

## **CURRICULUM VITAE**

### **Dr. Pankul Goel**

S/o Shri Satyaprakash

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### **OBJECTIVE:**

To attain expertise in my field through continuous learning and to spread the knowledge gained with attitude, conduct and dedicated work.

### **TECHNICAL QUALIFICATION:**

**Ph.D. Degree (Mechanical Engineering), 2018** from Jamia Millia Islamia University, New Delhi.

**M.Tech. Degree (Mechanical Engineering), 2010** from Jamia Millia Islamia University, New-Delhi, secured 7.89 C.G.P.A.

**B.E. Degree, (Mechanical Engineering) 1993** from Siddaganga Institute of Technology, Tumkur, affiliated to Bangalore University secured 68.8% marks.

### **ACADEMIC QUALIFICATION:**

Intermediate (12<sup>th</sup>), 1987, from U.P. Board with 65% marks in P.C.M

High School (10<sup>th</sup>), 1985, from U.P. Board with 61.1% marks.

### **EXPERIENCE:**

Teaching Experience : 18 Years

Industrial Experience : 04 Years

Total Experience : 22 Years

SL NO.	TEACHING EXPERIENCE
01	Assoc.Prof. (M.E.) in IMS Engineering College, Ghaziabad affiliated to AKTU, Lucknow (U.P.) from July 2014 to Feb 2022. Worked as HoD (M.E.) for last one year.
02	Asst. Prof. (M.E.) in Vidya Engineering College, Baghpat Road, Meerut affiliated to AKTU, Lucknow (U.P.) from July 2010 to July 2014.
03	Lecturer (M.E.) in Sir Chhotu Ram Institute of Engineering and Technology, Campus of C.C.S. University, Meerut from Aug 2002 to Sept 2008.
04	Faculty (M.E.) in Radha Govind Engineering College, Garh Road, Meerut affiliated to AKTU, Lucknow (U.P.) from Oct 2001 to Aug 2002.

SL NO.	INDUSTRIAL EXPERIENCE
01	Engineer (Materials) in M/s Birla Power Solutions Pvt. Ltd., Dehradun from Jan 1997 to Jan 2000.
02	Trainee Engineer in M/s Anupam Engg. Co., Meerut from Nov 1994 to March 1996.

**SUBJECTS TAUGHT:** Engineering Mechanics, Thermodynamics, Elements of Mechanical Engineering, Strength of Material and Theory of Machines.

**LIST OF PUBLICATIONS:**

**(a) JOURNALS (SCIE)**

(i) **Pankul Goel**, Noor Zaman Khan, Zahid A. Khan, Abdulrahman Ahmar, Namrata Gangil, Mustufa Haider Abid, Arshad Noor Siddiquee. “Investigation on material mixing during FSW of AA7475 to AISI304”, Materials and Manufacturing Processes (**Publisher: Taylor and Francis**), **Impact Factor 3.046**, Print ISSN: 1042-6914 Online ISSN: 1532-2475, <https://doi.org/10.1080/10426914.2018.1544717>.

(ii) **Pankul Goel**, Arshad Noor Siddiquee , Noor Zaman Khan, Mohd Azmal Hussain, Zahid A. Khan, Mustufa Haider Abidi, Abdulrahman Al-Ahmari. “Investigation on the effect of tool pin profiles on mechanical and microstructural properties of friction stir butt and scarf welded aluminium alloy 6063”,Metals 2018, 8, 74, (**Publisher: MDPI, Switzerland**), **Impact Factor 2.117**, ISSN: 2075-4701, <https://doi.org/10.3390/met8010074>.

(iii) **Pankul Goel**, Zahid A Khan, Arshad Noor Siddiquee, Shahrul Kamaruddin, Rajeev Kumar Gupta, “Influence of Slab Milling Process Parameters on Surface Integrity of HSLA: A Multi-performance Characteristics Optimization”, International Journal of Advanced Manufacturing Technology (**Publisher: Springer London**), **Impact Factor 2.633**, ISSN: 0268-3768, <https://doi.org/10.1007/s00170-011-3763-y>.

**(b) INTERNATIONAL CONFERENCES**

(i) Gaurav Kumar, **Pankul Goel**, Mukesh Kumar, Ankit Tomer, Mohd Atif Wahid, “Role of end-milling process parameters on surface integrity of SS-304: Integrated taguchi-grey approach”, published in **Materials Today: Proceedings, Elsevier (Scopus Indexed)**, 2021.

(ii) Arshit Kapoor, Mohd Atif Wahid, **Pankul Goel**, Krishna Mohan Agarwal, Utkarsh Mohan, “3D FEM simulation on Deformation and Strain analysis for grain refinement of Mg Alloy passed through ECAP”, IOP Publishing (**Scopus Indexed**). Paper presented in 3rd International Conference on Futuristic Trends in Materials and Manufacturing (ICFTMM 2020) 7th-8th April 2021, India.

(iii) Gaurav Kumar, Ankit Tomer, Mukesh Kumar, **Pankul Goel**, Om Prakash Singh, “Optimization of turning process variables for surface integrity using taguchi technique”, IOP Publishing (**Scopus**

**Indexed**). Paper presented in 3rd International Conference on Futuristic Trends in Materials and Manufacturing (ICFTMM 2020) 7th-8th April 2021, Greater Noida, India.

(iv) Mohd Atif Wahid, **Pankul Goel**, Z.A. Khan, K.M. Agarwal, E.H. Khan, “Underwater Friction Stir Welding of AA6082-T6: Thermal Analysis”. IInd International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2020), (**Scopus Indexed**) 5-7<sup>th</sup> August 2020, Amity Noida, India.

(v) **Pankul Goel**, **Ankit Kumar Saxena**, Mohd Atif Wahid, Sachin Rathore, Nidhi Sharma, “Influence of Friction Stir Welding Parameters on Mechanical Properties of dissimilar AA 7475 to AISI 304” published in IOP Conference Series: Materials Science and Engineering. (**Scopus Indexed**). Paper presented ICFTMM 2019, held on 8<sup>th</sup> Nov 2019 at Delhi Technical Campus, India.

(vi) Bibeka Nand Pathak, **Pankul Goel**, Arunesh Chandra, “Effect of Ni-20 mg treatment and machining parameters on surface quality of Al (1–4) Fe-IV-1Si alloys”, published in **Materials Today: Proceedings, Elsevier (Scopus Indexed)**. Paper presented in ICMPC 2020 held on 21-23<sup>rd</sup> Feb 2020, GLA University, Mathura, Uttar Pradesh.

(vii) Mohd Atif Wahid, Nidhi Sharma, **Pankul Goel**, Aabir Mohsin, Ankit Singh., “Friction Stir Welding of AA 8011: Mechanical and Microstructure Behavior”, published in **Trends in Manufacturing Processes. Springer, Singapore (Scopus Indexed)**. Paper presented in ICFTMM 2018, held on 26-27<sup>th</sup> October 2019 at Delhi Technical Campus, Greater Noida, Uttar Pradesh.

(viii) **Pankul Goel**, A. W. Mohd, Nidhi Sharma, A. N. Siddiquee, Zahid A. Khan, “Effects of Welding Parameters in Friction Stir Welding of Stainless Steel and Aluminum, published in **Advances in Industrial and Production Engineering. Springer, Singapore (Scopus Indexed)**. Paper presented in FLAME 2018, held on 03-05<sup>th</sup> October 2018 at Amity University, Noida, Uttar Pradesh.

(ix) Nidhi Sharma, **Pankul Goel**, M. A. Wahid, Zahid. A. Khan, Arshad Noor Siddiquee Optimization of FSW Process Parameters During Joining of Al to Cu Using Taguchi-Based GA”, **Advances in Industrial and Production Engineering, Springer, Singapore (Scopus Indexed)**. Paper presented in FLAME 2018, held on 03-05<sup>th</sup> October 2018 at Amity University, Noida, Uttar Pradesh.

(x) Mohd Atif Wahid, Nidhi Sharma, **Pankul Goel**, Khan Z.A., Siddiquee A.N., “Temperature and Traverse Force Analysis During Underwater Friction Stir Welding”, published in **Advances in Engineering Design, Springer, Singapore (Scopus Indexed)**. Paper presented in FLAME 2018, held on 03-05<sup>th</sup> October 2018 at Amity University, Noida, Uttar Pradesh.

(xi) Arshad Noor Siddiquee, Zahid A. Khan, **Pankul Goel**, Mukesh Kumar, Gaurav Agarwal, Noor Zaman Khan, “Optimization of Deep Drilling Process Parameters of AISI 321 Steel using Taguchi Method” Proceedings of ICMPC 2014 published in **Procedia Materials Science, Elsevier**, 2014,

Vol.6, pp 1217-1225, GRIET, Hyderabad (**Scopus Indexed**).

(xii) Arshad Noor Siddiquee, S.F. Khan, Ghulam Abdul Quadir, Zahid A. Khan, **Pankul Goel**, Shahrul Kamaruddin, “Taguchi based grey relational analysis for multi-performance Optimization of slab milling process parameters”, Proceedings of ICADME-12, 2012, **Penang, Malaysia**.

#### **(c) NATIONAL CONFERENCES**

(i) **Pankul Goel**, Arshad Noor Siddiquee, Zahid Akhtar Khan, Noor Zaman Khan. “Dissimilar joining of AA7475 Aluminium alloy and AISI 304 Stainless by friction stir welding”, **IEEE sponsored conference IJARSE 7(1)**, RIMT, Bareilly, 76-84 (2018), ISSN: 2319-8354.

(ii) Arshad Noor Siddiquee, Zahid A. Khan, **Pankul Goel**, “Optimization of slab milling process parameters using Taguchi method”, Proceedings of International conference on Innovative Technologies in Mechanical Engineering (ITME-12), 2012, KIET, Ghaziabad, India.

#### **(d) BOOK/MONOGRAPH**

(i) A.N.Siddiquee, Z.A.Khan, **Pankul Goel**, “Engineering Mechanics: Problems and Solutions”, **Book** published by **CAMBRIDGE UNIVERSITY PRESS, United Kingdom**, ISBN: 9781108303897, DOI:<https://doi.org/10.1017/9781108303897>.

(ii) **Pankul Goel**, Arshad Noor Siddiquee , Zahid A Khan, “Some Studies on Surface Integrity of Machined Surfaces”, **Monograph** published by **LAP LAMBERT Academic Publishing house, Germany**, ISBN:978-3-659-18774-5 (2012).

#### **SEMINAR/FDP ATTENDED:**

(i) **AICTE Sponsored two weeks FDP** attended on “**Next Generation Materials and Manufacturing**” organized by Department of Mechanical Engineering, IMS Engineering College, Ghaziabad from 16<sup>th</sup> December 2019 to 28<sup>th</sup> December 2019.

(ii) Online FDP/Course attended on “**Principles of Metal Forming Technology**”, organized by **IIT Roorkee under NPTEL-AICTE scheme** (8 Week Course) from July 2019 to September 2019.

(iii) FDP attended on “**Advancement in Materials and Manufacturing**” organized by Department of Mechanical Engineering, IMS Engineering College, Ghaziabad from 24<sup>th</sup> July 2017 to 28<sup>th</sup> July 2017.

(iv) FDP attended on “**Advances in Thermal and Fluids Engineering Applications**” organized by Raj Kumar Goel Institute of Technology, Ghaziabad, from 4<sup>th</sup> July 2016 to 8<sup>th</sup> July 2016.

### **PROFESSIONAL RECOGNITION:**

(i) **Received Gold Medal** in FDP/Course attended on “**Principles of Metal Forming Technology**”, organized by **IIT Roorkee under NPTEL-AICTE scheme** (8 Week Course) from July 2019 to September 2019.

(ii) **Received best paper award** for the paper “Influence of Friction Stir Welding Parameters on Mechanical Properties of dissimilar AA 7475 to AISI 304” published in IOP Conference Series: Materials Science and Engineering. (**Scopus Indexed**) Presented on <sup>8th</sup> Nov 2019 in ICFTTM 2019, Delhi Technical Campus, Greater Noida.

### **OTHERS:**

(i) **Head of Criteria-1 in NBA accreditation** of Mechanical Engineering Department, IMS Engineering College, Ghaziabad.

(ii) Commenced own channel “**PG CLASSES**” on **You Tube** for subject Engineering Mechanics during outbreak of Covid 2019.

(iii) Worked as a **Reviewer** for International Conference, ITME 2019 conducted on 18-19<sup>th</sup> October, 2019 by KIET Group of Institutions, Delhi-NCR, Ghaziabad (U.P.).

(iv) Worked as **first Examination Coordinator** in S.C.R.I.E.T., campus of C.C.S. University, Meerut, from 2002 to 2004.

### **PERSONAL INFORMATION:**

Permanent Address	:	19-A, Somdutt Vihar, Meerut- 250004
Date of Birth	:	7th June 1971
Marital Status	:	Married
Language known	:	English, Hindi
Category	:	General
Strength	:	Continuous learner with positive attitude

### **DECLARATION**

I hereby declare that the above information given by me is true to my knowledge.

Date:

Place:

**(Dr. Pankul Goel)**