



# NEWSLETTER

*Volume (1), Issue (1)*

*January - March 2023*

## *Computer Science & Engineering*



***Department of Computer Science &  
Engineering***

***Faculty of Engineering & Technology (FET)***

***Gurukula Kangri(Deemed to be University) Haridwar***



# Faculty of Engineering & Technology(FET) Gurukula Kangri(Deemed to be University) Haridwar

## *A Newsletter from* **Department of Computer Science & Engineering**

### Department of Computer Science & Engineering Quarterly Newsletter - January - March 2023

## EDITORIAL

I feel happy to welcome you all in the new year, 2023. In session January to March 2023 different events were organized. The department focussed on three main goals for this quarter MOOCS Courses, Industry Academia Relationship and Research. For it three main events were organized. NPTEL Awareness Program was organized in FET on 06 February 2023 by Dr. Suyash Bhardwaj, SPOC GK(DU). IBM invited Prof. Mayank Agarwal for roundtable discussions held at IBM Gurugram on 21 February 2023 to discuss how academia and industry can collaborate for mutual benefits. G20 National workshop on Research and Innovation was organized in hybrid mode (online and offline) on 27 Feb, 2023. Collaborations with Industry, Learning through MOOCS courses and participation in research activities will definitely result in making graduates as desired by our nation. We at GK(DU) always believe that education should be for the betterment of society, we strive for our motto "Producing Technocrats with Ethics". Any project or research taken at the undergraduate level is useless if it cannot address current societal or industry problems. We should strive to develop nexus among society, Industry and institutions so that our activities will be goal oriented. It will bring meaning to what we will practice in terms of gaining knowledge or expertise in lab skills. The department should strive to get industry support for undergraduate and research projects. That is how engineering education, institution, and departments can justify their contributions and importance. Meaningful, comprehensive, and collaborative research will provide higher platforms to express ourselves. It will pave the way for students-students, faculty-students and faculty-to-faculty interactions at the national and international levels.



Dr. Mayank Aggarwal  
Professor (HOD)  
Department of Computer Science & Engineering  
GK(DU), Haridwar





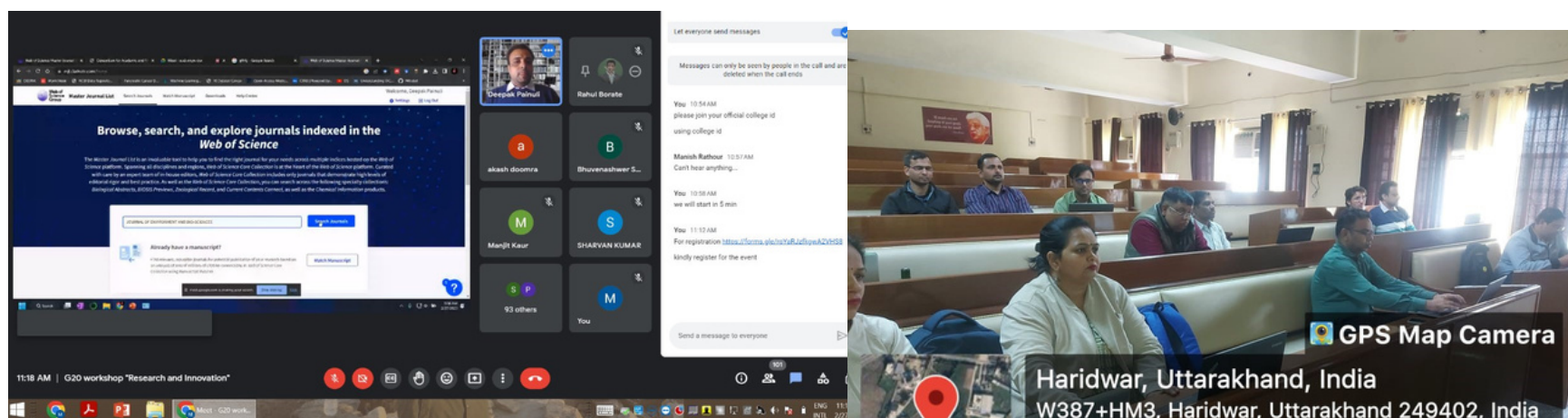
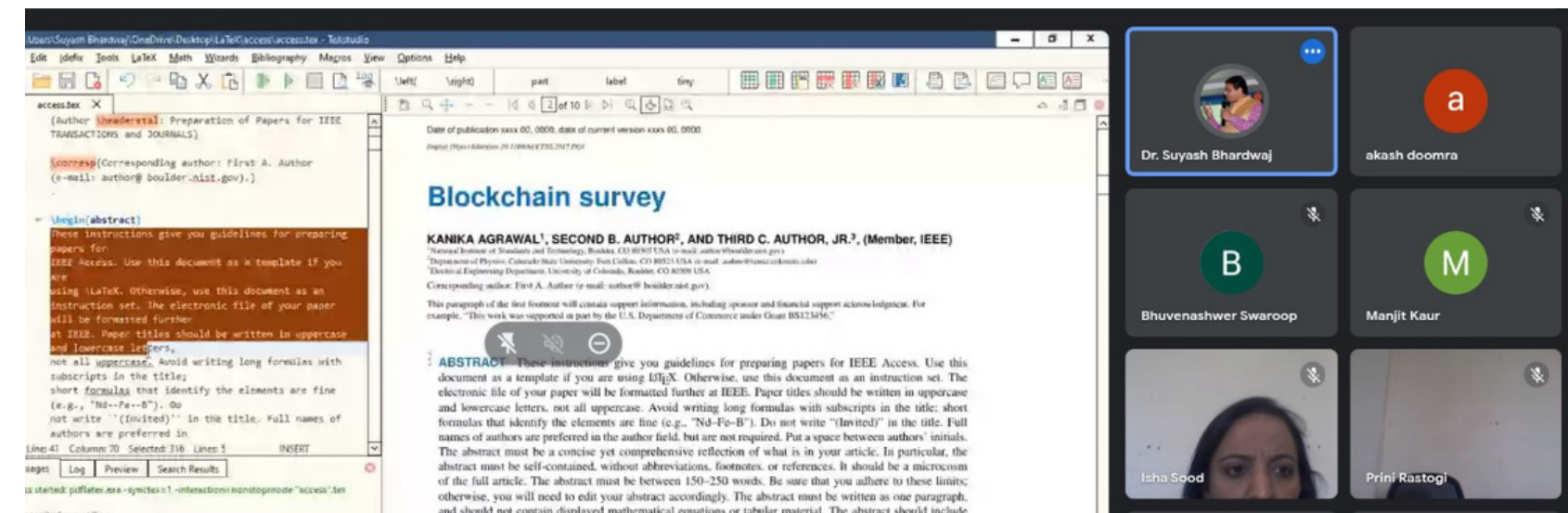
NPTEL Awareness Program was organized in FET on 06 February 2023. Dr. Suyash Bhardwaj, SPOC GK(DU), presented the aim and objectives of SWAYAM NPTEL and introduced the students with the NPTEL Portal explaining the enrollment process and course selection.



IBM invited Prof. Mayank Agarwal for roundtable discussions held at IBM Gurugram on 21 February 2023 to discuss how academia and industry can collaborate for mutual benefits. How students can be provided with the courses necessary to build their career in industry, and about IBM Skill Academy.







G20 National workshop on Research and Innovation was organized in hybrid mode (online and offline) on 27 Feb, 2023 at 11 AM-2 PM. Prof. Mayank Aggarwal, Head , Dept. of CSE, FET, GK(DU), Haridwar shared his views on the Research and Innovation. Mr. Deepak Painulli , Assistant professor, CSE delivered his talk on journal scope and validation on UGC care, web of science and Scopus. Ms. Kanika Agrawal delivered his talk on Latex.



Dr. Mayank Aggarwal acted as Coordinator for Technology Sangam held under Uttarakhand Science Congress by UCOST, Dehradun. Dr. Suyash Bhardwaj was the Co-coordinator. The event was conducted to find the solutions faced by natives of Uttarakhand through technology.



# Placement 2023

## Department of Computer Science & Engineering

### Quarterly Newsletter - January - March 2023

**Gurukul Kangri University,  
Haridwar**

**Shabbir Poswal**  
Department of Computer  
science and technology  
Batch (2023)



GEM OF HIMACHAL PRADESH

**CONGRATULATION...**

- Placed in Bebo Technology
- Clear GATE-2023
- Mobile Application Development

**in Shabbir Poswal**

**Gurukul Kangri University,  
Haridwar**

Department of Computer Science and  
Technology  
Batch 2023



**Asim Aakash**  
Congratulations

- Placed in TCS (Digital Role)
- Selected In Hexaview
- Full Stack Web Development



**Gurukula Kangri (DU) Haridwar**

**Pritosh Kumar**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2019-2023



**Congratulations**

Placed in

**Unified Cloud**





**Gurukula Kangri (DU) Haridwar**

**Nitin Pundir**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2019-2023



Congratulations

Placed in

**PrepInsta**



**Gurukula Kangri (DU) Haridwar**

**Vijay**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2019-2023



Congratulations

Placed in

**Kloudrac Groups**



**Gurukula Kangri (DU) Haridwar**

**Aryan Sahu**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2019-2023



Congratulations

Placed in

**Hexaview Noida**



**Gurukula Kangri (DU) Haridwar**

**Satyam Koshta**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2019-2023



Congratulations

Placed in

**TCS Noida**

*Success is the sum of small efforts, repeated  
day-in & day-out*



## Research & Publications

Dr. Mayank Aggarwal has been awarded a project on "Development of Blockchain Platform (NGBP) for awareness, verification, validation, record keeping and rewarding for cleaning of Holy river Ganga" sanctioned by UCOST in March,2023.

Dr. Mayank Aggarwal, Ms. Kanika Aggarwal published a paper on "MyEasyHealthcare- An efficient and secure three-tier blockchain-based healthcare system" in ESCI, Scopus indexed journal <https://doi.org/10.1002/spy2.314>.

Mr. Aman Tyagi & Dr. Suyash Bhardwaj published a paper entitled "Trends in Machine Learning Techniques for Plant Disease Detection" in National Conference on Science and Technology for All (NCSTA) organized by The Indian Science Congress Association: Haridwar Chapter on 19 March, 2023

Dr. Suyash Bhardwaj presented a paper entitled "The Role of Vedic Science & Engineering in Promoting Ethical and Sustainable Artificial Intelligence" in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023.

Dr. Nishant Kumar presented a paper entitled "Recommendation System for best crop yield using AI" in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023

Dr. Aman Tyagi presented a paper entitled "Vedic IOMT based treatment of Asthma" in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023.

Dr. Aman Tyagi published a paper entitled “Application of IOMT for Smart Healthcare Systems” in National Conference on Science and Technology for All (NCSTA) organized by The Indian Science Congress Association: Haridwar Chapter on 19 March, 2023.

Mr. Ashwani presented a paper entitled “Recommendation System for best crop yield using AI” in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023

Mr. Aman Tyagi presented a paper entitled “Plant disease detection in agriculture using Machine Learning” in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023

Mr. Deepak Painuli presented a paper entitled “Optimized Lukaemia Cancer diagnosis using Gene Expression Microarray and Machine Learning Techniques” in National conference on Knowledge, Cultural Traditions & Practices of India organized by GK(DU), Haridwar on 29 March 2023.

Mr. Deepak Painuli presented a paper entitled “Gene Expression Microarray based diagnosis of Central Nervous System (CNS) Cancer using Machine Learning methods” in International Conference on Recent Advancement and Innovation in Engineering and Technology (RAIET-2023) organized by MUIT, Lucknow on 24 & 25 Feb 2023.

Mr. Namit Khanduja published a paper entitled “Sentiment Classification on Hindi using Transformer based Deep Learning Model” in National Conference on Science and Technology for All (NCSTA) organized by The Indian Science Congress Association: Haridwar Chapter on 19 March, 2023





Dr. Mayank Aggarwal, delivered an invited Talk on “Research Methodology” in USERC Sponsored Workshop conducted by UETR, Roorkee on 28/2/23.

Dr. Mayank Aggarwal delivered an invited Talk on “Security using Blockchain” in USERC Sponsored Workshop conducted by UETR, Roorkee on 8/2/23.



Dr. Suyash Bhardwaj, delivered an Invited talk on “Data Processing using GPT” in National Workshop on Data Analytics using Advanced Mathematical Tools, organized by Faculty of Engineering & Technology, GK(DU), Haridwar on 18 March, 2023.



# Awards



Dr. Suyash Bhardwaj was awarded with Active SPOC Award for July- Dec 2022 Sessions on Feb 19, 2023 by National Program on Technology Enhanced Learning, NPTEL, Govt. of India.

# 113th Convocation 2023



113th Convocation held on March 30, 2023 in which the degrees were given to the students by the Hon'ble Chancellor and Hon'ble Vice-Chancellor. The Chief Guest of the event was Hon'ble Home Minister Amit Shah.

## Editorial Team

**Dr. Suyash Bhardwaj**  
**Mr. Aman Tyagi**  
**Mr. Sumit Bansal**