



# ADGITM NEXUS

“BRIDGING SCIENCE, HUMANITY & INNOVATION”

APPLIED SCIENCE & HUMANITIES DEPARTMENT  
(ASH)



EXPLORING THE SYNERGY OF SCIENCE,  
ETHICS, AND INNOVATION FOR A BETTER  
TOMORROW

@ADGIPSDDEL

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# Applied Science & Humanities

## Introduction to the Applied Sciences and Humanities Department at ADGIPS

The Applied Sciences and Humanities Department at ADGIPS serves as the cornerstone of the engineering curriculum for first-year students. It provides a strong academic foundation in core scientific disciplines—Applied Physics, Applied Chemistry, Applied Mathematics and Humanities—which are essential for understanding and solving complex engineering problems. The department is committed to fostering students-centric learning environment through innovative teaching methodologies, hands-on experiences, and focus on academic excellence and holistic development simultaneously ...



### From the desk of Incharge of BTech 1<sup>st</sup> year

I am proud to have a very inquisitive, talented and energetic group of students who come from diverse backgrounds. We are sure each of them will prove to be an asset of the organization they will get associated with...

# Applied Science & Humanities



## Applied Physics

The study of Applied Physics at ADGIPS is designed to bridge the gap between theoretical concepts and real-world applications. The department employs a dynamic teaching approach that includes interactive lectures, practical demonstrations, and laboratory experiments...

## Applied Chemistry

In the realm of Applied Chemistry, the department focuses on the chemical principles that underpin various engineering processes. The curriculum integrates theoretical knowledge with practical laboratory sessions, enabling students to explore concepts like chemical reactions, material properties, and environmental chemistry...



# Applied Science & Humanities



## Applied Mathematics

The department's Applied Mathematics courses are designed to equip students with strong analytical and quantitative skills necessary for engineering problem-solving. The curriculum covers a wide range of mathematical techniques, including calculus, linear algebra, differential equations, and probability, all of which are essential tools for engineers...

## Communication Skills

Effective communication is a key component of professional success, and the Applied Sciences and Humanities Department places strong emphasis on developing these skills. The department offers specialized language labs and communication workshops aimed at enhancing students' proficiency in both written and spoken English...



# Applied Science & Humanities

## HVPE & IC



To nurture responsible and ethical engineers, the department inculcates courses on (HVPE) and (IC) into the curriculum. These courses strengthen students' moral reasoning, ethical decision-making, and professional and civic responsibility. Through case studies, discussions, and reflective exercises, topics such as integrity, sustainability, social responsibility, and ethical dilemmas in engineering are critically examined. Further, learning of the Indian Constitution makes the student familiar with concepts of basic rights, responsibilities, and government, thus cultivating excellent legal and democratic values...

“

## Supporting staff

At ADGIPS, our support staff—peons, custodians, and administrative personnel—are the heart of our institution. Their unwavering dedication ensures that our campus remains clean, organized, and welcoming, creating an environment where students and faculty can thrive. Beyond their daily tasks, they offer friendly assistance and foster a sense of community that enriches our college experience. Recognizing and appreciating their invaluable contributions is essential, as they are the unsung heroes who keep ADGIPS running smoothly...



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# Applied Science & Humanities

## Vision

To produce globally competent and socially responsible technocrats and entrepreneurs who can develop innovative solutions to meet the challenges of 21<sup>st</sup> century.

## Mission

- 1.To Provide Value-Based Education through Multi-Grade Teaching Methodologies and Modern Education Facilities.
- 2.To Sustain an Active Partnership Program with Industry and Other Academic Institutes with an Aim to Promote Knowledge and Resource Sharing.
- 3.To Conduct Value-Added Training Program to Enhance Employability.
- 4.To Provide Conducive Environment for Development of Ethical and Socially Responsible Technocrats, Managers and Entrepreneurs.



# CELEBRATING Academic Intelligence

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# CELEBRATING Academic Intelligence

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# NAVRATRI DANDIYA CELEBRATION

## Rythmic Reverie

The Navratri celebration at ADGITM was a spectacle of colors and coordinated footwork as students twirled to the beats of traditional Gujarati folk music.



## Beats & Bass: DJ Muneca

The fusion of Bollywood dandiya beats with electrifying remixes had the crowd grooving non-stop. With dazzling lights and pulsating music, the DJ session infused a contemporary vibe into the celebration.



## Festive Fiesta: Special events & Celebrations

Beyond the dance and music, the Navratri celebration was enriched with cultural performances, fun competitions, From engaging games to traditional rangoli designs, every corner of the campus reflected the spirit of festivity.

# Utkarsh 2024

## INAUGURATION

Utkarsh is the biennial techno-cultural fest of Dr. Akhilesh Das Gupta Institute of Technology and Management (ADGITM). The 2023 edition was a three-day festival organized by Team ALFAAZ, which brought forth a number of competitions and performances that presented language, creativity, and talent.

Netahub



The inauguration of Utkarsh 2023 was preceded by an opening ceremony that had established the tone for the celebrations. Although detailed information regarding the ceremony is scarce,



## CULTURE AND EVENTS

The event featured diverse cultural performances such as dance, music, and drama that gave students a platform to demonstrate their creative skills.

Various technical events and competitions were held, through which the students could showcase their technical expertise and creative innovation.

# STUDENT CORNER



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Through every storm and darkest night,  
You held me close, you made things right.  
With loving hands and hearts so true,  
You shaped my world in all I do.  
No love is deeper, none so wide,  
Mom and Dad, my endless guide.

Mom, your warmth, so soft and kind,  
A gentle touch, a thoughtful mind.  
Your lullabies still fill my dreams,  
Like moonlit whispers over streams.  
No love is deeper, none so wide,  
Mom and Dad, my endless guide.

Dad, your strength, so firm and wise,  
A guiding star in endless skies.  
You taught me courage, how to stand,  
To chase my dreams and lend a hand.  
No love is deeper, none so wide,  
Mom and Dad, my endless guide.

Together, both, my roots and wings,  
The melody my heart still sings.  
Through every joy and every tear,  
Mom and Dad, you're always near.  
No love is deeper, none so wide,  
Mom and Dad, my endless guide.

-by Aditya Vishwakarma

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# EDITORIAL BOARD

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Ayush Singh  
(Member)

Our Society has a Precious legacy of values,  
social consciousness and integrity that  
strengthens my adaptivity to new working  
environment and made me flexible for working  
challenges...