



K.K. Wagh Education Society's

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

Department of Production Engineering

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Semester I of AY 2015-16

TECHNICAL NEWS LETTER

Semester I of AY 2015-16

It's a great pleasure to present our newsletter for the semester I of AY 2015-16. Department of Production Engineering has been consistently endeavoring to upgrade the skills and performance of students and staff members through various ventures.

■ Expert Lectures Organized

- Ten expert lectures were organized on various topics during the semester to enhance the learning experience of students and staff members of the department. Eminent personalities from various fields of life imparted guidance on useful topics.
- Mr. Manohar Bhagwat, Senior Relay Instructor, Mahindra & Mahindra Igatpuri delivered an expert talk on "TPM Awareness" on 4th July 2015. Students were made aware of importance of quality in manufacturing.
- On 11th July 2015, Krishna Dhan das of ISKCON Nasik motivated the audience for orienting lifestyle towards success by balancing all the aspects of life like physical, social, professional and spiritual.
- Mr. Rajesh Pusadkar gave guidance for project selection and commencement to the students on 17th July 2015.
- Shri Zaverchand Lalka threw light on importance of soft skills for education and career success on 25th July 2015.
- Mr. Dhawal Thakkar guided the students about finite element analysis on 1st Aug 2015.
- Mr. Rahul Mahajan, Deputy General Manager, Mahindra & Mahindra, Nasik guided the students about the significance of Digital Solutions for Manufacturing Engineering and Challenges in Automobile sector on 8th Aug 2015.
- Mr. Gokul Vasant Mahajan of Mahindra Ugine steels was invited on 26th Aug 2015 to deliver an expert talk on "Bridging the gap between Graduates & Employable Graduates" to inspire students to improve their employability.
- Mr. Jayesh C S Pai informed the audience about Productivity improvement in Engineering Industries on 04-9-2015.
- Mr. Sunil Dhatingan and Mr. Vaibhav Shelke were available on 11th Sep 2015 and 3rd Oct 2015 to highlight the importance of Lean Manufacturing. Participants gained awareness of the applications of lean concepts in all walks of life.

■ Industrial Visits

Ten industrial visits were organized during the semester. Staff and students visited various industries like Aditya Foundry Pvt. Ltd., Kedar Enterprises,

Dahanukar Machine Tools, Hind Steel Products, SAI Industries, Mahalaxmi Metals, Pioneer Industries, J.P. Enterprises, Summit Engineers and Consultants Pvt. Ltd. and Rhythmsoft Robotics & Automation Pvt. Ltd.

Students were able to enrich their conceptual understanding through observation of practical applications in industry.

■ Staff Contributions and Achievements

Staff members of the department were active in research work and published their work in various International and national journals and conferences. Also, some projects received grants from recognized agencies like AICTE and SPPU, Pune.

■ Achievements

- Dr. P. J. Pawar received grant of Rs. 5, 88,000 from AICTE, New Delhi, under AICTE MODROB scheme.
- Dr. P. J. Pawar and S. B. Gunjal received grant of Rs. 1, 70,000 from S. P. U., Pune for the project entitled "Experimental Investigations with Magnetic Abrasive Finishing (MAF) processes for nano-metric surface finish of hard to machine Metals".
- Dr. V. D. Wakchaure, guided by Dr. K. N. Nandurkar, was awarded PhD for his thesis entitled "Performance enhancement of industries through analysis of integrated manufacturing practices".

■ Publications in Journals:

- Dr. K.N. Nandurkar and Dr. P. J. Pawar published a paper entitled "Dynamic machine layout for press tool operations using real coded genetic algorithm" in International Journal of Metaheuristics with ISBN 1755-2184.
- Dr. S. R. Gangurde published a paper entitled "Segmentation based product design using preferred features" in Benchmarking: An International journal with ISBN 1463-5771.

■ Publications in Conferences:

- Dr. P. J. Pawar published a paper entitled "Minimization of Wire Breakage in Wire Electric Discharge Machining of EN-19" in 4th International Conference on "Advance Trends in Engineering, Technology and Research" (ICATETR-2015).
- Dr. P. J. Pawar published a paper entitled "Cutting fluid selection for cylindrical grinding of glass fiber reinforced plastic material" in International Conference on Mechanical & Production Engineering.

Prof. Dr. K. N. Nandurkar, Principal



"Chief Editor - Prof. A. B. Bhusnar."