



K.K. Wagh Education Society's

K.K. Wagh Institute of Engineering Education and Research, Nashik.

Department of Mechanical Engineering

Vol.: 1, Issue:6

Semester II of AY 2018-19

TECHNICAL NEWS LETTER

Semester II of AY 2018-19

■ Vision of the Department

To impart quality education to the students in the areas of Mechanical Engineering and expose them to the world of work

■ Mission of the Department

M1: To impart analytical skills through adequate exposure to theory.

M2: To provide exposure to engineering practices.

M3: To inculcate professional ethics and provide necessary inputs for the development of overall personality.

It's a great pleasure to present our newsletter for the semester II of AY 2018-19. Department of Mechanical Engineering has been consistently endeavoring to upgrade the skills and performance of students and staff members through various ventures.

■ Expert Lectures Organized

- Mr. Sambhav Mutha, System Validation Engineer NIO, San Jose California, guided the students about Career Guidance on 12th January 2019.
- Mr. Hemant Patil, CEO, Inspire Institute Nashik, guided the students about Student Re Engineering on 15th February 2019.

■ FDP/STTP/Workshops Organized or Attended:

- Two Day Workshop was organized on "Condition Monitoring & Fault Diagnosis" from 28th December 2018 to 29th December 2018. Resource Persons: 1.Mr. Sanjeev Kamble, Sr. Engineer, RCF Ltd. Mumbai. 2.Mr. Hemant Bari, LM Condition Monitoring society of India 3.Mr. Afaque Memon & Mr. Prashant Jambolkar, Amil Ltd.
- Prof. R.D.Rakhade attended Two days workshop on "Industrial Engineering" at SNJB Chandwad, from 21st December to 22nd December 2018.
- Prof. V.D.Nichit attended Two days workshop on "Industrial Engineering" at SNJB Chandwad, from 21st December to 22nd December 2018.
- Prof. V.K.Patil attended International workshop on "Industrial Tribology" at AVCOE Sangamner, from 15th January to 19th January 2019.
- Prof. A.S.Patil attended International workshop on "Industrial Tribology" at AVCOE Sangamner, from 15th January to 19th January 2019.
- Prof. N.S.Dixit attended Syllabus Implementation workshop on "Advance Manufacturing Process" at PCCOE, Ravet Pune, on 11th January 2019.
- Prof. P.B.Surwade attended Syllabus Implementation workshop on "Energy Engineering (2015 Course, BE)", on 11th January 2019.

- Prof. N.S.Dixit attended Syllabus Implementation workshop on "Mechanical System Design" at SNJB, Chandwad, on 14th January 2019.
- Prof. P.B.Kushare attended Syllabus Implementation workshop on "Mechanical System Design" at SNJB, Chandwad, on 14th January 2019.
- Prof. R.V.Bhandare attended Syllabus Implementation workshop on "Mechanical System Design" at SNJB, Chandwad, on 14th January 2019.
- Prof. S.V.Kadhbhane attended Syllabus Implementation workshop on "Solar and Wind Energy" at Zeal Engineering College Narhe, Pune, on 16th January 2019.
- Prof. R.D.Rakhade attended Syllabus Implementation workshop on "Industrial Engineering" at AVCOE Sangamner, on 23rd January 2019.
- Prof. A.S.Patil attended Syllabus Implementation workshop on "Industrial Engineering" at AVCOE Sangamner, on 23rd January 2019.
- Prof. R.V. Bhandare attended Syllabus Implementation workshop on "Tribology" at AVCOE Sangamner, on 23rd January 2019.



Workshop on "Condition Monitoring & Fault Diagnosis"

■ Publications in Journals:

- Prof. A. S. Patil, Dr. P. B. Kushare and Shubham Modi, Shoeb Mansuri, Vaishnavi Lad (Students) published a paper entitled "Design and Development of Novel Configuration of Steering Knuckle for an All Terrain Vehicle (ATV)" in Journal of Advancements in Material Engineering, Vol-3, Issue-3, December 2018.

■ Publications in Conferences:

- Prof. A.S.Patil published a paper entitled "A review of experimental tribological investigations of piston ring with laser surface textured dimples" at the International Conference "Triboindia-2018"



Organized by VJTI, Mumbai and Tribology Society of India, from 13th December 2018 to 15th December 2018.

- Prof. V.K.Patil published a paper entitled "Failure Analysis of Agriculture Turbochargers High Speed Shaft and Bearing" at the International Conference "Triboindia-2018" Organized by VJTI, Mumbai and Tribology Society of India, from 13th December 2018 to 15th December 2018.
- Dr. P.B.Kushare published a paper entitled "Study of surface roughness effect on the performance of multilobe hybrid journal bearing" at the International Conference "Triboindia-2018" Organized by VJTI, Mumbai and Tribology Society of India, from 13th December 2018 to 15th December 2018.
- Prof.R.V.Bhandare and Shivani S. Shahane, Nikita S. Rasate, Dhanashree D. Rane, Priya D. Chakor (Students) published a paper entitled "To Analyse Effect of Various Parameters on Pipe While Bending" at the International Conference "Triboindia-2018" Organized by VJTI, Mumbai and Tribology Society of India, from 13th December 2018 to 15th December 2018.

■ Industrial Training:

- Prof.S.V.Kadhbhane completed Industrial training in Nayan Fabrication, from 15th November to 29th November 2018.
- Prof.N.S.Dixit completed Industrial training in Nayan Fabrication, from 16th November to 30th November 2018.
- Prof.P.D.Ahire completed Industrial training in Vedant Engineering Services, from 16th November to 30th November 2018.
- Prof.A.R.Patil completed Industrial training in Welcut Precision Engineering, from 16th November to 30th November 2018.
- Prof.R.V.Bhandare completed Industrial training in Precision Engineering Company, from 27th November to 11th December 2018.
- Prof. N.V,Patil completed Industrial training in Janak Industries,XI-39,MIDC Ambad, From 28th November to 12th December 2018.
- Prof.M.R.Pardeshi completed Industrial training in Progress Engineers, from 27th November to 11th December 2018.
- Prof.A.D.Bhagure completed Industrial training in Precision Engineering Company, from 27th November to 11th December 2018.
- Dr.S.D.Barahate completed Industrial training in Akash Industries, from 26th November to 10th December 2018.
- Prof.P.K.Kavale completed Industrial training in Cognifront Research Lab, from 19th November to 3rd December 2018.
- Prof.V.D.Nichit completed Industrial training in MSL Drive Line System, from 1st December to 15th December 2018.

- Prof.P.B.Ranade completed Industrial training in MSL Drive Line System, from 1st December to 15th December 2018.
- Prof.S.S.Kale completed Industrial training in City Centre Mall, from 24th November to 8th December 2018.
- Dr.M.N.Shelar completed Industrial training in City Centre Mall, from 24th November to 8th December 2018.
- Prof.P.R.Beldar completed Industrial training in Press Tool Engineering, from 29th November to 13th December 2018..
- Prof.P.S.Pillai completed Industrial training in Press Tool Engineering, from 29th November to 13th December 2018.
- Prof.G.R.Rayjade completed Industrial training in JBM Auto Limited, from 27th November to 11th December 2018.
- Prof.R.V.Bhaskar completed Industrial training in JBM Auto Limited, from 27th November to 11th December 2018.
- Prof.C.D.Valunj completed Industrial training in JBM Auto Limited, from 27th November to 11th December 2018.
- Prof.S.D.Mate completed Industrial training in Vikrant Tool Company, from 29th November to 13th December 2018.
- Prof.M.V.Bhadak completed Industrial training in Astra Laser Tech, from 26th November to 10th December 2018.
- Prof.Y.V.Borse completed Industrial training in RS Eco Renewable Energy System, from 1st December to 15th December 2018.
- Dr.P.B.Kushare completed Industrial training in Dahanu Thermal Power station, Dahanu, Palghar, from 15th April to 30th April 2019.
- Prof.V.K.Patil completed Industrial training in Dahanu Thermal Power station, Dahanu, Palghar, from 15th April to 30th April 2019.
- Prof.A.S.Patil completed Industrial training in Dahanu Thermal Power station, Dahanu, Palghar, from 15th April to 30th April 2019.

■ Industrial Visits:

Several industrial visits were organized during the semester for enhancing the conceptual understanding of the students. Industries like Sahyadri Farm, NTPS Thermal Power Station, Confio Engg. Solutions pvt. Ltd, Rising Sun Die casting Pvt.Ltd, GTPS, Uran, Raigad, MSRTC, Regional Workshop, Nashik, Rothe Erde India,Igatpuri, etc. were visited. Prof.P.B. Ranade, B.S.Dalvi, S.V.Kadhbhane, N.S.Dixit, P.B. Surwade, N.V.Patil, S.S.Kale, V.S.Patil, B.G.Patil, A.S. Patil and Dr.S.D.Barahate assisted and guided the students during the visits.

Department Events:

- A two day Technical Event “MEC HEAVEN 2019” was organised by Mechanical Engineering Department, KKWIEER, Nashik on 22nd & 23rd March, 2019.
- MECHEAVEN 2019 event was organised for the Under Graduate and Diploma Students of various Engineering Colleges to enhance their practical and soft skills. Also to enrich their managing skills. Total 18 Technical and Non Technical events like Roborace, Black Tie, Art O Motion, Bike Mania, Poster Competition, Treasure Hunt, Buzz Roadies were conducted within two days in which near about 500 students have participated enthusiastically.



“MEC HEAVEN 2019”

