

KALPIT JAIN

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Address:- 4/17 NEB Housing Board,
Alwar (Rajasthan)-301001**CURRICULUM**
VITAE**Objective:**

To achieve a challenging position in professional & dynamic field where I can enhance my skills & strengths. To serve for a reputed organization and perform to my best for the welfare of the organization. To be identified as a person who takes a keen interest in harnessing maximizes the growth of the organization.

Academic Credentials:

EXAMINATION	YEAR	SUBJECT	COLLEGE	UNIVERSITY	PERCENTAGE
Ph.D.	-	Mechanical Engineering	Poornima University, Jaipur (Raj.)	Poornima University, Jaipur (Raj.)	Pursuing
M.Tech.	2015	Production Engineering	Poornima College of Engineering, Jaipur (Raj.)	R.T.U., Kota	69.5%
B.E.	2009	Mechanical Engineering	A.I.E.T.College , Alwar (Raj.)	Rajasthan University, Jaipur	67.42%

Academic Projects and Seminar:**Ph.D.**

Thesis: - The title of thesis is “Empirical Analysis of Block Chain Technology Influence on Supply Chain Management Competencies”

M. Tech. (Production Engineering)

❖ **Seminar:** - “Total Quality Management”.

❖ **Thesis:** - The topic of thesis is “An Approach to Determine the Effect of Process Parameter on Plastic Part Using Mold Flow Simulation with ANOVA”. The object of the thesis work is based on the validation of research paper published in Elsevier & finds out the parameter which effect on the output.

B. Tech. (Mechanical Engineering)

❖ **Seminar:** - “Electro-Chemical Machine”.

❖ **Project:** - “LPG Gas- Geyser”.

Professional Experience- 15 Year:

1. Name of the Institute: - Sangam University, Bhilwara (Rajasthan)

1. **Designation:** - Assistant Professor, School of Engineering & Technology
2. **Duration:** 16th Jan. 2023 to Till Now
3. **Working Area:** - (i) Project guide of B.Tech. and Diploma students (ii) Administrative and Academic work. (iii) Member of NAAC team at university level (iv) Examination conduction committee member at university level.

2. Name of the Institute: - Poornima College of Engineering, Jaipur (Rajasthan)

1. **Designation:** - Assistant Professor
2. **Duration:** 2nd July 2012 to 13th Jan., 2023
3. **Working Area:** - (i) Project guide of B.E. students. (ii) Working as a Deputy Head of Department. (iii) Member of NBA Team as College Level. (iv) Coordinator for development of new ideas for education improvement. (v) Administrative and Academic work. (vi) Member of college anti ragging committee.

3. Name of the Institute: - Siddhi Vinayak Engineering & Management College, Alwar

1. **Duration** : - 23rd September 2009 to 30 June. 2012
2. **Designation** : - Senior Lecturer
3. **Working Area:** - (i) Head of college Anti-Ragging Team (ii) Administrative and Academic work

- ❖ **Teaching Methodology:** - i) PPT, Animations ii) Videos from NPTEL or Khan academy. iii). Self-prepared Drawing and Models. iv). Use of E-books (for clarification, Data collection from the Net). v) Performing Practical. vi) Google Classroom. vii). Virtual Labs

Books Published-02:

1. Yogesh Mishra & Kalpit Jain, “Product Development & Launching”, Rajasthan Technical University, Kota Published by Jain publication, Jaipur, ISBN:978-93-84384-69-2 in year 2016.
2. Hemant Bansal & Kalpit Jain, “Laws For Engineers”, Rajasthan Technical University, Kota Published by Jain publication, Jaipur, ISBN:978-93-84384-70-8 in year 2016.

Patent/Copyright/Design-04:

1. Dr.Parth Dilipkumar Shah, Dr. Sheshang Degadwala, A. Venugopal Rao, Dr. Dewro Madhorao Pimpalshende, Prof. Ishwar Mohurley, Mr. Kalpit Jain; Blockchain Based Integrated Data Aggregation and Segmentation Framework by Reputation Metrics for Mobile Adhoc Network, Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. [Publication date: 24.02.2023; Patent Application Number-202321009122].
2. Mr. Kalpit Jain, Mr. Devendra Somwanshi, Mr. Dhananjay Kumar; A Process for

Reduction in the Shrinkage of the Product, Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. [Publication date: 02.06.2023; Patent Application Number-202311001615].

3. Mr. Devendra Somwanshi, Mr. Kalpit Jain, Mr. Ravindra Panchariya, Dr. Payal Bansal; A Process for Reduction in the Shrinkage of the Product, Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. [Publication date: 02.06.2023; Patent Application Number-202311001614].
4. MVNL Chaitanya, Armstrong Joseph J, Rashmi Saxena Pal, Santosh Kumar Rajamani, Kalpit Jain, Sheshang Degadwala; Implementation of Computational Technique for Analysis of Medical Modality Images and Machine Learning Techniques for Breast Cancer Detection [Canadian Copyright Certificate Registration Date: 08.02.2023; Canadian Copyright Certificate Registration Number-1199873].

Journal-14:

1. Kalpit Jain, and Devendra Kumar Somwanshi. "Urban Renewable Energy Resource Optimization Systems." Urban Energy Systems: Modeling and Simulation for Smart Cities (2023): 31, **John Wiley & Sons (Scopus)**
2. Payal Bansal, Kalpit Jain, Chetan Dudhagara, "Laser Processing Technologies in Electronic and MEMS Packaging for Advancement of Industry 4.0" Laser-based Technologies for Sustainable Manufacturing (2023). **CRC Press, Taylor & Francis (Scopus)**
3. Devendra Kumar Somwanshi, Vijay Prakash Sharma, Sikha Sharma, and Kalpit Jain. "A Literature Review on Mechanical Properties of Waste PET Bottle Based Fibre." In IOP Conference Series: Earth and Environmental Science, vol. 1084, no. 1, p. 012069. **IOP Publishing, 2022. (Scopus)**
4. Devendra Kumar Somwanshi, Vijay Prakash Sharma, Sikha Sharma, Kalpit Jain. "Compressive Strength of Waste PET Bottle Based Fibre." In IOP Conference Series: Earth and Environmental Science, vol. 1084, no. 1, p. 012068. **IOP Publishing, 2022. (Scopus)**
5. Vijay Prakash Sharma, Devendra Kumar Somwanshi, Kalpit Jain, Raj Kumar Satankar. "Optimization of Renewable Energy Resource-A Review." In IOP Conference Series: Earth and Environmental Science, vol. 1084, no. 1, p. 012003. **IOP Publishing, 2022. (Scopus)**
6. Vijay Prakash Sharma, Devendra Kumar Somwanshi, Kalpit Jain, Raj Kumar Satankar. "A Literature Review on Renewable Energy Resource and Optimization." In IOP Conference Series: Earth and Environmental Science, vol. 1084, no. 1, p. 012002. **IOP Publishing, 2022. (Scopus)**
7. Kalpit Jain, Jayant K. Purohit. "An Analysis of Block Chain Technology Influence on Supply Chain Management: A Review." Turkish Online Journal of Qualitative

Inquiry 12, no. 6 (2021).

8. Kalpit Jain, Devendra Somwanshi, Akshay Jain. "Effect of Process Parameter on Plastic Parts Using ANOVA with Moldflow Simulation." In International Conference on Advances in Materials Processing & Manufacturing Applications, pp. 421-429. **Springer, Singapore, 2020. (Scopus)**
9. Devendra Somwanshi, Kalpit Jain, Dhananjay Kumar. "Optimal Parameter Selection for Multi Blade Granite Block Cutting Machine Ensuring High Production." In 2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE), pp. 1-4. **IEEE, 2020. (Scopus)**
10. Kalpit Jain, Dr. Jayant K. Purohit "A Review on Supply Chain Management with Block Chain" Dogo Rangsang Research Journal, ISSN: 2347-7180, Vol-10 Issue-06 No. 3 June 2020, P.No. 216-222, DOI : 10.46528/DRSRJ.2020.V10I06N03.27 (**UGC Care**)
11. Kalpit Jain, Dr. Jayant K. Purohit "Barriers of Supply Chain Management in industry-A Review" Juni Khyat, ISSN: 2278-4632, Vol-10 Issue-6 No. 9 June 2020, P. No. 119-123, D.O.I : 0.46528/JK.2020.V10I06N09.12. (**UGC Care**)
12. Adarsh Raj, Dhanraj Godara, Kalpit Jain, Dr. Jayant K. Purohit "A Review on Block Chain System for Supply Chain Network" Dogo Rangsang Research Journal, ISSN: 2347-7180, Vol-10 Issue-07 No. 8 July 2020, P.No. 76-89, D.O.I: 10.46528/DRSRJ.2020.V10I07N08.01. (**UGC Care**)
13. Akshay Srivastava, Ankit Saharan, Kalpit Jain, Dr. Jayant K Purohit "A Review on Supply Chain Management in Enterprises" Dogo Rangsang Research Journal, ISSN: 2347-7180, Vol-10 Issue-07 No. 8 July 2020, P. No. 90-95, D.O.I:10.46528/DRSRJ.2020.V10I07N08.02. (**UGC Care**)
14. Kalpit Jain, Deepak Kumar, Sanjay Kumawat. "Plastic Injection Molding With Taguchi Approach-A Review." Int. J. Sci. Res 2 (2013): 147-149.

National/International Conferences-07:

1. Kalpit Jain, Tarang Gupta, "Study of Combined Cycle Gas Turbine Power Plant-An Overview", *National Conferences on Advances in Refrigeration & Energy Systems (NCARES-2015)*, organized by the Department of Mechanical Engineering, Poornima College of Engineering, Jaipur on March 14-15,2015.
2. Kalpit Jain, Manish Kumar Rai, Pankaj Jain "Six Sigma: Strategy for Organizational Excellence and Growth with Quality", *National Conferences on Emerging Trends in Mechanical Engineering in Education & Profession Practices*, organized by the Department of Mechanical Engineering, Poornima Group of Institution, Jaipur on Feb.-28 & March-01,2015.
3. Kalpit Jain, Deepak Kumar, Pankaj Malviya, "Recent Method for Optimization of Plastic Injection Moulding" *National Conferences* on Eclectic Mechanical Engineering, organized by the Global Technical Campus, Jaipur on 12th April 2013.

4. Kalpit Jain, Sonu Singhal, Deepak kumar, “A Review on TQM in Higher Education”, ***International Conference on Challenges and Opportunities in Asian Economies : The Management Perspective***, organized by the Department of Management Studies, Poornima Group of Colleges and School of Management, Jaipur on February 8-9 2013.
5. Kalpit Jain, Sonu Singhal, Uma Garg, “Neural Network Prediction Using Genetic Algorithm”, ***National Conferences on Web Based Manufacturing***, organized by the Institution of Engineers (India) Rajasthan State Centre, Jaipur on September 1-2 2012.
6. Kalpit Jain, Pankaj Sharma, “Lean Manufacturing”, ***National Conferences on Web Based Manufacturing***, organized by the Institution of Engineers (India) Rajasthan State Centre, Jaipur on September 1-2 2012.
7. Kalpit Jain, S. C. Pandey, Reena Jangir, “A Theoretical Model of Polycrystalline Enhanced Solar Cell”, ***National Conference on Review of Renewable Energy***, organized by the Department of Mechanical Engineering, Kautilya Institute of Technology & Engineering, Jaipur on January 7, 2012.

Seminar/Workshop-07:

1. Six Days Workshop on “CATIA” organized by **CAD DESK** as faculty development program at CAD DESK, head office, Jaipur during July 13th to 18, 2015.
2. Five Day Workshop on “Research Methodology and Design of Experiment” organized by **Department of Mechanical Engineering**, Malaviya National Institute of Technology, held at MNIT Jaipur during October 27-31, 2014.
3. Short Term Training Programme on “Basics of Computational Fluid Dynamics (BCFD-2014) organized by **Department of Applied Sciences**, Motilal Nehru National Institute of Technology, held at MNNIT Allahabad during June 23-27, 2014.
4. Two week ISTE Workshop on “Fluid Mechanics” conducted by **Indian Institute of Technology**, Kharagpur held under the National Mission on Education through ICT (MHRD) from May 20th to 30th, 2014.
5. Five days workshop on “Autodesk Simulation Mold Flow” held in association with Grob Design Pvt. Ltd., Jaipur on April 28th to May 02nd 2014.
6. National Seminar on “Emerging Trends in Social Entrepreneurship Challenges & Opportunities” conducted by **NIESBUD** from April 12th- 13th, 2013 at NIESBUD campus, Noida.
7. One Day Workshop on “Research Methodology” Organized by **Department of Computer Engineering**, Poornima College of Engineering in association with Institution of Engineers India on February 29, 2012.

FDP/STTP: 14

1. AICTE sponsored Six Days Short Term Training Program on “Electric Research Trends in Manufacturing” (Part-III) organized by Department of Mechanical Engineering, Poornima College of Engineering, Jaipur from March 15 to March 20, 2021.
2. AICTE sponsored Six Days Short Term Training Program on “Electric Research Trends in Manufacturing” (Part-II) organized by Department of Mechanical Engineering, Poornima College of Engineering, Jaipur from December 21 to December 26, 2020.
3. Five Days TEQIP-III RTU (ATU) sponsored online Faculty Development Program on “Renewable Energy” organized by Rajasthan Technical University, Kota, Rajasthan & Poornima College of Engineering, Jaipur from December 14 to December 18, 2020.
4. AICTE sponsored Six Days Short Term Training Program on “Electric Research Trends in Manufacturing” (Part-I) organized by Department of Mechanical Engineering, Poornima College of Engineering, Jaipur from October 05 to October 10, 2020.
5. TEQIP-III sponsored one week online Short Term Course on “Multi-Scale Computational Fluid Dynamics: Fundamentals and Applications” organized by the Department of Mechanical Engineering, Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, India held on September 21 to September 25, 2020.
6. RTU (ATU) TEQIP-III Sponsored One Week Faculty Development Programme On Emerging Trends in Nano-Electronics (ETNE-2020) Organized By Rajasthan Technical University, Kota & Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from September 21 to September 25, 2020.
7. One Week TEQIP-III RTU sponsored Faculty Development Program on “Industry 4.0” organized by Rajasthan Technical University, Kota, Rajasthan & Poornima College of Engineering, Jaipur from September 14 to September 18, 2020.
8. Five Days TEQIP-III RTU sponsored Faculty Development Program on “Blockchain & Its Application” organized by Rajasthan Technical University, Kota, Rajasthan & Poornima College of Engineering, Jaipur from September 14 to September 18, 2020.
9. Two Days TEQIP-III RTU sponsored online Faculty Development Program on “Alternate Fuels” organized by Rajasthan Technical University, Kota, Rajasthan & Poornima College of Engineering, Jaipur from September 04 to September 05, 2020.
10. Five days Faculty Development Program on “Testing of Material on Engineering Applications” organized by Department of Mechanical Engineering, Meenakshi Sundararajan Engineering College, Chennai from June 22 to June 26, 2020.
11. One week Online Faculty Development Program on “Renewable Energy Sources: A Way Ahead” organized by Department of Mechanical Engineering, Maharshi Karve Stree

Shikshan Samstha's, Cummins College of Engineering for Women, Pune in association with ASM International Pune Chapter and ISHRAE Nagpur Chapter from May 15 to May 21, 2020.

12. Two days online Faculty Development Program on “Migration of IT Infra Using Cloud” Organized by Department of Applied Science under IQAC, PIET, Jaipur from May 2020 to May 21, 2020.
13. One week Faculty Development Program on “Blockchain Technology” organized by Indian Institute of Technology-Roorkee conducted by Electronics and ICT Academy from May 1 to May 8, 2020.
14. Five days National level Faculty Development Program on “Latex” organized by School of Computer Science & Engineering, Poornima University, Jaipur in association with Spoken Tutorial, Indian Institute of Technology, Bombay from May 4 to May 8, 2020.

Certification Courses: 27

S. No	Course Name	Online Platform/Website	Date
1	Recent Trends of Robotics and Automation	AICTE-ISTE	Jan 5- Jan 11, 2022
2	Education 4.0 aligned with industry 4.0	NITTTR-Chandigarh	July 12- July 16, 2021
3	Fostering Research and Development in Academic Institution	NITTTR-Chandigarh	June 21- June 25, 2021
4	Developing Values & Ethics	NITTTR-Chandigarh	June 14 - June 18, 2021
5	Industrial Internet of Things (IIoT)	AICTE Training And Learning (ATAL) Academy	June 7 - June 11, 2021
6	Energy Harvesting Materials & Devices	NITTTR-Chandigarh	May 24 - May 28, 2021
7	Block chain Technology	NITTTR-Chandigarh	May 17 - May 21, 2021
8	Mechanical of Material II	Coursera-Georgia Institute of Technology	2-Jun-20
9	Advance Manufacturing Enterprise	Coursera-The State University of Newyork	2-Jun-20
10	Renewable Energy and Green Building Entrepreneurship	Coursera-Duke University	29-May-20
11	Mechanical of Material I	Coursera-Georgia Institute of Technology	29-May-20

12	Short Term Course on Recent Advances in Material Characterization	NITTTR-Chandigarh	May 23 - May 28, 2020
13	Material Processing	Coursera-Georgia Institute of Technology	8-May-20
14	Introduction to Self-Driving Car	Coursera-University of Toronto	8-May-20
15	Advanced Manufacturing Process Analysis	Coursera-The State University of Newyork	8-May-20
16	Digital Manufacturing and Design	Coursera-The State University of Newyork	7-May-20
17	Bulk Material Handling	Tata Steel Capability Program	3-May-20
18	Heat Treatment of Steel	Tata Steel Capability Program	3-May-20
19	Supply Chain Management-Short Course	Oxford University	April 24 - April 30, 2020
20	Short Term Course by NITTTR Chandigarh on Computer Aided Design and Manufacturing (CAD/CAM)	NITTTR-Chandigarh	April 27 - May 1, 2020
21	Measuring Instruments	Tata Steel Capability Program	April 25. 2020
22	Lifting Tools & Tackle	Tata Steel Capability Program	25-Apr-20
23	Industrial 4.0	Tata Steel Capability Program	13-Apr-20
24	Short Term Course by NITTTR Chandigarh on Big Data Analytics	NITTTR-Chandigarh	Feb 3 - Feb 7, 2020
25	NPTEL SWAYAM COURSE-Product Design Using Value Engineering (Full FDP)	NPTEL Swayam	July - August, 2019

Achievements:

- 1. NPTEL Online Certification** for successfully completing the course of **Product Design and Development** with **Elite** Conducted by **Indian Institute of Technology, Roorkee**.
- Got incentives with appreciation letter for the excellent academic results in session 2012-13, 2014-15, 2015-16 or 2018-19 in odd or even semester.
- Certificate of Excellence in recognition of contribution as **Teaching Assistant** in the successful completion of the Two-week ISTE Workshop on “Fluid Mechanics” conducted by **Indian Institute of Technology, Kharagpur** held under the National Mission on Education through ICT (MHRD) from May 20th to 30th, 2014.
- Co-Coordinated Two Days Workshop on “Innovation in Antifriction Bearing

Technology” organized by Department of Mechanical Engineering, Poornima College of Engineering, Jaipur during March 29-30, 2014.

5. Co-ordinated Coordinated Two Days Workshop on “Energy Efficiency in Buildings” organized by Department of Mechanical Engineering, Poornima College of Engineering, Jaipur during September 16-17, 2013.
6. Certificate of Excellence in recognition of contribution as **Teaching Assistant** in the successful completion of the Two-week ISTE Workshop on “Engineering Thermodynamics” conducted by **Indian Institute of Technology**, Bombay held under the National Mission on Education through ICT (MHRD) from December 11th to 21th, 2012.

Membership:

1. Associate Member of Indian Society of Heating, Refrigerating and Air Conditioning Engineers on August 15th, 2014.

Academic in Plant Training:

- ❖ One month summer training in **Eicher Engine Pvt. Ltd.**, ALWAR (Rajasthan).
- ❖ 45 Days summer training in **Renown Construction**, BHOPAL (MP).

Computer Proficiency & Software:

Computer Proficiency	:	Windows 98/2000/XP/2007 and MS Office 2007-2010.
Software	:	Autodesk Mold Flow Simulation, Auto CAD, E-Quest (Building Energy Simulation)

Strength:

- 1 I am affable in nature and can adjust with any kind of person.
- 2 I am proud of the ethical values, which I have inherited from my parents.
- 3 Punctual.

Personal Details:

Name	:	Kalpit Jain
Father's Name	:	Late Mr. R. K. Jain
Date of Birth	:	August, 8, 1988
Marital Status	:	Married
Address	:	4/17 N.E.B Housing Board Alwar (Rajasthan)-301001
Mobile No.	:	9571255627, 9414640243

Declared:

I hereby solemnly declare that the statements made by me in this form are correct to the best of my knowledge and belief.

Place: - Bhilwara

Date:- 02/05/2025

Name & Signature

KALPIT JAIN