

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**Annual Report 2017-18**

**1. Academic achievements:**

- Kalpesh Sontakke has achieved all India First rank at examination conducted by NPTEL on Introduction to Airplane performance.
- Sixteen students have secured admission in MS program abroad.
- Total 10 students appeared and passed examination conducted by NPTEL.

**2. Collaborative/MOUs':**

- MoU was signed with Perpetual Gravity Labs Pvt. Ltd., Navi Mumbai.
- MoU was signed with Indian Biodiesel Corporation, Baramati, Pune.

**3. Department Initiatives:**

- Department organised guest lecture series under Industry-Institute Interaction with Wartsila India Private Limited on topics – IC Engines 4 stroke (January 30, 2018), IC Engines 2 stroke (February 20, 2018) and Automation (March 13, 2018) – for third year and final year students.
- Department organised student development program on Ansys-Finite element analysis software and impartent training on alternate Saturdays for total duration of 30 hrs in Januray-February 2018.
- Special attention was given for weaker students to improve results of some subjects like Mathematics and Thermodynamics of Third semester. The results show improvement of 10% and 27% increase respectively.

**4. Academic/technical achievements of students:**

- A Team of 25 members of mechanical engineering students represented at BAJA Student India 2016 at Indor, MP from January 22-30, 2018.





- Mr. Mudassir Suhail from T.E. (Mechanical) has attended Master Trainer Workshop under SAGY, Workshop ON PKKVVY-TI, Pune on January 19, 2018.
- A team of 6 members of third year mechanical engineering students are qualified for national level competition ‘GOKART’ at Coimbatore, Kerala during February 9-19, 2018.

#### 5. Cultural/sports achievements:

- Mr. Mudassir Suhail (T.E. Mech) has attended National Integration Camp, Ahmedabad, Gujarat in the month of September 2017.
- Aditya Patil (BE Mech), Rajat Mahadik (SE Mech) and Zahid Waghu (SE Mech) won bronze medal in relay at national level athletics competition held at VJTI Mumbai on 11th December 2017.
- Aditya Patil (BE Mech) and Rajat Mahadik (SE Mech) got 4th position in relay at national level athletics competition held at K J Somayya College of Engineering, VidyaVihar Mumbai on 11th December 2017.
- Our college cricket team lead by Aditya Patil (BE Mech) finished as runner up in the inter college season bell cricket tournament organised by SIES GST at cross-maidan CST on 1st Feb 2018.

#### 6. Faculty achievements/Research grants:

- Prof. Lokpriya Gaikwad published paper in international journal Institution of Engineers Series-C, (Springer), Vol. 98, No. 1, in October 2017.
- Prof. Ganesh Kadam and Prof. Onkar Potadar presented paper in international conference COPEN-10, IIT Madras, Chennai, 6-9th December 2017.
- Prof. Ganesh Kadam and Prof. Onkar Potadar presented paper in international conference iCMMD 2017 at MIT Aurangabad, 11-12 December 2017.
- Dr.Kaustubh Chavan published paper in Optik - International Journal for Light and Electron Optics, Volume 147, Pages 373-384, October 2017.
- Dr.Kaustubh Chavan and Dr. Pradip Patil presented paper in international conference ATSMDE at VJTI Matunga, 21-22 December. 2017.

#### 7. Seminars/workshops/industry visits organised by departments:

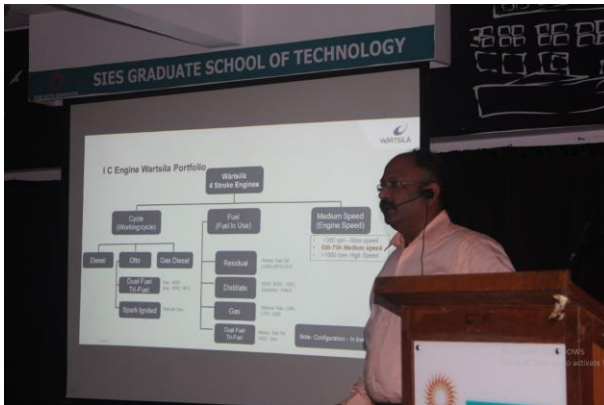
- A SDP was organized for final year Mechanical Students on topic ‘Project Selection’ by Mr. Prakash Garud - an Industrial consultant on October 07, 2017.

- An ISTE/AICTE approved one week STTP in association with SMC Pneumatics Ltd. was organized for all Mechanical Faculties on ‘Mechatronics and Industrial Automation’ from 1-5 Jan 2018.



- A SDP was organised for training students on ‘Ansys - a finite element analysis software’ on alternate Saturdays for total of 30 hours duration in January-February 2018.
- A SDP was organized for third year and final year mechanical students consisting of series of seminars on ‘4 stroke IC Engine’ by Mr. Sachin Pathak from Warstila Ltd. on 30 January 2018, ‘2 stroke IC Engine’ by Mr. Shekkey Prince Asirvatham A from Warstila Ltd. on 28 February 2018, and ‘Electrical and engine automation’ by Mr. Mandar Birje from Warstila Ltd. on 23 March 2018.





### 8. Seminars/workshops/FDPs attended by department faculty:

- Prof. M. Ali Ansari participated in two days FDP Program on ‘Mechatronics and Instrumentation’ organized by SMC, Belapur, Navi Mumbai, 18-19 September, 2017.
- Dr. Kautubh Chavan and Prof. Ganesh Kadam participated in one day seminar on ‘Importance of ONGC in Ensuring Energy Security for Sustaining Economic Growth’ by School of Business UPES Dehradun, 3rd November 2017.
- Dr. Kautubh Chavan participated in one week QIP Short Term Course on ‘Renewable Energy’ by VJTI Mumbai, 25th-30th December 2017.
- Prof. Ganesh Kadam and Prof. M. Ali Ansari participated in one week QIP Short Term Course on ‘Advanced Manufacturing Processes & Management Practices’ by VJTI Mumbai, 23rd-28th December 2017.
- Mechanical department all faculties participated in ISTE/AICTE approved one week STTP in association with SMC Pneumatics Ltd. was organized for all Mechanical Faculties on ‘Mechatronics and Industrial Automation’ from 1-5 Jan 2018.

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