

Hindustan College of Science & Technology

NH-2, Agra - Mathura Highway, Farah, Mathura - 281122, UP

Faculty Profile Template



Brief Profile:

Dr. Puneet Mangla is working as Associate Professor and Head of Mechanical Engineering Department at Hindustan College of Science and Technology, Farah, Mathura, India. He has rich academic, research and industrial experience of more than 28 years. He earned his B.E. from Karnataka University in 1995, M.Tech. from Dayalbagh Educational Institute (Deemed University), Agra in 1998 and Ph.D from SOET, IGNOU, New Delhi in 2019. His research areas includes Production Engineering, Industrial Engineering, Artificial Neural Networks, Non Conventional Manufacturing Techniques.

He has published number of research papers in various international and national journals and has also presented various research papers in international and national conferences.

He has also guided six M.Tech students. His subjects of expertise are Machine Design, Advance Welding Technology, Non-destructive Testing, and Production Engineering.

He has been awarded prestigious "Production Engineering Divisional award" for his research paper published in journal of Institution of Engineers.

He has been awarded "Shreshtha Shikshak Puruskar" for year 2009-10 by SGI.

He has been awarded "Silver Medal in National Taekwon-do championship."

Other Details

Name	DR. PUNEET MANGLA
College Name	HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY, MATHURA.
Department Name	MECHANICAL ENGINEERING
Designation	ASSOCIATE PROFESSOR AND HEAD

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Experience	More than 28 Years. Presently working in Hindustan College of Sc. & Tech. since January 2005. Also worked at BSA College of Engg. & Tech., Mathura and Purisons Engineers Pvt. Ltd., Delhi.
Qualification	PhD (SOET, IGNOU, New Delhi), M.TECH. (DEI, Agra), B.E. (Karnatak University).
Area of Interest	Industrial and Production Engineering
Skill sets & Expertise	Production and Design.

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Research and Publications

EDITOR / REVIEWER OF JOURNALS

Working as Executive Editor and Reviewer of "*International Journal of Advance Manufacturing Systems (Published by ISPE, USA)*"

BOOKS PUBLISHED

- 1: "Industrial Energy Conservation (Volume 1)", WOODHEAD PUBLISHING INDIA PVT. LTD. (SPRINGER PUBLISHER)
- 2: "Industrial Energy Conservation (Volume 2)", WOODHEAD PUBLISHING INDIA PVT. LTD. (SPRINGER PUBLISHER)
- 3: "Wind Energy", WOODHEAD PUBLISHING INDIA PVT. LTD. (SPRINGER PUBLISHER)
4. "Energy Conservation in Textile Industry", WOODHEAD PUBLISHING INDIA PVT. LTD. (SPRINGER PUBLISHER)

CHAPTERS PUBLISHED IN BOOKS BY REPUTED PUBLISHERS

1. Title: "An Investigation of Responsiveness Impact on Productivity Improvement in Indian MSME".

Published a chapter in a Book on Trends in Manufacturing Processes (Springer Nature Singapore Pte Ltd.)

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

1. Title: "Study on Productivity Improvement in Micro Small and Medium Enterprises (MSMEs): An Application of Analytic Hierarchical Process (AHP)".

Paper published in International J. of Advance Manufacturing System (A Journal of Int. Society of Productivity Enhancement, USA), Vol. 16.

2. Title: "Analysis of various Ergonomic Hazards of Indian workers."

Paper published in International J. of Advances in Engineering Science and Technology, Vol. 05, Issue 1,

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2016, 28-32.

3. Title : "Inventory Management Performance In MSMEs : What Factors Do Influence Them?"

Paper published in Int. J. of Advance Manufacturing System, Volume 15, Issue 2, Year 2015 (Part 5) (A Journal of Int. Society of Productivity Enhancement, USA).

4. Title : "Factors Influencing the Information Technology Adoption of Micro, Small and Medium Enterprises (MSME) : An Empirical Study."

Paper published in Int. J. of Engineering Research and Applications, Volume 15, Issue 2, Year 2015, 115–123.

5. Title : "Impact Analysis of MINI BAJA Vehicle Role Cage using Finite Element Analysis."

Paper published in Int. J. of Applied Engineering Research, Vol. 6, Number 23-24 (2011), pp. 2595-2600. November 2011. (WITH IMPACT FACTOR OF 1.232)

PAPERS PUBLISHED IN NATIONAL JOURNALS

1. "Group Technology Cell Formation with Competitive Nets and Kohonen Maps" Paper published in *Journal of Computer Society of India*, December 1997.

2. "Cutting Force Estimation with Artificial Neural Network Models" Paper published in *Journal of Institution of Engineers*, Calcutta, INDIA, June 1997.

(Awarded Gold Medal Production Engineering Divisional Award for this publication by Institution of Engineers, INDIA).

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

1. "Influence of Flushing Techniques on EDM Performance of Titanium Alloy (Ti-6Al-4 V) Workpiece" Published in *proceedings of International Conference On Futuristic Trends In Materials & Manufacturing*, at Delhi Technical, Campus, Greater Noida, (U.P.) INDIA, 26-27, October, 2018.

2. "Performance Improvement of a Sugar Mill through Exergy Analysis" Published in *proceedings of International Conference on Agile Manufacturing Systems*, at SKITM, Jaipur, (Raj.) INDIA, February 2017.

3. "Analysis of various Ergonomic Hazards of Indian workers" ICIESM-2016, International Conference on Innovation in Engineering Science and Management, New Delhi, January, 2016 organized by YMCA, New Delhi.

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4. "An analysis of factors responsible for growth-enabling pillars for Indian MSMEs" Published in *proceedings of International Conference on Agile Manufacturing Systems*, at KNIT Sultanpur, (U.P.) INDIA, December, 2015.

5. "A Study of Factors Related to Supply Chain Strategy (SCS)" Published in *proceedings of International Conference on Agile Manufacturing Systems*, at Oakland University, Rochester, USA, 28-30, May, 2014.

6. "SAP-LAP Model Towards Improving the Performance of Flexible Manufacturing System: A Case Study" Published in *proceedings of International Conference On Management And Business Innovation*, at Malviya National Institute of Technology, Jaipur, (Raj.) INDIA, 18-19, May, 2013.

7. "Factors Influencing the Information Technology Adoption of Micro, Small and Medium Enterprises (MSME) : An Empirical Study" Published in *proceedings of International Conference of Agile Manufacturing*, at IIT-BHU, Varanasi, (U.P.) INDIA, 16-19, December, 2012.

8. "Inventory Management Performance in MSMEs: What Factors Do Influence Them?" Published in *proceedings of International Conference of Agile Manufacturing*, at IIT-BHU, Varanasi, (U.P.) INDIA, 16-19, December, 2012.

(This paper was graded as 2nd Best Paper).

9. "An Investigation of Surface Roughness of EN9 Steel in Dry Turning Operation Using Taguchi Method" Published in *proceedings of International Conference of Agile Manufacturing*, at IIT-BHU, Varanasi, (U.P.) INDIA, December, 2012.

10. "Study of Effect of Turning Parameters on Work Piece Hardness using Taguchi Method" Published in *proceedings of International Conference of Agile Manufacturing*, at Dayalbagh Educational Institute (Deemed University), Agra, (U.P.) INDIA, 18-20, December, 2011.

11. "A Neural Network Based Process Advisor for Hot Extrusion of Steel" Published in *proceedings of International Conference on Cognitive Systems*, organized by R&D Deptt., NIIT Ltd., at New Delhi, December, 1997.

Other than these, number of papers has been presented in National Conferences.

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Awards and Recognitions

1. Received “Shreshtha Shikshak Puruskar” for year 2009-10 by SGI.
2. Received “Gold Medal Production Engineering Divisional award” for paper published in journal of Institution of Engineers.
3. Received “Silver Medal in National Taekwon-do championship.”
4. COVID WARRIOR AWARD by Human Rights Commission (Regd.), U.P.
5. COVID WARRIOR AWARD by Human Rights Commission (Regd.), INDIA
6. Awarded as “Senior Social Worker” for my social activities/work on World NGO Day by Adrash Sanskar shalla.
7. Rudra Ratan Award (Brijbhoomi Foundation)



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Memberships	NIL
Certifications	NIL
Link to personal website/Blog	NIL

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Social links

Facebook:

Twitter:

Linkedin:

About me:

I am an aggressive and dynamic team leader with positive attitude towards life. Impossible is one word which is not there in my dictionary.