



DR. AKHILESH DAS GUPTA
INSTITUTE OF PROFESSIONAL STUDIES
[Formerly known as Dr. Akhilesh Das Gupta Institute of Technology &
Management]



THE
PIXION
IT MAGAZINE

JANUARY 2025 - JUNE 2025

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COMMUNICATION
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MODERN
SERVER CONNECT
COMPUTER
JOB TECH
MALE
BUSINESSMAN
MAN WORLD
MEDIA
CABLE
DATA
SECURITY
SOCIAL
NETWORK
SYSTEM
WORK
DESIGN



Late Babu Banarasi Das Ji

(1912-1985)

**Freedom Fighter
Ex-Chief Minister of U.P.**

To provide an open opportunity to the young generation for evolving their core competencies for building up their career as world-class professionals with broad-based foundation, in-depth knowledge & versatile personality to meet the challenges of global economy.



IT





Late Dr. Akhilesh Das Gupta

(1961 - 2017)

Founder Chairman
BBD Group

My idea of Society is a river of education and a storm of success. my vision of life is an ocean of learning and a tide of humanity

प्रेरकः सूचकश्चैव वाचको दर्शकस्तथा ।

शिक्षको बोधकश्चैव षडेते गुरवः स्मृताः ॥



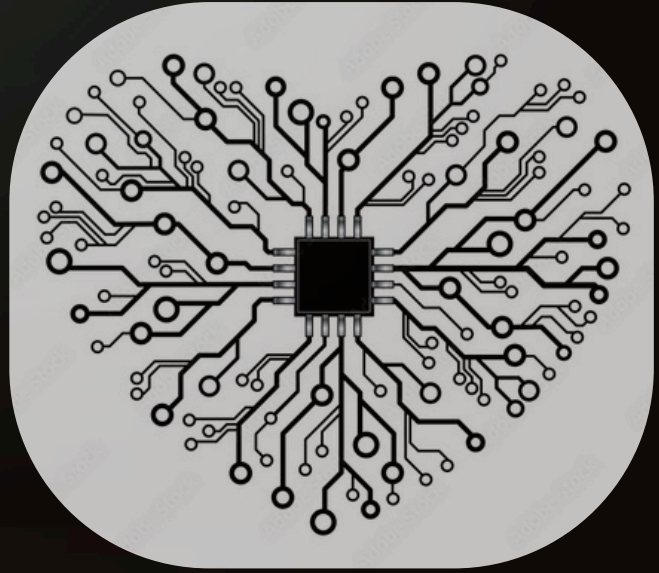


Mrs. Alka Das Gupta
Hon'ble Chairperson
BBD Group

Innovation requires passionate explorers who propel transformation at the workplace. With an ever-changing global scenario, the key to success is responding to the complex and rapidly changing issues in the world of information technology. The Department of Information Technology of ADGIPS is always making efforts to justify these points.

We impart an education that is based on consciousness and we rear a breed of young minds that are bustling with self-confidence, motivation, and ever ready to take up challenges. The campus, sports, and academic facilities all bear testimony to this effort. To promote an internationally acceptable education, our key focus has been on overall development.

Proficiency in computing technology has become essential for modern-day managers, business leaders, entrepreneurs, and other professionals. It is a welcome development. I look forward to PIXION 2025 setting a higher pedestal. I wish to PIXION editorial team a grand success.





Shri Viraj Sagar Das

**Hon'ble President
BBD Group**

I feel so delighted to find that the path of creativity and innovation is consistently followed by the Department of Information Technology. It always encourages its students to actively participate and compete in various competitions and events to show their abilities towards the new platforms of technology.

A great part of the magazine is the fact that it brings us a bouquet of topics that are of utmost relevance and interest to all. It is a great pleasure for me to get to know all the activities and achievements of the Department of Information Technology of Dr. Akhilesh Das Gupta Institute of Professional Studies in the form of such an interactive read.

I convey my best wishes for the success of PIXION 2025.



Prof. (Dr.) Niranjan Bhattacharyya
Director , ADGIPS

In his book *On Becoming a Leader*, Warren Bennis wrote, “No leader sets out to be a leader. People set out to live their lives, expressing themselves fully. When that expression is of value, they become leaders. So the point is not to become a leader. The point is to become yourself, to use yourself completely – all your skills, gifts and energies – in order to make your vision manifest. You must withhold nothing. You, must, in sum, become the person you started out to be, and to enjoy the process of becoming.”

We at Dr. Akhilesh Das Gupta Institute of Professional Studies believe in helping students to manifest their vision completely. How do we do this? We offer a rigorous education program rooted in all forms of practice, coupled with a vast array of electives and opportunities that come from our position of being affiliated to a major university. We give you the tools to continue learning and growing long after you leave our doors; we create opportunities for internships and experiences that broaden your horizons. I take this opportunity to express the fact that every effort is made to improve the existing best services to bring out the best for the welfare of our institution and the growth of our students.



Prof. (Dr.) Sanjay Kumar
HoD, IT Department

Welcome to have a view of the achievements and activities of the Department of Information Technology with the help of this semester's publication of PIXION. We are proud of our strong academic programs, which are based on theoretical and practical knowledge and match well with the requirements and demands of the industry. We have been working in the field of HCI (Human-Computer Interaction) which is an emerging technology. HCI researchers observe the ways humans interact with computers, and they design technologies that let humans interact with computers in novel ways.

We are committed to students by offering short term courses and pre-placement training classes that foster critical and analytical thinking and build the necessary skills to succeed in the industry. I am sure in times to come, many students from our department will make indelible mark nationally and internationally in the field of Information Technology and make us proud. The hard-working students, a young and dynamic faculty, whose expertise spans the range of disciplines in the computer science stream and a very healthy work-culture, are the basic elements that comprise the Department of Information Technology.

DR. AKHILESH DAS GUPTA

INSTITUTE OF PROFESSIONAL STUDIES



■ VISION

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

■ MISSION

- To provide value-based education through multi grade teaching methodologies and modern education facilities.
- To sustain an active partnership program with industry and other academic institutes with an aim to promote knowledge and resource sharing.
- To conduct value-added training programme to enhance employability.

DEPARTMENT OF INFORMATION TECHNOLOGY



■ VISION

- To produce successful IT graduates with a strong technical background and managerial skills for promoting growth in industry and society.

■ MISSION

- To provide managerial and professional skills among the students through value added programs.
- To provide an atmosphere where faculty and students can be engaged in continuous learning and contribute in the overall growth of the society.
- To provide industry oriented technical environment to help students excel in diversified fields.



DEPARTMENT OF IT

BEST TO MINIMUM
STUDENT PLACEMENT
2025

AMEER WAJID ALI

Josh Technology 

12.05



SANJEEV PRASAD

 INFOSYS

3.6



Events



THE ULTIMATE TREASURE HUNT

FEBRUARY 20TH, 2025

OBJECTIVE

TO FOSTER TEAMWORK, PROBLEM-SOLVING SKILLS, AND LOGICAL THINKING THROUGH AN ENGAGING AND INTERACTIVE NON-TECH TREASURE HUNT.



TECHQUEST

THE ULTIMATE TECHNICAL QUIZ
@UTKARSH'25

OBJECTIVE

TO CULTIVATE TEAMWORK, ENHANCE PROBLEM-SOLVING ABILITIES, AND ENCOURAGE LOGICAL THINKING THROUGH A TECH-INSPIRED INTERACTIVE TREASURE HUNT EXPERIENCE.



19TH FEBRUARY
2025



DR. AKHILESH DAS GUPTA
INSTITUTE OF PROFESSIONAL STUDIES
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FIC-08, Shreevastu Park, Bhandara, Delhi-110033

Department of Information Technology X Google Developer Groups On Campus

TECHQUEST
DECODE. DEBUG. DOMINATE.

UTKARSH DAY 1
19 Feb 2025
10 Am - 12 Pm

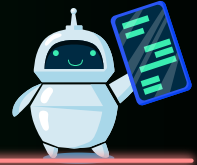
VENUE:
Room No. 2113 (CSE Block)
Exciting Prizes Await the Champions!

More Info & Registration:
+91 96253 82247 - SAGAR

SCAN THE QR CODE TO REGISTER!

AI-POWERED SEARCH

11TH FEBRUARY 2025



OBJECTIVE:

THE EVOLUTION OF DOCUMENT SEARCH SYSTEMS: FROM CARD CATALOGS TO AI-POWERED SEARCH

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Approved by AICTE & BCI and Affiliated to GGSIPU
@ akhileshdasgupta @ GGSIPUNoida

BBD

THE EVOLUTION OF DOCUMENT SEARCH SYSTEMS FROM CARD CATALOGS TO AI-POWERED SEARCH

Join us as we unravel the journey of search systems from paper to AI

Tuesday, 11 February 2025
IT SMART CLASS, ADGIPS

DR. DHANANJAY KIMOTHI
Technical Architect - AdAM, @ CIO@BBD

In this Expert Lecture, you'll discover:

- The rise of digital search systems
- How AI & ML are revolutionizing search technology
- Future trends in intelligent document retrieval

#ShapingGenerations



HACK & CHILL 2.0

EVENT SCHEDULE:

DAY 1 (MARCH 20TH) – 15 TEAMS COMPETE, 5 WILL BE SELECTED

DAY 2 (MARCH 21ST) – 15 MORE TEAMS COMPETE, 5 WILL BE SELECTED

DAY 3 (MARCH 22ND) – THE TOP 10 TEAMS COMBINED FROM

DAY 1 AND 2 WILL BE CALLED AND FINAL RESULTS WILL BE ANNOUNCED ON THE BASIS OF THE FINAL JUDGING ROUND





FACULTY

Achievements

JANUARY 2025 - JUNE 2025

RESEARCH AND DEVELOPMENT

PUBLICATIONS:

- JOURNAL PUBLICATION: **20+**
- CONFERENCE: **30 +**
- PATENTS: **10+**
- FACULTY PH.D. : **05**
- FACULTY PH.D. (ENROLLED) : **05**





PROF. (DR.) PREETY VERMA DHAKA
(EDITOR IN-CHIEF)

ESTEEMED READERS, WELCOME TO ANOTHER CAPTIVATING ISSUE OF OUR DEPARTMENT MAGAZINE! WE'RE EXCITED TO EMBARK ON A JOURNEY THROUGH A DIVERSE RANGE OF THOUGHT-PROVOKING ARTICLES THAT AIM TO ENGAGE AND INSPIRE YOU ON VARIOUS SUBJECTS.

YOUR INVALUABLE INPUT HAS BEEN PIVOTAL IN OUR DEVELOPMENT. IT DRIVES US TO DELIVER CONTENT THAT NOT ONLY INFORMS BUT ALSO CAPTIVATES YOUR INTEREST. OUR DEDICATED TEAM HAS INVESTED SIGNIFICANT EFFORT IN CURATING CONTENT THAT ECHOES OUR MISSION: PROVIDING A PLATFORM FOR DIVERSE VOICES, IDEA EXCHANGE, AND FOSTERING INNOVATION.

I WANT TO EXTEND HEARTFELT THANKS FOR YOUR UNWAVERING SUPPORT. THE DEPARTMENT MAGAZINE THRIVES BECAUSE OF READERS LIKE YOU, AND WE DEEPLY VALUE THE ENTHUSIASM YOU BRING TO EACH ISSUE.

LOOK FORWARD TO MORE IMAGINATIVE, CREATIVE, AND INNOVATIVE CONTENT IN UPCOMING EDITIONS. LET'S CONTINUE EXPLORING THE ENDLESS REALMS OF KNOWLEDGE AND INSPIRATION TOGETHER.

WARM REGARDS

THE EDITORIAL BOARD



HARSHIT KAMBOJ

BTECH , IT (S6)

BATCH 2023 - 27

DEPARTMENT OF IT ADGIPS, NEW DELHI



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