

# MECHAZINE

VOL: XVIII

ISSUE: JAN 2019

## SPECIAL POINTS OF INTEREST:

- EDUCATIONAL TOUR
- INDUSTRIAL VISITS
- HOSTEL FACILITY

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## EDUCATIONAL TOUR

The students of second B.Tech(2017-2021) Mechanical Engineering went for an educational tour to visit various industries in West Godavari and Krishna Districts of Andhra Pradesh.

On 6th December, our students visited Meena Foods Private Limited and observed the preparation of Breads, Buns and Rusks along with fully automatic packing machines. Next, the students visited Krishna Engineering Works, Prakasa Engineering Works and Prakasa Spectro Cast(P) Ltd. All these companies are involved in manufacturing, supplying and exporting of premium quality sugar mill equipment and spares required for cement, oil refinery, mining and thermal industries. The company also manufactures customized products as per the specification and designs of the clients. The students observed various sections such as pattern making, mould preparation, metal pouring and finally the machining section. The students got an opportunity to have a view and understand the operating principle of Cupola furnaces of various capacities and induction furnaces. The students also observed various machining operations being done on heavy machineries like lathes, plano-miller, planer, double-head shaper, vertical turning lathes etc.

### Department Head Desk:



I am elated to release the volume XVIII of 'MECHAZINE' which showcases the students' time and enthusiasm to utilize their capability for achieving the compatibility to convert their ideas into reality. In this volume, the viewers will get the flavour of many industrial visits which will enhance students learning abilities by seeing physically. Being a Mechanical Engineer, each reader must be connected with different Innovative thoughts that may excel their motivation to do something during their engineering career. If you are not able to utilize your potential to full measure, your life will not look like what it is all worth.

# INDUSTRIAL VISITS

On 8th December, the students also visited the following companies in the morning session –

## **BSM FOUNDRIES:**

*They manufacture bronze bells weighing from 1 kg to 500 kg, bronze plates and utensils by casting process.*

## **VIJAYA INDUSTRIES:**

*They manufacture copper, brass, aluminium and bronze utensils by using various sheet metal operations.*

<b>Kristna Engineering Works</b> Vijayawada	II B.Tech (35 Students)	06/12/2018	Mr. M. Vinod Mr. K. Bhanu Teja
<b>Prakasa Spectro Alloy Cast Pvt. Ltd.</b> Vijayawada	II B.Tech (35 Students)	06/12/2018	Dr. N. Naga Krishna Mr. Naseeruddin Usmania
<b>Meena Foods Pvt. Ltd.</b> Kumudavalli	II B.Tech (34 Students)	06/12/2018	Mr. Ch. Bhanu Prakash
<b>New Vijaya Sprayers</b> Peravali	II B.Tech (34 Students)	08/12/2018	Dr. N. Naga Krishna Mr. G. Mahesh
<b>Vijaya Industries</b> Peravali	II B.Tech (34 Students)	08/12/2018	Dr. N. Naga Krishna Mr. G. Mahesh
<b>B S M Foundries</b> Ajaram	II B.Tech (34 Students)	08/12/2018	Dr. N. Naga Krishna Mr. G. Mahesh
<b>Ravali Spinning Mills</b> Tanuku	II B.Tech (34 Students)	08/12/2018	Dr. N. Naga Krishna Mr. G. Mahesh

## **NEW VIJAYA SPRAYERS LTD:**

*Which manufacture non-ferrous bushes and bearings by casting process. The visit provided the students an overview of the various manufacturing processes, which the students learn in the subject "Production Technology" in the current semester.*



A total of 69 students visited the above companies, accompanied by the Department faculties-Dr. N. Naga Krishna, Mr.K. Bhanu Teja, Mr. G. Mahesh, Mr. Nasiruddin Usmaniya & Mr.M. Vinod. The students would like to express their heartfelt thanks and are indebted to the management of Sri Vishnu Educational Society and the Human Resource managers of the above companies for giving them an opportunity to visit these companies.

## TECHNICAL TOUR

B. Tech Second- and Third-Year Students of Mechanical Engineering went for an educational tour to visit Tamil Nadu Co-operative Milk Producers' Federation Limited (Aavin) in Chennai on 09th and 10th January, 2019. Aavin is the trademark of Tamil Nadu Co-operative Milk Producers' Federation Limited. The commercial activities of the Aavin are milk procurement, chilling, processing, packing and sale of milk to the consumer with the average capacity of 11,50,000 lakh litres per day. Aavin produces 4 varieties of milk such as Toned milk (3% fat), Double toned milk (1.5% fat), Standardized Milk (4.5% fat) and Full Cream Milk (6% fat).



**Tamilnadu Co-operative Milk  
Producers' Federation Limited**

*A total of 55 students visited the above company, accompanied by the  
Department faculties- Mr. M. Raghuraman, Mr. K. Bhanu Teja and  
Mr. M. Vinod.*

*During the visit the students observed various processing units such as Homogenization, Pasteurization of milk, Automatic packing section and quality section.*



*Next the students visited Periyar Science and Technology Centre, Chennai. In this centre students visited around 15 galleries out of which defence research, innovation hub gallery, ocean gallery, nuclear power gallery and transport gallery are the major attraction in this centre, from these galleries students had the broad range of exposure to various innovations and technologies.*

# HOSTEL FACILITY

With a key focus on developing a self-sustained residential campus, Hostel facility is provided with separate accommodation for Male and Female students, with fully furnished AC and Non AC (2 bed & 3 bed) rooms having attached bath, balcony and a common Dining Hall as well as Audio-Visual Lounge.

The object of the Hostel is to provide suitable and comfortable accommodation for deserving students from Andhra Pradesh and outside the State. The Hostel has a number of blocks to accommodate exclusively for girl students. Ideal hostel facility with homely atmosphere is provided within the campus. Many recreation facilities are also provided.



## Ideal Hostel Facilities

- To improve their General Knowledge, Newspapers and Educative Periodicals are provided in the reading room.
- Reading room / T.V. Room is provided separately in each block. It will be operated during stipulated hours.
- Indoor / outdoor games are provided in the hostel. Pictures are screened regularly in the auditorium.
- Every care is taken by the Administration Team & Management for the safety and security of the students during their stay in the hostels.
- Mess with a modern kitchen and spacious Air-Conditioned dining halls are attached to the hostel.
- In case of serious illness or for the treatment suggested by the specialist doctor, the Management provides transport facilities for admitting him/her to a Nursing Home / Hospital at his / her own cost.
- Mess with a modern kitchen and spacious Air-Conditioned dining halls are attached to the hostel.
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# FRESHERS:

Our College encourages healthy life choices, multicultural competency, personal and professional growth, campus involvement, Social responsibility and leadership development.





*Our VISION is to ignite the minds of the students through academic excellence so as to bring about social transformation and prosperity.*

**CHAIR:**

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