



Preventive and Predictive Maintenance

Become a Super Specialist of Plant Maintenance Management Systems.

**EXCLUSIVE INDUSTRY BASED
"ONE YEAR POST GRADUATE DIPLOMA COURSE"
FOR INDUSTRY PROFESSIONALS & ENGINEERING
STUDENTS APPROVED BY ADITYA UNIVERSITY
ACCREDITED BY NBA AND NAAC A++**

12 MONTHS | BLENDED | ONLINE | WEEKEND LEARNING

MUNJAL GROUP, ICME & ADITYA UNIVERSITY INITIATIVE

Director's Message



Gaurav Munjal
Director, EdutechNest

Dear Colleagues,

It is with great pleasure that I share the launch of our one-year online Post-Graduate Diploma Programs at EdutechNest, an initiative by the Munjal Group and Indian Centre for Research and Manufacturing Excellence (ICME). These programs have been carefully designed to address the evolving needs of industry professionals and engineering students, equipping them with the necessary skills and knowledge to excel in their respective domains.

In today's dynamic environment, continuous learning is imperative. Our diplomas serve as conduits between academic theory and industrial practice, perfect for professionals aiming to upgrade their skills or students stepping into the professional realm.

Our advantage lies in our commitment to quality and forward-thinking. In partnership with industry leaders and esteemed academics, we have crafted a curriculum that is relevant today and adaptable for tomorrow. Our courses cover the latest in technology and industry developments, ensuring you are well-prepared for the future.

We recognize the importance of flexible learning. Our programs offer a mix of online classes, interactive workshops, and practical projects, allowing you to learn without compromising your work or personal life. Our faculty is committed to guiding you at every stage.

As we embark on this exciting journey, I am confident that our programs will be instrumental in your growth. EdutechNest is here to support your career goals or personal passions.

I extend my heartfelt gratitude to our esteemed partners, faculty members, and students for their unwavering support and enthusiasm. Together, let us chart a course toward a brighter future filled with boundless opportunities.



A D I T Y A
UNIVERSITY

Aditya University Pro- Chancellor Message



Dr. N. Satish Reddy
Pro- Chancellor
Aditya University

Dear Colleagues,

Being a direct descendant of Aditya, I am cognizant of the arduous efforts my father exerted to establish Aditya on the academic landscape of the nation during its numerous expansion phases, despite the most trying circumstances.

Having earned my master's degree from UTS Australia, the preeminent institution on the continent, I now have a more profound comprehension and discernment of the education system. This, in conjunction with my father's ideology, empowered me to assume the responsibility of guiding Aditya.

Founded on the tenets of quality and excellence, Aditya University (formerly known as Aditya Engineering College), Surampalem provides professional education in the fields of engineering, technology, management, and pharmacy.

The campus has come a long way since its 2001 founding thanks to its steadfast dedication to educating students in science and technology and enriching human knowledge. The primary objective of the institution is to ensure that academic pursuits have real-world applications.

Aspiring students can find a wealth of resources on campus that will serve as a solid foundation for their future careers in business. With its many programmes, T-Hub exemplifies the boundless possibilities available to students today, including internships on campus, opportunities to build partnerships with corporate and industry giants, and the competitive inputs necessary to become T-shaped engineers.

Making the campus the "first stop" for companies in recruiting is Aditya's ultimate goal. Because of this, the training and placement cell is very careful to mould students into workers that meet the demands of the market.

We place a lot of focus on students' overall personal development because we know that the demands of the workplace go beyond rote memorization and grades. Many student-run organizations and annual events, such as VEDA (the technical fest) and COLOURS (the youth fest), serve to foster and showcase students' hidden talents.

Finally, a desire can change nothing, a decision can change something, but a determination can change everything. For sure Aditya is strongly determined to provide its students a successful career. Wish you good luck.

Director's Message



Ravinder Kumar
Director, EdutechNest

Dear Colleagues,

We're thrilled to announce our industry-based one-year online Post-Graduate Diploma Programs at EdutechNest, a pioneering venture brought to you by the esteemed collaboration of the Munjal Group and the Indian Centre for Research and Manufacturing Excellence (ICME) in collaboration with Aditya University.

Globalization of the markets has put great Competitive pressure on the Manufacturing and Service Industry. The key to sustained economic success in Today's VUCA World will be consistent upgradation of Skills & Capabilities at the Individual Level and Organizational level. Though the Indian Government is emphasizing 'Make in India', at the same time the Skill gap between Industry and Professionals / Engg students is increasing each passing year leading to an increase in the Cost of Manufacturing & Services, due to evolving Technologies, Systems, and Practices.

A fine chisel is recognized by its cutting Edge, it makes no difference how finely it is made what splendid steel it has, or how well it is forged- if it has no cutting Edge.

"Cutting Edge is the Key"

Diagnosis of problems in Business, It's Measurement, Analysis, and solving, are the Keys to Today's Business requirements. Edutechnest -Programs are designed to develop the Cutting Edge of Professionals in Diagnosis, Measurement, Analysis, and practical Solution Development Models using the right "Japanese Tools and Techniques" after practically implementing them in 500+ organizations globally in 30+ Business Sectors.

IMPROVE OVERALL PLANT OEE

To improve Overall Equipment Effectiveness (OEE) in a plant, it's crucial to address the 16 types of losses identified in Total Productive Maintenance (TPM). These losses include:

1. **Equipment Failure:** Downtime due to breakdowns or malfunctions.
2. **Setup and Adjustment:** Time lost during changeovers and adjustments.
3. **Idling and Minor Stoppages:** Brief pauses or interruptions that accumulate over time.
4. **Speed Loss:** Reduced speed compared to optimal performance.
5. **Defects in Process:** Scrap or rework caused by process errors.
6. **Reduced Yield:** Lower than expected output due to inefficiencies.
7. **Reduced Rate:** Production rate lower than the maximum possible.
8. **Process Rework:** Extra work is required to correct errors or defects.
9. **Waiting:** Idle time due to material, information, or personnel delays.
10. **Operator Care and Process Improvement:** Time spent on non-value-added activities.
11. **Planned Maintenance:** Scheduled downtime for preventive maintenance.
12. **Quality Loss:** Scrap, rework, or customer complaints due to quality issues.
13. **Management Loss:** Inefficiencies stemming from poor planning or decision-making.
14. **Skill Loss:** Reduced efficiency due to inadequate training or skill levels.
15. **Energy Loss:** Wastage of energy resources during production.
16. **Material Loss:** Scrap, rework, or loss of raw materials.

MACHINE LIFE FROM X TO 3X & MACHINE MAINTENANCE COST FROM X TO 0.5X

Extending Machine life from **X to 3X** is possible with **Preventive and Predictive Maintenance**, reducing downtime, optimizing maintenance schedules, and improving equipment reliability while reducing maintenance cost by 50%.

LEARNING OUTCOME OF THE PROGRAMME



Role of Leadership & Innovation in Maintenance Function



Tribology (Strength of Materials) & Machine BOM (Bill of Materials)



Understanding Wear & Tear and the Purpose of Lubrication



Spare parts Standardisation & Asset Management



Maintenance Planning and Scheduling



Machine Design Analysis, Cost Analysis, and Budgeting for Maintenance - The TPM way.



Maintenance Management via Data Analytics, Industry 4.0 & Dashboards



Capstone Project

One-year Post Graduate Diploma in Preventive and Predictive Maintenance

In today's fast-paced business environment, downtime is simply not an option. As an organization, Proactive maintenance strategies, such as Preventive and Predictive Maintenance, are essential for ensuring the reliability, efficiency, and longevity of our critical assets and equipment. Investing in these strategies not only minimizes the risk of unexpected failures but also optimizes operational performance and reduces costs in the long run. EdutechNest commitment to excellence extends from maintaining machinery to designing comprehensive maintenance plans. By building state-of-the-art maintenance labs, we stay ahead of technological advancements and leverage the power of machine learning to predict and prevent potential issues before they arise. This PG Diploma in Preventive and Predictive Maintenance equips our Professionals with the expertise to uphold these high standards, ensuring that we remain competitive and deliver consistent value to our customers.



**Comprehensive
Curriculum**



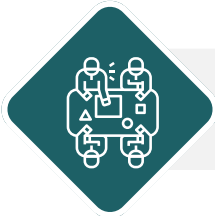
**Intellectual Property
Rights (IPR)**



**Maintenance System
Designing**



**Hands-On Workshops
& Simulations**



**Advanced Maintenance
Techniques**



**Expert Industry Faculty &
Consultants from leading
consulting firms**



Guest Lectures



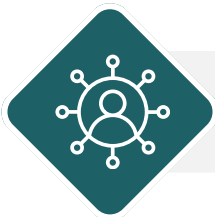
**Interactive Learning
Environment**



**Industry Best Case
Studies and Practices**



**Data Analytics, Industry
4.0 & Dashboards**



Career Growth



Job Assistance



Condition Monitoring Techniques:

In-depth study of various condition monitoring methods (vibration analysis, thermography, oil analysis, etc.).

Implementing sensors and monitoring equipment.

Reliability Centered Maintenance (RCM)

Application of RCM principles for optimizing maintenance processes.

Root Cause Analysis (RCA) methodologies.



Advanced Predictive Maintenance Technologies

Integration of technologies like IoT and AI for predictive maintenance.

Real-time monitoring and data analysis.



Maintenance Software Systems

Overview of Computerized Maintenance Management Systems (CMMS).

Implementation and utilization of maintenance software.



1)

- **Role of Leadership & Innovation in Maintenance Function**
- **Asset Management**
- **Maintenance Planning and Scheduling**
- **Types of Maintenance**
- **Tribology (Strength of Materials)**
- **Wear & Tear and its types**
- **Lubrication & its types**

- Good Maintenance Practices.
- The objective of Maintenance.
- Role of 5S, Safety, and CLITA in Maintenance.
- Understanding the life cycle of assets.
- Asset tracking, Valuation, and Disposal Strategies.
- Intellectual Property Rights (IPR).
- Techniques for effective maintenance Planning & Scheduling.
- Resource allocation and Optimization.
- Preventive, Predictive, Breakdown, Opportunity, Design.
- Wear & Tear, Friction, lubrication of Interacting surfaces.
- Focusing on Stresses and Strains.
- Adhesive Wear, Abrasive Wear, Corrosive Wear, Surface Fatigue.
- Liquid including Emulsion and Suspensions, Solid Lubricants, Grease Lubricants, Paste Lubricants.

Data Analytics, Industry 4.0 and Dashboards

2)

- **Power BI Installation, Setup, Dashboard, Power BI Basics and Visualization Design**
- **Key Performance Metrics and Indicators, Patterns and Trends.**
- **Tableau Basics, Tableau Visualizations.**
- **Advanced Column Operations and Data Transformation Techniques.**
- **Refining Visual Formatting, Crafting Diverse Visualizations**

- Power BI installation setup involves downloading and configuring the software to create and share interactive dashboards. Power BI basics and visualization design in Data Analytics, Integral to Industry 4.0, Enables businesses to extract insights and visualize data trends effectively.
- Key performance metrics and indicators (KPIs) in Data Analytics help track progress and measure success, while Industry 4.0 leverages advanced technologies to enhance productivity. Dashboards visualize these Metrics, Revealing patterns and Trends crucial for Data-Driven Decision-making.
- Install Tableau Desktop and connect to data sources.
- Creating Visuals: Use drag-and-drop to make and Customize charts and Dashboards.
- Techniques like creating calculated columns and custom aggregations to enhance Data Analysis.
- Processes such as Filtering, Pivoting, and Reshaping Data for Better Analysis and Reporting.
- Refining visual formatting enhances Clarity and Readability, ensuring data is presented effectively.
- Crafting diverse visualizations in Industry 4.0 dashboards aids in uncovering insights and supports quick, informed Decision-Making.

IPR(Intellectual Property Rights)

3)

- **IP system in USA, Europe and other Countries**
 - **Case studies**
 - **Copyright Registration and Infringement**
 - **Trademark Registration & Infringement**
- The IP system involves laws and regulations to protect intellectual property rights like patents, trademarks, and copyrights, with variations in enforcement and application across regions.
 - Context and background, Problem statement or issue, Analysis and Findings, Recommendations or outcomes
 - Legal protection, Filing process, Rights granted, Duration of protection
 - The application process, Types of marks (example, logos, slogans), Rights granted, Duration & Renewal.
 - Unauthorized use, Legal consequences, Defenses (example, fair use), Remedies

Implementation & Strategic Leadership

4)

- **Spare Parts Management**
 - **Implementation of Preventive and Predictive Maintenance**
 - **Cost Analysis and Budgeting for Maintenance**
 - **Strategic Maintenance Management**
 - **Capstone Project**
- Maintaining an organized inventory of critical parts to minimize equipment downtime and support maintenance activities efficiently.
 - Developing and implementing Preventive and Predictive Maintenance programs.
 - Case studies and practical applications.
 - Budgeting for maintenance activities.
 - Cost-benefit analysis of maintenance strategies.
 - Aligning maintenance with overall organizational strategy.
 - Balancing cost, Reliability, and Efficiency.
 - Project Real-time case study at organization.
 - Presentation of findings and recommendations.

Total Productive Maintenance(TPM)

5)

- **Autonomous Maintenance**
 - **Kobetsu-Kaizen**
 - **Planned Maintenance**
 - **Quality Maintenance**
 - **Education & Training**
 - **Safety, Health, and Environment**
 - **TPM (Total Productive Maintenance)**
 - **CMMS (Computerized Maintenance Management System)**
- Cleaning and Inspection, Basic Equipment Care, Skill Development, Problem-solving, Documentation
 - Focused improvement activities, Problem-Solving, Employee involvement, Continuous learning, and Measurement and Evaluation.
 - Scheduled Inspections, Preventive Maintenance Tasks, Predictive Maintenance, Spare Parts Management, Documentation and Record Keeping.
 - Equipment reliability, Defect prevention, Quality assurance, and Continuous improvement.
 - The provision of Knowledge, Skills, and Learning experiences to enhance individual and Organizational capabilities, Fostering Professional growth and Proficiency.
 - The management focuses on ensuring workplace Safety, Promoting Health Initiatives, and Implementing Environmental Sustainability practices to protect both employees and the environment.
 - TPM involves applying maintenance principles to office environments to Enhance efficiency, Reduce Waste, Improve the reliability of office equipment, and Foster a proactive approach to maintenance and continuous improvement.
 - CMMS software is used to manage and streamline Maintenance Operations, Including Scheduling, Work orders, Asset Management, Inventory control, and Reporting.
 - Asset Management, Preventive Maintenance, Work Order Management, Inventory Control, Reporting and Analytics, Integration

Pedagogy

Our teaching methodology emphasizes high interactivity, technological integration, and the use of a wide array of pedagogical tools. This includes engaging discussions centered around key concepts, brought to life through real-world industry cases and hands-on activities.

Programme Delivery

The program sessions will utilize a cutting-edge Interactive Learning (IL) platform, using LMS (Learning Management System) providing Direct-to-Device (D2D) access via Desktop, Laptop, or Tablet for learners' convenience.

Online Session

Application Closure Date

31st of Aug, 2024

Programme Start Date

29th of Sep, 2024

Programme End Date

September, 2025

Weekly Schedule

2 online sessions
(90/90 minutes)

Day & Timing:

Sunday: 3:00 PM - 4:30 PM
Sunday: 5:00 PM - 6:30 PM

Duration

12 Months

Capstone Project

For the capstone project in the PG Diploma in Preventive and Predictive Maintenance, each individual will select one of the ten provided topics relevant to their company. The project will culminate in a detailed report and a presentation, demonstrating the practical application and insights gained from their chosen topic.

Eligibility Criteria

- Bachelor's degree or equivalent from a recognized university in any discipline.
- 3-year Diploma in any stream with 3 years of minimum work experience.

* Internship and training experience is not included in full-time work experience.

Who Should Attend?

Practitioners in Manufacturing, Facility Management, Services, Health, Medicine, Food & Beverages, Railways, Telecom, Energy, Construction, Warehouse & Distribution, Oil & Gas, Mining, Agri Industry, Shipping Industry, Sports, Aerospace, Aviation sectors and people aspiring to be a part of these sectors.

Admission Criteria

Participants would be selected from corporate nominations and self-sponsored individual applicants based on their overall profiles and credentials.

Attendance Criteria

A minimum of 75% attendance is a prerequisite for the successful completion of the program.

Benefit's of Post Graduate Diploma in Preventive and Predictive Maintenance

- **Specialized Skills for Enhanced Employability:** Gain expertise in a niche area, making you more attractive to potential MNCs.
- **Future Industry-Ready:** Acquire practical knowledge that aligns with future industry needs like Industry 4.0, IoT, Data Analytics, Power BI, Tableau Visualizations.
- **Higher Earnings:** Specialization often commands a premium, leading to better compensation packages than peers without this PG Diploma.
- **Fast-Track Promotions:** Early specialization can lead to quicker recognition and promotion opportunities.
- **Diverse Opportunities:** Opens doors to various roles in maintenance engineering, reliability engineering, and asset management.
- **Professional Networking:** Access to a network of professionals, alumni, and industry experts through course programs and projects.
- **Sustainability Focus:** Learn about sustainable maintenance practices that align with global industry trends towards sustainability with Industry Trends Alignment.
- **100% Job Assistance:** Benefit from dedicated job placement support to secure employment opportunities upon completion of the course.
- **Certified by NBA & NAAC A++ University:** Gain credentials from a prestigious institution recognized for its high standards in education (recognized by AICTE, UGC and global bodies).



Mr. Ravinder Kumar
Director, EdutechNest

With over 25 years of expertise in Business Consulting, Technical Education, and Manufacturing, he served as Director & Head of Manufacturing Excellence at CII Centre for Competitiveness, Chandigarh. Adept in Operational Excellence, he's published articles in leading national newspapers. Holds B.Tech in Mechanical Engineering, PG from IIM Trichy in Strategy Management, and certifications from JIPM, Japan, and Federal Ministry of Commerce & Technology, Germany. Collaborated with UNIDO, UNDP, WWF, and Bill Gates Foundation. Consulted 500+ companies, trained 30,000+ professionals, and worked with benchmark companies like Toyota, BMW, and Mercedes. Assessed CII and ACMA Annual Awards at the National Level.

Conducted
2000+
Programs

Reported
savings
for more than
600 Crores

Trained
30000+
Professionals

Served 500+
Organizations

Experts Faculty Members (Consulting Domain)



Mr. Mukul Khare
**Consultant & Ex-General
Manager- Head Operations &
Maintenance(Hero MotoCorp)**



Mr. Mukul Khare has done PGDCA - Post Graduate Diploma in Client Server Technology, PGDBA - Post Graduate Diploma in Business Administration, B.S-Engineering & Technology - BITS Pilani and Diploma in Electronics & radio aids to navigation with Over 34 years of experience working with Hero MotoCorp Ltd formally known as Hero Honda Ltd, Samtel Color Ltd, Mitsubishi Electric Corp Japan in areas like of Manufacturing Excellence, Operations, Maintenance, Industry 4.0 & Plant Safety. JIPMS trainers trained him for TPM Excellence, Consistency & Special Award from JIPM- Japan.

(For a detailed profile please scan the QR code.)



Mr. Amit Sanghvi
Principle Counselor



Mr. Amit Sanghvi, Principal Counselor at ICME, brings over 31 years of industry experience. Before ICME, he served as Head of Operations at M/S Poly Plast Chemi Plants India Pvt Ltd, Vadodara, and worked for 16+ years at the Confederation of Indian Industry (CII), focusing on enhancing competitiveness in Indian industries.

(For a detailed profile please scan the QR code.)



Dr. Dharmvir is a seasoned professional with 29 years of expertise in Lean Kaizen implementation across diverse industries in India and abroad, primarily in the auto sector for 18 years.

(For a detailed profile please scan the QR code.)

Dr. Dharmvir Uppal
Business Coach, Data Analyst

Experts Faculty Members (Professors)



Dr. P.S. Ranjit, Board of Studies Member of Jawaharlal Nehru Technological University, Kakinada (JNTUK). SAEINDIA Faculty Development Core Committee Member, SAEINDIA Amaravathi Division MC Member, and had more than 22 years of teaching experience in both U.G. and P.G. programmes and 15 years of research experience along with 10 years administrative experience as head -Automotive Design Engineering at UPES, Dehradun. Dr. P.S. Ranjit is presently associated with Aditya University since 2018 and member of many professional bodies.

(For a detailed profile please scan the QR code.)

Dr. P.S. Ranjit
Professor, Aditya University



Dr. A.Lakshmanarao has done his Ph.D. at Andhra University, Vishakhapatnam. He has 15 years of teaching experience. He completed his M.Tech in Software Engineering from Godavari Institute of Engineering & Technology (GIET) and a B.Tech in Computer Science and Information Technology from B.V.C. Engineering College.

(For a detailed profile please scan the QR code.)

Dr. Annemneedi Lakshmanarao
Professor, Aditya University

Experts Industry Members (Guest Faculty)

Various guest faculty from diverse fields such as Engineering, Automotive, Leather, White goods, Construction, etc., will join to share their best case studies with the students. This collaborative approach enriches the learning experience by providing real-world examples and insights from different industries, enhancing the participant's understanding and perspective on various subjects.



Indian Centre for Research and Manufacturing Excellence

Clients Served: Large Companies



Medium Companies



Medium Companies



Medium Companies



Small Companies



Global Bodies





Post Graduate Diploma

Students who complete the programme and fulfill all the prescribed requirements will be awarded a 'Post-Graduate Diploma in Preventive and Predictive Maintenance'.

Assessment & Evaluation

- The evaluation methodology is at the discretion of EdutechNest faculty. The methodology includes Online Exams, Written tests, Assignments, and any other component as decided by EdutechNest faculty.
- The programme may require participants to work on individual/group assignments and/or projects. The main objective of such assignments/projects will be to help the participants apply their conceptual learning in the programme to actual organizational decision scenarios.

Particulars

Amount

Programme Fees

99,000/-

Total Programme Fees

99,000/-

- Collection of all fees will be done by EdutechNest.
- *GST as per the prevailing rate is applicable and will be collected additionally from the candidate/participant. The current GST rate is 18%.

Programme Timelines

Application Closure Date

31st of Aug, 2024

Programme Start Date

29th of Sep, 2024

Programme End Date

September, 2025

***Grab your spot, Limited seats available.**



Munjal Group

Committed to delivering excellence through its top-quality products, the Munjal Group is a multifaceted global enterprise with diversified interests such as EVs, exports, bicycles, healthcare, and real estate. The Group has a global footprint with a presence in more than 80 countries for its bicycles, and 36 countries for its future-oriented electric bikes, making it one of the top bicycles and electric bike manufacturers in the world. The Group takes pride in creating products that are designed by keeping sustainability in mind.

Through its various endeavors, the Group has emphasized its commitment to a sustainable and green planet. To this end, the Group initiated the development of the Electric 2-wheeler (E2W) business in India in the year 2000 and subsequently launched its first battery-fitted Cycles and first electric scooter in the years 2003 & 2007 respectively. All its ventures follow the legacy of creating products that are future-oriented and have been designed keeping sustainable means in mind.



Indian Centre for Research
and Manufacturing Excellence



About Indian Centre for Research and Manufacturing Excellence (ICME)

Indian Centre for Research and Manufacturing Excellence (ICME) is one of the top 10 Manufacturing Consultants in India. We have drawn inspiration from Japan's SME industry model, which involves regional ministries solely dedicated to industry-focused universities. Our enthusiasm for the Japanese approach extends to integrating their practices. Indian Centre for Research and Manufacturing Excellence (ICME) was established in 2014 and is working together with more than 500+ Manufacturing, Education, and Service Industries PAN India in different sectors to make them competitive so that they can grow from small to medium and medium to large with an increase in profitability via -

- Specialized Training
- Profitability Improvements
- Plant Layout Design with Process Engineering
- Cluster Programs (Operational Excellence)
- TPM
- Conferences and Summit

ICME

EMPOWERING BUSINESS GROWTH FROM SMALL TO LARGE



Ravinder Kumar
Managing Director

India's economic resilience in Q1 FY23, surpassing the UK, highlighted its global prominence in the post-COVID-19 era. Today, it is the 5th largest with a GDP of \$3.7 trillion (as of FY24). This positive trajectory is driven by increased employment, a surge in private consumption, and favorable consumer sentiment. However, within the industry, the crucial need for manufacturing consulting has become apparent. Companies are recognizing the vital role of specialists who provide tailored strategies and insights. In this ever-evolving landscape, expert guidance has become invaluable, empowering companies to navigate complexities, make informed decisions, and stay ahead of industry trends.

The Indian Center for Research and Manufacturing Excellence (ICME) plays a key role in guiding companies through the growth stages, facilitating their transition from small to medium and eventually to large scales. Its focus extends across a broad spectrum of services to address varied needs. With a rich history of collaboration with over 500 companies in the past 16-17 years, the organization's evolution is remarkable. It commenced its journey by serving through CII (Confederation of Indian Industry) and subsequently established its independent entity in 2014. This progression underscores

the center's steadfast commitment to providing comprehensive support, significantly contributing to the growth and development of businesses in India.

Specializing in Operational Excellence

Guiding clients in the implementation of strategic processes, ICME is a global consulting firm specializing in operational excellence. Its primary objective is continual revenue acceleration, impacting both the top and bottom lines. Through a Japanese-inspired, holistic, systematic, and scientific approach, ICME integrates training, consulting, coaching, and diagnostics seamlessly. This unique methodology is crafted to support the growth journey, ensuring a smooth transition from a small to medium enterprise and then to a large one for sustained and robust expansion. ICME's emphasis on addressing invisible losses aims to enhance productivity, quality, costing, R&D, and layouts. This comprehensive approach results in a 5 percent or more improvement, making companies more profitable and globally competitive.

"In my view, the critical aspect is whether companies are taking the right steps for their growth, be it in pharma, auto, or the white goods industry. It is not only about excellence but also consistency and adaptability. Companies need a 360-degree perspective, evaluating each vertical, from R&D to manufacturing, marketing, and new business development. Each department functions like a cricket team, where every player must give their best for collective victory," says Ravinder Kumar, Managing Director of ICME.

Integrating Japanese Approach

Responding to the increasing demand for an industry-oriented curriculum, ICME has collaborated with multiple

universities. This partnership aims to produce graduates who are well-prepared for the workforce, leading to improvements in campus recruitments. "We have drawn inspiration from Japan's SME industry model, which involves regional ministries solely dedicated to industry-focused universities. Our enthusiasm for the Japanese approach extends to integrating their practices. These principles have been effective in enhancing business excellence across various domains," adds Ravinder.



We have drawn inspiration from Japan's SME industry model, which involves regional ministries solely dedicated to industry-focused universities. Our enthusiasm for the Japanese approach extends to integrating their practices

In today's VUCA world, the ability to adapt swiftly is not just a requirement but a guiding principle across various sectors, including consulting. Embracing this imperative, ICME is introducing innovative industry-focused courses that mark a significant shift in the education landscape. Strengthening its ties with esteemed institutions like IITs, it actively engages in diverse courses and seminars. Transitioning from theoretical foundations to practical applications, its commitment lies in offering courses that directly tackle real-world challenges, covering areas like preventive maintenance, machine redesigning, and the integration of cutting-edge technologies such as Industry 4.0, AI, and big data science to elevate machine efficiency. ■

Industry Outlook



IS PROUD TO PRESENT

ICME

AS ONE OF THE

TOP 10

**MANUFACTURING
CONSULTANTS**

2024

*in acknowledgement of its unwavering focus and dedication
to achieve excellence in quality and delivery in this field.*

Sudhakar Singh

Sudhakar Singh
Managing Editor
Industry Outlook



ADITYA
UNIVERSITY

About Aditya University

Aditya University is a State Private University established under the Andhra Pradesh Private Universities Act of 2016. It emerged from the well-known Aditya Engineering College in Surampalem, Kakinada District, Andhra Pradesh. Aditya University is committed to providing high-quality higher education that meets global standards. The programmes are well-designed to balance academic rigour and practical relevance, preparing students to effectively address both societal and industrial challenges. Experienced and knowledgeable Faculty foster intellectual curiosity, critical thinking, and cooperation among the diverse student population in an inclusive environment, allowing them to reach their full potential and contribute to society. The institute offers 11 undergraduate programmes, 06 graduate programmes in engineering, a Master of Business Administration, and a Master of Computer Applications. Aditya Group consists of 60+ Institutions, 6000+ Staff and 60,000+ students.

(For more details about Aditya University please scan below QR code)



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