

## NEWS LETTER

### DEPARTMENT OF MECHANICAL ENGINEERING

# SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

## 1. Vision and mission of the institute

- **Vision** : To be a centre of excellence in technical education to empower the young talent through quality education and innovative engineering for well being of the society.
- **Mission**
  - M1 Provide quality education with innovative methodology and intellectual human capital.
  - M2 Provide conducive environment for research and developmental activities.
  - M3 Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

## 2. Vision and Mission of the Department

- **Vision** : To excel in Mechanical Engineering education, Research and Development through innovation and technology.
- **Mission**:
  - M1 Provide quality education and skills to make the students globally sustainable Mechanical Engineers.
  - M2 Provide research oriented industry interaction to create and disseminate practical knowledge.
  - M3 Educate students about professional and ethical responsibilities for their career development and lifelong learning.

## 3. Internships at Sreyas for Mechanical Engineering Students

In the Present education system the significance of internship is increased. The AICTE made it mandatory for becoming eligible to get Engineering degree. The industries and institutes are realising the importance of an internship to make the students employable. Major benefits of internships to the students are

1. Best way to gain industry experience
2. Understand what you like and what you are good at
3. Add value to the CV
4. Opportunity at a full-time position
5. Learn new hard skills and soft skills
6. Time management, professional habits, adjusting to the new timetable and responsibilities.
7. A good internship will allow you to get feedback from the seniors and useful to improve yourself.



students at assembly of mobile air conditioner



Students of Mechanical Engineering are doing Internships during this summer on mobile air conditioner design and manufacturing. During this Internships student get thorough knowledge on production planning, inventory, quality tests for performance checking etc.

#### 4. Paper presented in International conference at National Institute of Technology, Warangal by the Faculty

Mr. A C S Reddy, Assoc. Professor from the Department of Mechanical Engineering was participated in International Conference on Numerical Optimisation in Engineering and Sciences (NOIEAS-2019) during 19-21 June, 2019 and presented paper on "Simulation Study on Influence of Blank Offset in Deep Drawing of Circular Cup". He received participation and paper presentation certificate from the Department of Mathematics, National Institute of Technology, Warangal.



A C S Reddy

#### 5. Birthday Celebrations

On 26.06.2019, the Department of Mechanical

Engineering and other Department staff were celebrated the Birthday of Dr. Suresh Akella, Principal at his chamber in a grand way. The teaching faculty and all other staff greeted him to celebrate many such days and guide them for many more years. Dr Suresh Akella is an outstanding Professor having extraordinary experience in research and teaching.



He explains, demonstrates and inspires both faculty and students. He loves learning, having patient and caring all. He is having belief that, those struggling with self-belief, the sky is the limit and reach hard work and persistence.

#### 6. Class Room Quality at Sreyas

All class rooms are provided with

- Class room has been built in 3:4 width to length ratio for greater flexibility in furniture arrangement and for better sight lines.

- Provided with movable superior quality benches with book keeping rack
- Built to use maximum day light and lighting system in the class has been designed to avoid eye fatigue by avoiding light reflection from the blackboards.
- Easy access of faculty and students to control of light fixtures
- Sufficient passage between rows for student and/or faculty movement.
- Each class room has been monitored by means of surveillance cameras to avoid incidents of classroom violence or undesired events such as ragging.
- Each class room designed for 72 students capacity
- Floors are well laid with quality tiles which doesn't require toxic for cleaning and hence promotes for good indoor air quality.
- The first row of student seating is at a distance of 1.5 times the width of the projection screen
- Faculty instruction space (dais) is more than 80 square feet for comfortable lecture.
- Class room walls are arranged with photos of eminent personalities of the concerned science/ technology
- Knowledge display posters are displayed on walls
- 2' x 1' size class room display board has been provided at entrance of the class for sticking/pining timetable, etc.
- Each door leaf size is more than 3 feet as per ADA standards
- Each door has been equipped with a vision panel made of shatter proof glass and tinted to reduce light transmission.
- Easy sliding curtains are provided to all windows
- Class rooms were built in such a layout that the no noise reaches from adjacent class rooms.
- Class rooms were built away from vehicle traffic, visitors, playgrounds and noise making equipment such as generators.



## 6. Curriculum Gaps



Date: 25-06-2019

TO  
The Registrar,  
JNTUH Kukatpally,  
Hyderabad.

Dear Sir,

Sub: Gaps in curriculum-revision of JNTUH prescribed syllabus request – reg.

Based on the gaps identified in the curriculum by our college alumnus, subject experts and also on the recommendations of the industry people, we request for the following changes in the curriculum of the Mechanical Engineering in the following subjects.

Gaps: Proposal for SCILab in place of MATLAB.

As the SCILab is an open source software and easily accessible to students is recommended to incorporate this Lab for Mech Engineering. The lab has to be named as CADD and SCILab in place of CADD and MATLAB for III B.Tech II Semester.

Hope that this amendment may be made by the earliest as having separate MATLAB software for Mechanical Engineering is not affordable for the institutions and students to have all time access for gaining expertise in this software skills attainable by Mechanical Students.

With thanks,

Copy to:

Chairman-BOS, JNTUH

H.O.D, Mech, JNTUH

Principal-SIET

9-39, Sy No 107, Tattiannam (V), G.S.I. Bandlaguda, Nagole, Hyd., T.S. - 500 068 (INDIA)  
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In the recent Department meeting held at Principal chamber and the feedback received from alumnus, subject experts and industry people, it has been decided to recommend the University for few changes in curriculum of the Mechani-

cal Engineering in CADD and MATLab.

## 7. EDITORIAL BOARD

1. Mr. A C S Reddy, Assoc. Professor
2. Mr. K.Sainath, Assoc. Professor

2. Mr. V.Ramakrishna, Asst. Professor
3. Mr. K.Rajasekhar, Asst.Professor
4. Mr.Balu IV B.Tech Student coordinator