ADITYA UNIVERSITY

ICME
Indian Centre for Research and Manufacturing Excellence

EdutechNest
SHARPEN THE SAW

Operational Excellence

Empower Evolution, Embrace Excellence.

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

12 MONTHS | BLENDED | ONLINE | WEEKEND LEARNING

A 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.

Director's Message

Late. Mr. Ravinder Kumar
Co-Founder,
EdutechNest

Mrs. Nisha Kumari
Director,
EdutechNest

Dear Colleagues,
We are excited to announce the launch of the second batch of our one-year online Post-Graduate Diploma Program in Operational Excellence at EdutechNest, a pioneering venture shaped by the vision of our late founder, Mr. Ravinder Kumar, and now led with dedication by Mrs. Nisha Kumari, continuing his legacy. This initiative is brought to you in esteemed collaboration with the Munjal Group and the Indian Centre for Research and Manufacturing Excellence (ICME).

In today's VUCA (Volatile, Uncertain, Complex, and Ambiguous) world, globalization has intensified competitive pressures on the manufacturing and service industries. The key to sustained economic success is continuous skill enhancement at individual and organizational levels. While the Indian Government's 'Make in India' initiative aims to boost local manufacturing, the skill gap between industry professionals and engineering graduates widens each year, leading to higher costs in manufacturing and services due to rapidly evolving technologies, systems, and practices.

A finely crafted chisel is only as effective as its cutting edge—no matter how splendid the steel or how well it is forged, without its edge, it loses its value.
"Cutting Edge is the Key"

The diagnosis of business problems, precise measurement, thorough analysis, and effective solutions are essential for modern business success. EdutechNest programs are designed to sharpen the "Cutting Edge" of professionals in problem diagnosis, measurement, analysis, and practical solution development using the proven "Japanese Tools and Techniques," which have been implemented across 500+ organizations in over 30 business sectors globally.
Join us in this journey as we continue to honor the legacy of Mr. Ravinder Kumar and empower industry professionals under the leadership of Mrs. Nisha Kumari.

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 organisations 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.

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WHY OPEX PROGRAMME

- Career Growth.
- Enhanced Skills on Opex Latest Tools & Techniques.
- Sharing of Best Case Studies on Opex.
- Use of Data Analytics on day to day problems.
- Recognition & Continuous Improvement in organization.
- Competitive Advantage.
- Better Job opportunities than MBA(PGDBA).
- Becoming a Certified Trainer.
- Strategic Alignment in Business.
- Business Orientation.

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LEARNING OUTCOME OF THE PROGRAMME

- Advanced Understanding of Operational Excellence.
- Application of Industry Best Practices.
- Problem-solving and Decision-making Skills using Data Analytics.
- Leadership and Change Management.
- Quality Management and Process Improvement.
- Risk Management and Compliance, Intellectual Property Rights (IPR) Knowledge.
- Project Management.
- Communication and Stakeholder Engagement.
- Technology Integration.
- Continuous Learning and Professional Development.

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One-year Post Graduate Diploma in

Operational Excellence

Operational excellence is a strategic approach for continuously improving processes and systems within an organization to improve Productivity, Quality, Cost, Delivery, Safety, Morale & Environment, and customer value. It involves minimizing waste, reducing costs, increasing productivity, and fostering a culture of continuous improvement, leading to the growth of the organization's Top line and Bottom line & employees with a Win-Win model.

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Programme Highlights

EdutechNest
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- Comprehensive Curriculum
- Intellectual Property Rights (IPR)
- Weekend Learning Options
- Hands-On Workshops & Simulations
- Project-Based Learning
- Expert Industry Faculty & Consultants from leading consulting firms
- Guest Lectures
- Interactive Learning Environment
- Industry Best Case Studies and Practices
- Data Analytics
- Career Growth
- Job Assistance

Strategies- Operational Excellence

1)	• **Future of Operational Excellence**	• Emphasis on advanced technologies and continuous improvement.
	• **Operating Strategies:**	• Daily actions to optimize processes and resource use.
	• **Functional Strategies:**	• Goals and tactics specific to individual departments.
	• **Business Strategies:**	• Long-term plans for market positioning and competitive advantage.
	• **Corporate Strategies:**	• Overarching plans for organizational growth and resource allocation.
	• **Industry Benchmark Case Studies:**	• Insights from leading industry practices and performance metrics.
	• **Best Practices Sharing by Senior Industry Leaders:**	• Proven strategies and experiences from top professionals.

Lean Manufacturing

2)	• **Foundations of Operational Excellence**	• Core principles that drive process efficiency, quality improvement, and strategic alignment within organizations.
	• **Advanced Operational Excellence Techniques**	• Advanced methods such as automation, predictive analytics, & integrated systems to achieve higher levels of efficiency & performance.
	• **Implementation Strategy & Leadership**	• Effective strategies and leadership skills required to deploy operational excellence initiatives, including change management and team motivation.
	• **Introduction to Operational Management**	• Basics of managing operational processes, including workflow design, resource management, and performance monitoring.
	• **Lean – Six Sigma Fundamentals**	• Essential concepts of Lean (waste reduction) and Six Sigma (quality control) to improve process efficiency and quality.
	• **Operation Strategy – Business MIS & Building MIS – Dashboards**	• Developing management information systems (MIS) and dashboards to track and analyze operational performance and support decision-making.
	• **Team Management for OPEX Projects**	• Techniques for effectively leading and coordinating teams to drive and implement operational excellence projects.
	• **Applications of Lean Manufacturing Principles**	• Practical implementation of Lean principles like 5S and value stream mapping to streamline production and reduce waste.

2)

• **Monitoring and Controlling Process Using Six Sigma**	• Techniques such as DMAIC (Define, Measure, Analyze, Improve, Control) to oversee and improve process quality and performance.
• **Advanced Lean Six Sigma Applications**	• In-depth application of Lean Six Sigma tools and methodologies for complex process improvements and high-impact projects.
• **Data Analytics & Business Intelligence**	• Using data analysis and BI tools to extract actionable insights from data, improve decision-making, and drive strategic initiatives.
• **Supply Chain & Logistic Management**	• Managing the end-to-end supply chain and logistics operations to optimize efficiency, reduce costs, and enhance service levels.
• **Technology in Operations**	• Leveraging technologies like automation, IoT, and AI to enhance operational processes and capabilities.
• **Optimization of Supply Chain Process**	• Techniques and strategies to enhance the efficiency and effectiveness of supply chain operations, including logistics and procurement.
• **Inventory Management & Demand Forecasting**	• Strategies for managing inventory levels and forecasting demand to ensure optimal stock levels and reduce carrying costs.
• **Continuous Improvement Strategies**	• Ongoing methodologies like Kaizen and PDCA (Plan-Do-Check-Act) for incremental improvements in processes and practices.
• **Strategic Operations Management**	• Aligning operational activities with long-term strategic goals to ensure that operations support overall business objectives.
• **Organizational Development**	• Enhancing organizational structure, culture, and processes to support operational excellence and overall business growth.
• **Capstone Project**	• A comprehensive project that applies operational excellence concepts to a real-world problem, demonstrating practical application and problem-solving skills.
• **Strategies for Sustaining Operational Excellence**	• Techniques to maintain and continuously improve upon operational excellence achievements, ensuring long-term success.
• **Kaizen Principles and Culture Development**	• Implementing Kaizen for continuous, incremental improvements and fostering a culture that supports ongoing enhancement.

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Lean Manufacturing

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2)	• **Aligning Operations with Overall Organizational Strategy**	• Ensuring that operational processes and initiatives are aligned with the organization's strategic goals and objectives.
	• **Balancing Cost, Quality, and Innovation in Operations**	• Managing the trade-offs between cost efficiency, high quality, and innovation to optimize overall operational performance.
	• **Understanding & Managing Organizational Change**	• Strategies for effectively managing organizational change, including communication, training, and support to facilitate smooth transitions.
	• **Overcoming Resistance & Fostering a Culture of Continuous Improvement**	• Techniques to address resistance to change and promote a culture that embraces continuous improvement and innovation.

Six Sigma

3)	• **History of Six Sigma**	• Evolution of Six Sigma from its origins in manufacturing to its application across various industries.
	• **Difference between Six and lean Sigma**	• Six Sigma reduces defects by controlling variation, while Lean Sigma eliminates waste for efficiency; Minitab is useful for comparative analysis.
	• **What is Six Sigma**	• A data-driven approach focused on process improvement and defect reduction using methodologies like DMAIC and DMADV; JMP helps in data visualization and process optimization.
	• **Objective of Six Sigma**	• To improve efficiency, minimize errors, and enhance customer satisfaction; Power BI helps in tracking key performance metrics.
	• **Benefits of Six Sigma**	• Reduces process variability, increases profitability, and enhances customer satisfaction; Tableau is widely used for real-time benefit analysis.
	• **Six Sigma Methodology**	• Utilizes DMAIC (Define, Measure, Analyze, Improve, Control) and DMADV (Define, Measure, Analyze, Design, Verify); SigmaXL is useful for implementation.
	• **Master black belt vs black belt vs green belt**	• Master Black Belts mentor Black Belts, who lead projects, while Green Belts support execution; RACI Matrix helps define roles.

3)	• **Organization of Six Sigma**	• Comprises Champions, Master Black Belts, Black Belts, and Green Belts for structured implementation; ProcessMaker supports workflow automation.
	• **Key concepts of Six Sigma**	• Focuses on process variation, critical quality factors (CTQ), and continuous improvement; QI Macros assists in process defect reduction.
	• **Understanding CTQ**	• CTQ (Critical to Quality) identifies key quality drivers impacting customers; Voice of Customer (VoC) tools like Qualtrics help in identification.
	• **Concept of variation (stable and capable process)**	• A stable process has consistent output, and a capable process meets specifications; Control charts in Minitab analyze stability and capability.
	• **Understanding Common vs Assignable causes**	• Common causes are inherent process variations, while assignable causes result from specific factors; AI-powered anomaly detection in Python helps identify causes.
	• **Understanding Standard Deviation**	• Measures process spread from the mean; Python libraries (NumPy, SciPy) help in advanced statistical calculations.
	• **Concept of Normal distribution**	• A probability distribution where most values cluster around the mean; EasyFit is used for fitting probability distributions.
	• **Understanding Sigma process**	• Determines process performance based on defect rates; Six Sigma Calculator helps compute defect levels and sigma values.
	• **Understanding Z Value, Cp, Cpk, Pp, Ppk**	• These are process capability metrics that evaluate how well a process meets specifications; SPC for Excel is used for analysis.
	• **X bar - R chart**	• A control chart used for monitoring variations in process averages over time; Minitab's Control Chart feature helps in monitoring.
	• **DMAIC approach in detail**	• A five-phase methodology: Define, Measure, Analyze, Improve, and Control; DMAIC Roadmap in iGrafx helps in structured execution.
	• **QI story vs DMAIC vs 8D approach**	• QI Story is a step-by-step improvement process, DMAIC is data-driven, and 8D is for root cause analysis; 8D Manager streamlines structured problem-solving.
	• **Multi Vari Analysis**	• Identifies process variation due to multiple factors; MATLAB is widely used for advanced multivariate statistical analysis.

Six Sigma

3)	• **DOE Techniques - Concept of response and SSV - Red X, Pink X - Concept of interaction - FULL factorial Analysis**	• Uses statistical methods to determine which factors impact process performance; Design-Expert is a popular tool for conducting factorial experiments.
	• **Shainin Techniques - Component Search Method - Variable search method - paired comparison - process parameter search - b vs c analysis**	• Advanced problem-solving methods like component search, variable search, paired comparison, and B vs. C analysis; Red X software is useful for applying Shainin techniques.
	• **ANOVA Analysis (in brief)**	• A statistical method used to compare multiple group means and determine the variance sources; ANOVA in R is used for advanced statistical analysis.

Data Analytics, Industry 4.0 and Dashboards

	• **Power BI Installation, Setup, Dashboard, Power BI Basics and Visualization Design**	• Power BI installation setup involves downloading and configuring the software to create and share interactive dashboards. Power AI 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, Patterns and Trends.**	• 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.

Data Analytics, Industry 4.0 and Dashboards

4)	• **Tableau Basics, Tableau Visualizations.**	• 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.
	• **Advanced Column Operations and Data Transformation Techniques.**	• Processes such as Filtering, Pivoting, and Reshaping Data for Better Analysis and Reporting.
	• **Refining Visual Formatting, Crafting Diverse Visualizations**	• 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)

5)	• **IP system in USA, Europe and other Countries**	• 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.
	• **Case studies**	• Context and background, Problem statement or issue, Analysis and Findings, Recommendations or outcomes
	• **Copyright Registration and Infringement**	• Legal protection, Filing process, Rights granted, Duration of protection
	• **Trademark Registration & Infringement**	• The application process, Types of marks (example, logos, slogans), Rights granted, Duration & Renewal. • Unauthorized use, Legal consequences, Defenses (example, fair use), Remedies

Pedagogy

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. Additionally, Chamber consulting services will be gradually introduced, allowing participants to address real-world challenges in operations management. These challenges may encompass project management, Lean/Six Sigma, or operations/supply chain issues relevant to participants' organizations or personal interests.

Programme Delivery

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, interactive simulations, and hands-on activities.

Online Session

Weekly Schedule
2 online sessions
(90/90 minutes)

Day & Timing:
Sunday: 10:00 AM - 11:30 AM
Sunday: 12:00 PM - 1:30 PM

Duration
12 Months

Capstone Project

The 2-3 day industry-campus module at EdutechNest provides a condensed, hands-on learning experience that connects academic theory with practical industry insights. Through immersive sessions both on-campus and in industry environments, participants gain exposure to real-world challenges and emerging trends relevant to their field. The curriculum focuses on key concepts and practical skills, bridging the gap between academic knowledge and industry practices.

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, project management, services, or logistics 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.

Experts Faculty Members

(Consulting Domain)

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.)

Mr. Amit Sanghvi
Principal Counselor

Pankaj Aggarwal is a Mechanical Engineer from Delhi with a total 35+ years of experience. Initially he worked in the industry for 13 years. He started his career with Eicher Tractors and worked there for ten years covering almost all operational functions
(For a detailed profile please scan the QR code.)

Mr. Pankaj Aggarwal
Trainer & Consultant

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
Dean of International Relations and Professor - Department of Mechanical Engineering (Aditya University)

Experts Faculty Members

(Professors)

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 student's understanding and perspective on various subjects.

Indian Centre for Research and Manufacturing Excellence

Clients Served:

EdutechNest
SHARPEN THE SAW

Large Companies

DELHI INDIRA GANDHI INTERNATIONAL AIRPORT

DEMAG Cranes & Components

Godrej

Cummins

UNO MINDA
NK MINDA GROUP
THINK. INSPIRE. FLOURISH

SML ISUZU

sona
Driving Tomorrow

KALSON

Bata

HERO CYCLES

LUMINOUS

AVON CYCLES
Cycling ka asli mazaa

TATA MOTORS

RANBAXY

Medium Companies

KROSS

HEROecoTECH

bonn
taste of happiness..

HIM

Eastman
....Let's grow together

CDBL

CBL
Steaming Ahead

PRITIKA
Group of Industries
Casting - Forging - Machining

NIBBER CASTINGS

Deepak INTERNATIONAL LTD.

AVT
A. V. Thomas & Company LTD.

Medium Companies

talbros

SK BIKES PVT LTD

OMAX
Passionate about Performance

VICTOR

kangaro
SINCE 1959

Jmpi

AMBIKA FORGINGS
SINCE 1977

PRO
Your Confident Step Ahead

TRICOLITE
energy solutions

TESNATECH

H.R. INTERNATIONAL
SINCE 2005
License No. B-0377/DEL/PER/1000+/5/8398/2009

CHEMICAL BROTHERS
VALUES BEFORE PROFIT

FREEMANS

DNS BIKES

M7 Autocraft

hF Hitech Formulations
A GROUP COMPANY OF LYRA LABORATORIES

TK STEELS
THE ART OF STEEL MAKING

OZONE
FOR A SAFER WORLD

sawchuk
Since 1981

HB industries

LYRA LABORATORIES

Kuber Paper & Pack
Assuring your business needs

FEDERAL DYNAMICS

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 Operational Excellence.

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.

Disclaimer: All certificate images are for illustrative purposes only and may be subject to change at the discretion of EdutechNest.

Programme Fees

Particulars	Amount
Processing Fees	1,000/-
Programme Fees	99,000/-
Total Programme Fees	1,00,000/-

• 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%.

Enroll before 20th April, 2025 to grab the early bird discount

Early Bird Discounted fees : ₹55,000 + 18% GST.

Programme Timelines

Application Closure Date	31st of May, 2025
Programme Start Date	1st of June, 2025
Programme End Date	30th of May, 2026

***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)
- 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

2024 AWARD

IS PROUD TO PRESENT

ICME

AS ONE OF THE

TOP 10

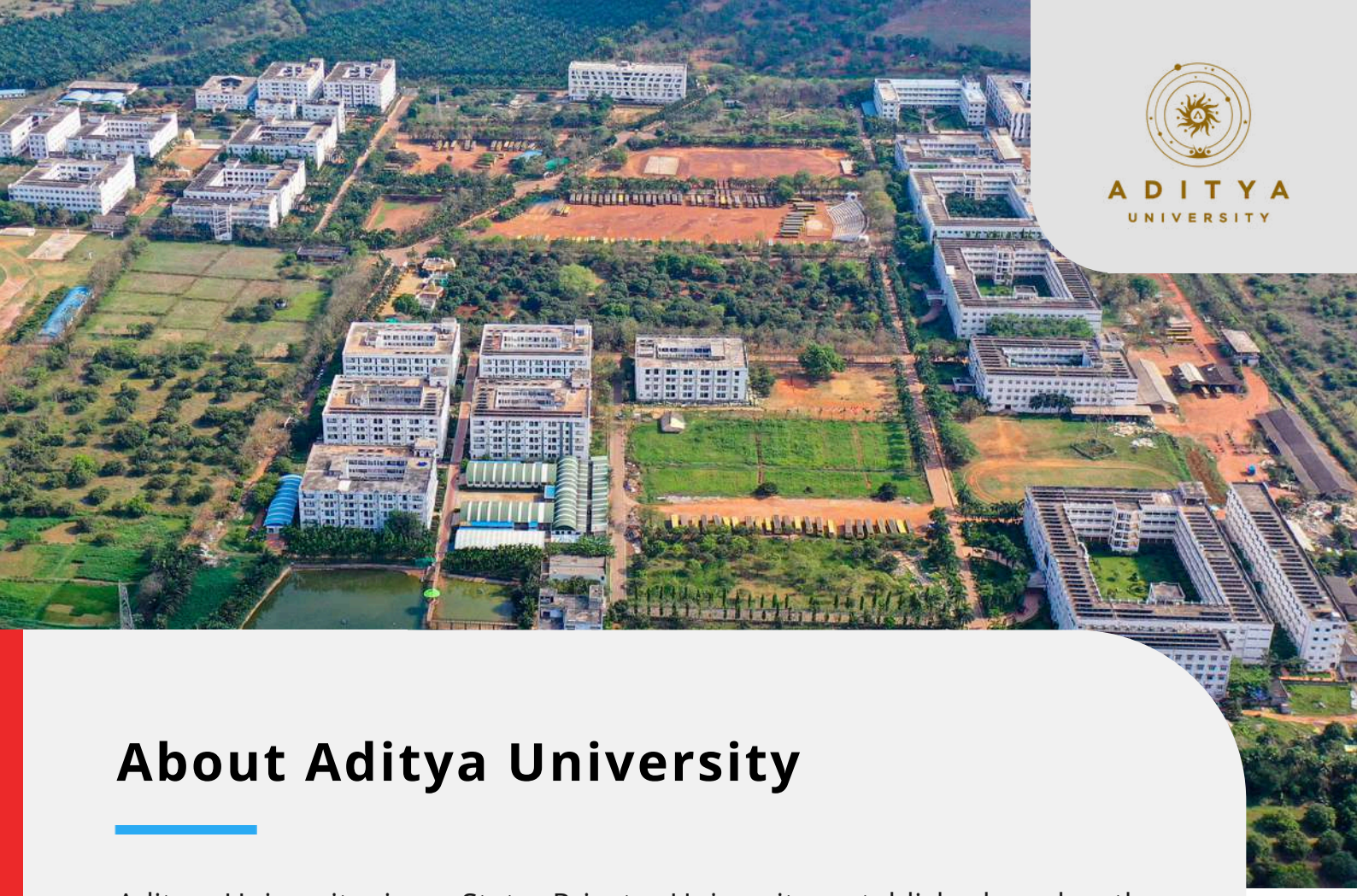
MANUFACTURING CONSULTANTS

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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