



## **SESSION REPORT**

**(AY-2017-18)**

The academic year 2017-18 was probably the most important one for our society. From organizing various trips to places like the Lok-Sabha, Paharpur business center (healthiest building in Delhi), Republic day parade and Pawan Hans heliport to organizing the grand ASME e-fest Asia-Pacific, we as a society surely exceeded the expectations.

We also organized various workshops and guest lectures to develop technical skills and competitive strategies in the society members. These include the seven day long automotive week, aerospace workshop of three days, workshop on Solid works and IAS workshop, to name a few.

We hardly ever charged any money from them for the workshops or the trips. Our sources of money were; the registration amount of the students (to join the society), sponsors like Unique Shiksha, Boeing, Gail to name a few.

### **PARLIAMENT**

We have now been going to the Parliament for the last two years. And every time, the experience has been worth it. Coincidentally, the days when we went there, our nation was amidst two of the most important laws in our nation's history. Discussion on GST in 2017 and on Triple Talaq in the next session (although later in the same year).

While some parties supported it others opposed. Lok Sabha passed The Muslim Women (Protection of Rights on Marriage) Bill, outlawing talaq-e-biddat. And we the members of ASME-DTU were among the few ones who witnessed such an event.



## **PAHARPUR BUSINESS CENTER**

Industrial Revolution is a double edged sword which encourages progress, leading to improvement in our lifestyles but at the cost of our environmental health. Thus, in an effort to spread awareness about our environment, ASME-DTU organized an industrial trip to BreatheEasy Consultants Pvt Limited at Nehru Place on 25th August 2017.

Breathe-Easy Consultants Pvt Ltd (BE), rated one of the healthiest building in Delhi, is India's first full-service Indoor Air Quality (IAQ) provider. From Efficient Ventilation and Electricity Consumption to Greenhouse Purification System, BE displayed how modern engineering is our way to a better future. With BE, the students not only got to know the most advanced, efficient and sustainable engineering practices but also witnessed the real life applications of the same.

The trip was an insight into the importance of our environment and outlines ASME-DTU's commitment to helping engineers in making this a better world.



## **REPUBLIC DAY PARADE**

ASME organized for its members, a trip to watch the magnificent Republic Day parade on 26th January 2018.

The members reached the ground around 8 AM and the event started at 9 with Hon'ble Prime Minister of India, Shri Narendra Modi putting a floral wreath at the Amar Jawan Jyoti. This was followed by the arrival of the caravan of Hon'ble President of India, Shri Ram Nath Kovind along with the chief guests. Flag hoisting and National Salute with 21 gunshots followed the turn of events.

India flaunted its military prowess and cultural diversity through the moving tableaux in the parade.

The highlight of the iconic parade was a team of Border Security Force (BSF) women who performed daredevil stunts on a motorcycle, receiving a standing ovation from the spectators. Finally, the Indian Air Force displayed its aerial command with the veteran jets making an

appearance over the heads of the amazed onlookers. The trip was really exciting for the members which filled their heart with pride and patriotism and craving to attend the grand event next year.



### **PAWAN HANS HELIPORT**

ASME-DTU organized for its members a visit to India's first ever Heli-Expo at the Pawan Hans Heliport in Rohini.

The first part of the visit was the inauguration of the Expo. The program was inaugurated by Minister of Tourism for Uttarakhand Sh. Satpal Maharaj and Mr. B.P. Sharma, CMD, Pawan Hans in the presence of numerous other guests. The session comprised of numerous discussions and addresses on the condition of the airways industry in India, its growth and its shortfalls.

Proceeding the first hangar, the attendees witnessed a plethora of helicopters of different payloads and utilities. Experts guided the attendees around the hangar, alongside informing them of the various capabilities of each machine and acquainting them with their various parts. They also witnessed a live test flight of one of the many high payload helicopters on display.

The last part of the trip included addresses by CEOs if companies directly involved in the helicopter industry including that of the Royal Bhutan Helicopter Service.

The trip proved truly exciting and educational for all DTU students who attended, leaving them hungry for more!



## **AUTOMOTIVE WEEK**

ASME DTU has a habitual legacy of instilling pragmatic knowledge in their fellow members so that they don't just end up being a bookworm but also get a practical perspective on their subject matter.

In light of the same, ASME-DTU organized an Automotive Week from 4th to 8th September 2017, wherein, students were imparted with detailed knowledge about the working of the variety of Automotive Parts of Vehicles. Experts, from various tech teams, were invited to give an elaborate and practical knowledge regarding the diverse world of the vehicle. Be it Engine, Brakes, Chassis, Differential, Suspension everything was discussed in great depth with numerous applications of the same. In order to review the knowledge, a quiz and a feedback session were also held on the last day.

With this, we bid adieu to an enthralling Automotive Week which witnessed an impeccable participation, particularly from freshmen, and we hope to carry this legacy forward.



## **AEROSPACE WEEK**

ASME DTU, conducted an unprecedented series of workshops, under Aerospace Week with a flair to unleash the minds of the students to Aerospace and Quadcopter.

It was an eye opener for the inquisitive young minds. The focus of the workshop was to give a holistic view on:

- Aerospace
- Composites
- Quadcopter and Aeromodelling

Members of various tech teams led the charge and illuminated different concepts of aircraft and quad with real life models with utmost sincerity. Furthermore in depth knowledge about Glider Designing, Airfoil Analysis, Quad Assembly and many more fun topics added another layer of icing over the cake.

We at ASME-DTU always strive to bring something new and this was another account of our intent and we hope to carry this legacy forward.



## **ASME E-FEST**

The ASME E-Fest Asia Pacific was held in DTU from 16th to 18th March 2018. The fest includes multiple events to satiate young engineers' competitive spirit!

From HPVC to Old Gaurd, competitions saw tough contest and put on showcase the spirit of engineering.

The campus also saw performances by JCB's 'Dancing Diggers', which had the audience hooked throughout!



E-Fest 2018 presented for the first time ever, a performance of a kind never seen before. JCB Dancing Diggers overwhelmed the participants in three days of awe and astonishment!

ASME E-Fest Asia Pacific 2018, March 16-18. Be there!

The Dancing Diggers were brought to the campus by [JCB India Limited](#), the Entertainment Sponsor of E-Fest Asia Pacific 2018.



