

**JOOHI CHATURVEDI**

PURSUING PHD IN (HR MANAGEMENT-5TH YEAR ONGOING),

MS(M.TECH/MBA)QUALITY MGMT. FROM BITS, PILANI

B.E. MECHANICAL ENGINEERING FROM JECRC, JAIPUR

**CURRENT ROLE -**SENIOR QUALITY/HR MANAGER, FACULTY AT ABHINAV ARTS NATA ACADEMY

&

RESEARCH SCHOLAR AT IIS DEEMED TO BE UNIVERSITY JAIPUR

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#  PROFILE

Award-Winning Researcher, Trainer, Quality and Human Resource Management Professional, Mechanical Engineer, Assistant Professor

Experienced in design of training programs for the entire worforce in diverse contexts for reducing customer complaints and increasing customer satisfaction and policy formulation , Trained in Quality Tools , ISO 9001 internal auditor by Bosch Limited, Jaipur and ISO 14001 by Whirlpool of India Limited ,Pune .Worked with the prestigious Indian Institute of Management Indore as an Academic Associate in Operations Management and Quantitative Techniques Department and Assistant Professor in Mechanical Engineering Department at JECRC, Jaipur .

#  ACADEMIC RESULTS

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| --- | --- | --- | --- | --- |
| 10TH (%)AISSE | 12TH ( %)AISSCE | Engineering (%) | M.S (CGPA) | Phd CW (CGPA) |
| St.Xaviers,Jaipur CBSE | St.Xaviers,Jaipur CBSE | JECRC, Rajasthan Univ. | WILP,BITS-Pilani | IIS Univ. |
| 79 | 74.2 | 80.17 | 8.22 | 7.88 |

#  Note : 8 credits earned at Manipal University Jaipur during PHD Coursework with 82% marks from January 2016-March 2017

# CONNECT

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Rajasthan, India. PIN 302020

Linkedin Address: https://www.linkedin.com/in/joohi-chaturvedi-433aab11/

# CORECOMPETENCY

# Quality Management & Methods

# Human Resource Management/Development

Lean Wastes, Training Design ,

Research Methodology, Team Building

#  ROLES PLAYED AND COURSES TAUGHT

**Roles Played** : Coordinator for Quality Methods ,Customer Support Executive ,Internal Auditor Quality Management Systems ,Assessor Quality Methods ,Member of Bosch Connect Editorial Team ,Internal Faculty/Trainer for Quality Methods for ITI passouts /Managers/Engineers/Engineering Students , Assistant Professor ,Student Development Officer ,Quality Assurance Manager ,HR Manager ,Academic Associate ,Craftsmanship Auditor ,Internal Auditor Environmental Management Systems and Occupational Health and Safety Assessment standard ,Assessor for Quality Pillar of Whirlpool Production System, Kaizen Initiator , Continuous Improvement Manager , Corporate Social Responsibility Manager ,

**Courses Taught**: 8 Discipline , Failure Mode Effect Analysis , ISO 14001 Environmental Management Systems , Machine Design , Engineering Drawing ,Laws for Engineers ,ISO 9001 and TS 16949 Quality Management Systems , 7 Elementary Quality Tools Quality Function Deployment, Statistical Process Control , Product Liability ,Quality Assurance Matrix , Engineering Drawing, Managing Urban Waste and Managing Climate Change using Standards, English , General Aptitude ,Maths

# CERTIFICATIONS & MEMBERSHIPS

* ZED Certified Consultant
* ISO 9001 Internal Auditor
* ISO 14001 Internal Auditor
* ZED Certified Consultant
* Bosch Diesel Systems Certified Assessor (8D,SPC,FMEA,QAM)
* Lifetime Member of Indian Society for Quality
* Lifetime Member of Institute of Scholars, Bangalore
* Six Sigma Green and Black Belt Certified
* Guest Faculty at HCM RIPA for Waste Management
* Guest Faculty at IIQM for Environmental Management Systems covered under MS (M.Tech/MBA) Quality Management by BITS Pilani

# RECENT AWARDS AND RECOGNITIONS

**Research Excellence Award** *2021,2022*

# *Institute of Scholars , Bangalore*

# Researcher of the Year Award 2020 : 2022

# *IIS Deemed to be University, Jaipur*

**Best Paper Award :ICSSR Sponsored Multi-Disciplinary Conference** 2022

#  *St.Xaviers College , Jaipur*

**PUBLICATIONS**

## BOOK CHAPTERS

* Chaturvedi, J., & Rai, M. (2019). Employability and Skill Development in India : A Review and Future Directions. Inspira Research Foundation. doi:https://doi.org/10.5281/zenodo.4113812

# PAPERS PUBLISHED IN JOURNALS

* Chaturvedi, J., & Rai, D. (2021, May). Effectiveness Of Placement Strategy In Higher Education. *Langlit, 7*(4), 129-149.
* Chaturvedi, J., & Rai, D. (2021, March 21). Effectiveness of Training Program on “Design & Analysis of Machines Using MATLAB & Motionview”. *IETE Journal of Research*. doi:10.1080/03772063.2021.1896978
* Chaturvedi, J., Rai, D., & Chaturvedi, D. (2020). Higher Education Effectiveness through Instilled Values in Students. *International Journal of Scientific Research and Engineering Development, 3*(5), 618-629. doi:10.5281/zenodo.4105829
* Chaturvedi, J., Agarwal, A., & Patodia, A. (2018, July). Managing Organisational and Management Challenges in India. *Journal of Entrepreneurship and Organization Management, 7*(2). doi:10.4172/2169-026X.1000235
* Chaturvedi, J., Chaturvedi, A., & Bandopadhyay, D. (2020, March). Solar Photovoltaic Materials : A review and future directions. *Studies in Indian Place Names, 40*(60), 4921-4946. doi:https://doi.org/10.5281/zenodo.4112762
* Chaturvedi, J., Chaturvedi, D., & Chaturvedi, A. (April, 2020). Daily Waste Management Practices in Service Sector Enterprises. *International Journal of Trend in Scientific Research and Development, 4*(3), 826-845. doi:https://doi.org/10.5281/zenodo.3892706
* Chaturvedi, J., Chaturvedi, D., & Chaturvedi, D. (n.d.). Hermeneutics Through Dictionary. *Studies in Indian Place Names, 40*(60), 1806-1822. doi:https://doi.org/10.5281/zenodo.411221
* Chaturvedi, J. (2020, April). Emerging Organizations Follow Dr.Deming's Philosophy. *International Jouranl of Trend in Scientific Research and Development, 4*(3), 989-996. doi:https://doi.org/10.5281/zenodo.3892825
* Chaturvedi, J., Chaturvedi, D., & Chaturvedi, A. (2020, August). Skill Development in Educational Institutions. *International Journal of Trend in Scientific Research and Development, 4*(5), 1651-1663. doi:https://doi.org/10.5281/zenodo.4008862
* Chaturvedi, J., Rai, D., & Chaturvedi, A. (2020, October). Effectiveness of Online Meditation Programs. *International Journal of Trend in Scientific Research and Development, 4*(6), 1107-1119. doi:https://www.ijtsrd.com/papers/ijtsrd33582.pdf
* Chaturvedi, J., Rai, D., & Chaturvedi, D. (2020, December). Higher Education Effectiveness through Instrumental and Terminal Values. *OORJA, 18*(1), 31-52. doi:http://doi.org/10.5281/zenodo.4501713
* Chaturvedi, J., Chaturvedi, A., Chaturvedi, D., Chaturvedi, M., Chaturvedi, D., & Chaturvedi, D. (2021, November). Management Development Programs and Consensus Building through Management Development Games. *International Research Journal of Humanities and Social Scienes, 2*(11), 138-154. doi:https://doi-ds.org/doilink/11.2021-99383323/IRJHIS2111022
* Chaturvedi, J., & Rai, D. (2021, November). Effectiveness of Spoken Tutorial Method in Software Training. *The IIS University Journal of Commerce & Management*, 43-56. Retrieved from http://iisjcm.org/sites/default/files/IISJCM/2021/5.pdf

## PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

* Chaturvedi Joohi, C. A. (2015). Skill Development in Educational Institutions. Asian *Network for Quality.* Taipei.
* Chaturvedi, J., & Rai, D. (2020). Effectiveness of Online Training Programs. *ANQ 2020 Congress Proceedings New Quality & New Trust:Measuring and Sharing of QTI*, (pp. 238-260). Seoul,Korea. Retrieved from https://anq2020.org/wp-content/uploads/2020/10/ANQ-2020-proceeding-v.3.pdf

**CONFERENCE PRESENTATIONS & AWARDS WON**

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| --- | --- | --- |
| Number of National/International Conference Participations | Number of National/International Conference Presentations | Awards Won |
| 29 | 27 | 10 |

# PREVIOUS AFFILIATIONS

**22.01.16- till date : Senior Quality and HR Manager at Abhinav Arts Research Development and Academic Society(AARDAS)**

a) Continuous Improvement Manager

b) Started Management Information System for NATA results @ Abhinav Arts NATA Academy

c) Conducted Maths , English lectures and Multiple Intelligence Tests based on Howard Gardener Model

e) Responsible for the Quality Management of the academy and Human Resource Management related activities

f) Won the best kaizen award given by Quality Council of India for elimination of mouse and using unified remote control app for same at the academy.

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**17.01.17-24.02.17 :Assistant Professor at Global Institute of Technology ,Jaipur**

a) Taught Laws for engineers, Advance Machining Processes, Machine Drawing for one month 8 days at Global Institute of Technology as a visiting Asst.Professor.

**25.06.15- 15.11.15 : Deputy Manager –Quality at Whirlpool of India Limited , Pune**

a) Won Best 5S Workstation Award ( 1st and 2nd position ) consistently for 2 months @Whirlpool of India Limited

b) Responsible for System and Process Audits at Whirlpool

c) Responsible for 8D Coordination

d) Responsible for Quality Pillar of Whirlpool Production System

e) Responsible for Craftsmanship Audit ( audits based on aesthetics )

**30.07.14-19.06.15: Academic Associate at IIM Indore**

a) Started grading class participation **@ IIM Indore** by measuring the number of times students speak in class at level 1 ,Maturity assessment with level 2 proposed as measuring and filtering whether spoken content was relevant or not.

b) Assisting faculties in grading of students and class activities and improving pedagogy

**08.07.13-25.07.14: Quality and HR Manager at Abhinav Arts Research Development and Academic Society (AARDAS)**

a) Started Multiple Intelligence Test module based on Howard Gardner’s Model and Motivational and Self Awareness sessions at AARDAS

b) Conducted Maths , English lectures

c) Started Kaizen initiatives at NATA Academy with the first Kaizen for using attendance sheets in Microsoft Excel thereby replacing attendance in registers

 **02.01.13-05.07.13: Assistant Professor at JECRC, Jaipur**

Played a vital role @ JECRC in suggesting cost saving methods for:

1. Recording student attendance by elimination of registers
2. Created awareness of electricity cost through drive to save electricity
3. Preparing a cleanliness standard for 5S; introducing Credit System for students for 5S initiatives
4. Taught Engineering Mechanics and Engineering Drawing to first year Engineering students
5. Proficient in Devising Placement Strategy for college & Continuous improvement of college systems i.e. Administrative & Educational

**15.12.09-26.11.12: Senior Engineer / Engineer at Bosch Limited, Jaipur**

a) Played a vital role in strengthening problem solving approach “DMAIC”of Six Sigma and coordinated for 76 Quality Problem Solving Projects @ Bosch Limited Jaipur .

b) Internal Faculty for Quality tools ( Statistical Process Control, Failure Mode Effect Analysis, Quality Assurance Matrix , 8 Discipline ), EMS basics and Continual Improvement , Product Liability, Awareness on TS-16949 Standard, Assessments & Control of Documents with faculty rating greater than 2.5 on a scale of 4

c) Investigated and defined preventive and detective measures in a team for Customer Complaints ( 0-km and Field ) and updated Process Failure Mode Effect Analysis

d) Proficient in managing documents to ensure control of documents as per ISO 9001

e) Strengthened DIR (Do it Right Communication Session for Associates) through Quality Assurance Matrix

f) Updated the control plan of Support Ring and TD Piston as per Bosch guidelines

g) Introduced 10 points to improved work instructions in miscellaneous components area as a Production Planner which was a preliminary activity for job analysis .

h) Started awareness session for associates highlighting the importance of cost increase with value addition in process

i) During coordination Bosch Jaipur Plant improved in Q Methods Assessment Scores for 8D from (82 to 86), FMEA from (73 to 78), QAM from (68 to 83) & SPC from (69 to 86) % in 2011

j) Served as a team member in Team Competent People in Lakshya 99 drive to reduce 0 mileage ppm from 1000 to less than 3 digit ppm & designed Lakshya 99 training program for all engineers

k) Updated the Layered Process Confirmation checklist in Plant based on user feedback to strengthen LPC

l) Started month-on-month SPC station audits to ensure better adherence to SPC Guidelines

m) Plant Coordinator for Layered Process Confirmation & Quality Problem Solving , Lessons Learned, 8 Discipline, Good Practices & Quality Assurance Matrix ,Failure Mode Effect Analysis & Elementary Quality Assurance Tools ,Trial Order, Department Training Coordinator & Pilot Order Coordinator ,Knowledge Management Coordinator

**13.10.08-14.12.09 : Trainee Engineer / Graduate Apprentice at Bosch Limited ,Jaipur**

a) Reviewed 10 process Failure Mode Effect Analysis for occurrence & detection ratings

b) Developed defect catalogue for all 0-km complaints for knowledge management & documentation

c) Strategized ten points to zero defect for transit damages which resulted reduction in ppm from 400 to 88

d) Initiated Mindset Change Project for boosting the morale of associates & team leaders by conducting a training on positive approach & mindset through a presentation

e) Gave Voice for Service Video prepared for dealers which was an aid in repairing the pumps under warranty systematically

f) Worked for reviving “Zero Defect Approach” in plant