

# RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY

## TECHNOLOGIX NEWSLETTER



**IT DEPARTMENT**



**NBA ACCREDITED**



### Department of Information Technology

The Information Technology (IT) Department at RKGIT offers a Bachelor of Technology (B.Tech) program with a focus on the design, implementation, and management of information systems encompassing both hardware and software components. The curriculum is designed to equip students with the necessary skills to excel in the rapidly evolving IT industry.

### About Newsletter

The Department newsletter "Technologix" was started in the year 2019 with two publications per year. The newsletter highlights all the activities of the department, achievements of students and faculty members, publications details etc. Edition 1 of the news letter is published in the month of January and Edition 2 is published in the month of July every year. The newsletter editorial board consists of members from IT department including HOD, Deputy HOD, one faculty member and student representative of 2nd year and 3rd year.

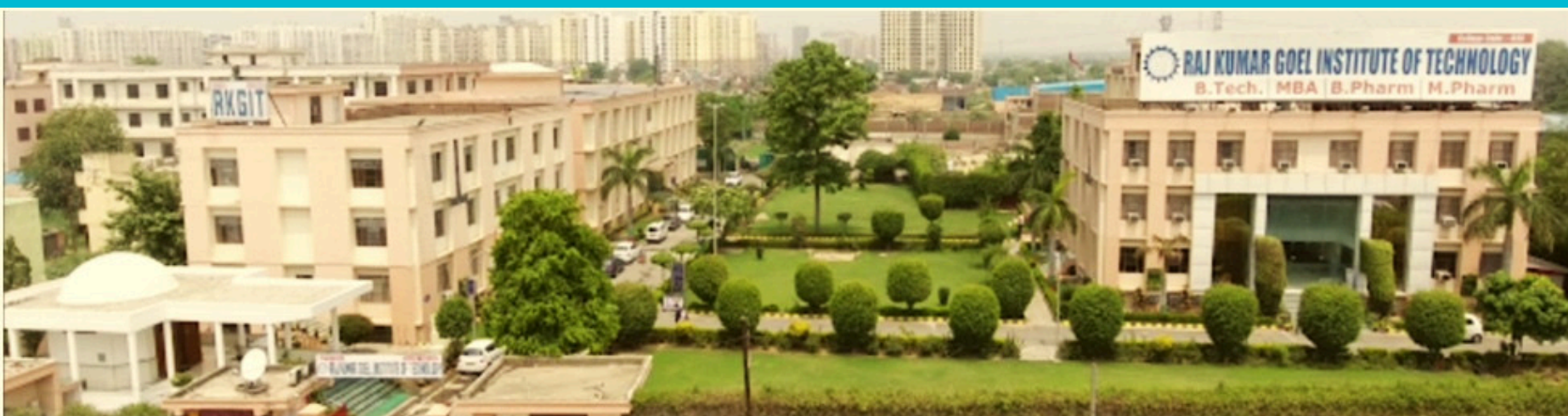
### Features of Newsletter

- About the Department
- Vision & Mission
- Logix Society
- Orientation Program
- Industrial Visit
- Guest Lecture
- Student's Corner
- FDP/NPTEL/Achievements

**VOLUME 6**  
**2024-2025**  
**EDITION:1**



# RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY



## *Editorial Board*

### *Chief Editors*



*Dr. Shalini Goel  
(HOD)*



*Dr. Sachin Goel  
(Deputy HOD)*

### **Editor**

*Ms. Chitra  
Assistant Professor*



## **Editorial Board**

### Chief Editors

Dr. Shalini Goel  
Dr. Sachin Goel

### Editor

Ms. Chitra

### Head Coordinators

Mr. Ashutosh Yadav  
Ms. Shruti srivastava

### Student Cordinators

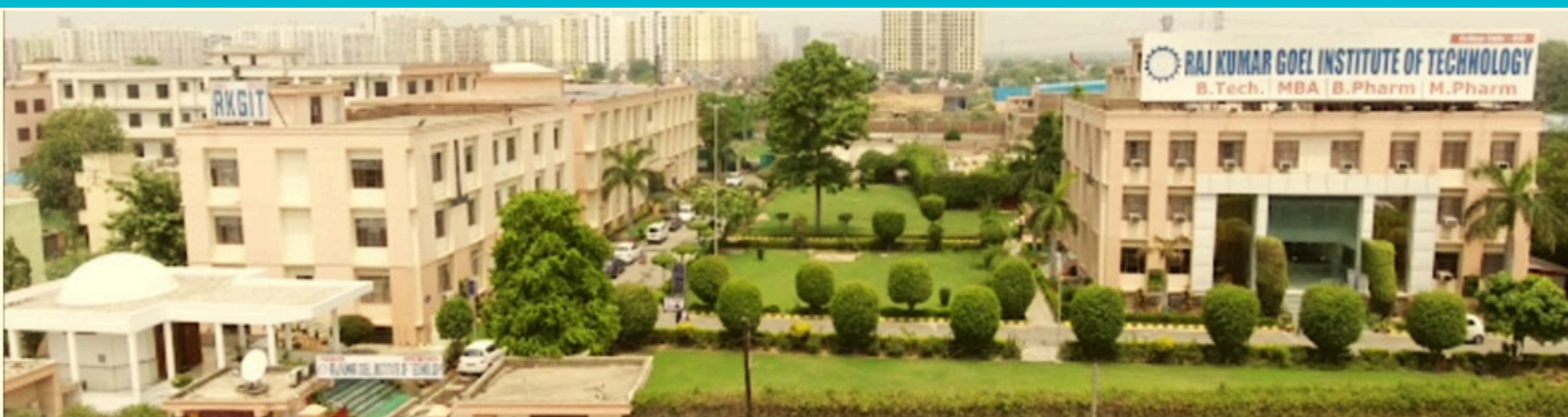
Ms. Sanidhya Saumya  
Ms. Sneha Gupta  
Mr. Keshav Kumar





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## IT DEPARTMENT



### *Student Head Coordinators*



*Ashutosh Yadav*



*Shruti*

### *Student Co-Coordinators*



*Sanidhya Saumya*



*Sneha Gupta*



*Keshav*



# TECHNOLOGIX NEWSLETTER

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## About the Department

Department of Information Technology at RKGIT was established in year 2000. Our department has been a cornerstone of technological education and advancement within RKGIT College. The Information Technology department at RKGIT was awarded NBA accreditation in 2022.

Over the past two decades, we've proudly nurtured minds, fostered innovation, and paved the way for countless individuals to embark on successful journey in the realm of Information Technology.

## Vision of the Department

To produce employable, self-disciplined, and competent IT professionals capable of providing sustainable solutions to problems in the field of information technology.





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## Mission of the Department

- To provide quality knowledge in the field of Information Technology.
- To make students capable to serve the industry and society with their innovative ideas and skills.
- To make students lead to contribute towards the overall progress and development over the globe.

## Programme Specific Outcomes (PSOs)

- An ability to develop & manage Information Technology resources of an individual or organization.
- An ability to develop IT solutions related to E-governance, E-Commerce, E-Education, and/or Health Care Management.

## Programme Educational Outcomes (PEOs)

### • **PEO1: Technical Competency**

Enrich the graduates with strong interpersonal & collaborative skills along with adherence to quality and professional ethics, empowering them to pursue successful careers in industry, public service, and research & development

### • **PEO2: Communication & Leadership Quality**

Enrich graduates with advanced technical skills and robust problem-solving abilities, empowering them to excel in their roles and make impactful contributions globally

### • **PEO3: Society**

Enrich graduates with a strong ethical foundation and a deep understanding of the societal impacts of technology, fostering responsible and sustainable IT practices.

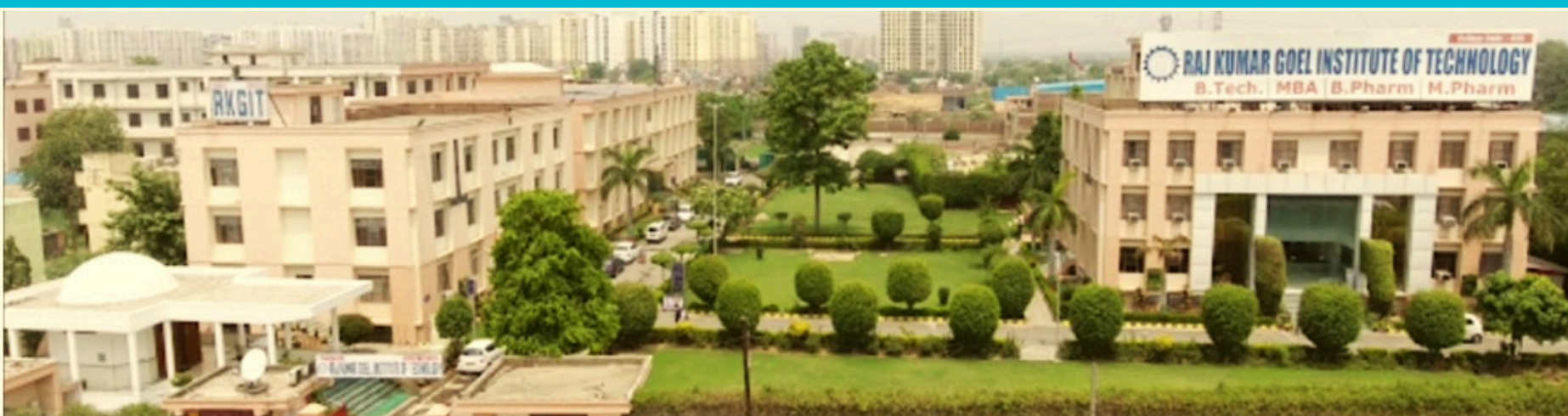
### • **PEO4: Life-Long Learning**

Enrich graduates with a commitment to lifelong learning, empowering them to adapt to technological advancements and succeed in challenging environments.



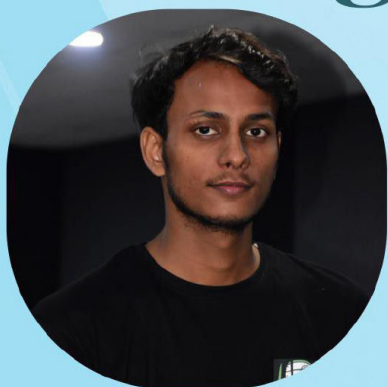
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## IT DEPARTMENT



## Logix Society

### Logix Heads



Aman Shukla



Disha Srivastava



Anubhav Kumar

#### Chief

Dr. Shalini Goel

#### President

Dr. Sachin Goel

#### Vice President

Ms. Himanshi

#### General Secretary

Aman Shukla

#### Secretary

Anubhav Kumar

#### Joint Secretary

Disha Srivastava

- Logix-the Techniocal Society associated with the Information Technology department at Raj Kumar Goel Institute Of Technology





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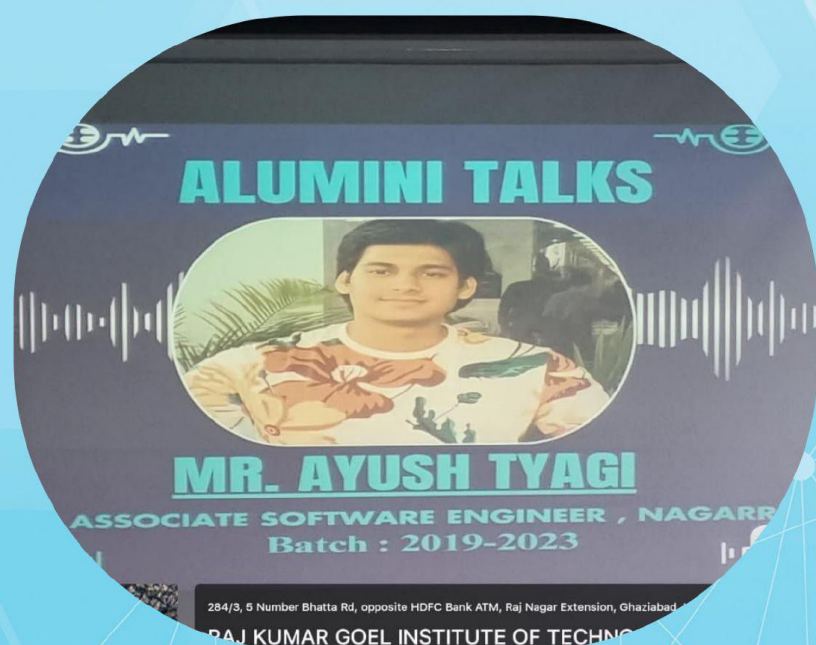
## IT DEPARTMENT



## Orientation

The Department of Information Technology organized a workshop on “Unlock the Future of WEB: Innovate, Build and Transform” on 30th September, 2024 for 3rd year students at Computer Center, A Block from 9:30 am-1:30 pm. The workshop was conducted by Mr. Punit Katiyar (corporate trainer & Full Stack Developer). He shared valuable insights into Web Technology basic Concepts, CSS, JavaScript and React JS, preparing students for future challenges in these fields. Additionally, 42 participants attended and gained industry knowledge and learned about current market trends, making the workshop both educational and highly engaging. The event was proficiently coordinated by Ms. Prachi Vashist (Assistant professor-IT) under the guidance of Mr. Sachin Goel (Dy.HOD IT) & Dr. Shalini Goel (HOD IT).

## Alumni Talks



On 25th September the IT Department has organised an Orientation program which held in seminar hall where an alumni named, Mr. Ayush Tyagi came to motivate students.





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### Industrial Visit

#### 2nd Year Visit

**Date:** 18 Nov 2024  
**Place:** DUCAT, Noida  
**Coordinators:**  
**Ms. Himanshi Goyal**  
**Mr. Sandeep Kumar**  
**No. of students:** 42



The Department of Information Technology organised an Industrial Visit for IT 2nd year Where Students explored the Scope of Python in Industry, and on going project in the industries for the same.

#### 3rd Year Visit

**Date:** 14 Nov 2024  
**Place:** Network Bulls,  
Gurugram  
**Coordinators:**  
**Mr. Saurabh Bhardwaj**  
**Ms. Prachi Vashist**  
**No. of students:** 50



The Department organized an Industrial Visit for 3rd year where they learned about Network development methodologies and network management.





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### Guest Lecture

**Speaker: Mr. Monu Kumar**

**Time: 1:30 PM - 4:30 PM**

**Venue: Seminar Hall,  
D Block**

**Topic: Data Structure  
& Algorithm**

**Organised for: 2nd year**



Dept. of Information Technology had organized a workshop on "Roadmap To Data Structure and Algorithm" for 2nd year. The workshop was conducted by Mr. Monu Kumar (corporate trainer & DSA expert).

**Speaker: Mr. Punit Katiyar**

**Time: 9:30 am - 1:30 pm**

**Date: 30th Sep 2024**

**Venue: A Block**

**Topic: "Unlock the future of  
web: Innovate, Build  
and Transform"**

**Organised For: 3rd Year**



Dept. of Information Technology organized a workshop on "Unlock Future of WEB: Innovate, Build and Transform" for 3rd year. The workshop is conducted by Mr. Punit Katiyar (corporate trainer & Full stack Developer).





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### Student Corner

आरकेजीआईटी आईटी विभाग के छात्रों ने सामाजिक सेवा गतिविधि में बढ़-चढ़कर लिया हिस्सा



### PRATIMA SAMMAN

IT Department of Raj Kumar Goel Institute of Technology Participated in special social survive campaigning organised by PAAVAN CHINTAN DHARA ASHRAM (In Chota Haridwar).

Avni IT 3A Participated in SIH2024 and achieved 2nd Position.



### Placement :



Name : Vivek Kumar Chaurasiya  
Batch : 2021-2025  
Company : Paytm





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## OUR TOPPERS

### 4th Semester



**Vartika Singh**  
1st (87.2%)



**Shrishti Saini**  
2nd (85.7%)



**Shridhi**  
3rd (84.3%)

### 6th Semester



**Pratibha Tyagi**  
1st (83%)



**Khushi Vishwakarma**  
2nd (80.7%)



**Vaibhav tyagi**  
3rd (77.8%)

### 8th Semester



**Jagdamba Bharti**  
1st (86.1%)



**Anjali Kaushik**  
2nd (85%)



**Shreya Srivastava**  
3rd (84.4%)





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### STUDENTS ACHIEVEMENTS

| S.no | Name of Student   | Roll No.      | Semester | Achievements  |
|------|-------------------|---------------|----------|---|
| 1    | Avni Singh        | 2200330130014 | 5        | Represented institute in Smart India Hackathon National Level 2024 and reached Finale |
| 2    | Meenakshi Negi    | 2200330130031 | 5        | Cleared NPTEL Exam  |
| 3    | Shruti Srivastava | 2200330130052 | 5        | Cleared NPTEL Exam  |
| 4    | Ashmit Yadav      | 2300330130020 | 3        | 2nd position in Group Dance at HLM Group of Institutions                              |
| 5    | Ashmit Yadav      | 2300330130020 | 3        | 2nd position in Kho-Kho at AKTU zonal sports fest 2024-25                             |





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## FDP ATTENDED

### **1. Dr Shalini Goel (HOD,IT) Participated in**

- 10 Hours International Faculty Development program on Machine Learning and Artificial Intelligence organized by Pimpri Chinchwad College of Engineering and Research, Ravet Pune Maharashtra, Sri Venkateswara Degree College, Kadapa Andhra Pradesh.

### **2. Ms. Chitra Nasa (Asst. Professor,IT) Participated in**

- FDP on "Entrepreneurship and Start-Up development" held at RKGIT, Ghaziabad, organized by Department of ECE & EII in Collaboration with UVPF Start up Labs (Wings of Udyam Vidhya Prashar Foundation).
- One Day Workshop on "Web Technology" on 30/09/2024 at RKGIT, Ghaziabad conducted by DUCAT.
- AICTE Recognized FDP on "Enhancing Research Capabilities for Academic Career Progression" Conducted by Entrepreneurship Development and Industrial Coordination Department from (One Week) at NITTTR, Chandigarh.
- NPTEL-AICTE FDP on "Introduction to Industry 4.0" and Industrial Internet of Things, Duration of Week: 12 weeks.
- Successfully attended AICTE Training and Learning (ATAL) Academy FDP on "Innovative Applications and Ethical Considerations of Artificial Intelligence in Modern Research" at BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY.
- Successfully attended AICTE Training and Learning (ATAL) Academy FDP on "Generative AI Mastery: From Foundations to Applications" at AJAY KUMAR GARG ENGINEERING COLLEGE.

### **3. Ms. Gunjan Aggarwal (Asst. Professor,IT) Participated in**

- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Innovative Application and Ethical Considerations of Artificial Intelligence in Modern Research & BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY.





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## FDP ATTENDED

### **4.Ms. Himanshi (Asst. Professor,IT) Participated in**

- Participated in 10 Hours International Faculty Development Program on Machine Learning and Artificial Intelligence organized by Impri Chinchwad College of Engineering and Research, Raver, Pune Maharashtra ,Sri Venkateswara Degree College, Kadapa Andhra Pradesh.
- Successfully participated completed ACTE Training And Learning (ATAL) Academy Faculty Program on Innovative application and Ethical Considerations of Artificial Intelligence in Modern Research & Bhagwan Parshuram Institute of Technology.

### **5.Ms. Priya Rana (Asst. Professor,IT) Participated in**

- Successfully completed the 5 days FDP on "Entrepreneurship and Start-up Development" held at Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad organized by Department of ECE & EI in collaboration with UVP start up labs (wing of Udyam Vidya Prasar Foundation).
- Five days Faculty Development Program on the theme "Emerging Trends in Machine Learning/AI" organized by Galgotias College of Engineering and Technology (GCET, Gr. Noida) sponsored by Dr. APJ Abdul Kalam Technical University (AKTU), Lucknow.
- One Week offline Faculty Development Program on "National Education Policy 2020" supported and sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow and organised by Department of Computer Science and Engineering, ABES Institute of Technology, Ghaziabad (College Code 290).





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## FDP ATTENDED

### **6.Ms. Prachi Vashist (Asst. Professor,IT) Participated in**

- **Successfully completed One Week offline Faculty Development Program on "National Education Policy 2020" supported & sponsored by Dr. A.P.J. Abdul Kalam Technical University, Lucknow and organised by Department of Computer Science and Engineering, ABES Institute of Technology, Ghaziabad(College Code 290).**
- **Five days FDP on "Entrepreneurship and Start-up Development" held at Raj Kumar Goel Institute of Technology (RKGIT), Ghaziabad organized by Department of ECE & EIT Incollaboration with U V P start up labs (wing of Udyam Vidya Prasar Foundation).**
- **One Week offline Faculty Development Program on "National Education Policy 2020 supported & sponsored by Dr.A.P.J. Abdul Kalam Technical University, Lucknow and organised by Department of Computer Science and Engineering, ABES Institute of Technology, Ghaziabad (College Code 290).**
- **Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program Innovative Application and Ethical Considerations of Artificial Intelligence in Modern Research & BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY.**
- **Successfully attended AICTE Training and Learning (ATAL) Academy FDP on "Generative AI Mastery: From Foundations to Applications" at AJAY KUMAR GARG ENGINEERING COLLEGE.**





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## Faculty Achievements

## NPTEL/Paper/Patent Published

### 1. Dr. Shalini Goel (HOD, IT)

- Successfully completed NPTEL course of 8 weeks on "Database Management System" with a consolidated score of 70%.

### 2. Dr. Sachin Goel (Deputy HOD, IT)

- Successfully completed Phd from Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun .

### 3. Ms. Chitra (Asst. Professor, IT)

- Successfully completed NPTEL Course of 12 weeks on "Introduction to Industry 4.0" and Industrial Internet of Things from July-Oct 2024, with 81%, ranked in Top 5%.
- Published a paper titled "AID-UP: A Platform to Connect NGOS and Volunteer Teachers" in International Conference on Advanced Computing and Emerging Technologies(ACET)-2024.





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### **4. Dr. Veena Bharti (Associate Prof. , IT)**

- Successfully completed NPTEL Course of 12 weeks on "Introduction to industry 4.0" and Industrial Internet of Things from July-Oct 2024, with 78%, with Silver Badge.
- Successfully Emoji Support Predictive Mental Health Assessment Using Machine Personalized Intervention Avenues Learning: in 2024-08-30 .

### **5. Mr. Saurabh Bhardwaj (Asst. Prof. , IT)**

- Published Paper on Analyzing the recent advancements for Speech Emotion Recognition Using Machine Learning Techniques.

### **6. Ms. Priya Rana (Asst. Prof. , IT)**

- Successfully completed NPTEL Course of 12 weeks Course on " Introduction To Machine Learning" from July- Oct 2024 .
- Successfully Completed NPTEL Course of 12weeks Course on "Digital Image Processing" from July - Oct 2024 .

### **7. Ms. Prachi Vashist (Asst. Prof. , IT)**

- Paper published in an improved triangular management framework for improve the automotive vehicles using decision based data analysis "Advancement in Electronics Communication Engineering" in AECE-2024.





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## IT FACULTY

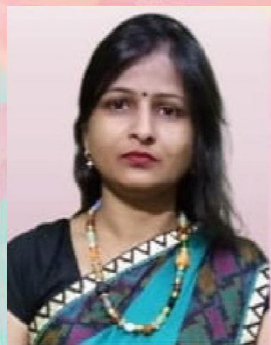
Dr. Shalini Goel, HOD-IT



Dr. Sachin Goel, Deputy Head-IT



Dr. Veena Bharti



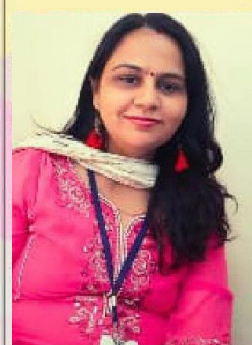
Ms. Gunjan Agarwal



Ms. Himanshi



Ms. Priya Rana



Mr. Sandeep Kumar



Mr. Santosh Kumar



Ms. Prachi Vashist



Ms. Chitra



Mr. Saurabh Bharadwaj



"Education is the most powerful weapon  
which you can use to change the world"

THANK YOU