



ఆంధ్రప్రదేశ్ కేంద్రీయ విశ్వవిద్యాలయ ఆంధ్రప్రదేశ్ కేంద్రీయ విశ్వవిద్యాలయ  
CENTRAL UNIVERSITY OF ANDHRA PRADESH  
Ananthapuramu, Andhra Pradesh



Two Day National Seminar  
on

**Road Map to Viksit Bharat@2047: Strategic Insights in  
Visualising Excellence in the Manufacturing Sector**  
21<sup>st</sup> and 22<sup>nd</sup> March, 2025

Organised By  
**Department of Management**  
**Central University of Andhra Pradesh**

Sponsored By



Indian Council of Social Science Research  
Southern Regional Centre  
Ministry of Education, Government of India  
Hyderabad, Telangana - 500007

# About the Seminar

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India will mark 100 years of independence by 2047, a significant milestone for evaluating economic development and industrialisation progress. The country has already embarked on a journey towards a globally competitive economy. Still, there exist challenges to becoming a global manufacturing leader. The manufacturing sector in India holds immense potential, yet to unlock this, a multifaceted approach is required. Innovation must be at the forefront, driven by technological advancements such as automation, artificial intelligence, and IoT. These technological innovations promise to enhance productivity, reduce costs, and improve product quality. At the same time, sustainability has become a crucial driver in global manufacturing, and India must align its manufacturing practices with green technologies to meet international environmental standards.

In the dynamic business world, besides the existing government initiatives, innovative reforms are needed to ease business operations and attract more foreign investments. Skill development is equally pivotal, as the labour force must have the necessary skills to adapt to the changing technological landscape. There is a growing need for upskilling and reskilling to ensure a workforce capable of thriving in the evolving industrial ecosystem.

The seminar addresses these pressing challenges by fostering collaboration among policymakers, industry leaders, and academicians. These discussions will generate actionable recommendations to strengthen India's manufacturing sector, making it globally competitive. The seminar will provide a platform to identify the key barriers to growth and explore ways to overcome them. Additionally, it will offer insights into how innovation, sustainability, and skill development can work in tandem to drive growth and eventually achieve the SDGs. The insights gained from this collaborative effort will help shape future initiatives and policy interventions to position India as a global manufacturing powerhouse by 2047.

## Objectives:

1. To explore and promote innovative practices for environmental sustainability in the manufacturing sector.
2. To formulate effective strategies for skill development and workforce training to enhance productivity and global competitiveness.
3. To explore the potential of emerging technologies like IoT, AI, and blockchain in transforming the Indian manufacturing sector.
4. To identify key opportunities and challenges in the Indian manufacturing sector.
5. To strengthen global collaboration through strategic partnerships.
6. To promote an inclusive and holistic work environment in the manufacturing sector.
7. To facilitate collaboration among policymakers, industry leaders, and academicians on strategic insights to visualize excellence in the manufacturing sector.

# Key Themes & Sub Themes

The seminar envisions India's sustainable, innovative, and self-reliant manufacturing sector. It focuses on strategies for fostering R&D, adopting Industry 5.0 technologies, and integrating smart infrastructure. The seminar also focuses on adopting circular economy models to position India as a global leader in eco-friendly manufacturing while promoting policies that enhance MSME's competitiveness, reduce import dependency, and streamline regulatory frameworks for a resilient manufacturing ecosystem by 2047. We invite you to engage in thought-provoking discussions, share your insights, and connect with fellow researchers worldwide.

## 1. INDUSTRY, INNOVATION AND INFRASTRUCTURE

- R&D Capabilities to Foster Innovation-Driven Businesses
- Smart Infrastructure for Future-Ready Industries
- Global Best Manufacturing Practices from Leading Nations
- Industry 5.0: Human-Centric Innovations in Manufacturing
- Decarbonising the Industrial Sector: New Innovations

## 5. INCLUSIVE AND HOLISTIC WORK ENVIRONMENT

- Promoting Diversity and Inclusion in the Workforce
- Breaking Barriers: Advancing Women Leadership in Manufacturing
- Work-Life Balance in Manufacturing: Innovations in Employee Welfare
- Mental Health Awareness and Ergonomics in Industrial Workspaces
- Empowering Rural and Semi-Urban Workforce through Skill Integration

## 2. RESPONSIBLE PRODUCTION AND ENVIRONMENTAL SUSTAINABILITY

- Circular Economy in Manufacturing: Challenges and Opportunities
- Zero-Waste Manufacturing Practices
- Eco-Design and Sustainable Product Lifecycle Management
- Leveraging Renewable Energy for Greener Production Lines
- ESG (Environmental, Social, and Governance) Metrics for Indian Manufacturers

## 6. COMMUNITY PARTNERSHIP AND GLOBAL COLLABORATION

- Global Collaboration and Export-Oriented Growth in Manufacturing
- Strengthening India's Manufacturing Sector through Global Alliances
- Leveraging CSR for Local Community Development in Manufacturing Hubs
- Public-Private Partnerships for Infrastructure Development
- Cross-Border Collaborations for Technology Transfer

## 3. RESILIENT AND SELF-RELIANT INDIAN MANUFACTURING SECTOR

- Aatmanirbhar Bharat: Strategies for Strengthening Manufacturing Sector
- Lessons from Disruptions: Building Resilience in Manufacturing
- Technology-driven Competitiveness in MSMEs.
- Promoting Indigenous Manufacturing in Global Markets
- Reducing Import Dependency through Indigenous Production

## 7. TECH-ENABLED MANUFACTURING

- Revolutionising Manufacturing with Extended Reality
- Smart Manufacturing: The Role of IoT, AI, and Blockchain in Transforming Industries
- Robotics and Automation: Transforming Indian Manufacturing Units
- Cybersecurity in Smart Factories: Challenges and Solutions
- Leveraging Big Data for Decision-Making in Manufacturing

## 4. POLICY REFORMS AND REGULATORY COMPLIANCE

- Policy Reforms for Startups in Manufacturing Industry
- Taxation Policy to enhance growth in the manufacturing sector
- Global Trade Policies and Their Impact on Indian Manufacturing
- Business 2.0: Approaches for Regulatory Efficiency
- Incentivizing Sustainability through Policy Initiatives

## 8. QUALITY EDUCATION AND SKILL DEVELOPMENT

- Industry-Integrated Curriculums for HEIs and Vocational Training Institutes
- Reskilling and Upskilling Programs for the Employee Empowerment
- Role of Digital Learning Platforms in Skill Enhancement
- Skill Shortage in Advanced Manufacturing Techniques
- Bridging the Skill Gap for Emerging Technologies in Manufacturing

*\*These sub-themes can serve as a guide to explore specific aspects within each central theme during the seminar*

*\*This is an indicative list only. Any topic in line with the conference's overall theme can be submitted.*

# About the University

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The Central University of Andhra Pradesh (CUAP), established in 2018 in Ananthapuramu, is dedicated to academic excellence and innovation. The University offers 8 undergraduate and 17 postgraduate programmes that are technology-oriented and aligned with NEP 2020. With a focus on multidisciplinary and industry-driven education, CUAP emphasizes experiential learning and skill development through vocational courses and collaborations with industry partners. The University is also preparing to launch the Study India Programme to attract international students. CUAP is committed to fostering holistic growth, empowering students to excel in their careers, and contributing to society.

## About the Department

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The Department of Management at CUAP offers BBA, MBA, and PhD programmes designed to address the challenges of the modern business world. The curriculum integrates theoretical knowledge with practical applications and focuses on fostering critical thinking, problem-solving, and leadership skills. The department provides specialized courses in Marketing, Financial Management, Human Resource Management, Business Analytics, Tourism and Travel Management, and Retail & Supply Chain Management.

The department aims to produce business leaders, researchers, and academicians who can confidently handle contemporary challenges by emphasizing experiential learning and industry alignment. The goal is to develop professionals with intellectual curiosity, lifelong learning capabilities, and a strong foundation in business acumen to excel in diverse organisational roles.



# Paper Submission Guidelines

## Instructions to Authors for Submission of Papers:

1. The first page should include a separate cover page containing the paper's title, author's name, designation, official address, contact number, and email address.
2. The length of the full paper must not exceed 10 pages, and submitted papers must not have been previously presented, published, or accepted for publication.
3. The paper must include an abstract of 150-200 words and 4-6 keywords with JEL codes at the end of the abstract.
4. Authors must ensure the originality of the work.
5. The entire paper must be submitted as one document in both MS Word and PDF formats, with all pages numbered.
6. Formatting guidelines include using Times New Roman font, 12-point font size, single spacing, 1-inch margins, and consecutively numbered tables with appropriate titles using Arabic numerals.
7. A team of experts will review all the papers, and selected papers will be published in an edited book.

## Submission link

<https://cuap.ac.in/conference&events.html>

## Key Dates:

Last Date of Abstract Submission: 20<sup>th</sup> February 2025

Intimation of Acceptance: 24<sup>th</sup> February 2025

Last Date for Submission of Full Paper: 08<sup>th</sup> March 2025

Last Date for Registration and Payment of Fee: 08<sup>th</sup> March 2025

Seminar dates: 21<sup>st</sup> & 22<sup>nd</sup> March 2025

Registration Fee Payment Details	
Faculty and Academicians	INR 1000 without accommodation INR 1500 with accommodation.
Research Scholars and Students	INR 700 without accommodation INR 1000 with accommodation
Foreign Participants	USD 50 without accommodation USD 75 with accommodation

## Mode of Payment

### Demand Draft or Local Cheque

In favour of: Registrar Central University of Andhra Pradesh.

### NEFT / RTGS Transfer:

A/C Name: The Registrar CUAP Recurring

A/C No: 8550101013486

IFSC Code: CNRB0008550

## Travel & Accommodation

No TA/DA will be provided by the organising committee. Modest accommodation in the university hostel is available for registered delegates on 21<sup>st</sup> and 22<sup>nd</sup> March, 2025. Accommodation beyond this period or for spot registrations must be arranged by participants themselves.

## Contact Details:

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\*In case if you are unable to submit through the submission link, please send your paper through the above provided mail id.



# CUAP Event Souvenirs

An Insightful Discussion  
On  
**MODI @ 20: Dreams Meet Delivery**  
at  
**Central University of Andhra Pradesh**  
Ananthapuramu - 515 001

4 August 2022  
**A Report**

Proposed CUAP Administrative Block

**Prof. S.A. Kori**  
Vice Chancellor

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(Established by an act of Parliament in 2019)

विद्यां ददाति विनयं  
Education gives Humility




Transforming students into knowledgeable and responsible citizens of the nation



सत्यमेव जयते

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**G20**  
भारत 2023 INDIA




@  
**CUAP**

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**CENTRAL UNIVERSITY OF ANDHRA PRADESH**  
Ananthapuramu, Andhra Pradesh

**REPORT ON**  
Festival of  
**DEMOCRACY**  
28th February, 2024 – 6th March, 2024




"The more our youth participate in the electoral process, the more beneficial its results will be for the country."  
- Shri Narendra Modi  
Hon'ble Prime Minister

भारत निर्वाचन आयोग  
Election Commission of India


DEVELOPED INDIA MISSION | विकसित भारत अभियान | VOTE DESH KE LIFE

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**VIKSIT BHARAT @2047**



"It is necessary to channelize the innovative ideas of youth into nation building by inviting them to learn and contribute to the vision of Viksit Bharat by 2047."  
- Shri S. Abhishek  
Hon'ble Governor of AP



"Through vibrant collaborations and transformative education, CUAP weaves a story of progress, brick by resilient brick, for a Viksit Bharat."  
- Prof. S.A. Kori  
Hon'ble VC of CUAP

"Today the goal of the country is Viksit Bharat, Sashakti Bharat! We cannot stop until this dream of a developed India is fulfilled."  
- Narendra Modi, Prime Minister

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WEBSITE : [www.cuap.ac.in](http://www.cuap.ac.in)

