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INSTITUTE VISION: To be a premier institution in technical education by creating professionals of global standards with ethics and social responsibility for the development of the nation and the mankind.

INSTITUTE MISSION:

M1: Impart Outcome Based Education through well qualified and dedicated faculty.

M2: Provide state-of-the-art infrastructure and facilities for application-oriented research.

M3: Reinforce technical skills with life skills and entrepreneurship skills

M4: Promote cutting-edge technologies to produce industry-ready professionals.

M5: Facilitate interaction with all stakeholders to foster ideas and innovation.

M6: Inculcate moral values, professional ethics and social responsibility.

Department of Mechanical Engineering:

The department of Mechanical Engineering was established in the year 2011 with an intake of 60 students. Our under graduate program educates the students to go for in depth study of Thermal and Design and other subjects which help them to serve the society in best possible manner where ever they go. The department is enriched with highly qualified, experienced and committed faculty members. The department also has a very unique distinction of hosting a student run society with the name of RISE YUVA and RISE SPOORTHY. The department has good infrastructure and is equipped with full-fledged laboratories.

DEPARTMENT VISION:

To be a competent Mechanical Engineering Department for quality education with global standards to serve humanity and contribute for the socio-economic development.

DEPARTMENT MISSION:

DM1: Impart quality education through dedicated faculty and state-of-the art facilities.

DM2: Achieve academic excellence in Mechanical Engineering through innovative teaching and learning methodologies.

DM3: Inculcate professional, managerial and entrepreneurial skills among stake-holders.

DM4: Promote industry institute interaction for problem solving.

DM5: Involve in life-long learning activities to cater the society needs.

DEPARTMENTAL ACTIVITIES

- Two day FDP program was conducted on NBA Accreditation from 3rd -4th March,2019





Faculty Publications:

- ✓ Mr. B. Chandra Mouli, Associate Professor, Department of Mechanical Engineering published a paper titled “Numerical study of temperature dependent eigenfrequency responses of tilted functionally graded shallow shell structures “ in International Journal of Structural Engineering Mechanics, Volume 68, Number 5, December 10 2018, pages 527-536, DOI: <http://dx.doi.org/10.12989/sem.2018.68.5.527>
- ✓ Mr. B. Chandra Mouli, Associate Professor, Department of Mechanical Engineering published a paper titled “Investigations on performance characteristics of GFRP composites in milling “ in The International Journal of Advanced Manufacturing Technology, November 2018, Volume 99, [Issue 5–8](#), pp 1351–1360

Students Achievements :

- B.Pavan Kalyan, Mechanical Student got 2nd Prize in National Level Technical Symposium at Prakasam Engg College, Kandukur, A.P.
- V.Raghunadh Reddy, Mechanical Student is participated in Poster presentation, National Level Technical Symposium, conducted by BVRIT, Hyd on 28th February, 2019 and secured 1st prize in Poster presentation.

- V.Sumareddy, Mechanical Student is participated in Project expo, National Level Technical Symposium, conducted by Bapatla Engg College, Bapatla, A.P on 15th February,2019 and secured 2nd prize.
- Dontha Kumar, Mechanical Student is participated in Technical quiz in National Level Technical Symposium, conducted KLU, Guntur, A.P on 11th February,2019 and secured 1st prize.
- Dronadula Madhu , participated in Technical debate VNR Vignan Jyothi College Of Engg , Hyd on 20th Dec,2018 and secured 3rd Prize in.
- Teepu Baig, Mechanical Student participated in Poster presentation is conducted by MVJ college of Engg, Bangalore, Karnataka, on 11th Dec,2018 in and secured 2nd Position.
- P.Venkatesh, L.Siva Mechanical Students are participated in Paper presentation, conducted by Rajyalakshmi Engg College,Chennai, TN on 1st December 2018 in Paper presentation and secured 3rd Position.
- Palaparthi Chandu, Bathula Sreenu are participated in Technical quiz, conducted by Matrusri Engineering College, Hyderabad, TN on 12th Oct,2018 secured 2nd Position.
- Students displayed prototypes in “GNANABHERI” conducted by government of Andhra Pradesh and they presented the working of those prototypes to the chief minister Chandrababu Naidu.



- Project Expo in RISE campus during technical fest 2K19, displaying the various working models and prototypes made by the students



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Solar Electric Regenerative Car



Can Crusher



Regenerative braking system



Power generation using solar and wind



Gearless Transmission System



Paper cutting machine using Geneva Mechanism

Industrial Visit:

- ❖ The students of second and third year have visited to the “SUDALAGUNTA SUGARS Ltd.”, Nellore, dt on 25th Feb 2019 as a part of their curriculum. SUDALAGUNTA SUGARS is one of the oldest sugar plant. The tour was co - ordinated by Mr.B.Chandramouli and K.S.J.Prakash with other faculty members.



- ❖ The students of second and third year visited to the “Krishna sai Granites.”, ongole, dt on 31st December 2018 as a part of their curriculum. Krishna sai Granites is one of the granite Quarry in prakasam District. The tour was co - ordinated by Mr.K.Somaiah Chowdary and K.Rajesh Guptha with other faculty members.

