



K.K. Wagh Education Society's

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

Department of Mechanical Engineering

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Semester II of AY 2017-18

TECHNICAL NEWS LETTER

Semester II of AY 2017-18

■ 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 2017-18. Department of Mechanical Engineering has been consistently endeavoring to upgrade the skills and performance of students and staff members through various ventures.

■ Expert Lectures:

- Mr Satish Pagar (M&M Satpur Nashik) delivered an expert talk on the topic "Advance Product Management System" on 6th Jan 2018.
- Jayesh Pai (Access CADD Nashik) delivered an expert talk on the topic "Indusrtly 4 and Design Philosophy" on 9th Jan 2018.
- Dr Nihar Walimbe (PVG Engg College Nashik) delivered an expert talk on the topic "Cryogenics" on 10th Jan 2018.
- Roopali Ghosavi (Durvankar Nashik) delivered an expert talk on the topic "Software Training Course" on 10th Jan 2018.
- Dr. Khushare P B (KKWIEER, Nashik) delivered an expert talk on the topic "Ethical Practices : Seminar Preparation" on 27th Jan 2018.
- Mr. Vishal Wagh (A LED lights Manufacturing Co. Waluj, Aurangabad) delivered an expert talk on the topic "Effective time Management in work life" on 30th Jan 2018.
- Mr. Shirish Medhi (Ravi Estate, Thane) delivered an expert talk on the topic "Climate Change" on 15th Feb 2018.
- Mr. Vinu Kumar R (HAL Ozar) delivered an expert talk on the topic "Recent Boom in Aviation Sector" on 16th Feb 2018.

■ FDP/STTP/Workshops Organized or Attended:

- Syllabus Implementation Workshop on "Design of Machine Elements-II" (T.E. Mech. 2015 Course) was organized on 8th Jan 2018 for Nashik & Ahmednagar Region.
- One day workshop on "Recent Practices in Refrigeration System" was organized by ISHRAE, Nashik for TE Mechanical students on 8th Feb 2018.

- Two days workshop on "Recent Developments in Power Sector: Technology and Policy" was organized at KKWIEER, Nashik. From 14th to 15th Feb 2018.
- One day workshop on "Advance Mobility" was organized for SE Mechanical students on 23rd Feb 2018. Resource Person: Mr. Binu Thomas Flips, Bangalore.
- Prof.S.V.Kadbhane attended A Two week ISTE Approved STTP on Model Based Design in Applications of Engineering & Science using "MATLAB & SIMULINK" at SKNCOE, Sinhadgad. From 4th to 15th Dec 2017.
- Prof.M.R.Pardeshi attended STTP on "Industrial Tribology" at VJTI, Mumbai. From 11th to 15th Dec 2017.
- Prof.A.D.Bhagure attended STTP on "Industrial Tribology" at VJTI, Mumbai. From 11th to 15th Dec 2017.
- Prof.V.G.Galande attended FDP on "Fuzzy Logic and its Applications" held at KKWIEER, Nashik. From 11th to 15th Dec 2017.
- Prof.R.V.Bhaskar attended FDP on "Fuzzy Logic and its Applications" held at KKWIEER, Nashik. From 11th to 15th Dec 2017.
- Prof.P.B.Ranade attended FDP on "Fuzzy Logic and its Applications" held at KKWIEER, Nashik. From 11th to 15th Dec 2017.
- Prof.P.D.Ahire attended FDP on "Fuzzy Logic and its Applications" held at KKWIEER, Nashik. From 11th to 15th Dec 2017.
- Prof.P.K.Kavale attended Two Days National Level Workshop on "Mathematical Modeling & MATLAB Implementaion" at Pune. From 22nd to 23rd Dec 2017.
- Prof.R.V.Bhandare attended STTP on "Industrial Tribology" at VJTI, Mumbai. From 11th to 15th Dec 2017.
- Prof.P.P.Gangurde attended Training on "Autoform software in Autoform Engineering" at Hyderabad, Telangana. From 5th to 15th Jan 2018.
- Prof.V.K.Patil attended A two day workshop on "Artificial Intelligence: Research and Application" at Production Engineering, Department KKWIEER, Nashik. From 6th to 7th Jan 2018.
- Prof.A.S.Patil attended A two day workshop on "Artificial Intelligence: Research and Application" at Production Engineering, Department KKWIEER, Nashik. From 6th to 7th Jan 2018.
- Prof.N.S.Dixit attended Workshop on "Recent Developments in Power Sector: Technology and Policy" at KKWIEER, Nashik. From 14th to 15th Feb 2018.

- Prof.M.N.Shelar attended MNRE (Govt. of India)sponsored training on " Solar PV Rooftop" at Nashik. From 5th Mar to 9th Mar 2018.
- Prof.S.S.Kale attended MNRE (Govt. of India) sponsored training on " Solar PV Rooftop" at Nashik. From 5th Mar to 9th Mar 2018.
- Prof.P.K.Kavale attended One Week Faculty Development Program on "MECHATRONICS AND INDUSTRIAL AUTOMATION" at College of Engineering Pune (Under QIP). From 26th to 30th March 2018.
- Prof.V.G.Galande attended Train the trainer workshop on"Flipped Learning" at K.J.Somaiya, Mumbai. From 23rd to 26th April 2018.
- Prof. C.S.Mhasde attended International Trade show "Global exhibition on Services" at Bombay Exhibition center, Andheri, Mumbai. From 15th to 18th May 2018.



Syllabus Implementation Workshop for DME II TE Mech. (2015 course)



Two days workshop on "Recent Developments in Power Sector."

■ Publications in Journals:

- Prof. P.R.Beldar published a paper entitled "Auto centering of seamless pipe for NDT using Three Guide Roller FLD Technique" in IJ: IJTIMES/ISSN: 2455-2585/Vol: 04 Feb 2018
- Prof. N.S.Dixit, Prof. V.V.Khond and Prof.P.K. Kavale published a paper entitled "A Review on Effect of Cryogenic Treatment on Tool Steel" in IJ :(IJTIMES) e-ISSN: 2455-2585 Impact Factor: 3.45 (SJIF-2015), Volume 4, Issue 03, March-2018
- Prof. V.D.Nichit published a paper entitled "Experimental Investigation and Validation of Natural Frequency of Rectangular Plates and Lap Joints" in IJ: IJRIER, e- ISSN: 2456 – 2084, Volume:

03 Issue: 03 March – 2018 (IJRIER).

- Prof. V.S.Patil published a paper entitled "Local heat transfer for jet impingement on a concave surface including injection nozzle length to diameter and curvature ratio effects" in IJ : Science Direct : Experimental Thermal and Fluid Science Volume 92, April 2018, Pages 375-389

■ Publications in Conferences:

- Prof. N.S.Ahirrao published a paper entitled "Dynamics & vibration measurements in engines" at International Conference on Materials, Manufacturing and Design Engineering (iCMMMD2017) 11 Dec 2017.
- Prof. P.B.Kushare published a paper entitled "Performance of non-Newtonian lubricated worm 2 - lobe slot entry restrictor bearing system" at 9th International Conference on industrial Tribology, Kolkatta Dec 2017.
- Prof. S.V.Kadhbhane published a paper entitled "Experimental Investigation of natural convective Heat Transfer From vertical rectangular fin array at different angle of inclination" at International Conference on Advancement in Engineering, Applied Science and Management -ICAEASM-2018

■ Industrial Visits:

Several industrial visits were organized during the semester for enhancing the conceptual understanding of the students. Industries like Sahyadri Agro Farm, S.T.Work-shop, Thermal Power Plant, Eklahare, Tee Jet Technologies (Godavari Agro Products), Nashik Engineering Cluster, Ambad, ISRO Bangalore, Metaforge Engg. Pvt. Ltd, Shamala Eletroplating, Shree Engineering, B- CATMA, Shalaka Shaft, J. M. Engineering, Unique Heat Treatment, Quality Induction, Mungi Brothers etc. were visited. Prof. S.S.Kale, P.B.Ranade, S.V.Kadhbhane, V.D.Nichit, P.K.Kavale, M.V.Bhadak, S.D.Mate, P. R. Beldar, P.P.Gangurde, R.V.Bhaskar, G.R.Rayjade, P. R. Rahane, and V. G. Galande assisted and guided the students during the visits.

■ Department Events:

A two day Technical Event "MEC HEAVEN 2018" was organised by Mechanical Engineering Department, KKWIEER, Nashik on 22nd & 23rd March, 2018.



"MEC HEAVEN 2018"

