



K.K. Wagh Education Society's

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

Department of Mechanical Engineering

Vol.: 1, Issue:5

Semester I of AY 2018-19

TECHNICAL NEWS LETTER

Semester I 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 I 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

- Mrs. Kanchan M Joshi, delivered an expert talk on the topic "How to interview" on 26th June 2018.
- Mr. Pramod Daspute, External Faculty PCRA, Khadak-Pada Kalyan, delivered an expert talk on the topic "Energy Conservation and Audit" on 18/08/2018.
- Mr. Sagar Laddha, Business Analyst, Varoc Engineering Pvt. Ltd, Aurangabad, delivered an expert talk on the topic "7 Habits of highly effective people" on 6/10/2018.
- Mr. Sandip Rajat, Tech Lead, John Dere SAE Highway Board, delivered an expert talk on the topic "SAE TIFAN" on 25/8/2018.

■ FDP/STTP/Workshops Organized or Attended:

- Workshop organized on "Learn English on Chat" on 6th & 7th July 2018. Resource Person: Mr. Apoorv Gokhale and Team, Words Maya, Pune.
- Syllabus Implementation Workshop on "CAD-CAM & Automation" (B.E. Mech. 2015 Course) was organized on 16th July 2018 for A'Nagar and Nashik Region.
- Syllabus Implementation Workshop on "Hydraulics and Pneumatics" (B.E. Mech. 2015 Course) was organized on 16th July 2018 for A'Nagar and Nashik Region.
- Workshop organized on "Aptitude & Attitude Training" on 27th July 2018, Resource Person: Mr. Kiran Derle.
- Prof. A. S. Patil attended STTP on "Application of MATLAB in Mechanical Engineering Analysis" at IITRAM, Ahmedabad, Gujarat from 2nd July to 7th July 2018.

- One day workshop was organized on "Design: Connector between creativity and Innovation" on 8th Sept 2018 in association with IET Nashik Local Network. Resource Person: Mr. Dinesh Shirsat – CEO, Hexagon Dynamics, Nashik.
- One day workshop was organized on "Advances in Heat Transfer" on 17th November 2018. Resource Person: Dr. P. W. Deshmukh, Dr. S. B. Sonawane and Prof. S. V. Kasar.



Workshop on "Design: Connector between creativity and Innovation"



Syllabus Implementation Workshop on "CAD-CAM & Automation" and "Hydraulics and Pneumatics"

■ Publications in Journals:

- Prof. N. V. Patil and Prof. R.D. Rakhade published a paper entitled "Experimental Analysis of Tribological Behaviors of Submersible Pump Thrust Bearing using Taguchi Method" in Journal of Emerging Technologies and Innovative Research (ISSN-2349-5162)
- Prof. N. V. Patil and Prof. R.D. Rakhade published a paper entitled "Design and Manufacturing of Automated Agricultural Irrigation System" in International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) Volume 4, Issue 8, August-2018, e-ISSN: 2455-2585.

■ Industrial Training:

- Prof. C. S. Mhasde completed Industrial training in SP-TBI, Mumbai From 27th Sept to 28th Sept 2018.

■ Industrial Visits:

Several industrial visits were organized during the semester for enhancing the conceptual understanding of the students. Industries like Janak Industries, Shree Engineers, Shirke Electroplating Private Ltd., Kadawa Sugar Factory, Shivam Technoplast, Shamala Electroplaters, Water Treatment Plant, Thermal Power Station, Nashik, Technoshell Automation Private Ltd, Epiroc India Ltd., Reliable Auto Private Ltd (Plant 2), Vaitarna Hydropower Station, Mahindra and Mahindra Ltd. Igatpuri, Ashoka Tyres, MSRTC Workshop etc. were visited. Prof. M.R. Bahiram, P.D.Ahire, V.V.Khond, S.S.Kale, P.P.Gangurde, S.Y.Naukarkar, S.D.Mate, P.B.Ranade, C.S.Mhasde, G.R.Rayjade, P.K.Kavale, P.R.Beldar, Y.V.Borse, R.V. Bhaskar, B.S.Dalvi, P.B.Surwade, V.D.Nichit, R.V.Bhandare and Dr.P.B.Kushare assisted and guided the students during the visits.

■ Achievements:

■ Faculty:

Prof. S. D. Barahate has completed Ph.D. Degree in Mechanical Engineering Department of IIT Bombay. The title of thesis is "Experimental Investigation of Film Cooling Performance for the Inclined Trench and Large Diffuse Angle Injection"

■ Student:

Team "NEMESIS" stood first at virtual round of *GOKART DESIGN* at IF9GKC 2018, Bhopal. Rahil Mansuri, BE Mechanical Runner Up in 'Present Around The World' Event organized by IET at London November 2018.

