



P K M Educational Trust ®

# R.R. INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi & Government of Karnataka)  
(Accredited B+ by NAAC)

## R R Mech Chronicle

Volume 6, Issue 1

Newsletter-April 2022

### Upcoming Events

- International Conference on Latest developments in Mechanical Engineering
- Student Development Programme
- Industrial visits
- Certificate Programme for students

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### Principal's Message -

*"So proud that the department of mechanical engineering is presenting Volume 6 issue 1 of newsletter with talents of their students and faculty".*

*-Dr. Mahendra K V*



### HOD's Message -

*"At the outset, I congratulate the editorial board for their solidarity in bringing out the fifth newsletter, Volume 6 issue 1 of the "R R MECH CHRONICLE" with flying colors for the academic year 2021-22".*

*-Dr. Channabasavaraj S*



### Message From Editor -

*"I am happy to serve you as an editor of R R Mech chronicle and I have tried my level best to convey the latest mechanical department news in best possible manner, hope you enjoy reading newsletter".*

*-Mr. Kalburgi Bharath  
Assistant Professor*



### Association of RRIT Mechanical Engineers

*The mechanical departmental association "ARME" was started in the year 2016. The association effectively brings the students of the department together and bridges them to the outside world.*



#### VISION

*To develop & contribute highly motivated enthusiastic innovative young mechanical engineers to the nation.*

#### MISSION

*To provide a platform for the budding mechanical engineers to showcase their multi skill-sets & encourage to acquire multifold talent through participatory learning.*

## Certificate programme on “Destructive & Non Destructive Testing Methods”

Department of Mechanical Engineering had organized certificate program in association with ARME on “**Destructive & Non Destructive Testing Methods**” for Mechanical Engineering students of 5<sup>th</sup> and 7<sup>th</sup> semester from 23-11-2021 to 27-11-2021. The programme was intended to provide a platform for students to get enlightened about the Destructive and Non Destructive Testing Methods used in the industry and to gain knowledge related to the methods and develop the skills which helps them to do their research and learn about the techniques used in the industry.

## Current Trends in industry 4.0 and Technical & career

Awareness programme for students of 5<sup>th</sup> and 7<sup>th</sup> semester Mechanical Engineering in association with ARME was conducted on 2-12-2021 to make students understand the current trends in industry which enables them to enhance their skillset

## Two day Workshop on Entrepreneurship and Electric Vehicles, innovation and future trend

Two day workshop by Department of Mechanical Engineering in association with ARME was held on “**Entrepreneurship and Electric vehicles,- innovation and future trend**” was conducted on 23-12-2021 & 24-12-2021 to develop entrepreneurial skills in students for the future trends and know the working principles of the Electric vehicles

## 3 days Hands on training programme on “ Python coding with application projects and solution”

3 days Hands on training programme on “ Python coding with application projects and solution” for 5th and 7th semester students in association with ARME on 13-01-2022 to 15-01-2022. The students were able to understand python coding and its applications in the industry and learn a new skillset.

## Seminar and Webinar

- Department of Mechanical Engineering had organized webinar on “Mastercam for Education” on 27-12-2021. **Mr. Sitansu Mohanty, Technical Director Mastercam India Pvt Ltd.** was the Resource person.
- Department of Mechanical Engineering had organized seminar on “ **Industrial applications of Sensors and Transducers**” on 10-01-2022 in association with Venjay Automation Pvt Ltd., Bangalore. **Mr.R Venugopal, Managing Director Venjay Automation.**



## Research & Development Center

- Research Scholar **Pavan Kumar Reddy** Completed Open seminar –1 & Open Seminar-2 Successfully
- Research Scholar **Pranesh K G** successfully completed Open seminar –1.

## Awards and Achievements

- **Dr. Channabasavaraj S** presented a paper in Oral/Poster at “**International Conference on Emerging trends in material science and technology– ICETMT2022**” held online on 10th and 11th February 2022
- **Dr. Channabasavaraj S** Published a paper titled “ **Investigation of flexural properties of hybrid woven Carbon-Kevlar– epoxy composites added with nanosilica filler** ”
- **Mr. Kalburgi Bharath** attended a SERB sponsored one day workshop on “**Energy efficient cooling systems**” organized by Dr. Rudra Naik Professor, Department of Mechanical Engineering, B.M.S College of Engineering, Bengaluru
- **Dr. Channabasavaraj S** reviewed a research publication from Elsevier publications

## Photo Gallery



**Dr.Channabasavaraj S session on introduction to Destructive and Non Destructive Testing Methods**



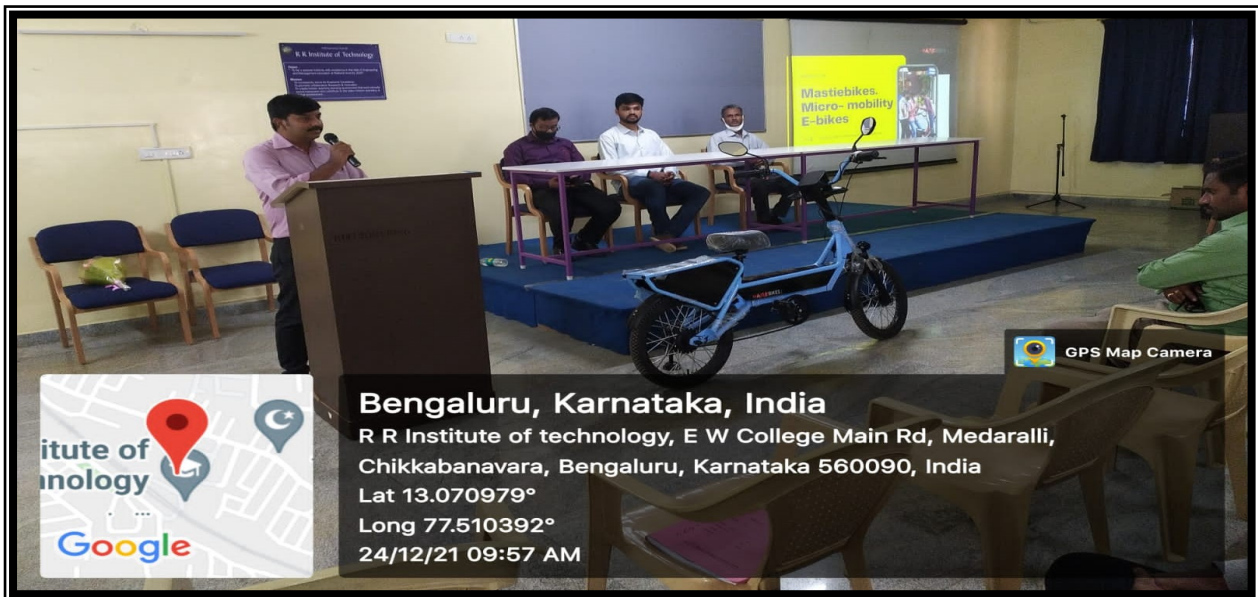
**Dr. Amarnath G delivering expert talk on “Radiographic Techniques” in certificate program “Destructive and Non Destructive Testing Methods”**



# Photo Gallery



Mr. Venugopal explaining about automation and different types of sensors used in industrial application.



Dr. Manjunatha G addressing the students about the workshop- “Entrepreneurship and Electric vehicles,- innovation and future trend” to develop entrepreneurial skills



Speaker interacting with students and explaining about the workshop- “Entrepreneurship and Electric vehicles,- innovation and future trend” to develop entrepreneurial skills