

Awards to Faculty

- Punjab Science Academy Conferred “Young Scientist Award” to Dr Gurpreet Singh, Assistant Professor, Mech. Engg. on 19th Punjab Science Congress (7-9 February, 2016) at SUS group of Institutions, Tangori, Mohali, Punjab.
- Dr. Gurpreet Singh, Assistant Professor, MED was awarded as “Best Programme Officer” NSS at Punjabi University, Patiala for the year 2013-14 on 16 January, 2015.
- Dr. Chandan Deep Singh, Assistant Professor, Department of Mechanical Engineering was awarded as “Young Faculty in Engineering” by Venus International Foundation on May 9, 2017.

Books Published

- **Chandan Deep Singh and Jaimal Singh Khamba**, Manufacturing Competency and Strategic Success in Automobile Industry, **CRC Press, Taylor and Francis**, US/UK, 2019
- **Harvinder Singh Dhaliwal** and Amandeep Singh Wadhwa, Modern Approach to Workshop Technology-II, **Modern Publisher, 2012 (2nd Ed.)**.
- Harmesh Kumar Kansal and **Harvinder Singh Dhaliwal**, Elements of Mechanical Engineering, Modern Publisher, 2010 (2nd Ed.), 2011 (3rd Ed.).
- **Chanpreet Singh**, Convective Heat Transfer in Porous Media for Energy Storage, 2009, **VDM Verlag**, ISBN-10: 3639198441, ISBN-13: 978-3639198447
- **Vinod Verma**, Achieving Bussiness Excellance through Total Productive Maintenance A Case Study of Indian Automotive Manufacturing Company, **2012, LAP LAMBERT Academic Publishing, Germany**. ISBN 978-3-659-20346-6.
- Harsimran Salaria, **Dharmpal Deepak and V. K. Gupta**, Mechanical Behaviour of Sisal fibre Reinforced HDPE Composites, **2013, LAP LAMBERT Academic Publishing, Germany**, ISBN-978-3-659-50695-6
- **J. S. Dureja**, Condition based maintenance of steam turbine in Thermal Power Plant, **2013, LAP LAMBERT Academic Publishing, Germany**, ISBN-978-3-659-50430-3.
- **Khusdeep Goyal**, Industrial Automation & Robotics, 4th Edition, **2013, S. K. Kataria & Sons, New Delhi**, ISBN: 978-93-5014-474-9
- **Khusdeep Goyal**, Computer Aided Design & Manufacturing, **2013, S. K. Kataria & Sons, New Delhi**, ISBN: 978-93-5014-471-8.
- **Kanwarpreet Singh and Inderpreet Singh Ahuja**, “Manufacturing performance enhancement through TQM-TPM Paradigms”, **LAP LAMBERT Academic Publishing, Germany**. (ISSN NO.: 978-3-659-17185-7), pp 357. **March 19 2014**
- **Pragat Singh and Inderpreet Singh Ahuja**, “Achieving Manufacturing Excellence through TQM-TPM Paradigms”, **LAP LAMBERT Academic Publishing, Germany**. (ISSN NO.: 978-3-659-55734-7), pp 101. **June 2014**
- Mandeep Kaur, **Kanwarpreet Singh and Inderpreet Singh Ahuja**, “Analyzing synergetic effect of TQM-TPM Paradigms on Business Performance”, **LAP LAMBERT Academic Publishing, Germany**. (ISSN NO.: 978-3-659-20012-0), pp 93. **July 2014**
- Manish Garg, Ashish Singla and **Vinay Gupta**, “Analysis of Creep in Functionally Graded Composite Cylinder”, **LAP LAMBERT Academic Publishing, Germany**. (ISBN- 978-3-659-69594-0), pp 89., **April, 2015**.
- Gurinder Singh and **Inderpreet Singh Ahuja**, “Evaluating Just in Time Implications in Indian Manufacturing Industry”, **LAP LAMBERT Academic Publishing, Germany**. (ISBN- 978-3-659-69970-2), pp. 249, **July, 2015**.
- **Chanpreet Singh** and Beant Singh , “Experimental Study on Heat Transfer in Porous Media”, **Partridge Publishing**, ISBN: 978-1-4828-5244-8 (soft cover)
- **Khusdeep Goyal** and Deepak Bhandari, Industrial Automation & Robotics, 5th Edition, **2013, S. K. Kataria & Sons, New Delhi**, ISBN: 978-93-5014-474-9

Courses Organized:

Short Term Courses

Department has organized two STC's in Collaboration with National Institute of Technical Teachers Training and Research, Chandigarh as follows:

- STC on 'Green Manufacturing' from 03/02/2020 – 07/02/2020
- STC on 'Sustainable Environmental Management' from 10/02/2020 – 14/02/2020

Refresher Course

Department has organized 25th Refresher Course-Mechanical Engineering in Collaboration with Academic Staff College, Punjabi University, Patiala from May 14 – June 2, 2012.

Projects at Department

S. No.	Title of Project	Funding Agency	Period	Grant Mobilized (Rs)	Principal Investigator
1.	Steady State Creep in Functionally Graded Cylindrical Pressure Vessel: Theoretical and Finite Element Analyses	UGC	2009-2011	9.79 Lac	Dr. Vinay Kumar Gupta, Professor
2.	Investigations on producing cost effective rapid investment castings using rapid prototyping technology	UGC	2012-2014	1.70 Lac	Er. Parlad Garg, Assistant Professor