CURRICULUM VITAE

Dr. CHETAN P. JAISWAL

B.E., ME., PhD. (Mechanical Engineering)

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Vidwan Portal:- Profile URL: https://vidwan.inflibnet.ac.in/profile/193446

Career Objective

I am seeking an organization where I can leverage my skills and experience to drive innovation, solve complex challenges, and deliver measurable results. I aim to contribute meaningfully to the achievement of organizational goals while continuing to grow both personally and professionally.

Academic Summary

Total Experience = 17.6 Years

- Competent and diligent professional with over **17.6 years of experience** in **Teaching, Training, Procurement**, **Infrastructure Maintenance,** and **Quality Management** across engineering institutes and universities in **Madhya Pradesh, Gujarat, and Rajasthan**.

- Well-versed in **Procurement Operations** and experienced in handling **Material Management, Planning and Coordination, Supply Chain Management, and Inventory Scheduling**. Demonstrated expertise in **Administrative Processes**, including **NAAC, NBA, and ISO 9000:2015** compliance, as well as **Academic Planning**, **Scheme and Syllabus design** as per **NEP-2020**.

- Successfully served as **Head of the Department (Mechanical Engineering – B.Tech & Polytechnic)** at Aravali Institute of Technical Studies, Udaipur, Rajasthan for **4.1 years**, leading academic initiatives, departmental planning, and infrastructure development.

- Appointed as **Training & Placement Coordinator** at both Aravali Institute of Technical Studies (4.1 years) and Shri Vaishnav Vidyapeeth Vishwavidyalaya (2 years), where I organized **Placement Drives**, conducted **Career Guidance Sessions**, and empowered students with essential employability skills.

- Served as **Co-coordinator** of the university and institute examination committees, including responsibilities at the evaluation center, ensuring smooth conduct of examinations and adherence to academic standards.

- Demonstrated specialized knowledge in **SAP MM** and **FICO modules**, enabling efficient management of material procurement, inventory control, and financial reporting in integrated ERP environments.

Key Strength Areas

Area	Expertise
Academic & Administrative	Head of Department, Syllabus Planning, Academic Coordination, NAAC/NBA Coordinator.
Quality Management	NAAC & NBA, ISO 9000:2015 Documentation and Implementation
Training & Placement	Organizes Campus Drives, Builds Industry Networks, Career Guidance, Employability Training
Procurement, Infrastructure & Maintenance	Equipment Procurement, **Material Management,** Planning and Maintenance of Infrastructure, **Supply Chain Management,** Inventory and Lab Management

EDUCATIONAL CREDENTIALS

Examination	College/School	University/ Board	Session	CGPA/ Percentage
Ph.D (Mechanical Engineering)	School of Engineering & Technology, Bhilwara	Sangam University, Bhilwara	2017-21	8.17
M.E. (Thermal Engineering.)	R.K.D.F.I.S.T Bhopal M.P.	R.G.P.V Bhopal M.P.	2008-11	70.50
B.E. (Mechanical Engineering.)	J.I.T., Borawan, Khargone, M.P.	R.G.P.V Bhopal M.P.	2003-07	71.31
XII	Saraswati Vidhya Mandir H S School Rishinagar Ujjain M.P.	B.S.E. Bhopal M.P. (M.P. Board)	2000-01	53.11
X	Govt. H. S. School Gujri, M.P.	B.S.E. Bhopal M.P. (M.P. Board)	1998-99	53.8

Ph.D. Thesis: - "Experimental and Simulation Analysis of Heat Transfer of solar air duct Having Artificial Roughness."

Supervisor: -Dr. Rakesh Bhandari, Dean Research Sangam University Bhilwara Rajasthan.
Co-Supervisor: - Dr. Satya Prakash Pandey, Pro vice Chancellor, CORE University Roorkee Uttarakhand.

M.E. Thesis: - "Improvement in Performance of Spinning Mill by Control of Humidification."
Supervisor: -Dr. M. K. Chopra, Dean R.K.D.F.I.S.T. Bhopal M.P.

B.E. Project: - 1) "Design Aspects of Windmill."
Supervisor:-Dr. Amitabh Shrivastava, Assistant Professor, J.I.T., Borawan M.P.
2) "Feasibility report of Windmill of West Nemar."
Supervisor: -Dr. Amitabh Shrivastava, Assistant Professor, J.I.T., Borawan M.P.

WORK EXPERIENCE

Organization: Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore (M.P.)
Designation: Procurement and Maintenance Coordinator.
Duration: July 2021 to Presently Working.

Responsibilities

- Good knowledge of **Procurement** and responsible for managing **Material Management, Planning & co-ordination, Supply Chain Management, Inventory scheduling, and ISO 9000-2015.**
- Proper planning to ensure smooth procurement and dispatches of material in order to achieve timely delivery.
- Releasing Purchase Orders / Schedules to respective vendors located all over India as per Schedule received.
- Maintaining freight and other expenses.
- Full load planning as per readiness of the material for dispatch.
- Timely arrangement of material as per plan.
- Good in Internal & External Communication.

Organization: Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore (M.P.)
Designation: Assistant Professor (Mechanical Engineering Dept.)
Duration: July 2017 to Presently Working.
Job Profile: Academician, Co-Coordinator of PG program, Planning and Coordination.

Responsibilities

- Responsible for National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA).
- Responsible for enhancing student technical skills to providing Solid Works training.
- Liable for a committee of Building Coordination, Infrastructure Maintenance, House Keeping and Purchase Committee.
- Organized a Technical hands-on practice workshop is named "Sanmantrana".
- Developed a Scheme & Syllabus for new courses as per National Education Policy-2020.
- Responsible for National Institutional Ranking Framework (NIRF),International Organization for Standardization (ISO), New Course of Mechanical Engineering associated with TATA Power, Mechanical Engineering with Artificial Intelligence (MEAI), and Mechanical Engineering with Data Science (MEDS).
- Organized and Responsible for conduction of "Formula Kart Design Challenge" (FKDC), and Society of Automobile Engineers (BAJA-SAE).
- Responsible for conduction of interaction between Industry Interaction Program for achieve organizational objectives.

Organization: Aravali Institute of Technical Studies, Udaipur (Rajasthan)
Designation: Associate Professor and Head of Department (Mechanical Engineering Dept.) (B.Tech and Polytechnic)
Duration: June 2013 to July 2017.
Job Profile: Head of Department, Planning and Coordination

Responsibilities

- Responsible for maintaining the academic activities as Head of Department Mechanical Engineering and planning for smooth conduction.
- Coordinator of Editorial Committee and Advisory committee in National Conference "Automation and Control- Make in India".
- Coordinator of "Master of Technology" (Thermal Engineering) Program.
- Responsible for National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA).
- Responsible for conduction of interaction between Industry Interaction Program for achieve organizational objectives.
- Conducted a student training program through industry interaction.

Organization: Parul Institute of Engineering & Technology, Vadodara (Gujarat)
Designation: Assistant Professor (Mechanical Engineering Dept.)
Duration: Feb. 2012 to June.2013.
Job Profile: Academician, Co-Coordinator of PG program, Planning and Coordination.

Responsibilities

- Responsible for "Master of Engineering" (Thermal Engineering) Program.
- Responsible of National Board of Accreditation for Mechanical Engineering. Department.
- Superintendence as Project guide for UG and PG program.
- Accountable for Research and Development department as a team member.
- Responsible for overall development of students/ trainee UG students final year mechanical engineering students.

Organization: Sanghvi Institute of Management & Science, Indore (M.P.)
Designation: Lecturer. (Mechanical Engineering Dept.)
Duration: July 2008 to Jan 2012.
Job Profile: Academician, Workshop In-charge.

Responsibilities

- Conducting the Lectures for first year students.
- Coordinator of first year students.
- Team member of time-table committee.
- Departmental documentation and arrangement work.
- Responsible for mechanical workshop.

Organization: Vikrant Institute of Technology & Management, Indore (M.P.)
Designation: Lecturer. (Mechanical Engineering Dept.)
Duration: Oct. 2007 to July 2008.
Job Profile: Academician.

Responsibilities

- Conducting Lecturer and student motivational committee member.
- Documentation and Teacher Guardians Works.
- Coordinating Cultural Activities.

TECHNICAL CERTIFICATION:

1. Successfully completed NPTEL online certification course of 12-week for the subject "**Data Analysis and Decision Making - I"** in April 2023.
2. Successfully completed UDEMY online certification course for the subject **"Python for Mechanical Engineers"** in August 2023.
3. Successfully completed UDEMY online certification course for the subject **"Ansys Fluent Computational Fluid Dynamics (CFD)"** in August 2023.
4. Successfully completed UDEMY online certification course for the subject **"Mastering Ansys CFD"** in September 2023.
5. Successfully completed NPTEL Online Certification course of 12-week for the subject **"Operation Management"** in April 2020.
6. Successfully completed NPTEL online certification course of 4-week for the subject **"Product Design and Development"** in April 2018.

BOOK PUBLISHED/EDITED

1. Chetan Jaiswal and Akbar Ali "Heat Transfer" Ashirwad Publications Pvt. Ltd, Jaipur India, 2014, ISBN-978-93-83266-34-0.
2. Kanhaiya Lal Galav, Chetan Jaiswal, Jaydeep Choubisa and Yogesh Tamboli "Automation and Control: - Make in India" Himanshu Publications Pvt. Ltd, Udaipur, India, 2015. ISBN -978-81- 7906- 467-2.

COMPUTER PROFICIENCY

1. M S Office (Word, Excel, Power Point Presentation).
2. SAP Material Management.
3. Solid Works.
4. ERP

PUBLICATIONS DETAILS

Patent Filed & Published:

No. of Patent Published = **05**

1) **Solar Based Pesticides Sprayer Pump for Small Agriculture Field. (Indian Patent)**
2) **Three Side Roughened Fin Type Solar Air Heater" (This is my Ph.D. work patent). (Indian Patent)**
3) **SPV, Wind Turbine & Battery Storage System Based Microgrid for Remote Electrification. (Indian Patent)**
4) **IOT Based Automatic Cooling Tower. (Indian Design Patent)**
5) **Light Connecting Rod for Better IC Engine Efficiency. (UK Design Patent)**

Awards & Achievements:

1) I received the **"Mewar Scientific Award 2023"** on **"National Science Day"** for my contribution to the field of engineering and technology on **28 February 2023**.

Publication in International / National Journals:

1. **Jaiswal C.,** Bhandari, R., Rathore, R.S. (2024). Performance and Optimization of Three Sides Roughened Solar Air Heater. In: Goar, V., Kuri, M., Kumar, R., Senjyu, T. (eds) Advances in Information Communication Technology and Computing. AICTC 2024. Lecture Notes in Networks and Systems, vol 1074. Springer, Singapore. https://doi.org/10.1007/978-981-97-6103-6_43. **(SCI)**

2. **Jaiswal C.,** Tirole, R. (2024). Performance Evaluation of C I Engine Using Neem Biodiesel with Additive and Blends of Diesel. In: Dwivedi, G., Verma, P., Shende, V. (eds) Advances in Clean Energy Technologies. ICET 2023. Springer Proceedings in Energy. Springer, Singapore. https://doi.org/10.1007/978-981-97-6548-5_9 **(SCI)**

3. Chourasia S., Pandey S., **Jaiswal C.,** (2024). Advancements in Robbed Solar Air Heater: A Comprehensive Review on Thermal Performance Enhancement and Optimization Techniques, Nanotechnology Perceptions, Publisher: Collegium Basilea, Switzerland. ISSN- 1660-6795: Vol. 20 No.7, Page Number 1660-1680. http://nano-ntp.com/index.php/nano/article/view/4209/3215**(SCOPUS Indexed Journal).**

4. **Jaiswal C** and Bhandari R "Simulation Evaluation of Thermal Performance of SAH Using Artificial Roughness" International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249–6890; ISSN(E): 2249–8001, Vol. 10, Issue 3, Jun 2020,12007–12020.https://www.academia.edu**(SCOPUS Indexed Journal).**

5. Shankar Lal, Chhagan Lal Kharol and **Chetan Jaiswal**. Heat Transfer Augmentation in A Plate-Fin Heat Exchanger: A Review, International Journal of Mechanical Engineering and Technology, 7(1), 2016, pp. 37-41. http://iaeme.com/Home/issue/IJMET?Volume=7&Issue=1**(SCOPUS Indexed Journal)**

6. **Jaiswal C** and Bhandari R "Simulation and Performance Analysis of Roughened SolarAir Heater: A Review", Bhugol Swadesh Charcha (Multidisciplinary International Journal) ISSN: 2581-4788, Vol.16, Special Issue 5, June 2020. **(UGC Care)**

7. **Jaiswal C** and Bhandari R "Simulation Analysis of Solar Air Heater Using Various Artificial Roughness", International Journal of Research and Analytical Review, E-ISSN 2348-1269, P-ISSN 2349-5138, Volume 6, Issue 1, February 2019. **(UGC Care)**

8. Tailor KJ, Mishra V, Purohit G, **Jaiswal C**, Vyas N "A Review Paper on Effects of Vibration on Mechanical Properties and Defect of Similar and Dissimilar Weld Joints in TIG Welding" is published in IJIRST

Journal Volume 4, Issue 2, July -2017, ISSN: 2349-6010.

9. Patidar P, **Jaiswal C**, Vyas N "Influence of process parameter of wire EDM on AL6061T6" is published in IJEAT Volume-6, Issue-NASET17, February 2017, ISSN: 2249 – 8958.

10. Mishra VR, **Jaiswal C**, Purohit G, Vyas N "A Review Paper on Effects of Mechanical Vibration on Gravity Die Casting of Aluminum Alloys" is published in IJIRST Journal Volume 3, Issue 9, February -2017, ISSN: 2349-6010.

11. **Jaiswal C** and Parashar VK "Heat Transfer Augmentation by Plate Fin Heat Exchanger Using CFD Techniques: A Review" is published in IJIRSE Journal Volume 2, Issue 4, April-2016, ISSN: 2454- 9665.

12. Bhoi R and **Jaiswal C** "Performance Evaluation of Heat Transfer Rate in Automobile Radiator Using Nano Particles" is published in International Journal of Engineering Innovation & Research Volume 3, Issue 5, ISSN: 2277 –5668 September 2014.

13. Bhoi R, Dabhi D, **Jaiswal C** "Investigation on Enhancement of Heat Transfer Using Different Type of Nano Fluides- Review" is published in International Journal of Applied Research & Studies ISSN 2278-9480 Issue Vol. II/Issue I/Jan 2013/295.https://www.academia.edu

14. Patel JK, **Jaiswal C**, Jejurkar AN "Review on Technology for Improving the Energy Efficiency and Increasing the Capacity of Ice Maker by WCR Heat Exchanger" is published in International Journal of Applied Research & Studies ISSN 2278-9480 Issue Vol. II/Issue I/Jan 2013/303.

15. Gohel K, **Jaiswal C**, Jejurkar AN "Review on Performance and Development of Experimental Setup of Solar Water Distillation" is published in International Journal of Applied Research & Studies ISSN 2278-9480 Issue Vol. II/Issue I/Jan 2013/302.https://www.academia.edu

Paper Published& Presented in International / National Conferences:

1. **Jaiswal C** and Bhandari R "Performance and Optimization of Three Sides Roughened Solar Air Heater" in the 5th International Conference on Advances in Information Communication Technology & Computing (AICTC – 2024), Hosted By: NJSC South Kazakhstan state pedagogical university, Republic of Kazakhstan, Shymkent city, 160012, A. Baitursynov, street, No-13 29th – 30th April 2024.

2. **Jaiswal C** and Tirole R "Performance Evaluation of CI Engine using Neem Bio-diesel with Additives and Blends of Diesel" in the 2nd International Conference on Innovations in Clean Energy Technologies (ICET-2023) Energy Centre, MANIT Bhopal (M.P), during 08th – 10th April 2023.

3. Agrawal A, Jain N, Singh M, **Jaiswal C** and Yadav S "Analyzing the Impact of Multi-Directional and Multi-Purpose Air Cooler" in the International Conference on "Innovations in Product, Process and System Design(ICIPPSD–2021)"organized by Department of Mechanical Engineering Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP), ISBN: 978-81-87997-52-3, during 5th - 6th March, 2021.

4. Sharma A, Taparia A, Jaiswal KK, **Jaiswal C**, Singh M and Yadav S "Experimental Study and Evaluation of Fluid Properties on Diesel and Petrol Engines Using Hybrid Fuel Blends" in the International Conference on "Innovations in Product, Process and System Design (ICIPPSD–2021)"organized by Department of Mechanical Engineering Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP), ISBN: 978-81-87997-52-3, during 5th - 6th March, 2021.

5. Singh M, **Jaiswal C** and Yadav S "Experimental Analysis and Result Discussion on Performance and Emission Behavior of Hydrogen-Gasoline Fuel of SI Engine" in the International Conference on "Innovations in Product, Process and System Design (ICIPPSD–2021)"organized by Department of

Mechanical Engineering Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP), ISBN: 978-81-87997-52-3, during 5th - 6th March, 2021.

6. Yadav S, Jaya kumar KV, **Jaiswal C**, Singh M and Goyal P "Analysis and Monitoring of Urban Air Pollution in Warangal" in the International Conference on "Innovations in Product, Process and System Design (ICIPPSD–2021)" organized by Department of Mechanical Engineering Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP), ISBN: 978-81-87997-52-3, during 5th - 6th March, 2021.

7. **Jaiswal C** and Bhandari R, "Simulation and Performance Analysis of Roughened Solar Air Heater: A Review", in the international conference, Trade in Innovation in Management, Commerce, Science, Engineering & Humanities (IC-MCSEH-2020), Organized by world virtual conference forum in association with International Research Guide Federation (IRGF)and sponsored by World Federation of Science and Technology (WFST), 24th May 2020.

8. **Jaiswal C** and Bhandari R "Simulation Analysis of Solar Air Heater Using Various Artificial Roughness" in the national conference, National Conference on Recent Innovation & Trend in Engineering and Technology [RITET-2018] School of Engineering & Technology, Sangam University Bhilwara Rajasthan, during 24-25 December 2018.

9. Pandya H and **Jaiswal C** "Performance Investigation of V-Through Flat Plate Collector by Change Tilt Angle and Glass Transitivity: A Case Study for Jaipur" in the national conference, 8th National Conference on Thermo-physical properties organized by MNIT Jaipur Rajasthan, during 14-16 December 2015.

10. **Jaiswal C** and Paliwal N "Energy Enhancement by Full Cell Technology" in the National Conference on, Automation and control-Make in India by Mechanical Engineering Department, Aravali Institute of Technical Studies in association with Institute of Engineers (Udaipur local Center) and College of Technology and Engineering, MPUAT Udaipur, during 2-3 March 2015. (ISBN-978-81-7906-467-2)

11. **Jaiswal C**, Kumar D, Singh B and Jain H "A Review on Screw Conveyor in Trolley" in the National Conference on, Automation and control-Make in India by Mechanical Engineering Department, Aravali Institute of Technical Studies in association with Institute of Engineers (Udaipur local Center) and College of Technology and Engineering, MPUAT Udaipur, during 2-3 March 2015. (ISBN-978-81-7906-467-2)

12. Kumar D, Rawal G, Purohit G and **Jaiswal C** "A Review on Material Handling Solutions: A look into Automated Robotics" in the National Conference on, Automation and control-Make in India by Mechanical Engineering Department, Aravali Institute of Technical Studies in association with Institute of Engineers (Udaipur local Center) and College of Technology and Engineering, MPUAT Udaipur, during 2-3 March 2015. (ISBN-978-81-7906-467-2)

13. **Gohel K M** and **Jaiswal C** "Design Development and Performance Analysis of Experimental Set Up of Solar Water Distiller" in the National Conference on, Emerging Vista of Technology in 21st Century, Mechanical Engineering Department, Parul Institute of Engineering & Technology and Parul Institute of Technology, Vadodara Gujarat during10-11 May2013. (ISBN-987-93- 82880-31- 8)

14. **Bhoi R** and **Jaiswal C** "A Review: Performance Evaluation of Heat Transfer Rate using Nanofluid" in the National Conference on, Emerging Vista of Technology in 21stCentury organized by Mechanical Engineering Department, Parul Institute of Engineering & Technology and Parul Institute of Technology, Vadodara Gujarat during 10-11 May 2013. (ISBN-987-93- 82880-31-8)

15. **Jaiswal C**"A Review: Performance Analysis of Diesel Engine by Neem Biodiesel" in the national conference on Innovations in Engineering & Technology, organized by Aravali Institute of Technical Studies Udaipur in association with Institute of Engineers and Computer Society of India, during 14-15

April 2014.

16. **Jaiswal C** "A Review of Use of Waste Plastics in Road Construction" in the national conference on Innovations in Engineering & Technology, organized by Aravali Institute of Technical Studies Udaipur in association with Institute of Engineers and Computer Society of India, during 14-15 April 2014.

17. **Jaiswal C** "Heat Transfer: Optimal Separation Between Fins Extruded from Vertical Base" in the national conference on Innovations in Engineering & Technology, organized by Aravali Institute of Technical Studies Udaipur in association with Institute of Engineers and Computer Society of India, during 14-15 April 2014.

18. **Jaiswal C** "A Review on The Production of Palm Oil Biodiesel as The Source of Renewable Fuel" in the national conference on Innovations in Engineering & Technology, organized by Aravali Institute of Technical Studies Udaipur in association with Institute of Engineers and Computer Society of India, during 14-15 April 2014.

19. **Jaiswal C and Bhoi R** "Performance Evaluation of Heat Transfer Rate in Automobile Radiator Using Nanoparticles" in the national conference on Innovations in Engineering & Technology, organized by Aravali Institute of Technical Studies Udaipur in association with Institute of Engineers and Computer Society of India, during 14-15 April 2014.

20. **Jaiswal C** "Performance & Evaluation of Humidification in Spinning Mill" in the National Conference on, Acharya P C Ray National Young Scientists conference, Kolkata, organized by Presidency University, Calcutta University and Vivekananda Vijnan Mission (Vijnana Bharati, W B unit) during 17-18 Feb 2012.

21. Ali A and **Jaiswal C** "Hempo-line : Efficiency and Comparison of Properties with Other Biomass" in the National Conference on, Shrinathji Institute of Technology and Engineering, Nathdwara (Raj.), during 25-26 June 2011.

22. **Jaiswal C** and Ali A "Feasibility Report on Satirical Data of Windmill" in National Conference, sponsored by Dept. of Electrical Engineering in association with K. K. Wagh Institute of technology, Nashik, Maharashtra. (Nov 2010)

WORKSHOPS/FDP ORGANIZED

1. Organized one day international workshop on "**Integration of CAD & CAM in an Industry**" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 12 Feb 2025.

2. Organized one day international workshop on "**Artificial Intelligence in Industry 4.0 and Robotics**" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 01 Feb 2024.

3. Organized one day international workshop on "**Industrial Design, Skill Sets & Awareness**" in association with Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 02 Feb 2023.

4. Organized one day international workshop on "**E-Vehicle**" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 18 January 2022.

5. Organized one day international workshop on "**CNC Milling**" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 04 Feb 2021.

6. Organized two days, workshop on "**An Automobile: Hand on Practice**" in Aravali Institute of Technical Studies Udaipur and Aadhar Foundation Udaipur Rajasthan (October 2016)

7. Organized expert lecture on "**One Dimensional FEM Analysis**" lecture by Dr. B. P. Nandwana CTAE Udaipur Rajasthan at AITS Udaipur, Rajasthan (September 2016)

8. Organized expert lecture on "**Revolution in Industry by Automation**" lecture by Mr. Ajay Panday, Assistant Manager & Head (Unit 1) "Reliance Chemo-tech Industries Ltd. Udaipur" at AITS Udaipur, Rajasthan (April 2016)

9. Organized expert lecture on "**Role of Applied Mechanics in Engineering**" lecture by Dr. Chitranjan Agarwal, Assistant Professor "CTAE, MPUAT Udaipur" at AITS Udaipur, Rajasthan (April2016)

10. Organized expert lecture on "**Role of Design Technology in Automobile Engineering-Commercial Vehicle**" lecture by Mr. Rahul Naidu, Section Functional Head & Managerin Volvo Eicher Commercial Vehicle, Pithampur M.P.at AITS Udaipur, Rajasthan (March 2016)

11. Organized a one-day workshop on "**Cyber Crime & Ethical Hacking**" at SIMS, Indore.(Oct2010)

12. Organized a one-day "**Career counseling**" workshop at SIMS, Indore.(Oct2009).

PARTICIPATION IN "ATAL" FDP/WORKSHOPS/STTP

1. Participated in a one-day international workshop on "Artificial Intelligence in Industry 4.0 and Robotics" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 01 Feb 2024.

2. Participated in a one-day international workshop on " Research Publication Ethics" in Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore in A Multi-disciplinary International Congress on 02 Feb 2024.

3. Participated & completed successfully one-week Online FDP on "Academic Integrity and Professional Ethics" organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore M.P and Association of Indian Universities, during 20 June to 24 June 2023.

4. Participated & completed successfully one-week Online FDP on "Partnering with Industry for Facilitating the Development of Students" organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore M.P and Association of Indian Universities, during 24 April to 28 April 2023.

5. Participated in one day Faculty Development Program on "Investing in Capital Markets" organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore M.P. on 25 March2023.

6. Participated in Two days International Faculty Development Program on "Publishing Research Paper in High Impact Journals" organized by Department of Computer Science and Information Technology, Symbiosis University of Applied Sciences, Indore M.P. during 10-11 February2023.

7. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Avenues for Energy Conservation in Thermal Power Plant" organized by Anna University Chennai, Tamil Nadu during 07 February 2022 to 11 February 2022.

8. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Advances in Pollution Control Technologies and Sustainable Development" organized by Malaviya National Institute of Technology Bhopal M.P., during 02 August2021 to06 August2021.

9. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Thermodynamic Analysis of Energy System" organized by Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya Indore M.P., during 12 July2021 to16 July 2021.

10. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Alternative Fuels" organized by Gyan Ganga Institute of Technology and Sciences Jabalpur, M.P. from 12 June 2021 to 16 June 2021.

11. Participated & completed successfully one-week AICTE Training and Learning AICTE-ISTE approved program on "Thermal Engineering" organized by Kalpataru Institute of Technology, Tiptur, Karnataka during 22 April 2021 to 28 April 2021.

12. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" organized by Sardar Vallabhbhai National Institute of Technology Surat (SVNIT,Surat) during 08February 2021 to 12 February 2021.

13. Participated & completed successfully one-week AICTE Training and Learning (ATAL) Academy Online FDP on "Energy Engineering" organized by Institute of Engineering & Technology Devi Ahilya Vishwavidyalaya Indore M.P., during 14 December2020 to18 December 2020.

14. Participated & completed successfully one-week national workshop on "Renewable Energy: End Use & Efficiency" organized by Department of Mechanical Engineering, Medi-Caps University, Indore M.P & association with Madhya Pradesh Council of Science &Technology Bhopal M.P. during 26 February – 02 March 2019.

15. Participated in Two day's National workshop on "Hands on 3D Printing Workshop" organized by Mechanical Engineering Department, SVITS, Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore M.P on 4 to 6 February 2019.

16. Participated in one day National Seminar on "Awareness of Intellectual Property Rights (NSIPR 2018)" organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore M.P on 28/03/2018.

17. Participated in one day National Seminar on "Emerging New Trends in Space Technology (ENTST- 2017) organized by A.I.T.S Udaipur, Rajasthan in association with Space Society of Mechanical Engineers, ISRO, Ahmedabad, Gujarat on 03/06/2017.

18. Participated in one day Faculty Development Program organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore M.P on 27/07/2017.

19. Participated in the two days Faculty Development Program organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore M.P from 22/09/2017 to 23/09/2017.

20. Participated in one week Faculty Development Program on Application of Advanced Computational and Measurement Techniques in Research organized by MPUAT, Udaipur Rajasthan in association with CTAE Udaipur Rajasthan from 17/10/2016 to 22/10/2016.

21. Participated in one week Faculty Development Program on Entrepreneurship organized by NIT Jaipur Rajasthan in association with CTAE Udaipur Rajasthan from 20/06/2016 to 01/07/2016.

22. Participated in one week Faculty Development Program organized by NITTR Chandigarh conducted at A.I.T.S Udaipur, Rajasthan from 15/02/216 to 19/02/2016.

23. Participated in national workshop on "Hands on practices of HTRI" at Parul Institute of Engineering & Technology Vadodara, Gujarat during February 2013

24. Participated in national workshop on "Basics of Research Methodology" organized by Parul Institute of Engineering & Technology Vadodara, Gujarat during September 2012.

25. Participated in national workshop on "Role of Animation in Teaching–Learning Process" at Parul Institute of Engineering & Technology Vadodara, Gujarat during July 2012.

26. Participated in national workshop on "National program on Technology Enhance-NPTEL" organize by IIT MADRAS & Gujarat Technological University, Ahmedabad, Gujarat during, April 2012

27. Participated in national workshop on "Manufacturing Automation-CIMS" at J.U.E.T. Guna, M.P.Dec.2011

28. Participated in faculty development program organized by V.I.T.M Indore M.P. (Dec2010)

MEMBERSHIP OF PROFESSIONAL BODIES

1. Life member of "**The Society of Mechanical & Automotive Engineers**" from January 2018.
2. Board member of **International Journal of Recent Innovative Trends in Engineering & Science (IJRITES)** from July 2022.
3. Member of **IAENG International Association of Engineers** from January 2018 to till date.

THESIS/PROJECT GUIDE IN ME/M.TECH

- **One in Rajasthan Technical University, Kota Rajasthan.**
  1) Title: -Heat Transfer Enhancement in a Plate-Fin Heat Exchanger Using Rectangular Wing Type Vortex Generator.
     Student Name: -Shankar Lal.
     Enrollment Number: -12E2RATEM4XP604
     Institute: - Aravali Institute of Technical Studies, Udaipur, Rajasthan.
     Academic Year: - 2017
- **Two in Gujarat Technological University, Ahmedabad Gujarat.**
  1) Title: - Performance Evaluation of Heat Transfer Rate in Automobile Radiator Using Nanoparticles.
     Student Name: - Ramesh Bhoi
     Enrollment Number: -110370721009
     Institute: - Parul Institute of Engineering & Technology, Vadodara, Gujarat.
     Academic Year: - 2013
  2) Title: - Design and Development of Solar Water Distillation.
     Student Name: - Gohel Kanu
     Enrollment Number: -110370721013
     Institute: - Parul Institute of Engineering &Technology, Vadodara, Gujarat
     Academic Year: - 2013

EXTRA-CURRICULAR ACCOLADES

1) Served as a student coordinator in training &placement cell.
2) Organized and participated in college and university annual functions.
3) Organized technical events actively at college and university level.
4) Organized sports activities at district and state level.
5) I studied drama and performed in several plays ahead large audiences.

PERSONAL INFORMATION

- Date of Birth : 20th October 1983
- Father's Name : Mr. Prahalad Jaiswal
- Marital Status : Married
- Language Known : English, Hindi, Gujarati
- Current Address : 88 A Padmalaya Colony Near Vidya Palace Chotta bangarda Indore Madhya Pradesh, 452005

References: Available on Request.

Date:
Place: Indore Madhya Pradesh **Dr. Chetan P. Jaiswal**