

VOLUME 2 ● ISSUE 1 ● JAN - MARCH 2024

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## QUARTERLY NEWSLETTER

VOLUME 2 ● ISSUE 1 ● JAN - MARCH 2024

**Faculty of Engineering and Technology (FET)  
Gurukula Kangri (Deemed to be) University, Haridwar**

A Newsletter from  
**Department of Computer Science & Engineering**  
**Faculty of Engineering and Technology**  
**Gurukula Kangri (Deemed to be) University, Haridwar**

»»» **EDITORIAL: SHINING FET IN NEW INDIA**

Greetings to all faculty, students, and esteemed readers,

As we usher in the new year with renewed vigor and aspirations, I am delighted to present this edition of our departmental magazine, highlighting the remarkable events and achievements of the Computer Science and Engineering (CSE) department, Faculty of Engineering and Technology (FET), Gurukula Kangri University, Haridwar, during January to March 2024. This period has been marked by an array of dynamic activities, reflecting our commitment to academic excellence and our proactive role in the national missions of Skill India and Make in India.

Our department has organized a series of workshops, seminars, and hackathons aimed at equipping our students with cutting-edge skills. The Value Added Course on AI using Python, held in March, witnessed enthusiastic participation from students across various semesters. Teams worked tirelessly on innovative projects, addressing real-world problems with creative technological solutions. This event not only honed their technical skills but also fostered teamwork, problem-solving abilities, and entrepreneurial thinking. In February, we hosted an event at Haldwani under the aegis of UCOST Science Congress. The event witnessed more than 1000 participants.

In alignment with the national missions of Skill India and Make in India, our department is dedicated to fostering a culture of continuous learning and innovation. We encourage our students and faculty to actively participate in skill-building initiatives, internships, and industry collaborations. These efforts not only enhance individual competencies but also contribute to the broader goal of transforming India into a global technology hub.



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

In conclusion, I extend my heartfelt congratulations to all who have contributed to

## FEATURED RESEARCH (FACULTY)

- Mr. Deepak Painuli & Dr. Suyash Bhardwaj published a paper on "Optimized Speech Signal-based Diagnosis of Parkinson's Disease using Machine Learning Techniques - Augmented by An Efficient Feature Selection & Hyperparameter Tuning Approach" in Machine Intelligence Research 2023.
- Mr. Deepak Painuli & Dr. Suyash Bhardwaj published a paper on "Optimized Diagnosis of Central Nervous System (CNS) Cancer using Gene Expression Microarray & Machine Learning (ML) Methods " in European Chemical Bulletin 2023.
- Mr. Deepak Painuli, Dr. Suyash Bhardwaj, Dr. Mayank Aggarwal published a paper on "Machine Learning Based Study on Aphid Infestation in Agriculture Crop at Uttarakhand" in journal of Advances in Food Sciences 1. Volume 45 – No. 2/2023 – PP 42-56 (2023) ISSN :1431-7737.
- Dr. Suyash Bhardwaj presented a paper entitled “Integrating Ethical Automation and Transformative Technological Synergy using Conscious Computing in industry 4.0” in International Conference on Ved Vigyan and Sanskriti mahakumbh, Organized by Gurukula Kangri Deemed to be University, Haridwar during 23-25, Dec 2023.
- Dr. Suyash Bhardwaj Presented a paper entitled “Sorting an Array with Backtrack & Comparison with Bubble Sort” in International Conference on Automation, Computing and Renewable Systems (ICACRS 2023) organized by mount zion college of engineering and technology, Pudukkottai, Tamilnadu on 13 December 2023.
- Dr. Suyash Bhardwaj published a Patent no. 202311064767 on “System to Implement Cyber Security & Institutional Strategies Incorporating Principles of Management” as Indian Patent on 13/10/2023.
- Mr. Nishant Kumar published a paper on "A Review of Deep Learning-Based Approaches for Detection and Diagnosis of Diverse Classes of Drugs " in Archives of Computational Methods in Engineering 2023.
- Mr. Vivudh Fore published a paper on "Performance evaluation of ANFIS, ANN and RSM in biodiesel synthesis from Karanja oil with Domestic Microwave set up“ in Multimedia Tools and Applications 2023.
- Mr. Sumit Bansal published a paper on "A Hybrid Particle Whale Optimization Algorithm with application to workflow scheduling in cloud–fog environment “ in Decision Analytics Journal 2023.



### »»» TITLE: TECHNOLOGY SANGAM AT UOU HALDWANI ORGANIZED BY FET

Gurukul Kangri and Uttarakhand Open University jointly organized the preconference Technology Sangam program today on 7 February 2024 under the Uttarakhand Science Congress organized by ucost Dehradun.

In a picturesque blend of technology and scientific exploration, Gurukul Kangri University and Uttarakhand Open University recently organized the “Technology Sangam and Meet the Scientists Programme”. The event, sponsored by ucost Dehradun, was held at the Science and Technology Conference, attended by a distinguished gathering of stalwarts from both industry and academia.

Dr. Mayank Aggarwal took charge as the coordinator and conducted the program efficiently, Dr. Suyash Bhardwaj acted as the co-coordinator and ensured the smooth execution of the program.

The program was inaugurated by Professor Durgesh Paint Director General UCOST. On this occasion, Professor DP Uniyal, Joint Director U CAST, Registrar of Uttarakhand Open University, Vice Chancellor of Uttarakhand Open University, Professor Om Prakash Singh Negi and other honorable guests were present. The event featured a range of experienced speakers who addressed various aspects of technology and science:

Dr. Suyash Bhardwaj explored the complexities of 'AI and Machine Learning', clarified their importance, applications and the evolving landscape of intelligent systems.

Mr. Sumit Bansal shared insights on 'Cloud Computing', highlighting its role in shaping the dynamic landscape of modern IT infrastructure, scalability and cloud-based services.

The event not only promoted intellectual discussion but also laid the foundation for collaborative efforts between academia and industry, promising advancements in technology and research.

As the curtain fell on “Technology Sangam and Meet the Scientist Programme”, attendees were enriched with knowledge, inspired by insightful interactions, and inspired to contribute to the ever-evolving landscape of science and technology.



# Department of Computer Science & Engineering

## Quarterly Newsletter - Jan - March, 2024







Latitude  
29.187893

Local 01:55:24 PM  
GMT 08:25:24 AM

Longitude  
79.513451

Altitude 396.6 meters  
Wednesday, 02/07/2024

## प्री कॉन्फ्रेंस टेक्नोलॉजी संगम कार्यक्रम का आयोजन

हरिद्वार (बढ़ी विशाल)। गुरुकुल कांगड़ी और उत्तराखंड मुक्त विश्वविद्यालय ने संयुक्त रूप से यूकोस्ट देहरादून द्वारा आयोजित उत्तराखंड साइंस कांग्रेस के अंतर्गत प्री कॉन्फ्रेंस टेक्नोलॉजी संगम कार्यक्रम का आयोजन किया। प्रौद्योगिकी और वैज्ञानिक अन्वेषण के एक सुरुभ्य मिश्रण में गुरुकुल कांगड़ी विश्वविद्यालय और उत्तराखंड मुक्त विश्वविद्यालय ने हाल ही में प्रौद्योगिकी संगम और वैज्ञानिकों से मिले कार्यक्रम का आयोजन किया। यह कार्यक्रम, यूकोस्ट देहरादून द्वारा प्रायोजित, साइंस एंड टेक्नोलॉजी कॉन्फ्रेंस में आयोजित किया गया, जिसमें उद्योग और शिक्षा दोनों के दिग्गजों की एक प्रतिष्ठित सभा शामिल हुई। डॉ. मयंक अग्रवाल ने हमारे आसपास प्रौद्योगिकी पर ध्यान केंद्रित करते हुए, हमारे दैनिक जीवन में प्रौद्योगिकी की सर्वव्यापकता और समाज पर इसके गहरे प्रभाव की ओर ध्यान आकर्षित किया गया है।

कार्यक्रम का उद्घाटन प्रोफेसर दुर्गेश पेंट डायरेक्टर जनरल यू



कास्ट ने किया। इस मौके पर प्रोफेसर डीपी उनीयाल ज्वाइंट डायरेक्टर यू कास्ट उत्तराखंड ओपन यूनिवर्सिटी के कुलसचिव, उत्तराखंड ओपन यूनिवर्सिटी के कुलपति प्रोफेसर ओम प्रकाश सिंह नेगी आदि अतिथि उपस्थित रहे। डॉ. विजय वेणुगोपालन ने वैज्ञानिक प्रयासों में जिज्ञासा, आलोचनात्मक सोच और एक व्यवस्थित दृष्टिकोण के महत्व पर जोर देते हुए वैज्ञानिक स्वभाव विकसित करने की बारीकियों पर प्रकाश डाला गया।

डॉ. आशुतोष भट्ट ने कम्प्यूटर विज्ञान के अनुप्रयोग की खोज की,

जिसमें इस बात पर प्रकाश डाला गया कि कैसे कंप्यूटर विज्ञान में प्रगति स्वास्थ्य देखभाल से लेकर वित्त तक विविध क्षेत्रों को आकार दे रही है। डॉ. विनय ऋषिवाल ने कंप्यूटर विज्ञान में नवीनतम प्रौद्योगिकी का अनावरण किया, जो अत्याधुनिक विकास, रूझान और क्षेत्र पर प्रौद्योगिकी के परिवर्तनकारी प्रभाव की अंतर्दृष्टि प्रदान करता है। शुभम तोमर ने आर्टिफिशियल इंटेलिजेंस के दायरे की खोज की, जो इसकी वर्तमान स्थिति, अनुप्रयोगों और भविष्य की संभावनाओं का एक व्यापक दृष्टिकोण प्रदान करता है।

डॉ. प्रह्लाद अधिकारी ने नवीनतम प्रौद्योगिकी पर एक व्याख्यान दिया, जिसमें विभिन्न उद्योगों में उभरती प्रौद्योगिकियों और उनके निहितार्थों का व्यापक अवलोकन प्रस्तुत किया गया।

डॉ. सुश्रम भारद्वाज ने एआई और मशीन लर्निंग की जटिलताओं का पता लगाया, उनके महत्व, अनुप्रयोगों और बुद्धिमान प्रणालियों के विकसित परिदृश्य को स्पष्ट किया।

सिद्धार्थ माधव डायरेक्टर टेक्नो हब एवं गुरुकुल कांगड़ी के इंजीनियरिंग के छात्रों ने स्कूल के सभी छात्रों को छात्रों को हैंड्स ऑन एक्सपेरिमेंट करवाया, जिसमें उन्होंने ड्रोन ऑगमेंटेड रियलिटी वचुअल रियलिटी रोबोट के साथ हैंड्स ऑन एक्सपेरिमेंट करवाया सभी छात्र इस चीज से बहुत ज्यादा प्रभावित हुए। इस आयोजन ने न केवल बौद्धिक चर्चा को बढ़ावा दिया, बल्कि प्रौद्योगिकी और अनुसंधान में प्रगति का वादा करते हुए शिक्षा और उद्योग के बीच सहयोगात्मक प्रयासों की नींव भी रखी।

## गुरुकुल कांगड़ी विश्वविद्यालय ने मीट द साइंटिस्ट कार्यक्रम का आयोजन



हरिद्वार। गुरुकुल कांगड़ी विश्वविद्यालय ने मीट द साइंटिस्ट कार्यक्रम का आयोजन किया, जिसमें छात्रों को BARC, NPL, ARIES, NDMA और अन्य जैसे प्रतिष्ठित संस्थानों के वैज्ञानिकों के साथ बातचीत करने का एक अतुल्य अवसर प्रदान किया गया। वैज्ञानिकों ने अपने शोध में अंतर्दृष्टि साझा की और छात्रों को सामुदायिक

चुनौतियों के लिए नवीन समाधान तलाशने के लिए प्रेरित किया।

विभिन्न संस्थानों की 50 से अधिक प्रदर्शनियों में वैज्ञानिक और तकनीकी प्रगति की विविध झुंखला प्रदर्शित की गई। टेक्नो हब देहरादून के सहयोग से गुरुकुल कांगड़ी विश्वविद्यालय की प्रदर्शनी आकर्षण का केंद्र बिंदु बनी। छात्रों ने रोबोटिक्स और कृत्रिम

वास्तविकता सहित प्रौद्योगिकियों को प्रस्तुत किया, एआर/वीआर हेडसेट का उपयोग करके व्यावहारिक अनुभव और आभासी वास्तविकता के प्रदर्शन की पेशकश की।

इस कार्यक्रम में विभिन्न संस्थानों के बड़ी संख्या में छात्र और संकाय सदस्य शामिल हुए। आगंतुकों को डिस्प्ले के साथ जुड़ने, रोबोटिक्स प्रदर्शनों में भाग लेने

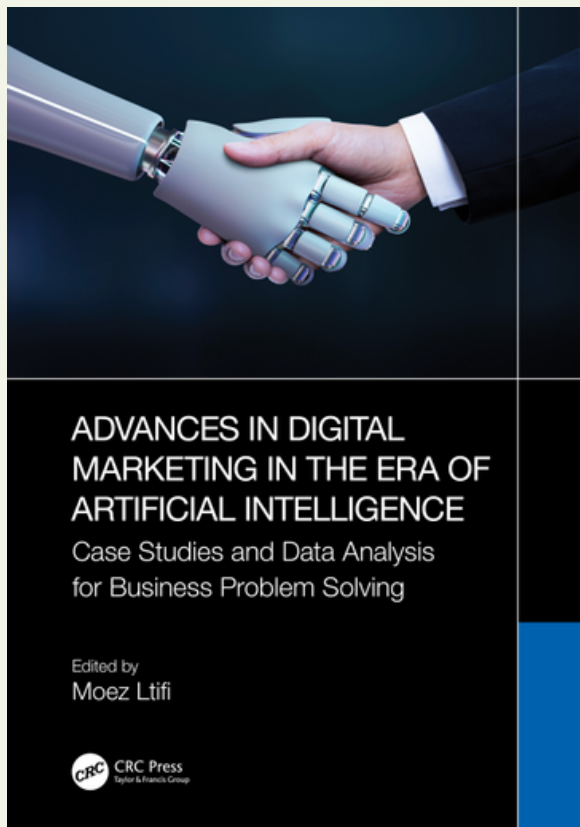
और एआर/वीआर हेडसेट का उपयोग करके आभासी वास्तविकता का प्रत्यक्ष अनुभव करने का अवसर मिला। सहयोगी माहौल ने छात्रों और शिक्षकों को प्रसिद्ध संगठनों के वैज्ञानिकों और शिक्षाविदों के साथ बातचीत करने की अनुमति दी, जिससे विचारों और ज्ञान के आदान-प्रदान को बढ़ावा मिला।

प्रौद्योगिकी संगम कार्यक्रम एक

शानदार सफलता साबित हुआ, जिसमें विभिन्न संस्थानों के प्रतिभागियों ने हिस्सा लिया। विविध प्रदर्शनियों के साथ छात्रों और पेशेवरों के बीच बातचीत ने नवाचार और सहयोग का माहौल बनाया। इस आयोजन ने न केवल प्रौद्योगिकी में प्रगति को प्रदर्शित किया बल्कि सार्वक चर्चाओं और भविष्य के सहयोग के लिए एक मंच भी प्रदान किया।



## »»» TITLE: BOOK CHAPTER



Dr. Suyash Bhardwaj authored a Chapter titled “Enhancing Customer Targeting in E-Commerce and Digital Marketing through AI-Driven Personalization Strategies”. in Advances in Digital Marketing in the Era of Artificial Intelligence published by CRC Press, Taylor and Francis group ISBN 9781003450443

Mr. Deepak Painuli, Dr. Suyash Bhardwaj, Dr. Utku Kose authored a Chapter titled ” Recent Advancement in Pancreatic Cancer Diagnosis Using Machine Learning-Based Methods: A Systematic Review” in Springer.

Mr. Sumit Bansal published a paper on Exploration of Deep Learning and Transfer learning techniques in Bioinformatics in Applying Machine Learning Techniques to Bioinformatics: Few-Shot and Zero-Shot Methods published by IGI Global ISBN 9798369318225

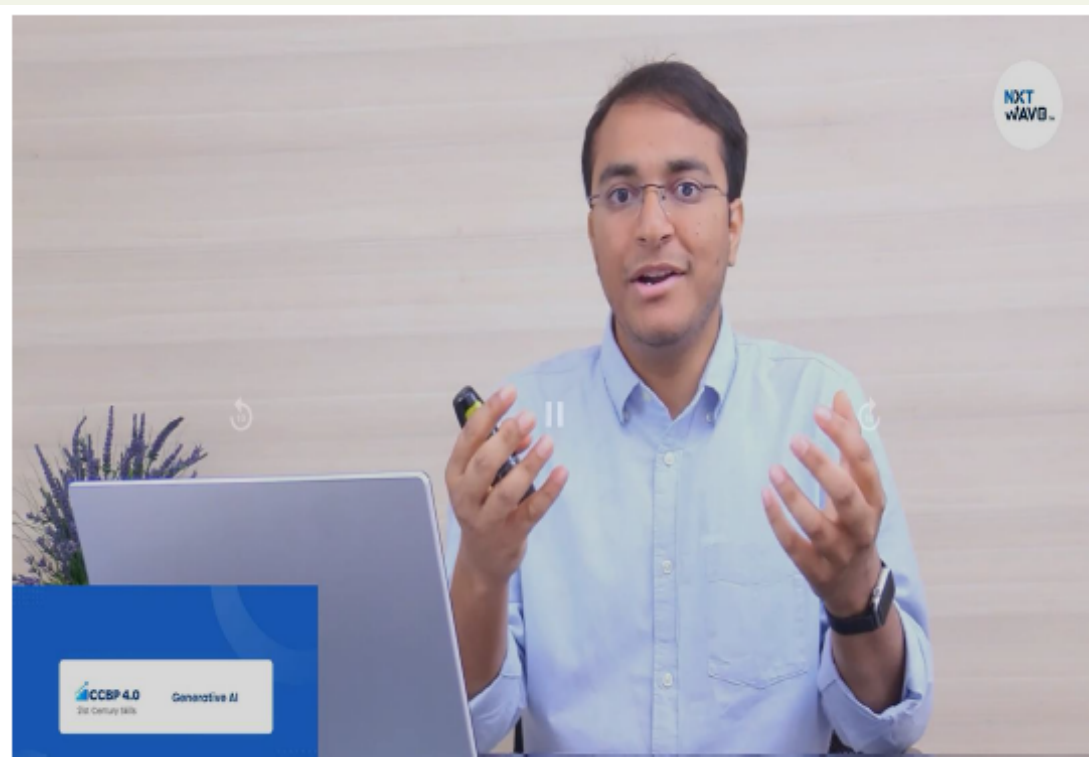
Mr. Sumit Bansal, Dr. Himanshu Agarwal, Dr. Mayank Agarwal authored a Chapter titled ” Random Cloudlet Priority Scheduling:An enhanced Approach” in Taylor & Francis.



### »»» Hands-on Generative AI Workshop

A one days' workshop on "Hands-on Generative AI Workshop", was conducted at Faculty of Engineering and Technology (FET), Gurukula Kangri (Deemed to be University) Campus in online mode, in collaboration with "NxtWave Pvt Ltd, Manikonda Jagir, Telangana", on 20 Jan 2024 during 12.00 Noon to 03.00 PM to encourage knowledge sharing & practical hands-on on Generative AI among students. Workshop observed to be divided into two part, where former part includes expert talk on theoretical foundation of Artificial Intelligence(AI) and its broad categories like AGI & ANI, machine learning (ML) & deep learning(DL), along with introduction of Generative AI & its applications and Prompt Engineering, whereas later part includes Hands-on on Generative AI, where AI Expert showcased practical development of Generative AI model using a predefined environment of AI development using Google Colab Python Notebook file.

The Workshop proved to be an invaluable learning experience for all attendees, leaving them with a deeper understanding of the potential and significance of Generative AI in today's technological landscape. It served as a platform for knowledge sharing and exploration, fostering a greater appreciation for the evolving field of AI. More than 291 students registered for the event out of which 165 students were from Computer Science & Engineering, 61 from Electrical Engineering, 42 from Electronics and Communication Engineering and 23 students from Mechanical Engineering Branch.

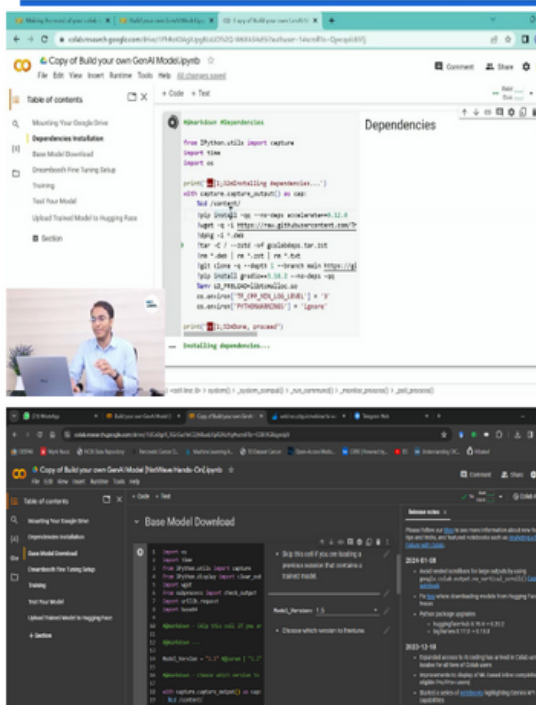


### Review

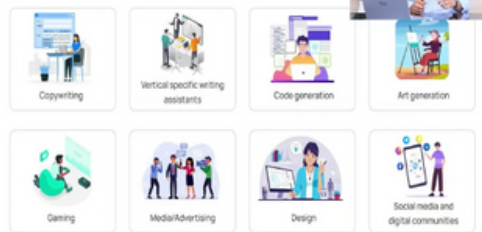
- ✓ ANI vs AGI
- ✓ Creation of Intelligent Machines - AI, ML, DL
- ✓ AI Applications that we are using today!
- ✓ Analytical AI vs Generative AI
- ✓ Prompt Engineering
- ✓ Current Limitations of Generative AI
- ✓ Building your own Generative AI Model
- ✓ Endless Opportunities in AI



NXT  
WAVE



### Applications across Domains



NXT  
WAVE

### Prompt Engineering



NXT  
WAVE

## Wetland Day Celebration

On the occasion of World Wetland Day, Computer Science and Engineering Department of Faculty of Engineering and Technology [FET] (Gurukul Kangri (Deemed to be University)- GK(DU), Haridwar, hosted a “Wetland Day Celebration” in Old Seminar Hall (OSH), FETGK(DU) campus in collaboration with “Techno Hub Pvt Ltd” under “Namami Gange” project of the Government of India on 02 February 2024 during 09:30 AM to 01:00 PM. Event includes two contests for school students namely “Just a Minute-JAM” (An Extempore activity) and “Wetland Photography” (A Photography activity). The event kick-started with an impromptu ‘Just a Minute’ contest by Prof. Mayank Aggarwal (Head of Department-CSE(FET-GK(DU))), post-welcome of Prof. Vipul Sharma (Dean- FET-GK(DU)) and all invited dignitaries (Prof. Reema Pant (famous environmentalist), Mrs. Meenakshi Mittal Vashisht (Namami Gange Project’s representative)) of the celebration. Prof. Vipul Sharma, praised student’s enthusiasm for event participation and encourage them by his awe-inspiring speech on importance of wetland for uncertain environment on climate catastrophe.

The event was a grand success, showcasing the talent and enthusiasm of the students while also raising awareness about the importance of wetlands and proved to be an invaluable learning experience for all attendees, leaving them with a deeper understanding of the potential and significance of Wetland in environmental & natural landscape. This event served as a platform for knowledge sharing and exploration, fostering a greater appreciation for enlightening students’ mindset for saving wetland



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## **Technology Sangam and Meet the Scientists event**

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The program was inaugurated by Professor Durgesh Paint Director General UCOST. On this occasion, Professor DP Uniyal, Joint Director U CAST, Registrar of Uttarakhand Open University, Vice Chancellor of Uttarakhand Open University, Professor Om Prakash Singh Negi and other honorable guests were present. The event featured a range of experienced speakers who addressed various aspects of technology and science. The event featured experienced speakers and eminent scientists from various organizations, such as BARC, PMO, NPL, NDMA, Techno Hub, GKV, etc., who addressed various aspects of technology and science. More than 1000 students of Haldwani districts attended the program on both days. Students learned and enjoyed hands-on experiments with Drones, AR/VR, 3D Printers, etc., and interactions and sessions with scientists and academicians. They were also told about patents and IPR by experts so that they can get patents from their ideas. The event not only promoted intellectual discussion but also laid the foundation for collaborative efforts between academia and industry, promising advancements in technology and research.





# Department of Computer Science & Engineering

## Quarterly Newsletter - Jan - March, 2024







## AI using Python Workshop

The "AI Using Python" workshop was organized to introduce participants to the field of Artificial Intelligence (AI) and its practical applications using the Python programming language. The workshop aimed to provide a comprehensive understanding of AI concepts and hands-on experience in implementing AI algorithms using Python. The speakers of the workshop emphasized on various aspects of Machine Learning : the key algorithms. The workshop is for 5 days. The different concepts of the machine learning using python on Google Colab tool were explained via practical by the speakers. The different libraries like Pandas, NumPy were introduced to the participants of the workshop so as to implement the different algorithms of the machine learning.

The workshop provided participants with a solid foundation in AI concepts and practical skills in implementing AI algorithms using Python. Feedback from the participants was overwhelmingly positive, with many expressing interest in further exploring AI and Python.



Hardwar, Haridwar, 249407, UT, India

Latitude  
29.916599  
Local 10:25:34 AM  
GMT 04:55:34 AM

Longitude  
78.064073  
Altitude 285.6 meters  
Monday, 03/18/2024















# STUDENT SPOTLIGHTS

Kumar Ritik, a diligent student from the batch of 2020-2024, has scored a remarkable percentile in the CAT 2023 exam. He has shown exceptional aptitude and skills in the field of computer science and engineering, as well as in the management domain. We congratulate them on their success and wish them all the best for their future to giving a new starts in the field of management and it will be classical outcome when the engineering minds meets with mangement.



COMMON ADMISSION TEST 2023 (CAT 2023)  
INDIAN INSTITUTES OF MANAGEMENT

CAT 2023 SCORE CARD

Name of the Candidate : KUMAR RITIK

Candidate's Contact Details :  
Gola Mohalla Ara

Town/City : Ara

District : Bhojpur

State : Bihar

Email : ara.kumarritik@gmail.com

Test Day PhotoUploaded Photo

CAT Application Number		PwD Status	No
Gender	Male	Category	EWS
Date of Birth		Date of Test	26th Nov 2023

Section		Section		Section		Total	
Verbal Ability & Reading Comprehension		Data Interpretation & Logical Reasoning		Quantitative Ability			
Scaled Score	Percentile	Scaled Score	Percentile	Scaled Score	Percentile	Overall Scaled Score	Overall Percentile
22.69	89.54	20.70	96.60	16.57	94.48	59.96	96.49

Department of Computer Science & Engineering  
Quarterly Newsletter - Jan - March, 2024

### कलयुग की झाँकी

कलयुग खड़ा है द्वार में,  
संकट छाया संसार में,  
अभी और भयावह होना है,  
पल पल मनुष्य को रोना है,  
विकराल समय अब आएगा,  
जब पाप मनुष्य पे छाएगा,  
सोचो कलयुग का कैसा अंत होगा,  
जब कोई यहां न संत होगा,  
अभी और भयंकर बाकी है,  
ये बस कलयुग की झाँकी है॥

अभी तो कलयुग बच्चा है,  
दो चार इंसान तो सच्चा है,  
कलयुग जब चरम पे आयेगा,  
मनुष्य मनुष्य को खायेगा,  
फिर सब में दानव अंश होगा,  
फिर सबके मन में कंस होगा,  
और अगर अंजाम बता दूं,  
ईर्ष्या और दुख का तुम्हे पता दूं,  
ये सब तेरे मन में वास करेंगे,  
तेरी बुद्धि का विनाश करेंगे,  
हल में प्रभु सुमिरन बस काफी है,  
वरना ये बस कलयुग की झाँकी है॥



### -प्रांजल मणि द्विवेदी

बहुत बुराई है कलयुग में,  
पर इसमें एक अच्छी बात है,  
ईश्वर मिलन के खातिर,  
कलयुग एक सौगात है,  
पर बुद्धि में पाप चढ़ा हुआ है,  
सब का पारा बढ़ा हुआ है,  
जब पाप यहां कण कण होगा,  
तब फिर से हरी अब्तरण होगा,  
फिर धर्म अधर्म में रण होगा,  
तभी कलयुग मरण होगा,  
चलो अब कलयुग शमशान  
हुआ,  
फिर से धर्म उत्थान हुआ,  
हरि लीला अब हुई खत्म,  
उनका बैकुंठ प्रस्थान हुआ॥



### मिथ्या संसार

क्रूर सा मैदान है, निर्दयता की चाल है,  
छू रही यह काया-काया, यह नया संसार है।  
प्रेमभूमि बन चुकी, युद्ध का मैदान है,  
रक्त-रक्त से लिखी, हर व्यक्ति की पहचान है।  
मैं देख पाया रंग जिसके, शतरंज की सह-मात थी,  
प्रत्येक हस्ती के पीछे, एक कड़वी सी अट्टहास थी।  
मिथ्या बन चुका जो जीवन, अंत तक पहुंचने की एक आस थी,  
बुझ गए दीपक वह, जिसमें कुछ कर जाने की प्यास थी।  
बोझिल से संसार में, एक आकांक्षा मात्र प्रकाश थी,  
अंधकारमय जीवन, मिथ्या संसार त्रास थी।



-अभिषेक जांगड़ा


### मौन

मौन एक शब्द नहीं,  
जरूरत है,  
खुद को बांध के रखने को,  
खुद को सनज्यो को रखने को,  
मौन कमजोरी नहीं हथियार है,  
मुश्किल प्रशयिति को झेलने को,  
उद्विग्न मन को दिशा देने को एक  
प्रारूप है मौन ॥



-आशुतोष कुमार


STUDENT PLACEMENT & HIGHER STUDIES




**Heartiest Congratulations to all the  
Computer Science & Engineering Graduates**  
(Batch 2020-2024)

**Gurukul Kangri (Deemed to be University)**  
*for getting selected and their future endeavour's.*


Keep shining and contributing in making #NewIndia #SkillIndia #Startup #Technologies




Sachin Kumar Yadav  
GATE SCORE: 708




Siddharth Yadav  
GATE SCORE: 574



Satya Prakash Yadav  
GATE SCORE: 429




Piyush Kumar  
GATE SCORE: 1000  
**AIR 1**



Shivam Kumar Pathak  
GATE SCORE: 324




Mridul Gupta  
GATE SCORE: 540



Chandan Kumar Singh  
GATE SCORE: 533




Pintu Kumar Prajapat  
GATE SCORE: 426



Aman Sharma  
GATE SCORE: 523



Manish Kumar  
GATE SCORE: 357



Niranjana Kumar  
GATE SCORE: 448



**Gurukula Kangri (DU) Haridwar**

**Shivam Kumar Pathak**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2020-2024



Congratulations

Placed in

**Hexaview Technologies**



**Gurukula Kangri (DU) Haridwar**

**A M Sanjeev**  
Student of  
Department of Computer Science  
& Engineering  
Batch 2020-2024



Congratulations

Placed in

**Teachnook**

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