TECNIA INSTITUTE OF ADVANCED STUDIES

GRADE "A" INSTITUTE

Approved by AICTE, Ministry of Education Govt. of India,
Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

UKAF-CB-011

ISO
ISO 50001
ENERGY MANAGEMENT

UNIVERSAL HUMAN VALUES DEVELOPMENT CENTRE

- Centre of Excellence -

"Empowering Holistic Education and Social Responsibility"

- 06 Global Citizenship
- 05 Dedication
- 07 Constitutional Values
- Integrity
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- 09 Sustainability
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The Universal Human Values (UHV) Development Center, a Center of Excellence at Tecnia Institute of Advanced Studies (TIAS), embodies the vision of its founder, Dr. A. P. J. Abdul Kalam, who emphasized empowering individuals through education. The center is dedicated to addressing the educational needs of everyday individuals by focusing on both academic excellence and social responsibility. With a commitment to authenticity and excellence in all domains—academic, professional, and societal—this center offers innovative educational programs and mentorship opportunities, ensuring that even those with limited access to quality education are uplifted.

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UNIVERSAL HUMAN VALUES DEVELOPMENT CENTRE
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Vision
To create an inclusive, values-driven educational environment
that promotes personal growth, social awareness, and ethical responsibility.

Mission
To empower students by instilling universal human values that emphasize empathy,
ethical behavior, and social equity, aligned with the principles of Human Values-(Mulya Pravah).

Key Features and Highlights:

➤ **Addressing Diverse Educational Needs:**
Ensuring Inclusivity and access to quality education delivers innovative programs and mentorship to help students develop critical life skills, regardless of their background.

➤ **Inculcation of Human Values:**
Integration of human values into the curriculum, offering a structured approach to teaching values like compassion, ethical decision-making, and social justice.

RESPECTFULLNESS

Mulya Pravah

Respectfulness : Environment of mutual respect, trust, and quality interaction as well as fair participation by the functionaries and beneficiaries of the institution.
Promoted by the Gender Champion Club and NSS through gender sensitivity workshops and senior citizen support programs.

01

HARMONY

Mulya Pravah

Harmony: balance diversity and differences through a culture of tolerance, discussion, and forgiveness among stakeholders.
Fostered by the Ek Bharat Shreshtha Bharat Club and Happiness Club via cultural exchanges and collaborative projects.

02

➤ **Comprehensive Institute Life Development:**
Institute life extends beyond academics, sports, and friendships. UHV Centre promotes the development of interpersonal skills, awareness of social and environmental issues, and understanding of gender and societal inequities-a holistic approach in shaping students into responsible citizens.

➤ **Student Induction Programme (SIP):**
SIP helps new students acclimate to TIAS's values and mission, sensitize fresher towards community engagement and human values, ensuring they start their academic journey on the right path.

➤ **Workshops, Seminars, and Guest Lectures:**
The centre organizes workshops and seminars on a wide range of topics, including ethical dilemmas, global citizenship, and social justice. Guest speakers share insights on how to apply human values in practical and professional settings.

➤ **Mentorship and Counseling Services:**
Students are offered resources for personal growth through mentorship programs, counseling services, and workshops aimed at improving emotional well-being and moral reasoning, guiding students for personal development.

BELONGINNESS

Mulya Pravah

Belongingness: foster a shared vision of the institute to make everyone feel secure, supported, accepted, and included.
Emphasized through community-building activities organized by the Happiness Club, NSS, and Photography Club.

03

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➢ **Faculty Development Programs:**

The Centre conducts FDPs to ensure that Faculty incorporate UHV principles into their teaching, furthering the institute's values-based educational approach-Mulya Parvah.

➢ **Community Engagement and Social Responsibility:**

Community service projects and social outreach programs in 5 Adopted Villages through Unnat Bharat Abhiyan allows students to experience and contribute for societal development, fostering empathy and a strong sense of social responsibility.

ACCOUNTABILITY

Mulya Pravah

05

Accountability: enable the environment of openness and trust to accommodate mistakes and encourage individuals to take responsibility for their actions.

Driven by NSS, RRC, and Fit India Youth Club through fitness challenges and social welfare campaigns.

CONSTITUTIONAL VALUES

Mulya Pravah

07

Constitutional Values: commitment to the spirit of the constitution.

Taught through mock parliaments, human rights awareness sessions, and educational campaigns led by NCC and the Gender Champion Club.

SUSTAINABILITY

Mulya Pravah

09

Sustainability: ensure optimal resource utilization – economic, environmental and social – to achieve a long-lasting and safe future.

Emphasized through rural development projects and environmental initiatives by the Unnat Bharat Abhiyan Cell and ECO Club.

INTEGRITY

Mulya Pravah

04

Integrity: adhere to conduct duties in a righteous manner and in accordance with the principles of honesty, trust, transparency, and fairness.

Reinforced through workshops on academic honesty and civic responsibility by the Electoral Literacy Club and Student Development Cell.

GLOBAL CITIZENSHIP

Mulya Pravah

06

Global Citizenship: be a responsible global citizen.

Nurtured by the Literary and Photography Clubs through international awareness seminars.

TRUSTEESHIP

Mulya Pravah

08

Trusteeship: operate in an efficient, ethical, and true manner while ensuring group participation and a system of checks and balances within an institution.

Emphasized through rural development projects and environmental initiatives by the Unnat Bharat Abhiyan Cell and ECO Club.

➢ **Cultural and Artistic Engagement:**

The UHV Centre also uses art, music, and performance to enhance students' appreciation of diversity and human values, Cultural events promote inclusivity and encourage students to engage with others from different backgrounds.

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INCLUSIVENESS

Mulya Pravah

10

Inclusiveness: adopt standards, policies and procedures to promote and ensure equal opportunity, without discrimination against any individual or group, for education, employment, promotion, and other activities in an institution.
Emphasized through rural development projects and environmental initiatives by the Unnat Bharat Abhiyan Cell and ECO Promoted through inclusive sports events, cultural festivals, and service-oriented programs.
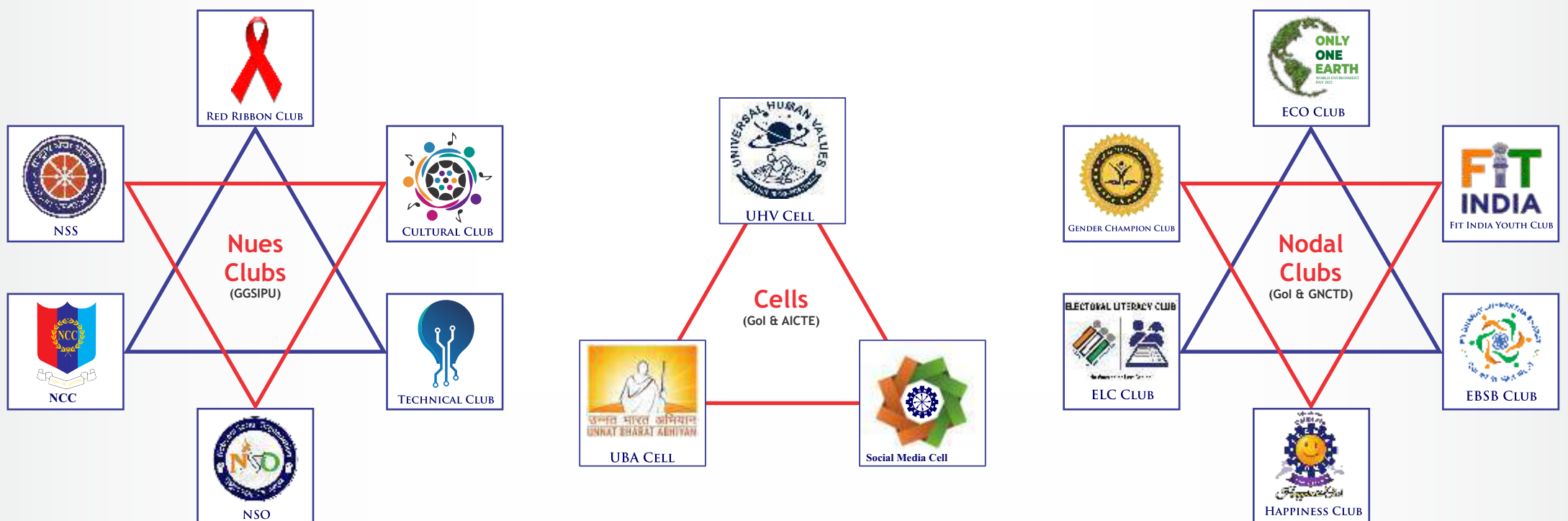
COMMITMENT

Mulya Pravah

11

Commitment: be dedicated to the vision and mission of the institution while acquiring knowledge, skills, and attitudes to achieve excellence in due time and within regulatory boundaries.
Promoted through inclusive sports events, cultural festivals, and service-oriented programs.
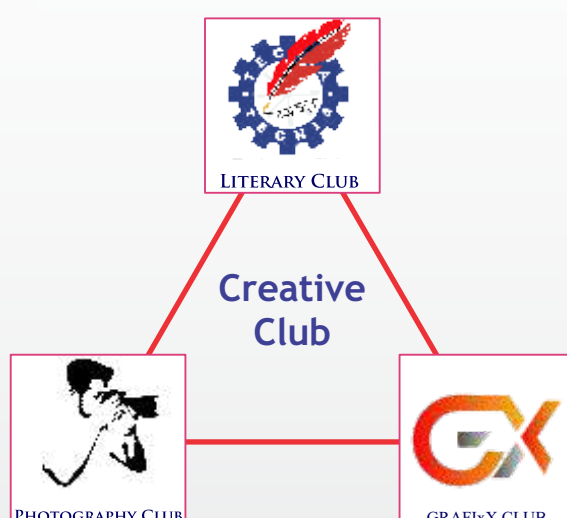
Impact on Students and Society:

By promoting ethical development and social responsibility, the Centre shapes students into well-rounded individuals ready to tackle the complexities of modern society, Student committees play a key role in instilling Human Values through various community-focused initiatives, directly contributing to the socio-economic development of the country.

RED RIBBON CLUB

NSS

CULTURAL CLUB

Nues Clubs (GGSIPU)

NCC

TECHNICAL CLUB

NSO

UHV CELL

Cells (GoI & AICTE)

UBA CELL

Social Media Cell

ECO CLUB

GENDER CHAMPION CLUB

FIT INDIA YOUTH CLUB

Nodal Clubs (GoI & GNCTD)

ELECTORAL LITERACY CLUB
ELC CLUB

EBSB CLUB

HAPPINESS CLUB

Future Directions:

The UHV Centre is poised to expand its programs and outreach to engage with local communities more actively, ensuring the long-term sustainability of its mission to integrate human values into education.

LITERARY CLUB

Creative Club

PHOTOGRAPHY CLUB

GRAFIxX CLUB

Conclusion:

The Universal Human Values Development Centre at Tecnia Institute of Advanced Studies is a cornerstone of value-based education. Through its holistic approach, it prepares students to meet the challenges of the modern world with integrity, empathy, and a strong commitment to social justice. As a Centre of Excellence, it plays a critical role in shaping socially conscious citizens ready to contribute to both personal growth and societal development.

Dr. Ajay Kumar
Director
Tecnia Institute of Advanced Studies

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CENTRE OF MEDIA PRACTICES
- Centre of Excellence -

The Centre of Media Practices at the Tecnia Institute of Advanced Studies(TIAS) is a hub for media-related education, skill development, and industry collaboration. Established in 2022 as a Centre of Excellence, it was designed to bridge the gap between theoretical media education and real-world industry practices. The Centre aims to provide an innovative platform where students can enhance their practical skills in media, engage in cutting-edge research, and gain exposure to the dynamic media landscape. With a mission to foster media literacy, promote ethical standards, and nurture creativity, the Centre offers students opportunities to thrive in a highly competitive industry through Tecnia TV.

OBJECTIVES

- Enhancing media education by offering practical training in digital, print, and electronic media.
- Promoting media literacy and fostering critical thinking about the role of media in society.
- Encouraging innovation and creativity in integrated marketing and communication strategies.
- Preparing students with the technical proficiency and ethical understanding needed for successful careers in media.
- Bridging the gap between academia and industry by fostering collaborations, partnerships, and hands-on experience.

KEY FEATURES

- EDUCATIONAL CONTENT
- EVENT COVERAGE
- CULTURAL PERFORMANCES
- INDUSTRY ENGAGEMENT
- STUDENT-CENTRIC SHOWS
- SKILL DEVELOPMENT & WORKSHOPS
- ALUMNI SUCCESS STORIES
- NEWS BULLETINS
- COLLABORATIVE LEARNING AND PROJECTS
- OUTREACH AND SOCIAL INITIATIVES
- SPECIAL SEGMENTS ON INDUSTRY TRENDS
- INTERACTIVE LEARNING

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CENTRE OF MEDIA PRACTICES
- Centre of Excellence -

Facilities and Resources

The Centre of Media Practices is equipped with state-of-the-art facilities, including media labs, digital production studios, and access to the latest media software. These resources enable students to develop practical skills, complementing their academic learning and ensuring they are industry-ready.

Impact on Students and the Industry

The Centre's commitment to technical proficiency, ethical awareness, and critical thinking shapes its students into well-rounded professionals. It emphasizes the importance of creating responsible, socially-conscious content and prepares students to thrive in media, journalism, and digital marketing.

Conclusion

The Centre of Media Practices at TIAS plays a pivotal role in preparing students for successful careers in media. By offering a blend of education, hands-on experience, and exposure to the latest industry trends, the Centre ensures that graduates are equipped to contribute meaningfully to the media landscape. Through platforms like Tecnia TV, it also fosters community engagement, creativity, and ethical media practices, making it a true Centre of Excellence.

This report blends the excellence of media practices and the objectives of the Centre while integrating Tecnia TV's unique features that benefit students, faculty, and the general audience.

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CENTRE OF COMMUNICATIONS
- Centre of Excellence -

Introduce the vision and mission behind the establishment of the Centre of Communications at Tecnia Institute of Advanced Studies (TIAS). Highlight its role as a Centre of Excellence, designed to equip students with industry-relevant skills in communications, foster innovative learning, and facilitate engagement between academia and industry. The Centre focuses on building media-savvy professionals and enhancing communication practices across disciplines through **"YOUGSTER"** News Paper.

OBJECTIVES

- Enhancing communication education through practical training in verbal, written, and digital communication.
- Promoting communication literacy and fostering a critical understanding of modern communication trends and challenges.
- Bridging academia and industry by fostering collaborations and real-world experiences.
- Nurturing creativity and innovation in communication strategies, mass communication, and journalism.

KEY FEATURES

Detail the key features that make the Centre of Communications a hub for excellence:

COMMUNICATION LABS:
State-of-the-art labs with access to the latest tools for digital media production, content creation, and broadcasting.

INDUSTRY WORKSHOPS:
Programs designed to give students insights into public relations strategies, media management, and brand communication.

COLLABORATIVE PROJECTS:
Opportunities for students to collaborate on cross-disciplinary communication projects, including multimedia content development and corporate communication campaigns.

KEY ACTIVITIES

Elaborate on the activities and offerings of the Centre :

- Workshops and Training Programs: Specialized sessions on topics such as corporate communication, mass communication, public relations, digital marketing, and content creation, led by industry experts.
- Internships and Industry Collaborations: Collaborating with leading communication firms, media houses, and PR agencies to offer students hands-on experience through internships and projects.
- Research and Development: Engaging in cutting-edge research in communication theories, media studies, and digital communication practices.
- Certification Programs: Value-added courses in public speaking, media ethics, crisis communication, and journalistic writing.

IMPACT ON STUDENTS AND THE INDUSTRY

Describe how the Centre prepares students to become effective communicators in a dynamic professional world. Highlight the skills they gain in content creation, media ethics, public relations, and strategic communication. Discuss the impact on the industry, as the Centre produces graduates who are industry-ready, technologically proficient, and ethically conscious.

SUCCESS STORIES

Mention student achievements, alumni success stories, and collaborations with top industry professionals that emphasize the Centre's commitment to producing communication leaders.

CONCLUSION

Conclude the report by emphasizing the Centre's vision of leading communication education, fostering innovation, and building strong industry connections. Highlight its role in shaping the future of communication professionals who are versatile, ethical, and ready to make meaningful contributions to the communication landscape.

This structure provides a clear, comprehensive approach to presenting the Centre of Communications - Centre of Excellence at Tecnia Institute of Advanced Studies.

AUG. 2011 - 2024

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CENTRE OF AI & ROBOTICS
- Centre of Excellence -

Established during the academic year 2021-2022, the Centre of AI & Robotics at Tecnia Institute of Advanced Studies (TIAS) marks a significant milestone in the institution's journey toward fostering technological innovation and cutting-edge research. As a Centre of Excellence (CoE), the AI & Robotics Lab reflects TIAS's commitment to advancing knowledge in Artificial Intelligence (AI) and Robotics, positioning itself as a leader in both educational and technological landscapes.

The lab aims to provide a dynamic ecosystem for students, faculty, and industry professionals to collaborate and push the boundaries of AI and robotics. It serves as a hub for hands-on learning, research, and skill development, empowering students to meet the ever-changing demands of the Fourth Industrial Revolution.

OBJECTIVES

- **Research and Innovation:** The Centre is dedicated to breakthrough research in areas like machine learning, robotics process automation (RPA), computer vision, and autonomous systems.
- **Industry Collaboration:** Serving as a knowledge hub, the Centre fosters partnerships between industry experts, students, and faculty, promoting real-world applications of AI and robotics.
- **Skill Development:** The Centre offers hands-on experience through state-of-the-art tools, preparing students to become leaders in the rapidly evolving AI and robotics industries.
- **Education and Knowledge Sharing:** It enhances AI literacy and knowledge dissemination through seminars, workshops, and collaborative projects.

FACILITIES AND RESOURCES

The AI & Robotics Lab is equipped with advanced infrastructure, including:

- Robotic arms
- Autonomous drone technology
- Machine learning workstations
- 3D printers for rapid prototyping
- LIDAR and camera sensors for autonomous vehicle simulations

These cutting-edge tools ensure that students and researchers are prepared to develop next-generation AI solutions and robotic systems.

CONCLUSION

The Centre of AI & Robotics at TIAS exemplifies a forward-thinking approach to technology education. By integrating AI and robotics into its academic framework, TIAS not only equips its students with the skills needed for the future but also contributes to shaping the future of AI and robotics on a global scale. Through collaborative research, hands-on projects, and industry engagement, the Centre aims to lead the charge in innovation, ensuring that TIAS remains a pioneer in AI and robotics education.

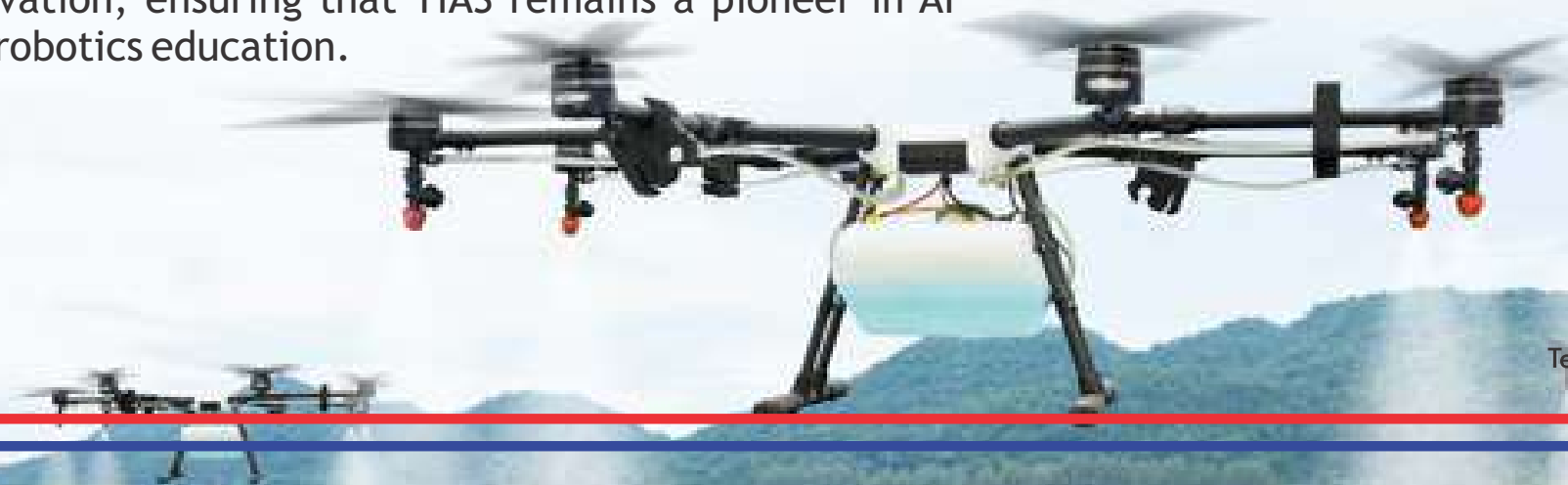## KEY FEATURES

SMART AGRICULTURE SYSTEMS
Utilizes AI and drones for precision farming by creating models for plant disease detection, crop monitoring, and yield prediction, ensuring sustainability and efficiency in agriculture.

AI-POWERED CHATBOTS FOR EDUCATION
Creates AI-based chatbots tailored for educational institutions that assist students with queries, deliver course content, and provide personalized learning experiences.

AI-POWERED CONTENT MODERATION
Designs an AI system to automatically identify and filter inappropriate content (e.g., hate speech, misinformation) from social media platforms, ensuring a safer digital environment.

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