EDITION 2023-24

COMPUTER SCIENCE, FORMAN CHRISTIAN COLLEGE (A CHARTERED UNIVERSITY)

NEWSLETTER

WHAT'S INSIDE?

ABOUT THE DEPARTMENT

The Department of Computer Science is located in the Armacost/Science-building. It is offering BS programs in Computer Science as well as MS programs in Software Engineerin, Data Science and Computer Science. All this with the untiring effort of our highly qualified and experienced faculty members. Every year more than 150 students graduate from the department. Our alumni are currently serving at prestigious organizations locally and internationally. Many of our students are enrolled in PhD programs in internationally ranked universities. We are actively expanding our collaborations with the industry to better align our programs with the industry demand.

In this newsletter you will see the vibrant culture of our departments and view the exuberating activities in 2023-2024 by our faculty members as well as students.

WELCOME NOTE

Dear Colleagues and Friends,

Welcome to the 2024 edition of the Department of Computer Science newsletter. This year has been another remarkable one for our department, filled with a wide array of events that have further solidified our commitment to excellence in the dynamic field of Computer Science.

Our faculty members have continued to publish their research addressing key challenges in areas such as artificial intelligence, software engineering, and blockchain systems. Our students have showcased their exceptional skills and dedication by participating in various competitions and distinguishing themselves with impressive results.

Throughout the year, we have hosted a multitude of workshops, seminars, and industry talks that have enriched our academic environment. These events provided students and faculty with opportunities to engage with industry leaders, stay updated on the latest technological advancements, and explore new research ideas.

Our alumni continue to make significant strides in their respective fields, bringing pride to our department. Their accomplishments serve as an inspiration to our current students and a testament to the strong foundation they received during their time here.

The student societies have been particularly active, organizing a variety of technical talks, workshops, and competitions. These events not only provided learning opportunities but also fostered a strong sense of community and collaboration among our students.

Reflecting on the past year's accomplishments, we are enthusiastic about the future. The ever-evolving field of Computer Science presents both challenges and opportunities, and we are confident that our department is well-prepared to address and contribute to these advancements. With the continued support of our dedicated faculty, talented students, esteemed alumni, and the university administration, we look forward to even greater achievements in the coming year.

We hope you enjoy reading our newsletter and sharing our highlights with friends, colleagues, and family.
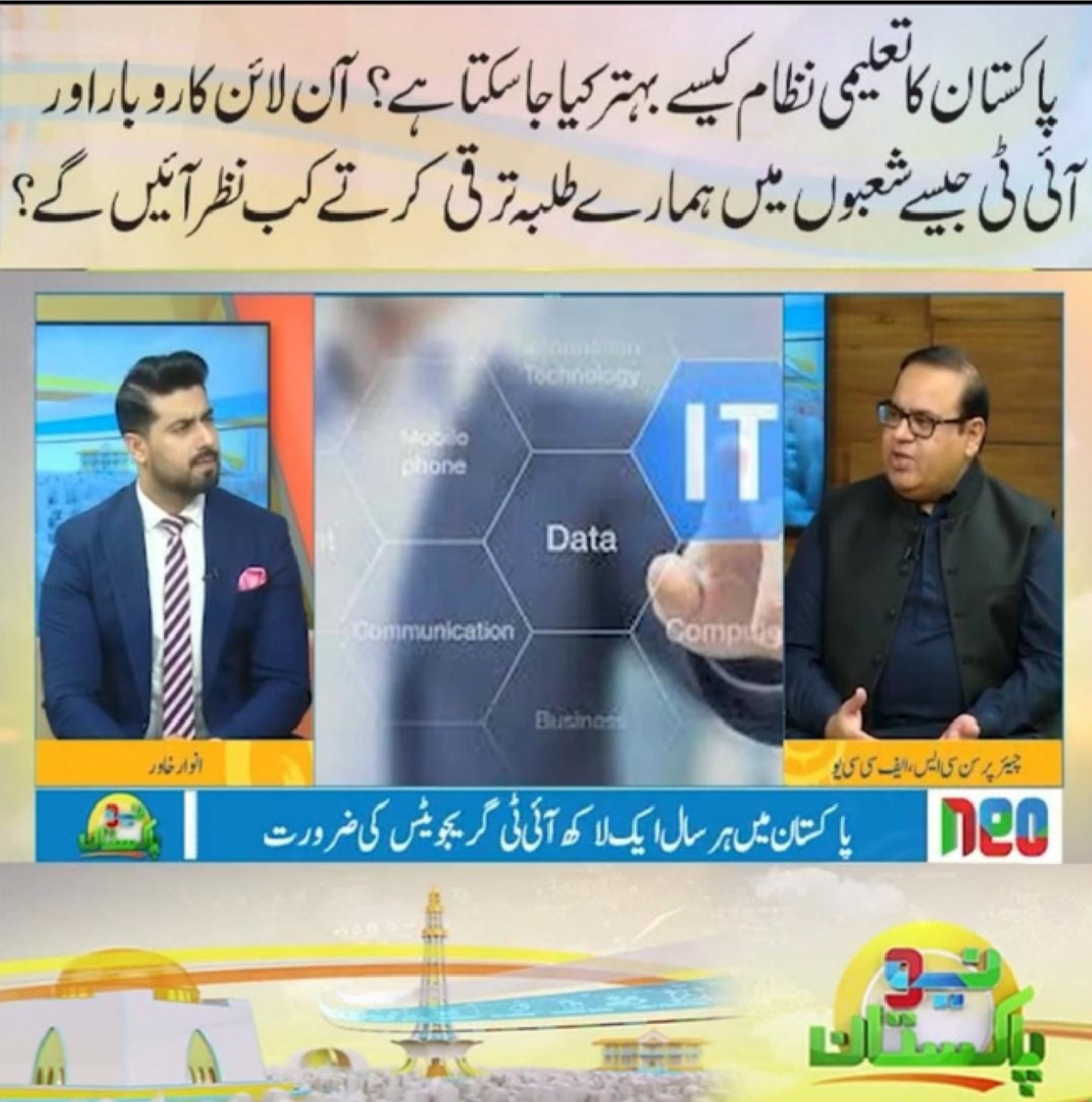
Warm regards,
Chairperson, Department of Computer Science

Dr. Mubashar Mushtaq

Chair, Department of Computer Science

FACULTY MEMBERS

S P O T L I G H T

Chairperson Computer Science Department, FCCU Dr. Mubashar Mushtaq was interviewed on Neo TV. He shared his views on emerging IT opportunities, technologies and associated challenges.

ACTIVITIES

ACTIVITIES UNDER THE DEPARTMENT

Being a thriving and energetic community, a large number of extracurricular as well as research activities were conducted by both faculty members and students, here are the glimpses of their hard work.

Research / Publications

- Sheikh, A. ., Bqa, R. ., & Qureshi, S. A. (2023). BlockYards: A Blockchain-Powered System for Secure Real Estate Transactions. International Journal of Emerging Engineering and Technology, 2(1), 30–34.
- Nasim, S. N., Minhas, S., & Sabahat, N. (2024). AN AUTOMATED APPROACH FOR TRANSLATING ENGLISH TEXT TO PAKISTAN SIGN LANGUAGE. Pakistan Journal of Scientific Research, 3(2), 200–208. https://doi.org/10.57041/pjosr.v3i2.1021
- Nasim, S., Zahid, Z., & Sabahat, N. (2023). Requirement Elicitation using Natural Language Processing. Lahore Garrison University Research Journal of Computer Science and Information Technology, 7(1), 1-6. https://doi.org/10.54692/lgurjcsit.2023.0701316
- N. Khan, & N. Sabahat(2024) "The Role of AI Chatbots in Revolutionizing Gaming Experiences - A Survey". VFAST Transactions on Software Engineering, 12(1), 93–104. https://doi.org/10.21015/vtse.v12i1.1725
- W. Hassan & N. Sabahat.(2023) "Towards Secure Identification: A Comparative Analysis of Biometric Authentication Techniques". VFAST Transactions on Software Engineering. 12,(1), 105–120. https://doi.org/10.21015/vtse.v12i1.1745
- A.B. Awan, A.W. Mahmood , A. W., & N. Sabahat(2024), "Enhancing User Experience: Exploring Mobile Augmented Reality Experiences". VFAST Transactions on Software Engineering, 12(1), 121–132. https://doi.org/10.21015/vtse.v12i1.1741
- Y. Mehmood, N. Sabahat, N., & M.A. Ijaz. (2024). MLOps critical success factors - A systematic literature review. VFAST Transactions on Software Engineering, 12(1), 183–209. https://doi.org/10.21015/vtse.v12i1.1747

FACULTY

STUDENTS BRANCHES / CHAPTERS / SOCIETIES

ACTIVITIES UNDER THE DEPARTMENT

Students of Computer Science department are involved in many extracurricular activities and are members of student societies and chapters. Here are the activities that have been conducted by students under the umbrella of these societies/chapters.

Freshmen Week (FA23) – Stall Day – (29th August 2023)

On Stalls Day, the IEEE FCCU student branch organized an engaging and dynamic event aimed at introducing the incoming '27 batch to our society. The event featured a variety of interactive and entertaining games, designed to create a welcoming and lively atmosphere for new students. The activities not only provided enjoyment but also offered an opportunity for freshmen to learn more about IEEE FCCU and the benefits of joining our society. This successful event set the stage for future freshman week activities, promising even more exciting and informative experiences for our new membe

IEEE STUDENT BRANCH

Here are the list of events and collaborations of IEEE Student Chapter

Students Branches / Chapters / Societies

AI for Education: Preparing for the future with Microsoft – (4th September 2023)

In collaboration with our respected Computer Science department, the IEEE FCCU student branch had the honor of hosting an enthralling seminar titled "AI for Education: Preparing for the Future with Microsoft." We welcomed Mr. Jibran Jamshad, a distinguished figure in technological innovation, who provided an enlightening exploration of the essential role of AI in shaping the future of learning. Attendees had the valuable opportunity to engage with Mr. Jamshad, gaining insights into the transformative impact of AI on education. The seminar offered a deep dive into how AI technologies can enhance educational experiences and better prepare students for the future. The event was a resounding success, leaving participants inspired and excited about the possibilities that AI brings to the field of education.

IEEE SOCIETY

IEEE
FCCU STUDENT BRANCH
Innovate | Inspire | Impact

Students Branches / Chapters / Societies

Frreshmen Week (FA23) – Gaming Extravaganza – (7th September 2023)

The IEEE FCCU student branch hosted an electrifying Game Show to provide a much-needed break from the looming semester and to welcome the new batch. The event featured a diverse array of activities, including engrossing board games, thrilling video game competitions, and an immersive hotel room murder mystery. Attendees experienced a day filled with exhilarating adventures and friendly competition. The event was meticulously organized to create the perfect gaming atmosphere. From setting up board game battles to crafting intense FIFA and Tekken showdowns, each space was transformed into a gaming paradise. The highlight of the event was the spine-tingling 'Hotel Murder Mystery,' where participants unraveled hidden secrets in an engaging and interactive experience. The Game Show was a resounding success, leaving students eagerly anticipating future IEEE FCCU events.

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Students Branches / Chapters / Societies

MEXT Japan Scholarship Seminar – (27th September 2023)

The IEEE FCCU student branch proudly hosted an enlightening seminar on the MEXT Japan Scholarship 2024. This seminar aimed to elevate the academic and professional aspirations of our students. We were honored to welcome Mr. Haris Gulzar, President of the MEXT Scholars Association (MSA), who provided invaluable insights into the prestigious MEXT Scholarship offered by Japan's Ministry of Education, Culture, Sports, Science and Technology. Mr. Gulzar shared his personal journey and top-secret tips, guiding attendees on how to leverage this golden opportunity to study in Japan and build the career of their dreams. The seminar also featured the esteemed Mr. Hamza Ihtisham, IAS Chair, IEEE Lahore Section, adding further depth to the session. Students from diverse backgrounds benefited from the transformative insights presented, regardless of their specific areas of focus. The event was a resounding success, inspiring countless individuals on their academic journeys and providing a comprehensive understanding of the MEXT Scholarship.

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Students Branches / Chapters / Societies

National History Museum Trip – (28th September 2023)

IEEE FCCU is thrilled to announce the success of its first official trip of the year to the National History Museum, Pakistan's first-ever and only digital museum. This trip provided an exceptional opportunity for participants to explore Pakistan's rich history and culture through cutting-edge technology. The National History Museum is renowned for its immersive and interactive exhibits, which brought history to life in a captivating and innovative manner. The trip aimed to enhance participants' understanding of digital innovations in museums and cultural heritage preservation. Highlights from the trip included exploring digital exhibits, engaging with interactive displays, and gaining insights into how technology can be used to preserve and present cultural heritage. This memorable experience left participants with a deeper appreciation for both history and technological advancements in the field of museums.

IEEE SOCIETY

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Students Branches / Chapters / Societies

Celebrating IEEE Day – (4th October 2023)

IEEE FCCU proudly commemorates IEEE Day, celebrating 139 years of visionary innovation! This event was a showcase of the promising future and ongoing success of our IEEE FCCU branch at FCCU. It honors the world of technology and reflects on our journey from pioneering innovation to achieving new heights in tech. Spanning over 190 countries with a membership exceeding 427,000+, IEEE stands as a global beacon of excellence in advancing technology.

IEEE SOCIETY

Students Branches / Chapters / Societies

Empowering Women in Technology Symposium – (8th November 2023)

Experience the dynamic energy and groundbreaking innovation of the IEEE FCCU Symposium on Empowering Women in Technology: Strength and Career Success. This promising event featured a series of engaging sessions including "Leveraging Strengths," "Impact of IEEE on Technology," a workshop on "Confidence Building in Working Women," and an interactive session by IEEE-FCCU aimed at unleashing the potential of Pakistani women in technology. Participants also benefited from discussions on "Parenting and Professional Development" and a thought-provoking panel discussion. This full-day symposium had a significant impact, providing a platform where empowerment and success converged in an inspiring and memorable way. IEEE FCCU sincerely appreciates the support and active participation that made this event a resounding success, reaffirming our commitment to empowering women in technology and advancing our community's knowledge and engagement in this vital field.

IEEE SOCIETY

Students Branches / Chapters / Societies

Empowering Women in Technology Symposium – (8th November 2023)
IEEE SOCIETY

Students Branches / Chapters / Societies

Comspex FA'23, Senior Project Exhibition & Awards Ceremony – (10th January 2024)

IEEE FCCU, in collaboration with the Department of Computer Science, proudly presents Comspex FA'23—a showcase of innovative computer science projects. This event highlights the impact of senior students' year-long journey filled with challenges, highs, and unexpected turns. The Comspex FA'23 awards ceremony celebrates their dedication and creativity, honoring their outstanding achievements with well-deserved accolades. This event underscores the significant contributions these students have made to the field of computer science, marking a day of pride, applause, and unforgettable moments.

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IEEE SOCIETY
ComSpex Fa23'

Students Branches / Chapters / Societies

Freshmen Week (SP24) – Stall Day – (29th January 2024)

IEEE FCCU showcased a vibrant presence at Stalls Day, energizing the event with our motto: Innovate, Inspire, Impact! We enthusiastically welcomed the Class of '28, providing an engaging experience that highlighted our commitment to innovation and community impact. The event was a resounding success, reflecting the dedication of our team and capturing the excitement and enthusiasm of our freshmen. This marks the beginning of a dynamic freshman week, promising more unforgettable moments and activities ahead!

IEEE SOCIETY

Department Of
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Students Branches / Chapters / Societies

SheTech: AI for Her - Workshops & Seminars – (29th May 2024)

IEEE FCCU organized the 'SheTech: AI For Her' workshops, inviting participants to dive into the future of artificial intelligence. The event welcomed passionate individuals, not limited to women, to explore cutting-edge AI tools and technologies alongside industry experts. Attendees gained hands-on experience and valuable insights into topics such as:

- Cracking the Case: AI Innovations Transforming Forensic Investigations
- ChatGPT as a Study Buddy: Enhancing Students' Learning Experience
- Generative AI for Computing Education
- Futurism: Transcending AI

The workshops celebrated excellence, honoring the outstanding contributions of esteemed panelists who enriched discussions and advancements in AI. Congratulations were extended to all participants for their remarkable efforts in pushing boundaries and making significant waves in technology.

IEEE SOCIETY

Students Branches / Chapters / Societies

Robotics Workshop & Competition (Forman Ignite) – (25-26th June 2024)

IEEE FCCU proudly conducted a comprehensive Robotics Workshop as part of Forman Ignite '24, led by the esteemed Dr. Tanveer Shah Bukhari. This workshop aimed to introduce participants to the fundamentals of robotics, including design, programming, and problem-solving. The workshop was a resounding success, attracting a diverse group of enthusiastic participants eager to delve into the world of robotics. The structured sessions covered essential concepts, followed by a design challenge that encouraged creativity and teamwork. Participants collaborated to develop innovative solutions, showcasing their newfound knowledge and preparing for the upcoming robotics competition. Dr. Bukhari's leadership and expertise, along with the mentors' dedicated support, significantly contributed to the workshop's success. The event not only enhanced the participants' technical skills but also ignited their passion for robotics, laying a solid foundation for future exploration and innovation in this exciting field. The positive feedback from attendees highlighted the workshop's impact, making it a standout segment of Forman Ignite '24
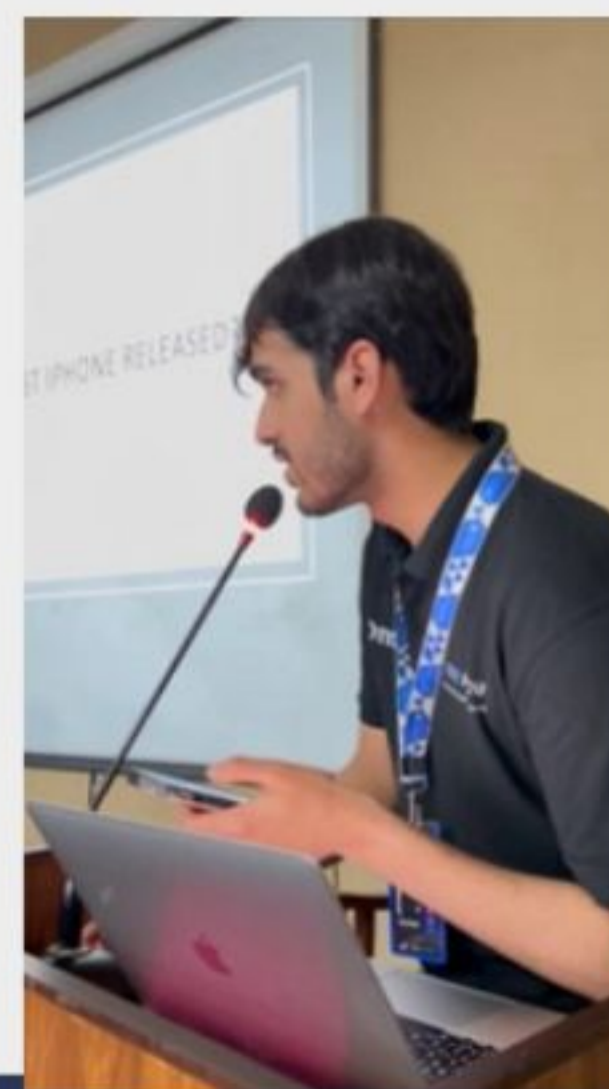

IEEE SOCIETY

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Innovate | Inspire | Impact

Students Branches / Chapters / Societies

Buzzer Round Contests (Forman Ignite) – (25-27th June 2024)

IEEE FCCU brought the thrill of technology and problem-solving to Forman Ignite '24 with the Buzzer Rounds Competition. This exciting event tested students' knowledge and quick thinking as they answered questions in a fast-paced buzzer format. Eight teams of four participants each competed in a series of heated rounds, showcasing their technical prowess and competitive spirit. The competition was full of energy and enthusiasm, with teams battling it out for the top spot. In the end, two teams made it to the final round, delivering a nail-biting finish that highlighted the brilliance and determination of the participants. The Buzzer Rounds Competition was a resounding success, adding a dynamic and fun element to the ev

IEEE SOCIETY

Students Branches / Chapters / Societies

Here are the list of events and collaborations of ACM Student Chapter for the year 2022-2023:

Freshman Stall Day

On September 4th, 2023, ACM hosted the Freshmen Stall Day to welcome and introduce new students to the ACM chapter. The event was filled with entertainment, enthusiasm, and energy, marking the beginning of a new era for the ACM chapter. Freshmen were warmly welcomed and encouraged to actively participate in future ACM activities, fostering a sense of community and excitement among the new members.

How Tech Savvy are You

Held on September 8th, 2023, How Tech Savvy Are You? showcased the impressive final year projects of talented alumni. The event included engaging activities such as a typing competition and image recreation, aiming to inspire and motivate tech enthusiasts. By highlighting the innovative work of alumni, the event provided current students with a glimpse into the potential future projects they could undertake

ACM Student Society

Students Branches / Chapters / Societies

TECH Talk with Derek McIntyre:

On November 6th, 2023, ACM organized a TECH Talk with Derek McIntyre, the COO of TCP Software. The objective was to provide insights into the SAAS industry and its impact on Pakistan's economy.

Derek McIntyre's talk focused on the real-world applications of computing and coding, offering students a broader perspective on their career prospects within the SAAS industry.

ACM Student Society

Students Branches / Chapters / Societies

TECH Talk with Najeeb Ghauri

The techTalk with Najeeb Ghauri, CEO of NetSol Technologies, took place on December 4th, 2023. This event aimed to provide students with insights into the intersection of technology and business. Najeeb Ghauri, a renowned industry leader, shared his extensive experiences and perspectives on leadership, innovation, and the transformativepower of technology.

During his talk, Mr. Ghauri emphasized the importance of adaptability and continuous learning in the fast-evolving tech industry. He discussed how technological advancements are reshaping various business sectors and the critical role of young professionals in driving this transformation. His insights on global market trends and emerging technologies provided students with a broader understanding of the industry's future.

ACM STUDENT CHAPTER

Students Branches / Chapters / Societies

Session on Pursuing a US Master's Degree

On December 14th, 2023, ACM hosted a session with Usama Munir and Awais Jafar to explore opportunities for pursuing a Master's degree in the US and related job opportunities. The session provided valuable information on the journey of pursuing a US Master's degree and offered insights into the numerous job opportunities available post-graduation. The event was highly engaging and informative, catering to students aspiring to further their education abroa

All Day at E Square

ACM organized a Stall Day at E Square on January 30th, 2024, to showcase ACM's activities and projects to new members and tech enthusiasts. The event featured exciting projects and networking opportunities, emphasizing the power of community, innovation, and limitless possibilities within ACM. Students were encouraged to connect, learn, and grow within the ACM community, making it an enriching experience for all attendees

ACM STUDENT CHAPTER

Students Branches / Chapters / Societies

Valorant Gaming Competition:

On February 2nd, 2024, ACM hosted a Valorant Competition to engage gaming enthusiasts in a competitive event. Teams of up to three members competed for rewards, with top performers celebrated and all participants having the chance to receive fantastic gifts. The event provided a platform for students to showcase their gaming skills and enjoy a fun and competitive atmosphere.

ACM STUDENT CHAPTER

The ACM chapter at FCCU has successfully organized a diverse range of events, each contributing to the professional and personal growth of its members. These events have fostered a vibrant community of tech enthusiasts and provided invaluable learning opportunities. ACM looks forward to continuing its mission of promoting excellence in computing and technology

Students Branches / Chapter / Societies

Freshmen Week Stall

The GDSC (Google Developer Student Clubs) Freshmen Week stall was a hub of excitement, creativity, and community spirit. From the moment new freshmen
arrived, they were greeted with warm welcomes and friendly smiles, setting the
tone for an inclusive and supportive environment.
The stall featured a variety of fun activities ranging from car robots and arduino,
to Google Feuds and pop culture quizzes.These activities not only introduced freshmen to the world of technology but also encouraged teamwork and
innovation.
Overall, the GDSC Freshmen Week stall was more than just an introduction to the club; it was a celebration of community, creativity, and the exciting journey ahead for every freshman who joined in.

Google Developer Student Club

Students Branches / Chapters / Societies

GDSC Freshmen Experience

The interactive session with GDSC's founder, Saad Muzaffar, successfully addressed freshmen's questions about life as a CS student and ways to monetize their knowledge. The event culminated in a Kahoot quiz on coding, the latest tech trends, and the history of GDSC, enriching participants' understanding and engagement with these topics.

AI Career Guide: Mapping your Path

Mr. Kamran Amjad, a machine learning engineer, led an interactive session where he imparted industry insights to attendees regarding the future trajectory of AI. His session opened new avenues for those aspiring to begin careers in AI, offering guidance on skill development tailored to current industry demands.

Google Developer Student Club

Students Branches / Chapters / Societies

Summit Showdown: Code Wars

Sponsored by Tkxel, this event provided participants with opportunities to test and enhance their coding and typing abilities. The programming contest offered a platform to tackle intricate puzzles using logic and algorithms, while the blitz contest challenged participants in a thrilling race against the clock, requiring quick thinking and strategic coding.The typing contest celebrated inclusivity, allowing participants from all disciplines to showcase their typing speed and accuracy. Winners were rewarded with swags and an exclusive office tour of Tkxel, providing them with firsthand industry insights and skills.

TechSeekho Workshop: Part 3 - Web Development

This workshop led by Taha Khurram, a backend software developer at Visomate enabled participants to bridge the gap between theory and practice, and solidified their understanding of key concepts in web development. The hands-on experience gave attendees confidence in their abilities and honed their skills in React JS, .NET 6.0, and Swagger development.

Google Developer Student Club

Students Branches / Chapters / Societies

Cloud Seekho Workshop

Under the guidance of Subhan Wasif and Hafsah Shahbaz, experienced cloud specialists, this workshop provided participants with ssential knowledge of cloud technologies. The session included insights from their in Google's Teach the Trainer sessions, enriching attendees' understanding. Participants not only developed a foundational understanding of cloud computing but also acquired practical skills to effectively utilize cutting-edge cloud technologies.

TechSeekho Workshop: Part 1 - Game Development

Participants delved into the intricacies of game design, learning how to conceptualize gameplay mechanics, narrative elements, and user interaction. Through interactive sessions, they explored techniques for character creation and discovered methods to formulate basic game designs. A coding session, led by Azlan Asim, was inculcated to help participants learn the basic concepts of scripting within Unity 2.0.

Google Developer Student Club

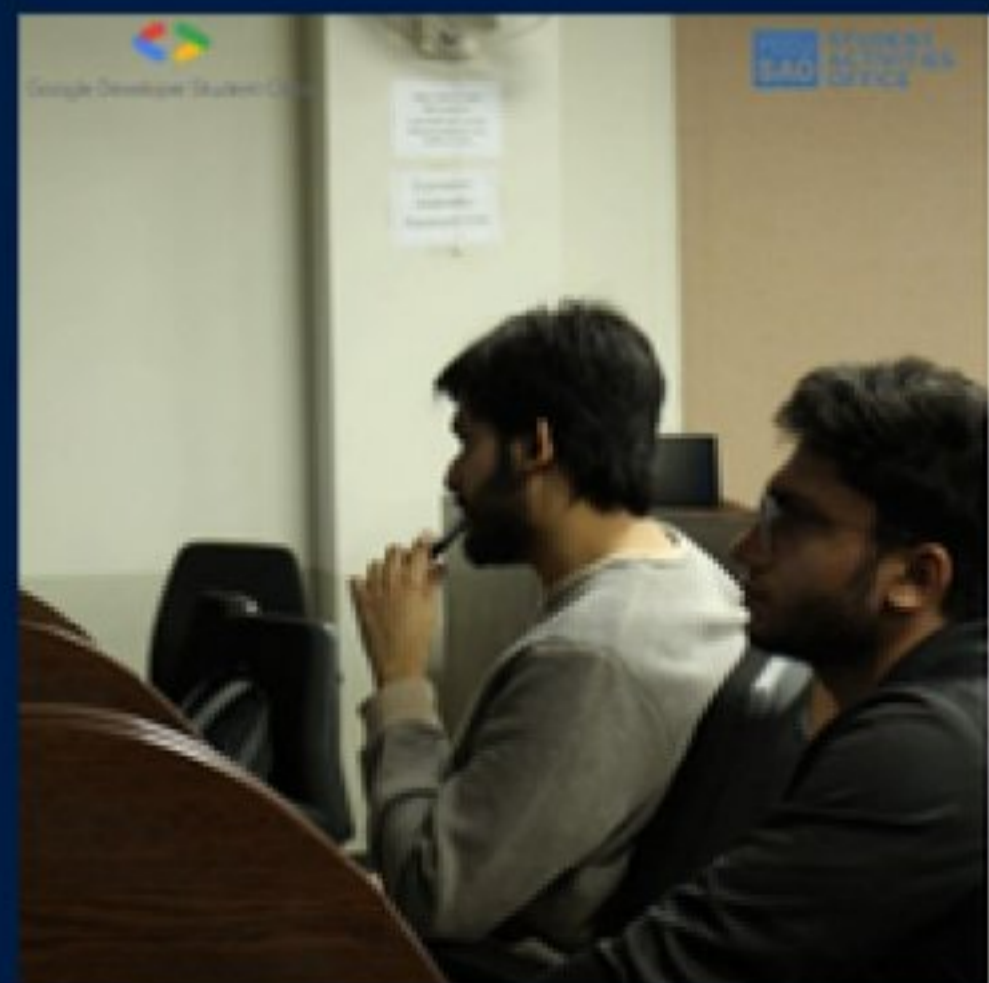# Students Branches / Chapters / Societies

Special Edition - Build with AI

Attendees acquired extensive knowledge on utilizing Flutter and Gemini to create innovative applications tailored to diverse user requirements. The workshop was led by Mr. Adil Soomro, a respected figure in the tech industry renowned for his mastery of Gemini and Flutter. Mr. Adil's expertise in AI technology equipped attendees with essential skills for crafting effective user interfaces powered by intelligent algorithms.

TechSeekho Workshop: Part 2 - Introduction to CNNs

This workshop was led by GDSC President, Hamza Ahmad. Participants gained a deeper understanding of convolutional neural networks (CNNs) and their architectures in the context of Natural Language Processing (NLP). They acquired essential techniques for training and optimizing CNN models, particularly for language translation projects, to extract valuable insights efficiently. This workshop enhanced their proficiency in leveraging CNNs, thereby strengthening their skills in this dynamic field of study

Google Developer Student Club

Students Branches / Chapters / Societies

Forman Ignite '24
Organized by GDSC, IEEE, OmniLife VR & ACM
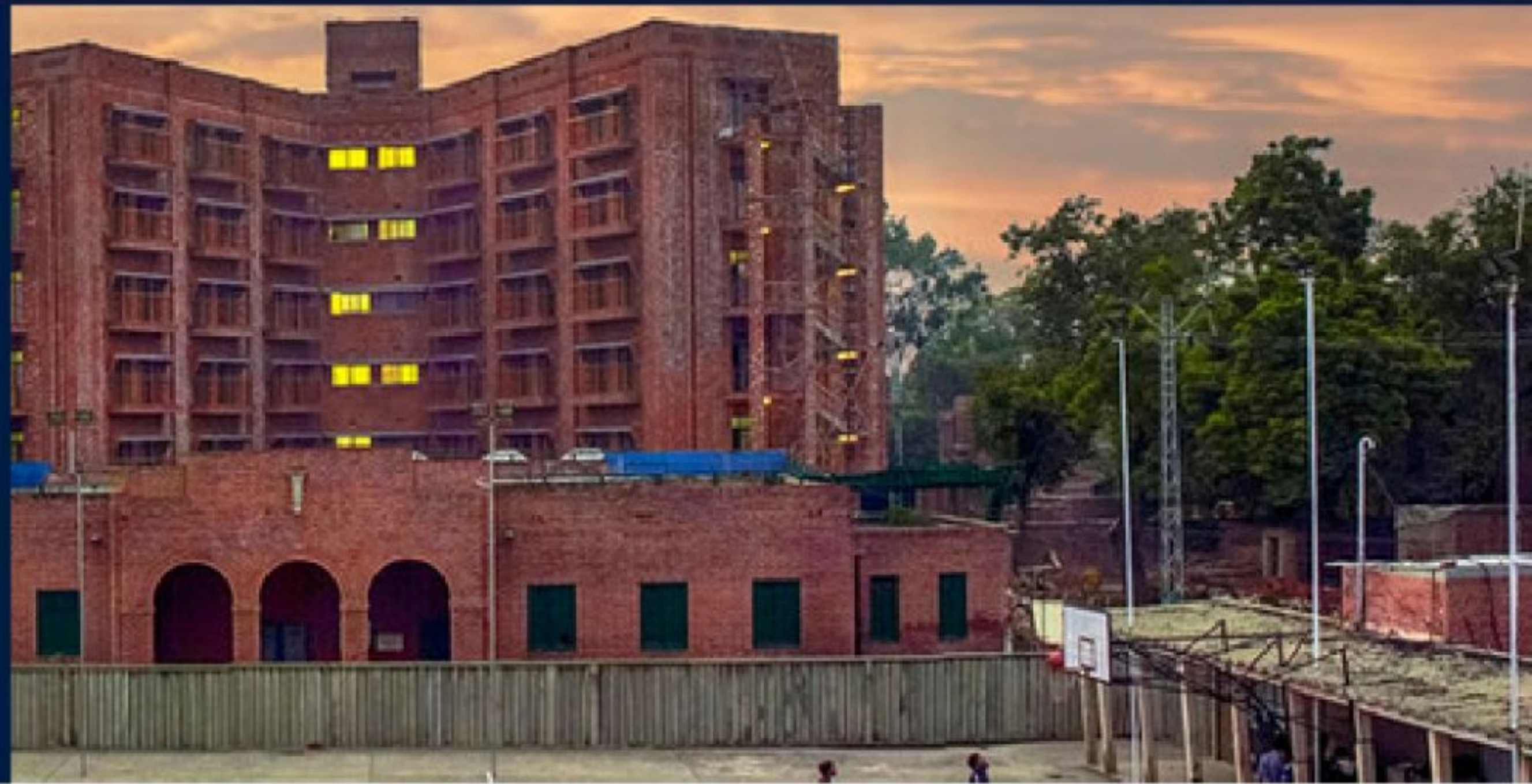**25th - 27th June, 2024**

Day 1

Day 1 started with a motivating opening speech by Ms. Sabah Iqbal, followed by a thrilling opening note from Hamza Ahmad, President GDSC and the Event Head for Forman Ignite. The Capstone Project Gallery brought students on a collective platform to display their projects and captivated tech enthusiasts' minds and hearts in S-Octa. The event officially started off with an enlightening workshop on robotics, followed by an event briefing to prepare the participants for the upcoming competitions. Soon, it was followed by Web Development in which the task was to clone a website and a Machine Learning contest in which a Cirrhosis Survival Prediction Dataset was provided to participants and challenged them to create the best performing artificially intelligent model. The tougher the competition, the higher the stakes. Both the segments were evaluated by esteemed faculty members from the Department of Computer Science; Ms. Umber Nisar and Dr. Nazim Ashraf respectively.

In between the breaks, there was an enlightening session by Sir Zeeshan on UI/UX and design thinking. The competitions resumed with a valorant segment, followed by a nerve-wracking buzzer round and an enticing AR art gallery where participants experimented with custom filters designed by our development team by scanning barcodes printed on standees. Overall, the first day of Forman Ignite was successful in creating an impact and setting the tone for the remainder of the event.

Forman Ignite '24
Organized by GDSC, IEEE, OmniLife VR & ACM, 25th - 27th June, 2024.
(Detail of the specific events are provided under the given society's heading)

Students Branches / Chapters / Societies

Day 2

The second day of Ignite was packed with exciting activities. The Robotics Competition kicked off the day, with teams displaying impressive designs and engineering skills. Concurrently, the Capstone Project Gallery continued, allowing visitors to engage with students on innovative tech projects. The UI/UX briefing provided insights into the latest design trends and outlined the requirements for the contest, while the Scavenger Hunt added a fun, collaborative element to the event. Specifically, our development team created an Android application from scratch that participants used to scan classroom numbers and generate hints for the next clue. This scavenger hunt was the first of its kind at Forman.

n the afternoon, attendees attended two concurrent Speaker Sessions with Usman Ahmed and Mustafa Jamal, covering a range of tech topics and industry insights like Cloud Computing and DevOps alongside emerging trends in tech like Web3. Usman Ahmed, from 10 Pearls—a proud sponsor of Forman Ignite— delivered an engaging talk. The Programming Competition's first round tested participants' coding skills in a challenging and competitive environment. The VRcade opened, featuring games like Tekken and Fifa that captivated many attendees. The AR Gallery and VR Experience continued to provide hands-on exposure to cutting-edge technologies.

The day concluded with a UI/UX Presentation, where designers highlighted their projects and shared their design processes. The day ended with a mesmerizing musical night which captivated our audience.

Overall, Day 2 of Ignite was a success, filled with learning, innovation, and engagement, ensuring something for everyone and maintaining much enthusiasm throughout.

Forman Ignite '24
Organized by GDSC, IEEE, OmniLife VR & ACM, 25th - 27th June, 2024.
(Detail of the specific events are provided under the given society's heading)

Students Branches / Chapters / Societies

Day 3

Day 3 concluded the event with enthusiasm and the utmost excitement. Concluding the last rounds of many of the events, followed by the announcement of the winners, it was perhaps the most awaited day of the entire event.

The last round of the Valorant Competition and the Buzzer round had everyone on the edge of their seats. The best of 3 battles of the final round of the Valorant Competition was something everyone is bound to remember.

One of the most insightful events at Forman Ignite was the 'Women in Tech' panel talk. Moderated by Miss Isra Ammani, the panel talk hosted some exceptionally inspiring and talented women including Ayesha Zaman, Annum Sadiq, Aleena Nadeem, and Sadaf Rehman. These exceptionally accomplished women inspired the audience with their remarkable achievements and talents, particularly resonating with the women in attendance.

The programming competition revealed the skills and talents of all participants but only one was exceptional enough to be crowned the winner. This was followed by the Machine Learning presentations, which demonstrated the presentation skills of all participants and offered something for all attendees to learn.

closing ceremony was a fitting end to an event filled with inspiration, learning, and excitement. Awards and accolades were distributed to the deserving winners, recognizing their hard work and exceptional performance. The formal dinner provided a perfect opportunity for everyone to relax and reflect on the highlights of the past three days. The bonds formed and the knowledge gained during Forman Ignite will undoubtedly leave a lasting impact on all who attended, making it an event to remember.

Forman Ignite '24
Organized by GDSC, IEEE, OmniLife VR & ACM, 25th - 27th June, 2024.
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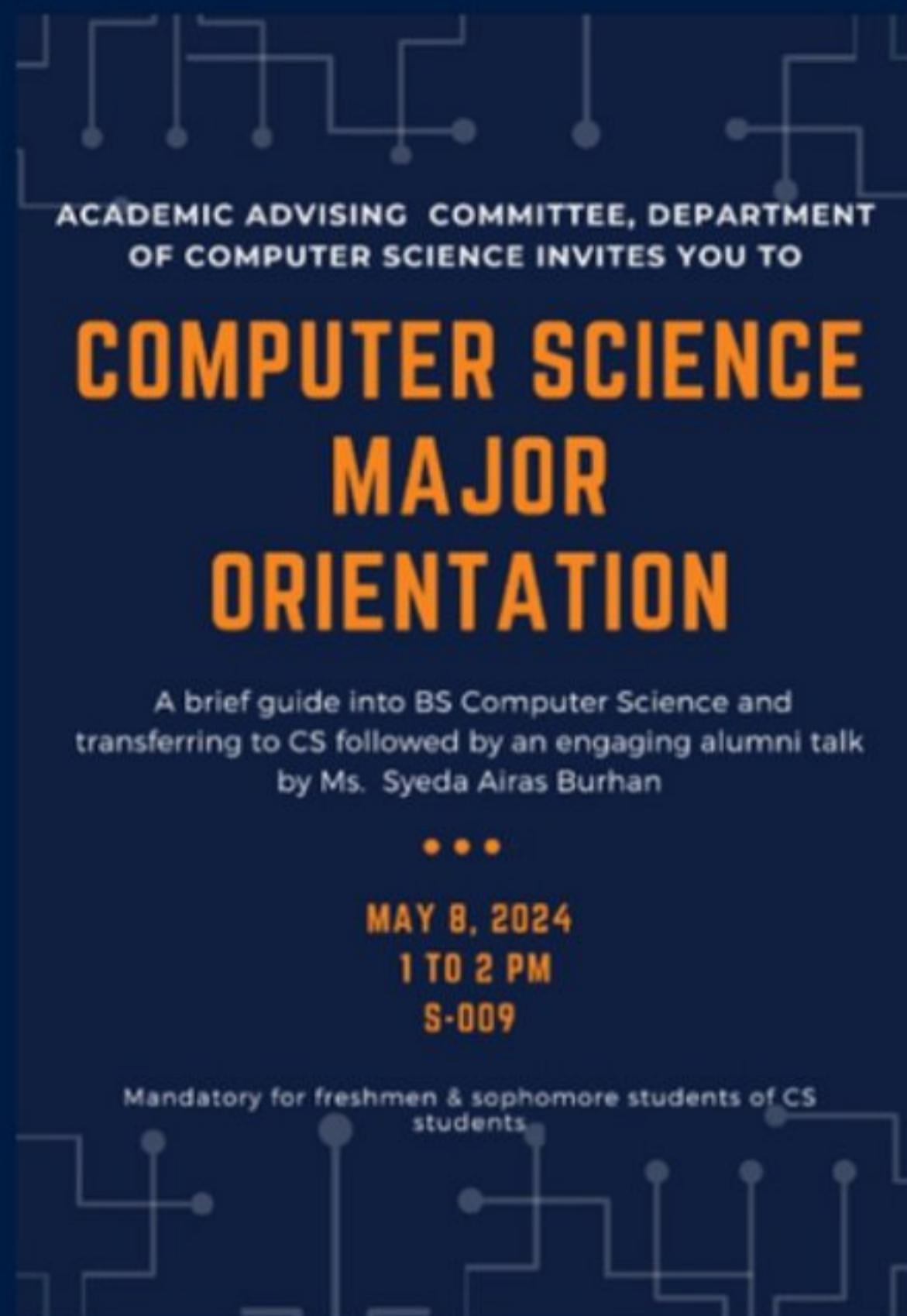
Students Branches / Chapters / Societies

Forman Ignite '24
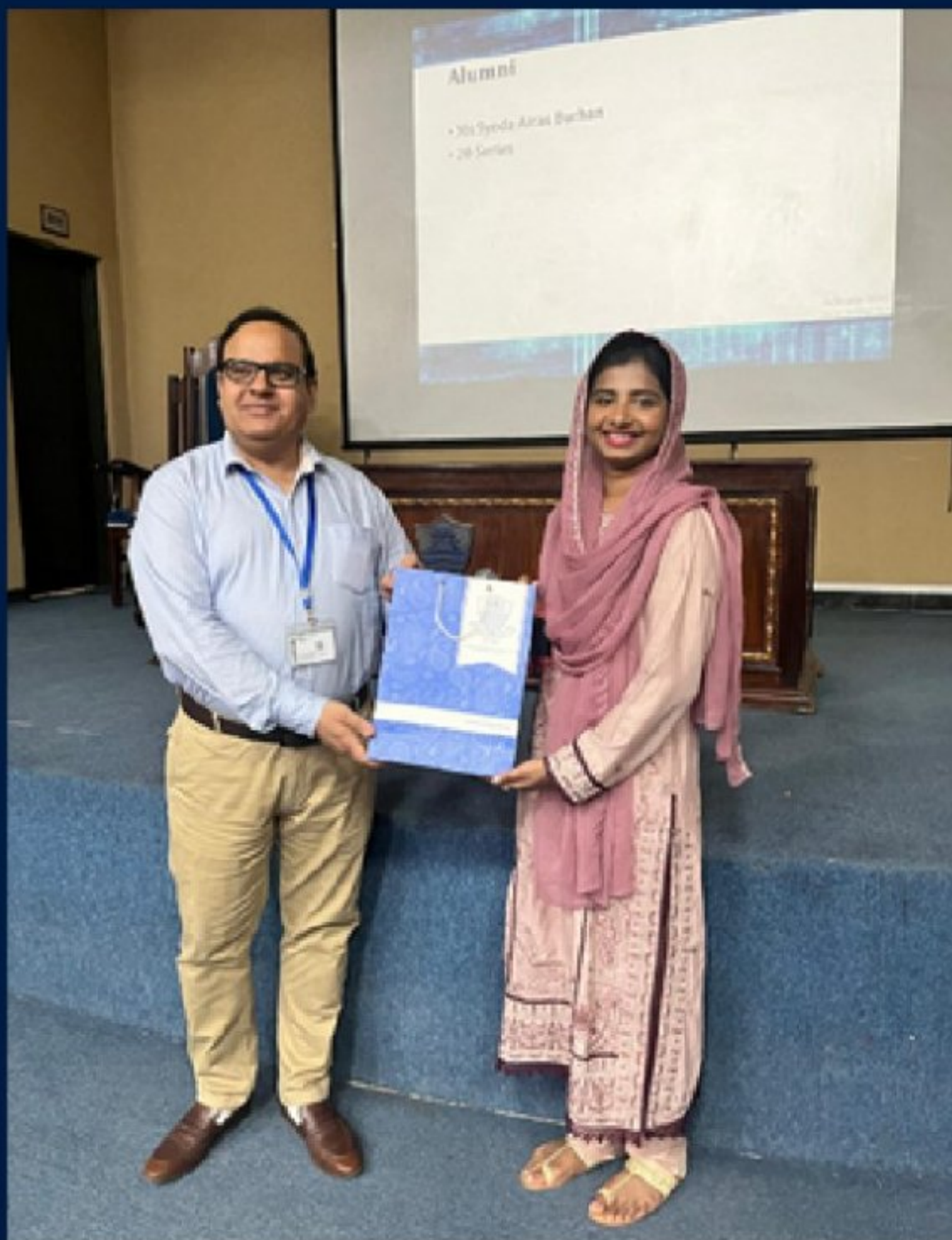**Organized by GDSC, IEEE, OmniLife VR & ACM, 25th - 27th June, 2024.**
(Detail of the specific events are provided under the given society's heading)

E V E N T S

ACADEMIC ADVISING COMMITTEE, DEPARTMENT OF COMPUTER SCIENCE INVITES YOU TO

COMPUTER SCIENCE MAJOR ORIENTATION

A brief guide into BS Computer Science and transferring to CS followed by an engaging alumni talk by Ms. Syeda Airas Burhan

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Mandatory for freshmen & sophomore students of CS students

Computer Science Major Orientation Session

Computer Science Major orientatiion session was held on 8th May 2024. This session was organized by the Academics Advising committee of the department of computer Science. The goal of this session was to provide brief guidance to students about BS computer science and for transforming into CS. This occasion was also honored by our Alumni Ms. Syeda Airas Burhan who had an engaging talk session with the students.

COMPUTER MAJOR ORIENATION SESSION

EVENTS

COMSPEX SPRING '24

Department of Computer Science proudly hosted the Computer Science Senior Project Exhibition (COMSPEX) and Open House. This event showcased the innovative senior projects of the Computer Science students which perfectly aligned with the SDGs of Pakistan.

Projects included, AI-driven traffic management,, advanced cybersecurity solutions, assistive technologies for differently-abled individuals, and IoT innovations. Distinguished guests included Mr. Yasir Rizwan (CTO, TKXEL), Mr. Jawad Arif (SVP, Devsinc), Mr. Ammar Saqib (Head of Engineering, Venturenox), Mr. Jaffer Hussain (CEO, Venturenox), and Mr. Masood Butt (Group Head of HR, Khazana Enterprises).

COMSPEX SPRING '24

EVENTS

The Best Senior Project in the Applications Category was awarded to Omair Ahmad, Saad Yasin, and Ahmad Tariq for their project "IntelliRoads: Next-Gen Traffic Management System,", supervised by Dr. Muhammad Haroon Shakeel. In the Research Category, the Best Senior Project award went to Saad Muzzafar, Muhib Nadeem, and Yamna Hassan for their project "B-NIAS: Bi-directional Neural-Interfaced Automaton Symbiosis," supervised by Ms. Asma Basharat. The Best Poster Award was presented to Hamza Ahmed, Subhan Wasif, and Maheen Khurram for their project "Thought Visualization using LLMs.".

COMSPEX SPRING '24

E V E N T S

COMSPEX SPRING '24

Guests praised the projects, highlighting the high standards of education at FCCU. Dr. Jonathan Addleton, Rector FCCU commended the students' innovation and emphasized the event's role in bridging academia and industry. He added that Forman always remains dedicated to fostering innovation and excellence in the field of education.

COMSPEX SPRING '24

E V E N T S

Talk on AI For Education

A captivating talk and interactive session by Mr. Jibran Jamshad, Education Lead Pakistan, Kazakhstan, and Azerbaijan, and Principal Officer, Pakistan at Microsoft. The topic of the session was "AI for Education: Preparing for the future with Microsoft."

AI for Education

EVENTS

Tech Entrepreneurship

On 5th July, students of Tech Entrepreneurship course presented their technical venture pitches to the audience. Dr Bushra Usman served as an evaluator of the pitches, giving students useful insights to what venture capitalists or angel investors look for in a presentation.

Post Graduate open house:

On 23rd May 2024, Post graduate Open House was arranged by the admissions office. Dr. Nosheen Sabahat and Adeem Akhtar represented the CS department. Many students from various universities including students from FCCU visited the Computer Science department stall to resolve their admissions related queries and showed keen interest in securing admissions at FCCU.

A visit to BNU

A final year project was showcased at Beacon house National University's School of Computer and information Technology. Dr. Nosheen Sabahat and Ms. Asma Basharat from CS department along with Ms. Maryam Khalil from career office attended as academic representatives of FCCU

E V E N T S

Technology Entrepreneurship

On 24th April 2024, department of Computer Science organized a talk titled 'When ,why and how to start your own comapny". This talk was conducted by Mr. Saad Abdullah, coorporate atorny. The goal of this talk was to present a comprehensive guideline for beginners on intellectual property and registration of their company in Pakistan.

Technology Entrepreneurship

CONNECT WITH US

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