

QCFI – UEM JAIPUR NEWSLETTER

Official Newsletter of the Quality Circle Forum of India –
UEM Jaipur Chapter

THEME

*Building a Culture of
Quality, Innovation & Excellence*

Empowering Students • Inspiring Faculty • Transforming Institutions

HIGHLIGHTS INSIDE

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“
*Driving Quality
Excellence
for a Better
Tomorrow.*
”

QUALITY • COLLABORATION • EXCELLENCE



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University of Engineering
& Management, Jaipur



Dear QCFI Fraternity,

It is a matter of great satisfaction to see the University of Engineering & Management, Jaipur enter into partnership with the Quality Circle Forum of India through the formation of our new QCFI–UEM Jaipur Chapter.

At UEM, we have always believed that education does not end in the classroom – it must translate into discipline, method, and continuous improvement in everything our institution does. The Quality Circle movement embodies exactly this philosophy: small teams, working together, solving real problems, and building a culture where excellence is a habit rather than an event.

I am glad that our faculty have already taken the first step in this direction by completing QCFI's Train-the-Trainer programme and earning their certification.

I congratulate our Chapter Patron, the founding directors, coordinators, mentors, and every faculty member who has contributed to bringing this chapter to life. I have no doubt that this initiative will strengthen not only our institution's own processes but also give our students an early, practical understanding of what quality-driven thinking looks like in the real world.

My best wishes to the entire QCFI–UEM Jaipur Chapter team as they begin this journey.

Warm regards,

Prof. (Dr.) Biswajoy Chatterjee
Vice-Chancellor, University of Engineering & Management, Jaipur



Dear Quality Fraternity,

It gives me immense pride to introduce this first issue of Circle Notes, marking the formal beginning of the QCFI–UEM Jaipur Chapter.

Quality, in my experience, is never built through policy alone — it is built through people who choose, every day, to do their work a little better than the day before. That spirit is exactly what brought the Quality Circle Forum of India and the University of Engineering & Management, Jaipur together to sign our Memorandum of Understanding, and what carried our faculty through the Train-the-Trainer programme that followed.

I want to personally thank every faculty member who gave their time to this training and earned their certification — you are now the foundation on which this chapter's first quality circles will be built.

A chapter is only as strong as the people who show up for it, and in the pages that follow, you will meet the directors, coordinators, mentors, and members who have already begun that work. I am confident that what we start here, quietly and carefully, will grow into something the wider QCFI community takes note of.

My congratulations to everyone involved, and my best wishes as we take this first step together.

Happy Reading!

Prof. (Dr.) Preeti Sharma

Chapter Patron, QCFI–UEM Jaipur Chapter

A Landmark Milestone – Memorandum of Understanding



On 9 November 2025, UEM Jaipur formalized its commitment to global standards by signing a landmark Memorandum of Understanding with the Quality Circle Forum of India (QCFI), Jaipur Sub Chapter. This high-impact collaboration is engineered to bridge the critical divide between academic theory

and industrial application, establishing a robust ecosystem where quality consciousness is nurtured as a core competency. The long-term vision focuses on producing industry-ready professionals equipped with the analytical rigor required to thrive in modern competitive landscapes.

Under this partnership, a Quality Circle Facilitation Centre (QCFC) is being established at UEM Jaipur to facilitate industry mentorship, quality management training, workshops, industrial visits, internships, hackathons, collaborative research and academic-industry events. The collaboration will further promote departmental Quality Circles aligned with IQAC initiatives and NAAC quality benchmarks while equipping learners with competencies in Lean Management, Kaizen, Six Sigma, Total Quality Management (TQM), Industry 4.0 and World Class Manufacturing.





Governing Council Meeting

The Governing Council Meeting of the Quality Circle Forum of India (QCFI) was held on 28th January 2026, bringing together the esteemed members of the Governing Council. The meeting was presided over by Shri Avinash Mishra, President, QCFI, Hyderabad; Shri Avinash Upadhyay, Director, QCFI North Zone; Dr. N. K. Sharma, Chairman, Udaipur Chapter and Mentor to Jaipur Chapter; and Dr. Manoj Meshram, Chairman, QCFI Jaipur Chapter. The meeting witnessed highly fruitful deliberations on strengthening Quality Circle initiatives, promoting organizational excellence, enhancing member participation, and charting strategic directions for the continued growth and development of QCFI. The discussions reflected a shared commitment towards fostering a culture of quality, innovation, and continuous improvement across industries and educational institutions.



FROM STRATEGY TO ACTION

In the wake of the MoU, a series of high-level planning sessions transitioned our collective vision into a concrete implementation framework. These deliberations introduced the faculty to the QCFI philosophy—a national movement dedicated to workplace excellence. Our operational focus has been meticulously categorized into two primary domains:

- **Advanced Quality Methodologies:** Comprehensive training in Lean Management, Six Sigma, Total Productive Maintenance (TPM), FMEA, and ISO systems.
- **Implementation Paradigms:** Developing the 'Learn and Apply Model,' conducting industrial need analysis, and establishing the Student Club to ensure workplace problem-solving becomes a daily habit.

INTERNAL TRAINING

Central to our sustainability strategy was the intensive 'Train the Trainer' program, a rigorous capacity-building initiative conducted in two high-impact sessions on April 14, 2026 and April 29, 2026. This comprehensive certification journey consisted of six meticulously designed modules that systematically transitioned participants from the foundational pillars of quality philosophy to advanced analytical problem-solving techniques.

By emphasizing an experiential learning approach, the training transformed an elite cohort of fifteen faculty members into certified quality mentors. These educators are now equipped with the sophisticated facilitation skills and mentoring strategies required to champion organizational change, ensuring that the 'Learn and Apply' model is seamlessly integrated into the academic fabric through hands-on, project-driven guidance across all departments.



DISTINGUISHED RESOURCE PERSONS

Mr. Rajesh Solanki: A titan in the domain of quality transformation, Mr. Solanki brings over four decades of unparalleled expertise in Lean Six Sigma and operational excellence. Having collaborated with leading global organizations, he has been a driving force in guiding premier higher education institutions toward achieving coveted accreditations and academic excellence. As the Director, Industry Interface at UEM Jaipur, he serves as a pivotal bridge between academic rigour and industrial innovation, shaping the next generation of industry-ready professionals.

Dr. Vinod Yadav: Standing at the intersection of advanced research and practical application, Dr. Yadav is an esteemed faculty member at the Department of Mechanical Engineering, Manipal University Jaipur, and the Joint Secretary of the Quality Circle Forum of India (QCFI), Jaipur Chapter. With a Ph.D. from MNIT Jaipur and over 50 research publications, he is a formidable authority on Lean Manufacturing, Industry 4.0, and Quality Management. He is deeply dedicated to fostering innovation, having successfully mentored numerous Green Belt projects and actively bridging the gap between theoretical research and real-world industrial practice.



Quality Circle
Forum of India



UEM JAIPUR QCFI
STUDENT CHAPTER



Quality Circle
Forum of India



UEM JAIPUR QCFI
STUDENT CHAPTER

UEM JAIPUR QCFI STUDENT CHAPTER TRAIN THE TRAINER PROGRAM

Date: 14th April, 2020⁶ | 10:30am to 4:00pm

Speaker



Prof. Rajesh Solanki
Governing Council
Member, QCFI

Organized by: Quality Circle Forum of India (QCFI)
Jaipur Sub Chapter

Venue: UEM Jaipur City Office, Apex Tower,
2nd Floor, Lalkothi, Jaipur

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CERTIFIED QUALITY MENTORS

DESIGNATION / ROLE		MEMBER(S)	
	CHAPTER PATRON	● Prof. Manoj Meshram ● Prof. Dr. Preeti Sharma	
	CHAPTER CHAIR – GOVERNANCE & COMPLIANCE	● Dr. Ramesh Mittal	
 FACULTY ADVISORY BOARD		Prof. Anil Mehta – Director, Academic Excellence	
		Prof. Rajesh Solanki – Director, Industry Interface	
		Prof. Ashok Sharma – Director, Continuous Improvement	
		Prof. Dr. Preeti Sharma – Director, Academic Excellence	 Team: Dr. Shivam Chauhan, Mr. Avinash Jha
		Prof. Dr. Umesh Gurnani – Director, Research & Innovation	 Team: Dr. Abheek Gupta, Dr. Ashutosh Singh
		Prof. Dr. Govind Goyal – Director, Capability Development	 Team: Mr. Subhro Chakraborty, Dr. Pooanam Jakhar
		Dr. Sweta Pareek – Director, Student Engagement	 Team: Dr. Yogesh Kumar Jakhar, Dr. Chhavi Vijay
		Prof. Md. Iqbal Ahmad – Director, Quality Systems	 Team: Mr. Surajit Sur, Mr. Sandeep Patidar



“ The UEM QCFI Student Chapter is designed as a dynamic engine for student-led innovation and workplace preparedness. More than just a club, it is a platform for leadership development. In the coming phase, selected Quality Ambassadors from each department will act as catalysts, mobilizing their peers to solve real-world institutional and industrial challenges through structured, data-driven methodologies. ”

University of Engineering & Management (UEM), Jaipur



Prof. (Dr.) Preeti Sharma

(Chapter Patron)

Prof. (Dr.) Preeti Sharma is a visionary academic leader and globally recognized scholar with over two decades of experience in management education, research and institutional leadership. She currently serves as Associate Dean, School of Management, UEM Jaipur, having previously served as Professor and Head, Department of Management Studies. A gold medalist and distinguished alumna of IIM Kashipur, she has authored 8 books and published 65+ research papers spanning finance, economic development, Artificial Intelligence and IoT. She serves as Editor-in-Chief of the UEM International Journal of Economics and Management, was conferred the Sahara Charitable Trust's Super Women Award in 2023, and represented UEM at the FICCI Leadership Development Program 2024.



Prof. (Dr.) Umesh Gurnani

(Director, Research & Innovation)

Prof. (Dr.) Umesh Gurnani is an accomplished academic leader serving as Controller of Examinations and Head, Department of Mechanical Engineering at UEM Jaipur. He holds a Ph.D. in Ergonomics & Engineering Design and brings over 20 years of experience in academia and industry, including 13 years leading the Mechanical Engineering Department. His research centers on Total Quality Management, Lean Manufacturing, Value Engineering and Ergonomic Design. He has built institutional capacity by establishing the Centre of Excellence for Sustainability, the ISHRAE and ASHRAE student chapters, NPTEL local chapter, SAE India Collegiate Club, and the UEM Motorsports and Aeromodelling Clubs, mentoring 70+ student projects to national rankings in BAJA SAE and NKRC Go-Kart competitions.



Prof. Md Iqbal Ahmad

(Director, Quality Systems)

Prof. Md Iqbal Ahmad serves as Director, Quality Systems for the QCFI–UEM Jaipur Chapter and is an Assistant Professor in the Department of Mechanical Engineering at UEM Jaipur. His teaching portfolio spans Engineering Mechanics, Thermodynamics, Production & Operations Management, and Total Quality Management, with a consistent emphasis on practical, industry-oriented learning. His research interests focus on solar thermal systems, renewable and sustainable energy technologies, and air-conditioning systems. Beyond his core discipline, he actively guides interdisciplinary student projects in IoT and AI-based systems, encouraging cross-domain thinking. Prof. Ahmad is committed to fostering innovation and preparing students with the technical and analytical skills needed for modern industrial and environmental challenges.



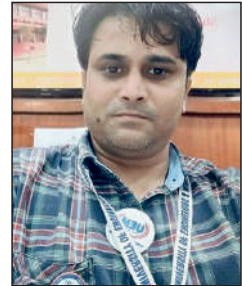
University of Engineering & Management (UEM), Jaipur



Prof. Surajit Sur

(Director)

Prof. Surajit Sur serves as Director for the QCFI–UEM Jaipur Chapter and is an Assistant Professor in the Department of Electronics & Communication Engineering at UEM Jaipur. He completed his B.Sc. (Hons.) and M.Sc. in Electronics from the University of Calcutta, followed by an M.Tech in VLSI from West Bengal University of Technology, and is currently pursuing his Ph.D. at the National Institute of Technology, Patna. He has authored 16 publications at reputed international conferences and journals, including IEEE and Springer, spanning terahertz (THz) antennas and absorbers, biosensors, computational electromagnetics, and AI-based system design. He plays a key role in guiding student projects and promoting research-oriented education.



Sandeep Patidar

(Coordinator, Quality Systems)

Sandeep Patidar serves as Coordinator, Quality Systems for the QCFI–UEM Jaipur Chapter and is an Assistant Professor in the Department of Computer Applications at UEM Jaipur. A UGC NET-qualified professional, he holds a Master of Computer Applications from the National Institute of Technology, Jamshedpur, and a Bachelor's degree from Christian Eminent College, Indore. He is skilled in programming, SQL, Microsoft Office, and Machine Learning, maintaining a balanced focus on theoretical concepts and practical implementation. Dedicated to mentoring the next generation of technologists, he brings a disciplined, methodical approach to teaching and continuous learning — qualities that align closely with the Quality Circle philosophy he now helps bring to the UEM Jaipur campus.



Avinash Kumar Jha

(Member, Research & Innovation)

Avinash Kumar Jha serves as Member, Research & Innovation for the QCFI–UEM Jaipur Chapter and is an Assistant Professor in the Department of Humanities at UEM Jaipur. His work focuses on the practical application of economic theory to contemporary global challenges, specializing in Behavioral Economics and Microeconomic Theory, with a teaching portfolio spanning Economics and Econometrics. He is particularly engaged in integrating the Indian Knowledge System (IKS) with modern economic frameworks, exploring the intersection of ancient Indian economic thought — specifically principles from the Arthashastra and Dharmic ethics — with contemporary issues such as sustainable development, welfare economics, and corporate governance.



University of Engineering & Management (UEM), Jaipur



Prof. Subhro Chakraborty

(Member, Capability Development)

Prof. Subhro Chakraborty serves as Member, Capability Development for the QCFI–UEM Jaipur Chapter and is Head of the Department of Civil Engineering at UEM Jaipur. He completed his B.E. in Civil Engineering from Visvesvaraya Technological University, Belgaum, and his M.Tech in Structural Engineering from West Bengal University of Technology, Patna. His research interests include Structural Health Monitoring, Concrete Technology, and Soft Computing Techniques in Civil Engineering. As a faculty member, he plays a significant role in fostering technical knowledge, guiding student projects, and promoting research-oriented learning aligned with UEM's emphasis on innovation and outcome-based education.



Dr. Yogesh Kumar Jakhar

(Member)

Dr. Yogesh Kumar Jakhar serves as Member for the QCFI–UEM Jaipur Chapter and is an experienced academician and researcher in Computer Engineering with over 17 years of teaching experience. Currently an Associate Professor at UEM Jaipur, he specializes in machine learning, data mining, artificial intelligence, and data analytics. He holds a Ph.D. in Computer Engineering and has contributed significantly to research through numerous Scopus-indexed publications and patented innovations, including work on rainfall-prediction models and AI-based systems. Dr. Jakhar has guided many student projects and actively participated in conferences, workshops, and faculty development programs, establishing himself as a dedicated educator and contributor to technological advancement.



Dr. Sweta Pareek

(Associate Professor, HR Management)

Dr. Sweta Pareek is an accomplished Associate Professor at UEM Jaipur with over eight years of experience in teaching, research, and academic coordination. She specializes in Human Resource Management and holds a Ph.D. from Jayoti Vidyapeeth Women's University. A Gold Medalist in BBA and Silver Medalist in MBA, she has published numerous papers in UGC CARE and international journals focusing on AI, compensation management, and employee performance, and has filed multiple patents and copyrights in management and technology. Actively involved in organizing conferences, Faculty Development Programs, and mentoring initiatives, Dr. Pareek brings this same rigor and dedication to the QCFI–UEM Jaipur Chapter.



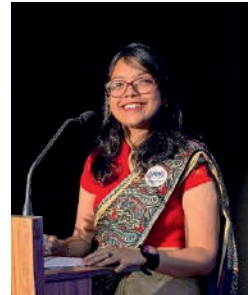
University of Engineering & Management (UEM), Jaipur



Dr. Chhavi Vijay

(QCFI Member — Student Engagement)

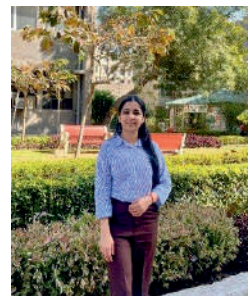
Dr. Chhavi Vijay serves as a QCFI Member on the Student Engagement Team and is a dedicated physiotherapist with a strong foundation in orthopedic rehabilitation. She completed her Masters in Orthopedics from Guru Nanak Dev University, Amritsar, and currently serves as an Assistant Professor in the Department of Physiotherapy at UEM Jaipur. Driven by resilience and a strong work ethic, she integrates evidence-based practice into personalized treatment strategies that empower individuals to regain function, mobility, and confidence. Alongside her clinical work, she maintains a keen interest in academics and research, aiming to contribute meaningfully to physiotherapy education and ongoing advancements in the field.



Dr. Poonam Jakhar

(QCFI Member — Capability Development)

Dr. Poonam Jakhar serves as a QCFI Member on the Capability Development Team and is an accomplished physiotherapist and academician specializing in orthopaedic physiotherapy. She completed her BPT and MPT (Orthopaedics) from Mahatma Gandhi Medical College, Jaipur, securing top positions during her academic tenure. She currently serves as an Assistant Professor at UEM Jaipur, where she plays a key role in teaching, mentoring, and skill development of physiotherapy students, particularly in electrotherapy. Through her involvement with the QCFI Capability Development Team, she actively contributes to quality-improvement initiatives, with particular interest in evidence-based practice, clinical rehabilitation, and innovative approaches to physiotherapy education.



Dr. Ashutosh Singh

(Assistant Professor, Physiotherapy)

Dr. Ashutosh Singh is an Assistant Professor at UEM Jaipur and a Ph.D. candidate in Sports Sciences and Medicine, bringing a strong clinical and academic grounding in physiotherapy to his teaching. He is committed to integrating academic excellence with practical application, ensuring that students move beyond textbook theory into confident, evidence-based clinical practice. His interests lie at the intersection of sports science and rehabilitation, an area increasingly relevant as physiotherapy expands beyond clinical recovery into performance and injury-prevention work for athletes and active individuals. As the QCFI-UEM Jaipur Chapter takes shape, he brings the same disciplined, outcome-focused mindset from his clinical training to its early quality-improvement efforts.



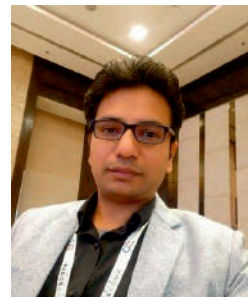
University of Engineering & Management (UEM), Jaipur



Dr. Govind Rai Goyal

(Professor, Electrical Engineering)

Dr. Govind Rai Goyal is a Professor in the Department of Electrical Engineering at UEM Jaipur. He earned his B.E., M.E. and Ph.D. in Electrical Engineering, specializing in Automation & Control and Power Systems, from the National Institute of Technology, Kurukshetra. With 15 years of experience in teaching, research, and academic administration, he also serves as an IQAC member, Coordinator of the IPR-TT Cell under IIC, and Professor In-charge of the Ph.D. Cell at UEM Jaipur. His fields of interest include Power Systems, Smart Grid, Energy Management, Demand Side Management, Dynamic Pricing, and applications of Artificial Intelligence — expertise he now extends to the QCFI-UEM Jaipur Chapter's quality-improvement initiatives.



Dr. Shivam Chauhan

(Associate Professor, Civil Engineering)

Dr. Shivam Chauhan is an Associate Professor in Civil Engineering and serves as PhD Coordinator at UEM Jaipur. He earned his Ph.D. and M.Tech (Water Resources Engineering) from Malaviya National Institute of Technology, Jaipur, achieving a distinguished 8.85 CGPA. His technical expertise spans Hydraulics, Remote Sensing, and GIS-based hydrological modeling, with contributions to Urban Heat Island analysis and Land Surface Temperature prediction using Machine Learning and satellite data. A GATE-qualified scholar and former Research Assistant at the Central Water Power Research Station, he has authored numerous SCI and Scopus-indexed publications and holds patents in sustainable construction materials and seismic analysis. He also serves as an Innovation Ambassador for the Ministry of Education's Innovation Cell.



PROPOSED ACADEMIC CALENDAR

The following calendar outlines our strategic roadmap for the upcoming semester, providing a clear trajectory for student engagement and skill acquisition.

 MONTH	 ACTIVITY	 OUTCOME
 AUGUST	 Student Chapter Launch & Quality Ambassador Selection	 Formation of Departmental Quality Circles
 SEPTEMBER	 7 QC Tools & Kaizen Workshop	 Hands-on quality tool training
 OCTOBER	 Campus Quality Improvement Challenge	 Student-led improvement projects
 NOVEMBER	 Interdepartmental Quality Circle Convention	 Presentation and recognition of best projects

We encourage all faculty and students to actively participate in these sessions as we collectively redefine the standards of academic and professional excellence at UEM Jaipur.

