3) Two wheeler Service camp
- 4) Mini-militia
- 5) Knee trembling
- 6) Tug of war (girls)
- 7) Run your mount



**Lighting of the Lamp****Presidential Address by Rector****Technical Events were held at following venues**

- | | |
|---|---|
| 4) Technical Quiz at Seminar hall | 1) Paper presentation at Mech. Seminar Hall |
| 5) 2D drawing in CAED lab 3 rd floor | 2) Poster making in Room No.102 |
| 6) 3D modeling in CAMD lab | Project Exhibition in Mech. Dept. |

**Project Exhibition by Final years****ACS College of Engineering Final year students participated in Project Exhibition**



Final year students participated in Paper Pr



Poster Presentation by Mechanical Engineering Students



Bike Service Camp in RRCE Campus



Tug of War (Girls)



Slow Bike Race by the RRCE students at college grounds



Stunts by Mr. Natraj Gowda (National Level - Off Road Racer)

Technical Seminars:



Application of Thermodynamics
Resource person Prof. A. Raghunandan



Fixtures for Productivity
Resource Person: Mr. Rama Prakash Holla

Faculty Development Program:

1. Five Days “FACULTY DEVELOPMENT PROGRAM (FDP)” on “INNOVATIVE TECHNOLOGIES& RESEARCH” held on 14th to 18th June 2016.



Faculties attending FDP



Expert delivering talk



Project on Robotics



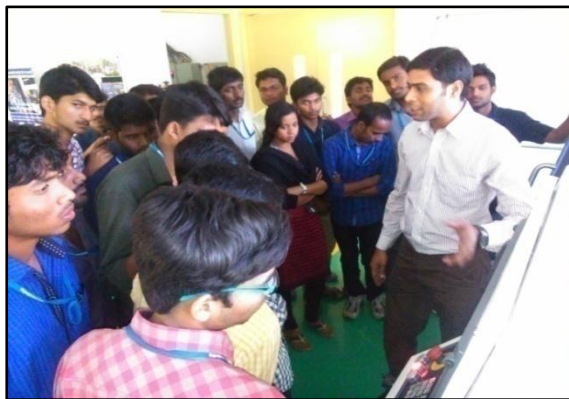
Project on Pneumatic device for engineering applications



Toyota Kirloskar Motor Pvt. Ltd, Bangalore on Dated: 25th Aug 2016



Electro Plasts Private Ltd, Bengaluru, Dated: 26th & 29th Feb. 2016.



Confident Dental Equipment Ltd. Dr. R. Shankara Reddy,

College Champions from 2013 to 2016

Once again our department students have made history by becoming College Champions in the field of Sports.



**Over all College Champions 2015-16
(SPORTS)**

Passed-out, Batch (2015-16)**7th Semester**

Md. Baharam
76.83%



Kiran N.
74.61%



Karthik Singh
73.13%



Prof. Thanuj Kumar M. received **“Appreciation Award”** in recognition of Exemplary Services rendered to the College. **(Cash award of Rs.5000/-)**



Prof. Radhakrishna R. K. and Prof. Ravi Kumar T. Won **1st prize** in Indoor games (**Carrom**) at intercollegiate sports meet at **RRGI**



Prof. Vishwanath received **“100% Results Achiever Award”** for the subject **“Theory of Elasticity”** for the Academic year 2015-16

2015-16

Sl. No.	Name of the faculty	Title of the paper	Publications Citation with DOI& Impact Factor	National /International / Journal
1	Ramesh Gowda	Evaluation of Hardness and wear properties of aluminium 2024-Alumina-Graphite Hybrid MMCs with varying alumina particle size fabricated by stir casting method	ISSN 2250-2459, volume 5, issue9,	IJETAE
2	Ramesh.C	Structural and Magnetic Study on Nickel Substituted MnZn Mixed Ferrite	Elixir Materials Science 79 (2015) 30353-30356.	International Journal
3	Ramesh.C	Structural and magnetic study on Al substituted MgZn mixed ferrite powders prepared by sol-gel method	DerPharmaChemica, 2015,7(5):11-20	International Journal (Scopus Indexed Journal)
4	Ramesh.C	Preparation of AL-MG-Zn Nanoparticles by Novel Route synthesis	29 th feb 2016	International Conference
5	Ramesh .C	Structural and magnetic study on Mg _{0.3} Zn _{0.7} Ni _x Fe _{2-x} O ₄ ferrite system synthesized by sol-gel method	July 8 th -10 th 2015.	International Conference
6	Ramesh.C	Structural and magnetic study Mg _{0.3} Zn _{0.7} Ni _x Fe _{2-x} O ₄ Ferrite system synthesized by sol-gel method	July 8 th -10 th 2015.	International Conference
7.	Ramesh.C	Preparation of AL-MG-Zn Nanoparticles by Auto combustion Method	20thMay2016	National Conference

Message from the Co-Editor

4th department newsletter shows the achievements and activities carried out in the department of mechanical engineering for the year 2015-16.

A “pdf” version will be emailed to entire students, Alumni's, Faculties, many companies and in our College Website.

Please feel free to email your comments and any news you would like to share with fellow readers to Mr. Thanuj Kumar .M at thanuj369@gmail.com

Yours views and advice will strength our work to improve on.Hope to hear from you..!



Prof. Thanuj Kumar .M