



### 5th IEEE International Conference at Galgotias University.

Galgotias University, School of Computer Science and Engineering (SCSE) has organised the fifth International conference on 9th-10th of June, 2024. The virtuous conference was conducted on 'Computing Power' and 'Communication Technologies'. On technical and financial basis, the conference was sponsored by Institute of Electrical and Electronics Engineer (IEEE). International Institute of Electrical and Electronics Communication (IEEE) is basically the largest technical as well as professional organization totally dedicated to advancement in technical for the benefit of human. The organization usually offers a variety of programs typically developed for the technical teams in order to meet the requirements of different professionals and organizations at different career stages. Their members are working together to promote equity and diversified environment with inclusion to respective activities related to technical profession. The profound conference involved 16 keynote addresses, 8 tracks and 4 different events which involved Ph.D. symposium, IEEE WIE, youth program and industry academia. The conference was divided in two days that is 9th of June to 10th of June. On first day, 9th of June, the conference was started with an inaugural session held with an overview of the conference. The overview of the conference was given by Professor Avadhesh Kumar, Galgotias University General Chair, IC2PCT, 2024 which was followed by Dr. Nitin Gaur, Registrar of Galgotias University and Dr. K. Mallikharjuna Babu, Vice-chancellor of Galgotias University. The event was orated by Prof. Bijaya Ketan Panigrahi, Prof. Dr. Akshay Rathor from Singapore Institute of Technology. The event was further continued by addressing prominent chief guests, Prof. Dr. Rajesh K. Dubey (UGC Director) and Dr. Asheesh K. Singh (Professor of MNNIT, Prayagraj). The eminent chief guests share their words of wisdom with the audience. Moreover, there were some key note addresses involved in the session which were further extended by the technical session of guest of honor, Prof. Liudong Xing (University of Massachusetts, Dartmouth) on a virtual basis. Later on, a conference souvenir was released by the chief guests as a sign of respect and gratitude momento in order to honor the dignitaries. The president address was expressed by Prof. Dr. K.M. Babu (Vice-chancellor of Galgotias University) and at last, the vote of thanks was presented by Dr. Sunita Yadav (Dean of SCSE). On second day, 10th of June, with the presence of prominent guests and various technical presentations. The event started with bouquet presentation with all the dignitaries. Further, the report reading was addressed by Prof. Avadhesh Kumar (Prof. Vice-chancellor of Galgotias University). Chief guest introduction was given by Dr. S.N. Singh (Director ABV-IIITM, Gwalior) followed by Prof. Dr. Mohd. Rehan, Dr. Satish K. Singh, Prof. Dr. Akshay Kumar Rathod, Prof. Dr. Yogesh Singh Chauhan and Prof. Dr. Rajiv Singh. The final addressal session was given by Honorable Vice-chancellor of the university. Furthermore, best paper awards were awarded to the authors. Momento was presented as the sign of honor to the chief guests. At last, the conference was concluded by a vote of thanks given by Dr. Aanjeey Mani Tripathi, SCSE, Galgotias University.



Presence of dignitaries in the conference.



Guests were honoured by the mementoes



# Galgotias University Celebrates the World Environment Day with an impactful session

On June 5th, 2024, the department of Polytechnic of Galgotias University, in association with Bharat Utthan foundation, celebrated world environment Day with an impactful cognizance programme aiming at creating greater environmental focus for scholars as well as faculties. The event became presided over by the esteemed social employee, Mrs. Pratibha Tiwari ji who mesmerized the crowd along with her insightful deal on integrating sustainable practices in daily lifestyles. Mrs. Pratibha Tiwari ji, famous for her work regarding environmental issues, highlighted viable techniques which people can adopt to make a positive impact on the environment. The call for raising environmental concerns and solving these issues was loud and clear. She wanted us to be agents of change in our community. A very informative message that surely motivated the audience members to also take a personal pledge towards greener times. A significant highlight

of the event was the joint effort to improve the campus environs through a tree plantation drive. In association with the Bharat Utthan foundation, Galgotias University Polytechnic department organized the planting of 65 trees on its premises. This act signified not only a tangible move towards enhancing local biodiversity but also reiterated the college’s unflinching dedication to sustainability and conservation of nature. The session ended with a lively discussion and interactive consultation where participants shared ideas about sustainable living practices. Participants were excited to give feedback on the tree planting exercise as they alluded that the program had managed to create a sense of responsibility in relation to environmental conservation. Remarks from both college students and faculty became overwhelmingly tremendous, with many expressing gratitude for the chance to have interaction meaningfully with environmental troubles.

The event now not handiest raised consciousness however additionally galvanized the campus network into movement, placing a precedent for ongoing initiatives aimed toward maintaining the planet. To conclude world environment day awareness program at Galgotias polytechnic , enriched by Mrs. Pratibha Tiwari ji’s guidance and the joint tree plantation initiative acted as a catalyst to promote environmental awareness and joint efforts that showed us how collaboration is important and how individual contributions can make positive changes towards making a sustainable future. World Environment Day is observed on 5th June every year, and is a reminder to us all to protect and preserve our planet. Today is a global platform to talk about environmental issues and demand for change. Every year, World Environment Day focuses on a specific theme, and gets governments, corporations and individuals to act. The importance of world environment day

cannot be overstated. It makes us think about the impact of human activities on the environment and encourages us to practice sustainability. Issues like climate change, pollution, deforestation and loss of biodiversity are part of the discussions on this day and ask us to rethink our consumption patterns and prioritize conservation. From clean up drives to policy discussions at global forums, world environment day involves a wide range of activities to protect our natural resources. It brings together governments, NGOs and organizations to develop new solutions and promote environmental stewardship. World Environment Day is a call to action for us to make a difference in our own communities and beyond. Whether through planting trees, reducing waste, advocating for renewable energy or supporting conservation projects, everyone has a role to play in saving our planet for future generations. Galgotias



The campaign runned by Galgotias University



Students of Polytechnic department presenting posters.



# Budding Scientists Showcase Sustainable Solutions at Project Exhibition

The Department of Chemistry at Galgotias University’s School of Basic Sciences recently hosted this awesome student project exhibition on the theme “Integrated Approach in Science and Technology for a Sustainable Environmental Future.” It went down on June 7th in C Block, and the event was a real eye-opener. The event was all about showing off the cool ideas and hard work of students who are taking the Environmental Impact Analysis (EIA) course as part of their B.Tech. and SoLE programs (Semester II). Now, this exhibition was pretty special. It had two main goals: to see how well the students understood the EIA process and to raise awareness about environmental challenges and potential solutions. More than 100 projects were presented, covering a wide range of topics, and they really showed how important it is to bring together science and technology if we want to create a sustainable future.

We were lucky to have Dr. Mayank Porwal, Director, and Dr. Rakesh Aggarwal, Chairman, of the Environment and Consumer Protection Foundation as our special guests. These guys run a great non-profit organization that promotes environmental responsibility and balanced economic growth across the globe. The thematic sections spark engagement, as The exhibition was set up in different sections, each focusing on a specific environmental concern. It was really well-organized, making it one of the most successful and informative sessions. Climate Change and Global Warming, the students dug deep into the causes and effects of this urgent issue, and they came up with some pretty clever solutions to lessen its impact. Biodiversity and Conservation, they showed us just how important it is to protect diverse ecosystems and endangered species. It really made us think about our

role in taking care of the environment. Waste Management and Recycling, the students came up with some super cool ideas to reduce waste and promote recycling. They really got us thinking about how we can create a circular economy. Water Conservation and Management, they highlighted the importance of preserving our water resources. They showed us projects on rain-water harvesting, water purification methods, and ways to reduce water waste in our daily lives. Sustainable Agriculture and Food Security, they explored different ways to produce food sustainably, like vertical farming, hydroponics, and organic farming practices. It was all about finding solutions to the growing global food security concerns. The exhibition ended with some really inspiring speeches from our guest speakers. They praised the students for their hard work and dedication, and they encouraged them to keep pushing

for environmental sustainability. It was a really successful event, not just because we learned a lot, but because it motivated us to make more sustainable choices in our own lives. The feedback we got from visitors was overwhelmingly positive, and the students were super excited to be part of such an impactful event. The Department of Chemistry, led by Dr. Roopali Sharma, believes that these kinds of educational initiatives are crucial in creating a new generation that is passionate about building a greener future. The department and our university are planning on hosting more events like this in the future to keep the innovation and environmental responsibility going strong among their students. This exhibition was a real game-changer, showcasing the incredible ideas and commitment of these budding scientists. It’s all about working together to create a sustainable world for ourselves and future generations.



Students presenting their ideas



Our guest marking students submission





# Galgotias University Embraces International Yoga Day, “Highlighting unity and well being.”



Galgotias university gathered together to celebrate international yoga day

The world celebrates international yoga day of June 21st as an impactful initiative spearheaded by Prime Minister Narendra Modi to propagate the ancient practice on a global scale. The theme for this year was “Vasudhaiva Kutumbakam,” underscores the values of unity and inclusiveness, emphasizing yoga as a powerful tool for fostering connections among individuals and societies worldwide. This day serves as a significant platform for promoting personal and social well-being through yoga. The initiative was launched by Prime Minister Modi in 2015 and later on adopt-

ed by the United Nations, drawing participation from millions who recognize yoga’s profound benefits. Galgotias University’s National Service Scheme (NSS) celebrated the International yoga Day with great enthusiasm, emphasizing the profound cultural and health benefits of yoga. Chancellor Sunil Galgotia inaugurated the event, highlighting yoga’s deep roots in Indian heritage and its growing global significance. He also highlights the significance of yoga that was effectively promoted by yoga guru’s worldwide merging into diverse life style for its countless

health benefits including stress relief, cardiovascular health, and overall resilience against illnesses. The event featured Yoga Guru Thaan Singh from Galgotias University, who led students through a series of yoga techniques, including pranayama (breathing exercises), asanas such as Bhujangasana (Cobra pose) and Sirsasana (Headstand), and the meditative practice of Pranava (Om chanting). Guru Thaan Singh highlights the importance of regular yoga practice for maintaining good health and urged participants to incorporate these techniques into their daily lives.

The successful organization of the event was attributed by the efforts of Program Coordinator Pranjali Mishra and Sports Officer Prashant Bhardwaj from NSS. As participants embraced yoga’s physical and mental benefits, the university reassured its dedication to fostering a healthy and balanced lifestyle among its students and faculty. This engaging celebration, reflecting Galgotias University’s commitment to holistic well-being through yoga and also reinforced the timeless wisdom and cultural heritage associated with yoga.



faculty members performing yoga



# Galgotias University Offers Free Soil Testing for local Farmers on World Environment Day

Greater Noida ,5th June 2024- In celebration of World Environment Day 2024, Galgotias University launched an innovative and community-focused initiative, offering free soil testing services for local farmers in alignment with the global theme of “Ecosystem Restoration.” This initiative highlights the university’s commitment to enhancing soil health and promoting sustainable agricultural practices. The initiative is designed to empower farmers by providing

detailed insights into the health of their soil by understanding several conditions and specific needs for the land. This initiative was led by Dr. Vineet Kumar and Dr. Pradip Tripura, esteemed Soil Scientists from the university’s School of Agriculture , involved collecting 40 soil samples from villages such as Falaida, Kanarsa, Rubabpura and Junaidpur. Farmers participated by either bringing their samples to the university or leaving them with village sarpanches for collection. The

university done a strategic approach to inform farmers about this opportunity included collaborations with village sarpanches and WhatsApp groups, reaching approximately 650 farmers. The University received high praise, particularly by the sarpanch of kanarsa who thanked Galgotias University for its continued community engagement efforts benefiting local farmers . The initiative aligns with global efforts to restore ecosystems, which is the focal point of this

year’s World Environment Day. By focusing on soil health, Galgotias University is contributing to the broader environmental movement that seeks to restore degraded ecosystems, enhance biodiversity, and combat climate change and serves as a model for how educational institutions can play a pivotal role in promoting environmental control and supporting local communities.



Dr. Vineet Kumar and Dr. Pradip Tripura, who led this initiative of soil testing



soil samples

## An initiative towards empowering women - Sakhi iOS

Galgotias university has been making significant contributions towards the society’s betterment and upliftment, and yet again the university is back with something that aims to empower the women and take their health as a matter of serious concern. Four students from the de-

partment of B.Tech computer science have innovatively designed an app that transcends the ordinary. Sakhi is just not an app, but a testament to the boundless potential of technology to uplift and transform the society as whole. Women empowerment is one such agenda, which is wide-

ly talked about, towards the same, Intitatives have been taken for better changing the world into more positive nation. Sakhi integrates Apple’s mapkit and healthkit to weave a tapestry of support for women’s health. We are today in the era where information and technology exists,

with the bloom of knowledge. Sakhi is an app that goes beyond being an app. Join us empowering the and celebrating womanhood as the students of galgotias university of the iOS developer program powered by Apple and Infosys makes an initiative to do so.





## UI/UX Workshop Conducted in Galgotias University

On June 6 Galgotias University with the collaboration of Graphex Club of Galgotias Student Council organized a workshop on UI/UX principals and basics named as UI/UX unplugged. It was a dynamic and interactive experience for the students who attended the session, which draws the attention of diverse groups of students who were interested in learning graphic designing or want to enhance their design skills. The workshop held in the auditori-



Momentum present to the speaker

## Actor Dramebaaz found their new biggest dramebaaz with Ms Astuti!

Galgotia's Actor Dramebaaz is a one-of-a-kind event hosted by the Actors Hub Club. The club allows students to vent their real-life dramas and showcase their acting abilities. This year's event was held on June 4th, at the new auditorium. Astuti Anand, one of the most prominent social media stars, attended the extraordinary occasion. Astuti grew her Instagram following by her exceptional acting skills, which went hand in hand with relatable content that touched people's hearts. Her



Ms Astuti mesmerised by the work of our students!

um of the university, featured industry expert Aryendra Prakash Singh who provided valuable insights into the rapidly evolving field of user interface (UI) and user experience (UX) design. The workshop commenced with an enlightening keynote speech by Mr. Aryendra Prakash Yadav, a renowned UI/UX designer with a lot of experience. He emphasized the importance of understanding user behavior. He emphasized the importance of understand-

ing user behavior and the critical role of empathy in creating user-centric designs. His talk set the tone for the day, highlighting how effective UI/UX design can significantly impact the product success. Aryendra Prakash Singh first presents a presentation on UI/UX basics and shared his unmatched knowledge and valuable experience with the audience, propelling their creativity to new heights, and later no he takes the questions of the audience and



Interview of Aryendra Prakash Singh

ing the lamp on stage. The stage was graced by the appearance of Noteveda, the music club, who represented the university and filled the energy of the audience before the main event began. Participants then showcased their abilities on stage. From serious monologues that moved the audience to the funniest comedy that filled the entire theatre with laughter. The event had it all. The university's Dance Crew dance club set the stage on fire. With their elegant movements, they made a lasting



The judges handing out trophies to the winners!

## Younger generation is prone to diabetes in early age

According to recent study of diabetologists, they had found that the younger generation were diagnosed with type 2 diabetes 10-15 years earlier if compared to their “parents’ generation”. They were diagnosed with diabetes between 40 to 50 years of age but in younger generation diabetes were found in 20-25 years of age. This was because of their stressful lifestyle, sedentary lifestyle, desk-bound job and unhealthy munching and also due to lack of physical activities. This generation is getting diabetes even when there was no family history of diabetes. The common

risk factors for this are obesity which is followed by hypertension. In the cohort studies, the prevalence of diabetes were more in women even when there is no history of diabetes in family. Government of India also trying to improve the lifestyle of youth by different campaigns like fit India movement, eat right campaign etc. FSSAI also said to decrease the level of sugar and salt in our diet which will indirectly improve the health. Because if our youth is healthy then only, we grow as a country. Moreover, the economic burden of diabetes on individuals and the nation is sig-

nificant, and early intervention can help reduce healthcare costs and improve quality of life. By raising awareness and promoting healthy habits, we can empower the younger generation to take control of their health and prevent the onset of diabetes. Together, we can create a healthier and brighter future for ourselves and our nation. Furthermore, it is essential to educate the youth about the importance of regular physical activity, balanced diet, and stress management. Schools and colleges can incorporate health education into their curriculum, and parents can encour-

age healthy habits at home. By working together, we can reverse this alarming trend and ensure a healthier future for the next generation. Additionally, advances in technology and healthcare can aid in early detection and treatment of diabetes. With the help of AI-powered diagnostic tools and telemedicine, individuals can access medical care remotely and receive timely interventions. By leveraging these innovations, we can enhance healthcare outcomes and improve the quality of life for individuals with diabetes.



Change lifestyle stop diabetes



Reasons behind type 2 diabetes

## बेरोजगारी है भारत के युवाओं के परेशानी का सबब।

निखिल सिंह, भारत की बढ़ती बेरोजगारी प्रमाण है, इस बात का की अब ज्ञान किसी काम का नहीं है। भारत के हर गली मोहल्ले में बेरोजगार विद्वान मौजूद हैं। एक समय था जब ज्ञान वाले व्यक्तियों को रोजगार के लिए सोचना नहीं पड़ता था, समाज में उन्हें अलग दर्जा मिलता था, वेतन के लिए उन्हें कोई फिक्र नहीं होती थी। मगर आज के हर ज्ञानी के माथे पर रोजगार की शिकन साफ साफ झलकती है।। भारत में बेरोजगारी साल दर साल बढ़ती जा रही है, एक डाकिए के पद के लिए लाखों लोगों की अर्जियाँ इस बात का प्रमाण है की किस तरह से भारत में रोजगार की जरूरत तमाम लोगों को है।। बेरोजगारी के मुख्य कारण देश की बढ़ती जनसंख्या और तमाम कंपनी का मशीनों पर ज्यादा निर्भर हो जाना है। एक पद के लिए लाखों अर्जियाँ आती है। और उन्मे

रोजगार के तलाश में रोज दर बदर भटक रहे हैं। मगर ठोकरो के अलावा उन्हे कुछ हासिल नहीं होता। आजकल विश्वविद्यालय के बच्चे नौकरी के मुद्दे को लेकर लगातार परेशान रहते हैं, उन्हें अपने कॉलेज के आखरी साल में बस एक ही ब आयात कि चिंता सताती है कि उन्हें नौकरी मिलेगी या नहीं। या अगर नौकरी मिल भी गई तो बेतन कितना होगा? और भी कई तरह के प्रश्न दिमाग में होते हैं। जिससे युवाओं के हेल्थ पर सीधा असर पड़ता है। जिनकी नौकरी नहीं लगती वो खुद से आँखे नहीं मिला पाते। और एक समय के बाद वो छोटे दुकान पर काम करने या फिर छोटे व्यपार करने को मजबूर हो जाते हैं। उनकी अंतर आत्मा उन्हें रोज कहती है क्या फायदा ऐसी पढ़ाई लिखाई का जिससे रोजगार ही ना मिले। माँ बाप अपनी जिंदगी कि कमाई लगाकर अपने बच्चों को

अच्छी शिक्षा देते हैं लेकिन बेरोजगारी इस हद तक बढ़ी हुई है कि बच्चे तो परेशान होते ही हैं साथ में उनके माँ बाप परेशान होते है। माँ बाप को उनके बूढ़ापे के लिए सोचना पड़ता है। आज कई परिवार के मुखिया ये सोचते हैं कि काश पढ़ाई में पैसे नहीं गए होते तो लड़का एक अच्छा व्ययपार कर लिया होता। अगर हम ऐसे ही आगे बढ़ते रहे तो वो दिन दूर नहीं है। जब देश कि आधी से ज्यादा जनता बेरोजगार होगी। हम अक्सर सरकार पर आश्रित होते हैं कि सरकार कोई बिल या कानून ले के आएगी जिससे जनसंख्या में रुकावट होगी। हमें इस मुद्दे पर सपछन पड़ेगा जिससे कि जनसंख्या वृद्धि में रुकावट आए। इसके अलावा हम ये कोशिश कर सकते हैं कि मशनी टेक्नॉलजी पर कम आश्रित हों। जिससे युवाओं कि जिंदगी ठीक हो और अच्छा रोजगार मिल सके।







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