

## ABOUT SCALE

It came up as an idea from students belonging to various engineering institutions in India. Together this team came up with an idea to make something more interesting happen for the students wherein they could learn and get more from the regular teachings.

And so was the STUDENT CONSORTIUM for ADVANCEMENT & LEARNING in ENGINEERING EDUCATION made to come into existence. Wherein IUCEE played a major role to support the entire idea. SCALE now also stands as a member of IFEES.

### VISION

To foster and establish students as means of transforming pedagogy and praxis of engineering education.

### MISSION

To improve engineering education, in tandem with academia and industry, through empowering and fostering students as means of positive change in local societies, imbued with pragmatic efforts aimed at creating holistic value.

“SCALE” in partnership with IUCEE is running with the primary agenda of:

- Achieving a strong and potential student membership, where in students all over the country can network, collaborate and contribute towards engineering education

and development, while carrying forward the ethos of the organisation.

- Conduct & implement successful & value creating student oriented workshop.
- Establish a strong collaboration with industry simultaneously, providing a sustainable support to the student community.
- Partner with, and establish stable and potential industry collaborators, to work simultaneously with the students, providing them with hands on technical and industrial support wherever needed.

## ABOUT IUCEE

Indo Universal Collaboration for Engineering Education (IUCEE) was conceptualized by over 150 leaders of engineering education and businesses from US and India in 2007. The name was modified in 2016 from Indo US Collaboration for Engineering Education to reflect the more global nature of the collaborations. IUCEE is one of the founder members of IFEES (International Federation for Engineering Education Societies), which was the primary facilitator for the growth and development of IUCEE.

The vision of IUCEE is to improve the quality and global relevance of engineering education and research in India with related benefits to engineering educators around the world. The major focus is on faculty development, student development, curriculum development, as well as improved teaching technologies & engineering education research.

## AP CONSORTIUM WORKSHOP

The AP Consortium Workshops is a 3-day tailor made event exclusively for Andhra Pradesh state Engineering Institutions. Student's come together forming teams, working on problem statements & ideas based on a Theme & various Tracks, later developing action plans (solutions), which can be implemented providing life size solutions.

With trained facilitators from SCALE for the workshop to be hosted by any institution. The students get to learn a lot from various activities, debates, brainstorming sessions, discussions and much more. With primary focus on Engineering Education with help of Project Based Learning and Outcome Based Education.

Fun activities are always a part of these amazing workshops. Students later can also be a part of the SCALE Annual Conference.

### Theme & Tracks (2018 – 19)

Theme: 21<sup>st</sup> Century Grand Challenges in Engineering

Track 1: Energy

Track 2: Infrastructure & Development

Track 3: Advanced Learning