# TECHNO*LOGIX*
## Bulletin

# IT DEPARTMENT
# E-NEWSLETTER

**logix**

# RAJ KUMAR GOEL
## INSTITUTE OF TECHNOLOGY
Approved by A.I.C.T.E, Ministry of HRD, Govt. of India

## Our Vision

To continually develop excellent professional capable of providing sustainable solutions to challenging problems in their fields and prove responsible global citizens.

## Our Mission

We wish to serve the nation by becoming reputed deemed university for providing value based professional education.

# Our Team

## CHIEF PATRONS

Sh. Dinesh Kumar Goel

Sh. Akshat Goel

## PATRONS

Dr. Laxman Prasad

Dr. B.C. Sharma

Dr. D.K. Chauhan

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Ms. Ritu Agarwal

## EDITOR

Ms. Himanshi

## EDITORIAL BOARD

Dr. Amit Pathak     Ms. Priya Rana     Ms. Gunjan Agarwal     Ms. Tanvi Shree
Mr. Saurabh Bhardwaj     Mr. Sandeep Kumar     Mr. Santosh Kumar

## STUDENT BOARD

Coordinator – Shalini singh (2nd year)

Team – Khushi Shrivastava (4th year), Shashwat Srivastav (4th year)

Shivam Umrao (3rd year), Harsh Singh (3rd year)

Pratibha Tyagi (2nd year), Kuldeep Lodhi (2nd year),

Mohd Faisal Raeen (2nd year)

# Faculty Achievement

She has successfully published a research paper

- Completed Training Program on **Blue Ocean Strategy for Entrepreneurship Promotion**.
- Published Research Paper on "**Statistical Analysis in Indian Banking Industry**" in **Springers Journal** available on **UGC website** with **ISSN number: 978-981-19-9511-8.**
- Published Research Paper on "**Bangla Handwritten Character Recognition using CNN**" in chapter/book **Machine Intelligence and Data Science Applications** of **Springers Publisher**.

**Ritu Agarwal**
Associate Professor
HOD – IT

He has successfully published a research paper

- Completed Training Program on **Blue Ocean Strategy for Entrepreneurship Promotion**.

- Published a Research Paper on **A Systematic Analysis in Role of Human Computer Interfaces in current trends using Blockchain** in **International Journal of Reliable and Quality E-Healthcare (IGI Global)** available on **IGI Website ( https://igi-global.com/.).**

**Dr. Amit Kumar Pathak**
Associate Professor
IT Department

*We wish them success for their future endeavors.*

# Faculty Achievements

## Priya Rana

- Completed **Faculty Development Program** on **Machine Learning** at **Raj Kumar Goel Institute of Technology** with joint initiative of **MeitY & IIT Kanpur**.

## Gunjan Agarwal

- Patent Registered on **A System and Method for Improving the accuracy of Hindi Spam Classification** based on **Supervised Machine Learning**.

## Tanvi Shree

- Completed **PhD Coursework** from **Bennett University**
- Completed Training Program on **Research Methodology & Tools** by **ABES, Ghaziabad**
- Completed Training Program on **Blue Ocean Strategy for Entrepreneurship Promotion**

## Himanshi

- Published a Research Paper on **Mapping National Information & Communication Technology(ICT) Infrastruction**
- Delivered a lecture on **Role of ICT in Education** in **Central University** organized by **NCERT**

# Faculty Achievements

## Saurabh Bhardwaj

- Published a Research Paper on **Data Mining for Education Introduction** in **International Journal of All Research Education and Scientific Methods (IJARESM)** available online on https://ijaresm.com/
- Patent Registered on **Cyber Threat Detection using Deep Learning** using **Indian Patent Act 1970**.

## Sandeep Kumar

- Published Research Paper titled "**Real-Time Surveillance System for Women's Safety and Crime Detection in Public Area**" in 2023 **1st International Conference on Intelligent Computing and Research Trends (ICRT)** with **ISSN Number: 3503-3678-8**
- Published Research Paper on "**CNN & M-BDLSTM Usage to Forecast Hourly Energy Use**" in **IEEE XPLORE Journal** available on **UGC website** with **ISSN number: 3503-3677-1**.

## Santosh Kumar

- Completed Training Program on **Python for Data Science**.

# Student Achievements



**Tavishi Panwar**, former student of B-Tech (IT Department) has been awarded **Gold Medal** by Honourable Governor UP Smt. Anandi Ben Patel in 19th convocation of Dr APJ Abdul Kalam Technical University held on 16th Dec 2021 at University Campus, Lucknow (UP) and has been awarded with a cheque of **1 Lakh Rupees** only on 18th April 2023 by college administration with a formal gathering with faculties and students.

Heartiest congratulations to the most versatile performer in IT department "Tavishi Panwar" (2017-2021). It is always great to see such ambition around us.

It is always great to see such ambition around us. Hoping to see you as more successful and happiest in your life. Hard work pays and you are truly an example for all of us, wishing you good luck and best wishes for your journey. May you touch the peak of success.

# Student Achievements



Student of B-Tech 2nd Year (IT) has been awarded **2nd position in the NUKKAD GALI in IPEC FEST UDBHAV** held on 28/04/2023 at IPEC, Uttar Pradesh.

## Details

Name-            Shalini Singh

Roll no-         2100330130030

Branch-           B-Tech 2rd Year (IT)

Batch-           2021-2025

Event-           IPEC FEST UDBHAV

Position-        2$^{nd}$ Rank

Date of event-   28/04/2023

Venue-           Ghaziabad

# Student Achievements



Student of B-Tech 2nd Year (IT) has been awarded **1ˢᵗ and 3ⁿᵈ position in the Battle of bands and Debate competion in Delhi Metro Polition Education FEST ALOHA** held on 28/04/2023 at DMPE, Uttar Pradesh.

## Details

Name-            Yashovardhan Gaur

Roll no-         2100330130039

Branch-          B-Tech 2rd Year (IT)

Batch-           2021-2025

Event-           Delhi Metro Polition Education FEST ALOHA

Position-        1ˢᵗ and 3ʳᵈ Rank

Date of event-   12/01/2023

Venue-           Ghaziabad

# Student Achievements

| s.no | Student Name | Name of Event | Venue | Date of Event | Position |
|------|--------------|---------------|-------|---------------|----------|
| 1. | Shalini singh | Cultural | RKGIT, Ghaziabad | 19/04/2023 | 2$^{nd}$ Position |
| 2. | Yashovardhan Gaur | Cultural | RKGIT, Ghaziabad | 19/04/2023 | Participant |
| 3. | Harshit Awasthi | Cultural | RKGIT, Ghaziabad | 19/04/2023 | Participant |
| 4. | Kuldeep Lodhi | Sports | RKGIT, Ghaziabad | 18/02/2023 | Winner |

# Workshop





**Department Of Information Technology** conducted an offline workshop **"Kickstarter UI Design"** for students of 2nd Year on date 25/01/2023 at college campus, Raj Kumar Goel Institute of Technology, Ghaziabad (UP).

The students gained very insightful knowledge by learning UI and UX basics and their better use on team projects and create new career opportunities. Apply design frameworks to create low-fidelity wireframe deliverables.

Proper step-by-step instructions were also presented to students.

## Workshop Report

| | | |
|---|---|---|
| Topic | : | Kickstarter UI Design |
| Mode of Workshop | : | Offline |
| Date | : | 25-01-2023 |
| Time duration | : | 10am-12pm |
| Branch & Year | : | IT 2"d year |
| Venue | : | Lab 04, D Block, RKGIT |
| No. of Students enrolled | : | 38 |

# Placements

**Sumit Pandey**
Gemini Solutions
Appinventiv Technologies
Tech Mahindra
TCS

**Shivanshita Tiwari**
HCL Technologies
HSBC

**Ayush Tyagi**
Nagarro

**Ayush Srivastav**
MAQ Software

**Kshitiz Gupta**
Unthinkable Solutions

**Yash Kumar Sharma**
Nucleus Software

**Rukaiyya Naaz**
Centilytics

**Shashwat Srivastava**
Unthinkable Solutions
TCS
Deloitte

**Animesh Bansal**
Infosys

**Shivyanshi Verma**
NEC Corporation India

**Rishabh Gangwar**
Tech Mahindra
Hexaware Technologies

**Siddhant Saxena**
Hexaware Technologies

# Alumni Message

"
    Hello everyone, my name is Mohak Garg and I'm an alumnus of the IT Department at RKGIT. Currently, I work as a Software Developer at Core Value Technology in Noida. Today, I would like to share my college life experience with all of you. College life is often considered to be one of the most memorable phases in a person's life. During my time at RKGIT, I was exposed to numerous new experiences and opportunities that I had not encountered before. I approached my studies and career with utmost seriousness and dedication. I owe a great deal of my current success to the faculty members at RKGIT. They consistently motivated and supported me, serving as strong pillars in my journey. College life presents various challenges, but I am grateful to all the faculty who helped me overcome them. RKGIT taught me to be more confident and composed and instilled in me the strength to stand up and fight my own battles.
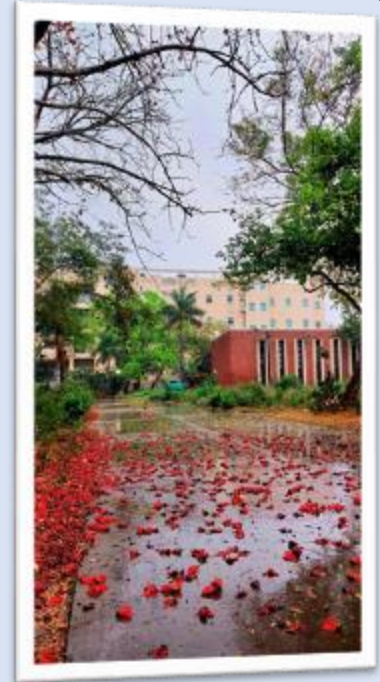
**Mohak Garg**
(Batch 2017-2021)
**Software Developer,
Core Value Technology**

"
    Hi everyone, my name is Vineet Kumar Mishra, an alumni of RKGIT IT department. Currently I am working as a software engineer at TCS Noida.

My department encouraged me to explore my talent & potential by providing an exceptional integrated learning environment. I am grateful to my teachers who have changed my whole aspect towards learning. I express my heartfelt thanks to the institution for giving me the perfect opportunity to explore myself.

**Vineet Kumar Mishra**
(Batch 2017-2021)
**Software Engineer,
Tata Consultancy Services**

# Student Corner



-Photography by Yashovardhan (2<sup>nd</sup> year)

## Web 3.0

Web 3.0, also known as the Semantic Web, represents the next evolutionary phase of the internet, building upon the foundations of its predecessors. In Web 3.0, the focus is on creating a more intelligent and interconnected web experience, where information is not only readily accessible but also comprehensible to machines. It is characterized by the integration of artificial intelligence, machine learning, and advanced data analysis techniques to enable more personalized and meaningful interactions. Web 3.0 aims to seamlessly connect data, services, and applications across different platforms, providing users with a more unified and cohesive online experience. By harnessing the power of linked data and semantic technologies, the Semantic Web empowers users with the ability to search, navigate, and interpret information in a more intuitive and efficient manner. It also opens up new possibilities for automation, smart devices, and collaborative knowledge sharing, paving the way for innovative applications and services that can better understand and anticipate user needs. With Web 3.0, the internet becomes an intelligent and context-aware environment, enabling a wide range of transformative experiences and enhancing the way we interact with information and each other.

**-Shalini Singh (2<sup>nd</sup> year)**

# Upcoming Birthdays

## Faculty

Himanshi (23 Jan)

Dr. Amit Pathak (05 April)

Saurabh Bhardwaj (03 May)

## Students

Shalini Singh (21 April)

Abhishek Dhanaliya (31 Jan)

Vaibhav Tyagi (03 May)

Samanth Singh (02 Feb)

Manish Jaiswal (05 Jan)

Sumit Agrahari (26 June)

Arpita Mishra (17 June)

Pratibha Tyagi (01 Jan)