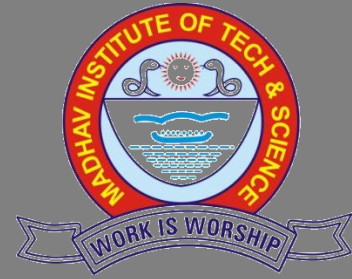


E-Newsletter

Department of Mechanical Engineering



Jan-Mar 2018
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Madhav Institute of Technology &
Science, Gwalior-474005

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Faculty Outreached

- **Dr. C.S. Malvi**, delivered a lecture on Solar energy: Advances and opportunities for sustainable development at Multanilal Modi College Modinagar, Meerut (Feb 2, 2018).
- **Dr. C.S. Malvi**, chaired a physical science session at Subharti university, Meerut (Feb 2, 2018).
- **Dr. C.S. Malvi**, delivered a lecture on Solar energy: Advances and opportunities for sustainable development at Subharti university, Meerut (Feb 2, 2018).
- **Dr. Amit Aherwar**, delivered a lecture on Introduction to Rapid Manufacturing: 3D Printing and Rapid Prototyping at Manav Bharti University, Himachal Pradesh (Jan 20th, 2018).
- **Dr. Dharmendra Jain, Prof. Utkarsh Srivastav, Prof. Ajay Singh Rajput, Prof. Deepak Kumar, Prof. Krishan Kumar Yadav, Prof Subash Chand Pal, Prof. Sumeet Kumar Singh**, attended Faculty Induction Program at IIT Hyderabad during 25th-29th Jan, 2018.
- **Prof. Shubham Srivastava**, attended Faculty Induction Program at IIT Kanpur during 09th-13th Feb, 2018.
- **Prof. Vaibhav Shivhare**, participated in BAJA SAEINDIA organised by SAEINDIA at NATRAX Facility of NATRIP in Pithampur, M.P. during 25th-28th Jan, 2018

Editorial Team

- Dr. Amit Aherwar
- Prof. Bhupendra Pandey

Activity Organized

1. Department has organized a one day workshop on the '**Multi Physics Simulation Capability of ANSYS**' on 24th Feb, 2018. Total 24 participants were registered.
2. An Expert lecture was conducted on "**Advanced Manufacturing System**" on **27th march 2018**. The lecture was delivered by Prof. S.P Tiwari, Professor, IIT (Bhu) under TEQIP-III.
3. Organized a **one week AICTE-QIP** sponsored faculty development programme on "**Optimization Techniques and its Engineering Applications**" at MITS Gwalior, March **15th-19th, 2018**. Total 30 participants were registered.
4. Organised one day workshop on "**Net Zero Energy Building**" at Mechanical Engineering Department on **20th Mar 2018**. The lecture was delivered Prof. Roshini Udyavar Yehuda under TEQIP-III sponsored by TEQIP-III. Total 30 participants were registered.



Students Achievement & Activities

- 51 Students qualified in **GATE** examination 2018.
- 04 Students qualified in **CAT** examination.
- 30 Students placed in Accenture Company.
- 01 Student placed in Capgemini Company.
- 02 Student placed in Britannia Company.
- 04 Student placed in Indian Oil-Adani Gas Pvt. Ltd
- 35 Student placed in TradeIndia Research.
- 04 Student placed in Asahi India Glass Ltd.
- 01 Student placed in BYJU's.
- Baja 2018: The dynamic round was held in NATRIP pitampura, indore during 25th – 31st Jan 2018, Team "ADVAIT" 24 members.



- **International Go Kart Championship 2018:** The championship was held at Lovely Professional University, Jalandhar during the last week of March (i.e. 23th-26th March 2018). Team Bravo: 20 members.
- Team "**ADVAIT**" was participated in a national level competition EcoKartseries session-5, 2018, which is to be held in Gautam Buddha University, Gr Noida,(NCR) Region during 24th – 27th March 2018.

Publications

- Nikhil Mittal, Jitendra Bhartiya, CS Malvi, Design, Simulation and Economic Analysis of on Grid Solar PV System for Educational Institute in North India, Journal of Alternate Energy Sources and Technologies, 8(2): 64-74.
- Manoj kumar Gaur, "Exergy analysis of evacuated tube solar collectors: a review" International Journal of Exergy. 2018 25(1): 54-74.
- Dinesh Kumar Kasdekar, "Artificial neural network models for the prediction of MRR in Electro-chemical machining" Materials Today: Proceedings. 2018, 5: 772-779.
- Dinesh Kumar Kasdekar, "Mathematical and Prediction Modeling of Material Removal Rate for Evaluating the Effects of Process Parameters" Springer, Singapore. 2018: 509-523.
- Dinesh Kumar Kasdekar, "Principal component analysis to optimize the ECM parameters of Aluminium alloy" Materials Today: Proceedings. 2018, 5: 5398-5406.
- Saurabh Agrawal, Manoj kumar Gaur, Dinesh kumar Kasdekar, Sharad Agrawal, "Optimization of machining parameters of hard porcelain on a CNC machine by Taguchi and RSM method" International Journal of Engineering, Science and Technology. 2018 10(1): 13-22.

