

Nov'22 – Mar'23

ISSUE

01

ASPIRE



*STUDENTS
NEWS LETTERS*



RANE POLYTECHNIC TECHNICAL CAMPUS

No: 82, Sethurapatti Village, Fatima Nagar, Tiruchirappalli – 620012

Phone: 8220052623, 0431-2918797





Rane Polytechnic Technical Campus

Vision of the Institution

To be the best industry relevant technical education institute in the region, enhancing employability of rural youth and promoting entrepreneurship for nation building.

Mission of the Institution

- *Recognizing the intrinsic abilities among the students and adopting appropriate teaching learning process for improving their technical competency*
- *Establishing state of the art infrastructure*
- *Providing Finishing School Programs (FSPs) for facilitating holistic development of the student*
- *Interfacing with industries for better employability and entrepreneurship*
- *Inculcating social responsibility among the students*





Department of Mechanical Engineering

Vision

- *To create Technically skilled and professionally competent workforce for Mechanical and allied engineering industries*

Mission

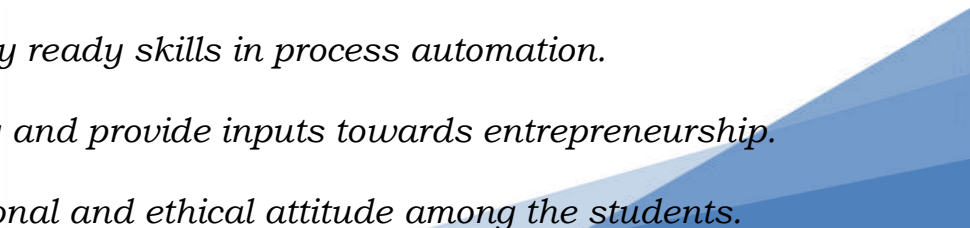
- *To facilitate conducive learning environment through quality resources*
- *To train the faculty for enhancing their competency*
- *To develop the employability of the students in line with industrial needs by interacting with mechanical & allied industries*
- *To provide effective career guidance to promote entrepreneurship and higher Education*
- *To promote personal and professional ethical values*

Department of Mechatronics Engineering

Vision

- *To develop industry ready mechatronics engineers with broad interdisciplinary skills trained in core concepts of engineering, robotics, automation and controls*

Mission

- *To Enhance multi-disciplinary technical skills through innovative teaching-learning resources*
 - *To train the faculty for enhancing their competency*
 - *To train in industry ready skills in process automation.*
 - *To involve industry and provide inputs towards entrepreneurship.*
 - *To imbibe professional and ethical attitude among the students.*
- 



From the Principal's Desk



Dear Students,

In order to accomplish our vision and mission, we are prepared to take as much effort as possible for the betterment of academic scenario in India. We believe that education is an effective medium of social transformation. We get encouragement, looking at bright and successful careers of our thousands of students, which subsequently benefit the society.

Over the years the college magazine has provided an opportunity for students to portray their topics of interest and share their ideas. I feel extremely happy to speak to you through this Magazine. Publishing a magazine is indeed a tedious and herculean task. In recent years, when our students are concerned more about their academic excellence, they have to be coaxed, persuaded and encouraged to exhibit their talents in all areas. The response of the students in contributing articles to the magazines was really overwhelming. The student's articles contributed for the college magazine has shown their intellectual insight and their excellent command on language.

All the Best.

Dr. Joshua Arul Kumar R

Principal



Congratulations...



(Cost effective Electric Cycle - a need oriented innovation by our Student)

Jeva Joseph our 3rd year DME student who is travelling in his bicycle for 6 km to reach Rane Polytechnic from his village. His struggle to travel a long distance motivated him to put his technical skills into practice to convert his cycle into an electric one. With an investment of less than ₹10k, using a 3500 RPM Permanent Magnet DC motor and a 24V lithium battery, designed his own Electric cycle (EC) that runs at 25kmph speed and covers a distance of 30 km in a single charge.





Congratulations...



(R.SAVITHA & S.GANGA from III Year Mechatronics Engineering won First Prize in National Level Paper Presentation organized by Kongu Polytechnic College, Perundurai, Erode on 04.02.2023)



(Students those who attended Guest Lecture on E Vehicle organized by IEI, Trichy on 18.02.2023)



Pencil Art



**Arun Prasath R,
DMTE – II Year**





(Khadi Kraft Exhibition-cum-sale)

Our Rane Polytechnic Technical Campus organized Khadi Kraft Products Exhibition-cum-sale on 04.02.23 in our campus with the help of Tamilnadu Khadi and Village Industries Board, Trichy Branch. Principal Dr.R.Joshua Arul Kumar inaugurated the Khadi Kraft Products Exhibition-cum-sale. Students and their parents, Staff and public from nearby villages had participated and got benefited by purchasing products in best suitable price.





(Republic Day Celebration)

Rane Polytechnic Technical Campus Celebrated the 74th Republic Day on 26-1-2023 in a colourful manner. The Principal Dr. R.Joshua Arul Kumar hoisted our National flag. Head of the Department of Mechanical, Mechatronics, Basic Engineering, Physical Director and Admin staff along with faculty members have actively participated in the patriotic celebration. Finally sweets were distributed to all.





Congratulations...



(C.Sriram and T.Sarvesh from II Year Mechatronics Engineering won 3rd Prize in A State Level Technical Symposium organized by P.A.Polytechnic College, Pollachi on 10.02.23)



(P Vasanthakumar from III Year Mechanical Engineering won 2nd Prize in CAD Modeling Competition organized by HI Tech Polytechnic College on 26.01.23)





(Robotics Workshop to School Students)

Rane Polytechnic Technical Campus, Trichy organized “**Free Workshop on Robotics**” School students. Mrs.B.Rajalakshmi, Dean – Institutional Development and Quality Assurance, Rane Holdings Limited inaugurated and felicitated the Workshop. The Principal Dr.R.Joshua Arulkumar had given the principal address. Students learnt the list of six axis robot applications which includes the program for pick and place using robots. They also executed the program by visualising its real time operations. Some students had mantled and dismantled the interfacing parts of robots with the help of witblox kit



Pencil Drawing



Naveen Christin Raj E
DMTE – II Year





(Parent – Teachers Meeting)

Parent teacher meeting for this academic year was held on 4th February. Principal Dr.R.Joshua Arul Kumar welcomed the parents and Mrs.B.Rajalakshi, Head – Educational Initiatives, Rane Holdings Limited graced the occasion and shared her views. More than 100 parents participated and benefitted through the meet on their ward’s academic performance and areas for improvement.





Congratulations.....



(M.Abdul Lathif, S.Sachin Belthasar, R.Kevin Frejwel, G.Kishore, S.Wilfred from Mechanical Engineering participated and won Second Prize in Technical Quiz organized by Chenduran Polytechnic College)



K.Suthagar and K.Vijay from Mechanical Engineering participated and won Third Prize in Paper Presentation organized by Sri Rengeswar Polytechnic College on 23.02.2023



The Editorial Board



S.Charles Jebabalan,



G.Senthur Balaji



R.Ravishankar



Raveenkumar V



Abdul Lathif M



Adeeb Dirbaaz N



Dhanush Kumar M



Kishore G



Sarvesh T



Rajeshkumar D



Abishanth V



Siva R

