



K.K. Wagh Education Society's

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

Department of Mechanical Engineering

Vol.: 1, Issue:9

Semester I of AY 2020-21

TECHNICAL NEWS LETTER

Semester I of AY 2020-21

■ Vision of the Department

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

■ Mission of the Department

M1: To impart analytical skill 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 2020-21. 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. Deepak Gadhia Entrepreneur in Clean Tech Sector delivered an expert talk on the topic "Concentrated Solar Power", on 31st July 2020.
- Joseph Jude, Chief Technology Officer, Net Solutions, delivered an expert talk on the topic "Building a career amidst a pandemic", on 3rd September 2020.
- Mr. Ranjeet A Patil, Lead Engineer, Quest Global Engineering, Bangalore, delivered an expert talk on the topic "Use of numerical simulation FEA in current industrial application scope and opportunities", on 4th September 2020.
- Mr. Hemant Bari, Board Member, Condition Monitoring Society of India, delivered an expert talk on the topic "Importance of condition based maintenance in industry 4.0", on 6th September 2020.
- Mr. Binu Thomus, Project Manager, delivered an expert talk on the topic "Peeping into Data Science: Data could be misleading?", on 8th September 2020.
- Harshali Ghule, Ph.D. Scholar center for USE, IIT Bombay, delivered an expert talk on the topic "Multidisciplinary career opportunities after B.E.", on 11th September 2020.
- Mr. Aniket Bagde, Consultant, delivered an expert talk on the topic "Lean Manufacturing", on 14th September 2020.
- Shoeb Mansuri, Manufacturing Engineer, delivered an expert talk on the topic "The Role of GD&T in the age of Smart manufacturing", on 15th September 2020.

- Mr. Balasaheb Budhekar, Design Engineer, delivered an expert talk on the topic "Introduction to self driving car", on 17th September 2020.
- Mr. Kiran Patil, Sr. Consultant SME, delivered an expert talk on the topic "Introspect in the area of industry 4.0: Trends, Skills & Career Opportunities", on 23rd October 2020.
- Dr. Udaisingrao Bhapkar, Professor, delivered an expert talk on the topic "Fluid Flow and Heat Transfer aspect of synthetic jets", on 4th November 2020.

■ FDP/STTP/Workshops Organized or Attended:

- Three days online workshop was organized on "Creo 3.0" From 17th August 2020 to 19th August 2020. Resource Persons: Mr. Sumant Borade, Mr. Komal Patil (Business Head).
- Two days online workshop was organized on "ANSYS" From 24th August 2020 to 25th August 2020. Resource Persons: Mr. Sumant Borade, Mr. Sachin Kakade (Business Head).
- Two days online workshop was organized on "Advances in Heat Transfer" From 18th September 2020 to 19th September 2020. Resource Persons: Dr. S. B. Sonawane, Dr. P. W. Deshmukh, Dr. S. V. Kasar, Dr. S. L. Borse.
- One day online workshop was organized on "Concepts and Practices for Energy Efficiency Improvement" on 7th November 2020, Resource Person: Dr. S. D. Barahate, Dr. V. S. Patil, Dr. M. N. Shelar and Prof. S. S. Kale.

Department Faculties have attended (more than 123) online FDP, STTP & Workshops at State, National and International level.

■ Publications in International Journals:

- Prof. P.B.Ranade published a paper entitled "Implementation of DMAIC methodology in green sand-casting process" IJ: Materials Today: Proceedings /Elsevier/27 November 2020 / ISSN 2214-7853
- Prof. V.K.Patil published a paper entitled "Influence of Die Surface Roughness (Ra) on Manufacturing Ni-Cr" in IJ: Journal of SeyBold Report/ ISSN NO: 1533-9211/ VOLUME 15 ISSUE 7 2020
- Prof. V.K.Patil published a paper entitled "Multiple Attribute Decision-Making (MADM) Method for Material Selection in High Speed Engineering Application" in International Journal of Advanced Science and Technology, Vol. 29, No. 9s, (2020), pp. 7443-7454



- Prof. P.R.Beldar published a paper entitled "Retrofitting of Scooter using Electrical Power Pack" in IJ: International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020
- Prof. Y.V.Borase published a paper entitled "Design of Pipe Notching Machine" in IJ: International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 8 Issue VII July 2020
- Prof. G.R.Rayjade published a paper entitled "Measurement System Scrutiny using Gage R&R: Case Study" in IJ: International Research Journal of Engineering and Technology (IRJET) / e- Volume: 07 Issue: 06 | June 2020, ISSN: 2395-0056, p-ISSN: 2395-0072
- Prof. M.P.Panchbhai published a paper entitled "Design of Helmet Cooling System Modules and their Comparison" in International Journal for Research in Applied Science & Engineering Technology (IJRASET) /ISSN: 2321-9653; Volume 8 / Issue VI June 2020
- Prof. C.D.Valunj published a paper entitled "Design, Modification and Analysis of a Fixture used for Assembly of Steering Knuckle and Stub Axle" in International Journal for Research in Applied Science and Engineering Technology, Volume 8 Issue IX Sept 2020, pp. 330-336