Dr. SANDEEP AGRAWAL

Professor & Dean of student`s welfare

Hindustan College of Science and Technology
MATHURA-281122

Contact: +91-9568006065/+91-8279709850

Email: sandeep.agarwal@sgei.org

Qualification	:	Ph.D. (IIT-ISM, Dhanbad), M.E. (Agra University), B.E. (A.M.U. Aligarh)
Department	:	Mechanical Engineering
Experience (Academics/Industry/Research)	:	22 Years
Research Interest	:	Composite Material (Tribology, Impact analysis)
PhD Supervising	:	01
BTech/MTech/MPhil Dissertation supervised		B.Tech. : 20
Sponsored Research Project / Consultancy	:	Nil
Research Publications	:	Journal : 07 Conference : 09

Journals (SCI/SCOPUS) :

- Nishant Singh, **Sandeep Agrawal,** Dilip johari, Yashvir Singh, Predictive analysis of surface roughness in argon-assisted EDM using semiempirical and ANN techniques. **SN Applied Sciences A Springer Nature journal (2019) 1:995 ISSN: 2523-3971**

- Nishant Kumar Singh, **Sandeep Agrawal**, **[2018]**, Experimental investigation of process parameters in nitrogen assisted EDM of En 19 steel**. International Journal of Applied Engineering Research ISSN 0973-4562 13, 165-169 (SCOPUS).**

- Nishant Kumar Singh, **Sandeep Agrawal,** Raj Vardhan **[2018]**. Experimental Study and Parameter Optimization of Hybrid Electrical Discharge Machining. **International Journal of Engineering &Technology 7, 1161-1167 (SCOPUS).**

- **Sandeep Agrawal**, K. K. Singh, P. K. Sarkar **[2018]**, Comparative investigation on the wear and friction behaviors of carbon fiber reinforced polymer composites under dry sliding, oil lubrication and inert gas environment, **Materials Today: Proceedings 5(1), 1250-1256, (2018) Elsevier (SCOPUS) (Citation 2).**

- **Sandeep Agrawal**, K. K. Singh, P. K. Sarkar **[2016]**, A comparative study of wear and friction characteristics of glass fibre reinforced epoxy resin, sliding under dry,oil-lubricated and inert gas environments, **Tribology International** 96 (2016) 217–224

Elsevier, (Thomson Reuters Impact factor: 2.257) (Citation 25).

- **Sandeep Agrawal**, Kalyan Kumar Singh, PK Sarkar. **[2014]** Impact damage on fibre-reinforced polymer matrix composite – A review. Journal of Composite Materials .**Editor-in-Chief: Prof H. Thomas Hahn, UCLA, USA, (SAGE Journals)(Thomson Reuters Impact factor: 1.257)(Citation 101).**
- Anurag Bajpai, **Sandeep Agrawal**, Suruchi. Mechanical Properties of Epoxy Resin Based Polymer Concrete, International Journal of Mechanical Engineering and Technology (IJMET), ISSN 0976 –6340(Print), ISSN 0976 – 6359(Online) Volume 3, Issue 1, January-April (2012), pp. 267-276 **Journal Impact Factor (2011): 1.2083** (Calculated by GISI).

Conference :

- Anshul Jain, **Sandeep Agrawal,** K. K. Singh, P. K. Sarkar, Comparative Study of Wear and Friction Behavior of CNT Filled CFRP and Unfilled CFRP Composite Laminate under Dry Condition. **National Conference on Recent Advancement in Industrial Tribology and Maintenance (RAITM)-2017** held on February 10th- 11th, 2017 at NIT Rourkela.

- Suruchi, **Sandeep Agrawal**. Towards carbon neutrality and environmental sustainability of Mechanical engineering department, Hindustan college of science and technology, Mathura, India. **30th International conference** of ICC, 11-13 June 2011 held at Hotel Windsor Suits, **Bangkok, Thailand**.

- Nishant Singh, Puneet Mangla, **Sandeep Agrawal**. An investigation of surface Roughness of En9 steel in Dry Turning Operation Using Taguchi Method. Published in proceedings of **International Conference** on Agile Manufacturing Systems, at **IIT, BHU, Varanasi,** India, 16-19 Dec. 2012.

- Nishant Singh, Yashvir Singh, **Sandeep Agrawal.** Forecasting of Optimum Drilling Parameter on Surface Roughness of Al-Al_2O_3 Metal Matrix Composite. Published in proceedings of **International Conference** on Innovative Technologies in Mechanical Engineering at KIT, Ghaziabad, India, August 2012.
- Rajesh Bajaj, Kamal Sharma, **Sandeep Agrawal.** Surface Finish Optimization in Honing. **National Conference** on Recent Trends in Manufacturing Technology in January 2007 at Hindustan College of science and technology Farah, Mathura.

- A. K. Singh, R. K. Shukla, **Sandeep Agrawal.** Production planning and control systems for cellular manufacturing. **National Conference** on Recent Trends in Manufacturing Technology in January 2007 at Hindustan College of science and technology Farah, Mathura.

- Suruchi, **Sandeep Agrawal**, Anurag Bajpai. Production of bio-diesel by various edible and non edible oils and their characterizations. **National Conference** on Recent Advances in Mechanical Engineering 8-9 June 2012 at Hindustan College of science and technology Farah, Mathura.

- Nishant Singh, Yashvir Singh, **Sandeep Agrawal**. Design and Development of Robotic

Arm. **National Conference** on Recent Advances in Mechanical Engineering 8-9 June 2012 at Hindustan College of science and technology Farah, Mathura.

- **Sandeep Agrawal**, Analysis of emissions from waste-oil produced bio-diesel/diesel fuel blends. **National Conference** on Recent Advances in Mechanical Engineering 8-9 June 2012 at Hindustan College of science and technology Farah, Mathura.

Achievements		
Membership of Professional Bodies	:	LMISTE, ISAMPE