



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 2017-18

TECHNICAL NEWS LETTER

Semester I of AY 2017-18

It's a great pleasure to present our newsletter for the semester I of AY 2017-18. 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

- Eight expert lectures were organized on various topics during the semester to enhance the learning experience of students and staff members of the department.
- Mr. Amol Walhe Project Manager and Mr. Deepak Kale, Design Engineer, Access –CADD, Nashik guided the students about “How to plan Career in E-R&D Using CAD CAE Software” on 1st Jul 2017.
- Mr. Deepak Kulkarni delivered a talk on “Practical Exposure of Industry work for upcoming Engineers” on 8th Jul 2017. Students became aware of real life industrial work from the talk.
- Mr. Shankarji Nagapure State Head of Yuva Bharat Patanjali Nashik explained to the youth the Importance of Yoga for Youth on 18th Jul 2017. Students were motivated to practice yoga daily.
- Mr. Sunil Mule of Robochamps Learning Hub, Nashik emphasized the importance of robotics through his expert talk on “Application of robotics in Production Engineering” on 22nd Jul 2017.



- Mr. Pradeep Sharma of J P Enterprises presented “Design and Development of Industrial System” through his expert talk on 29th Jul 2017.
- Mr. Deepak Dattatraya Kolhatkar, Manager - Plant Administration, Thyssen Krupp, Nashik alerted the participants about road safety issues and challenges on 5th Aug 2017 and inspired to follow the road safety rules to avoid mishaps.

- Mr. Sandip Borse and Amol Walhe of Access –CADD, Nashik informed the participants about the Career Opportunities with CATIA- BIW on 31st Aug 2017
- Mr. Santosh Jadhav, Deputy Manager, Mahindra and & Mahindra, Nashik delivered an expert talk on the topic “Advance Product Management System” on 16th Sep 2017.



■ Industrial Visits:

14 Industrial were organized during the semester to various industries. Staff and students visited various industries in and around Nashik like Dinanath Enterprises Ltd., Shamala Electroplaters Ltd., Tushar Udyog, Indian Tools, J. P. Enterprises, MSRTC Workshop, Sahyadri Agro Farm Co. Ltd., Om Metal Works, Aditya Foundry Pvt. Ltd., Alcast industries, Radhey Forging Pvt. Ltd. and Thermal power plant. The visits proved very helpful for practical understanding of theoretical aspects.





■ Student Achievement

- Suraj Singh and Nagesh Shukla of Production Engineering participated in Harmony Youth International Festival at Karnal, Haryana on 21 to 28 Oct. 2017.

■ Staff Activities

Staff members of the department were active in research work and published their work in various International and national journals and conferences.

■ Publications in International Journals:

- Prof. Dr. P. J. Pawar published a paper entitled "An application of TOPSIS for selection of appropriate e-Governance practices to improve customer satisfaction" in Journal of Project Management with DOI: 10.5267/j.jpm.2017.7.002, Vol. 2, pp. 93-106.
- Prof. Dr. P. J. Pawar published a paper entitled "Improving the quality characteristics of abrasive water jet machining of marble material using multi-objective artificial bee colony algorithm" in Journal of Computational Design and Engineering with DOI: 10.1016/j.jcde.2017.12.002, Vol. 5 (3), pp.319-328 (Elsevier).
- Prof. Dr. P. J. Pawar published a paper entitled "Material Flow Optimization of Production Planning and Scheduling Problem in Flexible Manufacturing System by Real Coded Genetic Algorithm (RCGA) in Flexible Services and Manufacturing Journal with DOI: 10.1007/s10696-018-9310-5 and available online, In-Press (Springer).
- Prof. Dr. S. R. Gangurde published a paper entitled "Benchmark Product Features using Kano - QFD approach: a Case Study" in Benchmarking: An International journal with DOI 10.1108/BIJ-08-2016-0131(ISSN: 1463 - 5771), Vol. 25, No. 2, pp.450 - 470, 2018.
- Prof. M. Y. Khalkar published a paper entitled "Improving the quality characteristics of abrasive water jet machining of marble material using multi-objective artificial bee colony algorithm" in Journal of Computational Design and Engineering with DOI: 10.1016/j.jcde.2017.12.002, Vol. 5 (3), pp.319-328 (Elsevier)

■ Publications in National Journals:

- Prof. Dr. K. N. Nandurkar and Prof. Dr. P. J. Pawar published a paper entitled "Manufacturing excellence for Sustainability: Indian scenario" in Annual Technical Volume of Production Engineering Division Board of IE (I), Volume2, 2017, pp. 27-34.

■ Publications in Conference:

- Dr. K. N. Nandurkar published a paper entitled "Proposed model of Entrepreneurship Development Cell at KKWIEER, Nashik" in international conference at 48th Annual meeting of DSI: Innovative decision making-Research to Practice, Washington Hilton, Washington DC, USA during November 18-20, 2017.

- Dr. P. J. Pawar published a paper entitled "Optimization of Single Supplier Multi Buyer Multi Product Supply Chain System" in 46th SME North American Manufacturing Research Conference, NAMRC 46, Texas, USA, 18-22 June, 2018, (Organizer: Texas A&M University, USA).
- Dr. S. R. Gangurde published three papers entitled "Experimental Investigation and Optimization of wire drawing processes parameter", "Selection of Welding Processes to weld mild steel using technique for order preference by similarity to ideal solution method" and "Extrusion die material selection using Graph Theory and Matrix Approach" in International Conference on Manufacturing and Industrial Engineering, pp.56, 14-16 Sep. 2017. Organised by Indian Institution of Industrial Engineering and MGM's Jawaharlal Nehru Engineering College, Aurangabad.

Prof. Dr. K. N. Nandurkar, Principal

