



NEW HORIZON COLLEGE OF ENGINEERING

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NATIONAL SERVICE SCHEME (NSS) Report

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Topic: ICON YOUTH 2025 – International Conference on Youth Empowerment

The **ICON YOUTH 2025** conference, themed “*Envisioning India’s Future: Youth as Change Makers,*” was a collaborative initiative organized by the **Ministry of Youth Affairs and Sports, Government of India**, in partnership with **Yenepoya (Deemed to be University)**. The event aimed to empower young individuals to actively engage in shaping a sustainable and developed India.

Poster Presentations (Pre-Conference Event):

Prior to the official inauguration, the conference commenced with the ‘*Toward Inventive Frontiers*’ **Ideathon**, a student-led innovation showcase. During this pre-conference event, **65 students** presented their startup and research ideas through poster exhibitions.

Our team presented a poster titled “**A Carbon Neutral Synthetic Fuel Generator.**” The project proposed a system to capture industrial CO₂ emissions and convert them into synthetic gases like methanol or methane, contributing to clean energy solutions and sustainable industrial practices. The concept was well-received and appreciated for its relevance to climate action and carbon neutrality.

Participation:

Delegates: Around **650 youth delegates** from **20 Indian states** and international participants from **Nigeria, Nepal, and Tibet** took part.

Speakers & Moderators: The conference featured **18 speakers** and **4 moderators** from countries including **Sri Lanka, Russia, Nigeria, and Thailand**.

Inauguration:

The conference was inaugurated by **Union Minister Mansukh Mandaviya**, who emphasized the transformative role of science and technology in empowering youth for national development.

Key Themes and Sessions:

The conference covered a range of sub-themes focused on youth empowerment:

Youth Entrepreneurship: Explored India’s startup ecosystem, government policies, and the role of technology in youth-led ventures.

Women at the Heart of Development: Highlighted women entrepreneurs, education, skill development, and gender equality in leadership.

Opportunities in Space Research and Innovation: Discussed prospects with ISRO, NASA, and private sectors, focusing on AI, robotics, and space-tech startups.

Empowering Youth for a Sustainable Future: Focused on climate action, green startups, and sustainable consumption.

Empowering Youth for Viksit Bharat: Addressed youth involvement in governance, leadership, and nation-building.

Youth in the Digital Age: Provided insights into AI, blockchain, cybersecurity, and digital transformation readiness.

Youth as Catalysts for Community Development: Emphasized community engagement, health and wellness, and civic participation.

Conclusion:

ICON YOUTH 2025 successfully served as a platform for young leaders, policymakers, and innovators to collaborate and contribute toward the vision of a developed India, or *Viksit Bharat*.

PHOTO GALLERY









युवा कार्यक्रम
एवं खेल मंत्रालय
MINISTRY OF
YOUTH AFFAIRS
AND SPORTS



GOVERNMENT OF INDIA
MINISTRY OF YOUTH AFFAIRS AND SPORTS

In Collaboration with

YENEPLOYA (DEEMED TO BE UNIVERSITY)

INTERNATIONAL CONFERENCE **ICON YOUTH** 2025

THEME:

ENVISIONING INDIA'S FUTURE
YOUTH AS CHANGEMAKERS

16 2025

(Deemed to be University)
Kolkata.

