



CLUBS SECTION



CONTENTS

CLUBS SECTION

PAGE NO

1. Google Developer Student Clubs	129
2. DevCom	132
3. Cyber X Secure Club	135
4. Automation Club	139
5. Robotics Club	142
6. Astrophysics	145
7. Xopun, the drama Club	148
8. Khobam	153



Google Developer Student Clubs

Central Institute Of Technology Kokrajhar

Unveiling Innovation: A Year of Growth with GDSC CIT Kokrajhar

GDSC CITK, short for Google Developer Student Clubs, Central Institute of Technology Kokrajhar, is not just any club; it's a vibrant community of tech enthusiasts, innovators, and learners.

In the fast-paced world of technology, staying ahead of the curve is essential. That's why on the 28th of August 2023, a beacon of innovation was lit with the inauguration of GDSC CITK (short for Google Developer Student Clubs, Central Institute of Technology Kokrajhar). Since its inception, GDSC CITK has been on a mission to empower students and explore the realms of technology through a diverse array of domains. This club has quickly become a hub for students eager to dive into the world of technology and entrepreneurship. The club, GDSC, offers a range of activities aimed at exploring and learning about technology.



GDSC inauguration day-28th August,2023



Aim, Goal and Vision:

GDSC CITK stands tall with a clear aim, goal, and vision. The aim is simple yet profound: to provide a platform where students can dive deep into the world of technology, explore their interests, and enhance their skills. The goal is to foster a vibrant community of tech enthusiasts who collaborate, innovate, and make a difference in the world. And the vision? To be at the forefront of technological advancements, shaping the future with creativity, ingenuity, and passion.

GDSC CITK Domains:

The club focuses on various domains ensuring there's something for everyone to explore and excel in. The main domains for the 2023-24 chapter are:

- AR/VR
- Web Development
- AI/ML
- UI/UX
- Cloud Computing
- Flutter

Past Events

In its first chapter, GDSC CITK has already made significant strides.

- The club successfully hosted a Google Cloud Study Jam, attracting 150 students, with 80 participants diligently completing the program and earning certificates and swags. This initiative demonstrates the club's commitment to fostering tech education and upskilling its members.
- GDSC CITK was invited to participate in the GDSC Solution Challenge, where members put their skills to the test to develop solutions for real-world problems using Google technologies.
- The club became a community partner for DevFest Siliguri and actively participated in the month of November, 2023. Partnering with DevFest offered numerous benefits to GDSC CITK and its members. It provided exposure to cutting-edge technologies, trends, and best practices, empowering members to stay ahead of the curve in a rapidly evolving tech landscape.
- The club also became a community partner for JGEC Winter of Code which opens doors to endless possibilities for its members to collaborate, learn, and make meaningful contributions to open-source projects.

With a series of successful events behind it, GDSC CITK is now aiming for an even more impactful journey with its upcoming activities. The club is excited to continue empowering students, fostering innovation, and leaving a mark in the world of technology. As they look forward, GDSC CITK invites everyone to join them on this thrilling adventure, as they delve into new initiatives and inspire others along the way.



GDSC CITK at Devfest, Siliguri-2023



Students receiving swags for successfully completing the 30-day google cloud program.





The Developers Club of Central Institute of Technology Kokrajhar

"Education is the most powerful weapon which you can use to change the world." - Nelson Mandela

DevCom also known as Developers Community is a club in our institute that is dedicated to fostering a strong and supportive community of developers, and helping its members build the skills and knowledge they need to succeed in the world of web & app development.

DevCom Club is open to all students who are interested in web or app development, regardless of their level of experience. Whether you're a complete beginner or an experienced developer, there's something for everyone in this club. Members have the opportunity to learn new skills, share their knowledge with others, and work on real-world projects that can help them build their portfolios.



Club Orientation for Year 2022

One of the primary goals of DevCom Club is to help its members stay up to date with the latest technologies and trends in web development. This is achieved through a variety of activities and events, such as workshops, coding challenges, and guest lectures from industry experts. Members are encouraged to share their knowledge and experiences with others, and to help each other grow as developers.



Web Development Bootcamp



Team DevCom representing at Bodoland International Knowledge Festival



Workshop on “Deploying your first smart contract” in collaboration with Web3Assam

Overall, DevCom has become an integral part of the institute's technical community, and it continues to inspire and motivate students to pursue their passion for technology. Whether you are a beginner or an experienced developer, DevCom offers a welcoming space for you to learn, connect, and grow as a technical professional.

Official Social Media Handle:





Cyber X Secure Club

Introduction to the Cyber Security Club of Central Institute of Technology.

Our club is dedicated to form a community of cybersecurity practitioners and learners within the college. Our club's aim is to provide a platform for students to explore, learn, and engage in various aspects of cybersecurity.

- We believe in the importance of raising awareness about cybersecurity among the college community and beyond. We aim to educate students and faculty members about the importance of cybersecurity, online safety, and data privacy.
- Each year with the new members in the Club, we interact and organize different activities for the students for their basic knowledge on cybersecurity and for the basic awareness of the cyber-crimes and scams.
- The club has organized many workshops, sessions, seminars, and hackathons related cyber security that include many different topics such as:
 - Cyber security
 - Network security.
 - Penetration testing
 - Web & App security
 - Bug hunting
 - Blockchain
- We also organize random competition, which are hands-on cybersecurity challenges, we invite guest speakers from industry and academia to share their insights and experiences in the field of cybersecurity.

Objectives of our Club:

- Transform knowledge into Skills.
- Provide environment to experiment while Learning.
- Sharing Research ideas related to Security & Privacy domain.
- Mutual helping platform for beginners
- Provide teamwork capability.
- Enhance the project handling capability.

Upcoming Events of Club:

1. System Administration & Security organized by Cyber X Secure Club in collaboration with NIELIT Guwahati (Ongoing)
2. Interactive session with Club Members on career opportunities in Cyber Security from Cyber X Secure Alumni.
3. One day hands on Bug Hunting session from Cyber X Secure Club.
4. Invited Talk on Malware Analysis from Cyber X Secure Club.
5. Academic Outreach for Awareness program on Cyber Security.



Past Events:

1. Awareness Talk on Cyber Security and Internet Safety: Organized by Cyber X Secure Club CITK

Speaker: Dr Bihung Brahma, Dean SA CITK & Panchanan Nath, Founder & CEO (Encrypto Cyberspace)

2. Inauguration cum orientation 2021: First Official meet with members and core Team organized by Cyber X Secure Club CITK

Speaker: Dr Pranav Kr Singh, Dean AER & Core Team Cyber X Secure



3. Getting Started with Cyber Security & Tools and Technique for Cyber Security and Ethical Hacking: Organized by Cyber X Secure Club CITK.

Speaker: Core Team Cyber X Secure





4. Workshop on Web Pen testing: Organized by Cyber X Secure Club CITK

Speaker: Rony Das (Founder Axomsec Academy)



5. Discussion cum Interaction session on Responsible Social Media Behaviour: Organized by Cyber X Secure Club CITK

Speaker: Er Pratik V Thube, SP Kokrajhar, ASP Kokrajhar, Dean SA & Dean AER CITK

6. Webinar on Developing Employability Skills Career on Armed / Defence Forces: Organized by Cyber X Secure Club CITK

Speaker: Maj. Gen. (Dr.) M.P Singh (Veteran, an Alumnus of NDA)

7. Participation in Bodoland International Knowledge Festival (BIKF) at Bodoland University.

Stall at: BIKF 2023 to showcase our projects, prototypes, and club's activities.

8. Awareness Seminar on Cyber Crime: Organized by Cyber X Secure Club CITK

Speaker: Prithwiraj Rajkhowa (APS)





9. Industry Ready Job Oriented Training on Full Stack Development: Organized by Cyber X Secure Club and NIELIT Guwahati

Speaker: Core Team Cyber X Secure & Experts from NIELIT, TCS, Cognizant, IBM etc

10. Invited Talk on Full Stack: Organized by Cyber X Secure Club and NIELIT Guwahati

Speaker: Dr Avijit Bhattacharyya (Principal Consultant & Technology Head Tata Consultancy Services)

11. Cyber Security Workshop: Organized by Roop Rekha Foundation and Cyber X Secure Club CITK

Speaker: Expert from Trusnetix & Roop Rekha Foundation

12. Demonstration cum Interaction Session: Defending the Gold: How AI Amplifies Security Threats

Speaker: AI Club CITK & Core Team Cyber X Secure

The **Cyber X Secure** Club of Central Institute of Technology serves a dynamic hub for students passionate about cyber security. Through our diverse range of activities and events, we provide an enriching environment for students to learn, grow and connect with like-minded individuals.

Join us as we embark on this exciting journey to enhance our understanding of cybersecurity, contribute to the broader community, and make a positive impact in securing our digital future. Together, let's build a safer and more resilient cyber landscape.

Get involved today and be part of the **Cyber X Secure Club** of Central Institute of Technology!



AUTOMATION CLUB(CITK)

Over the past few months, the Automation Club has been buzzing with energy and innovation, spearheading various initiatives aimed at fostering technological creativity and problem-solving skills among its members. From hands-on workshops to collaborative projects, the club has been at the forefront of igniting passion for automation and robotics among students.

Workshops and Training Sessions:

One of the hallmarks of the Automation Club has been its series of workshops and training sessions designed to equip members with practical skills and knowledge in automation technologies. These workshops have covered a wide range of topics including Arduino programming, Raspberry Pi applications, sensor integration, and machine learning for robotics.

Members have had the opportunity to get hands-on experience with hardware components, learn coding techniques, and explore the principles behind automated systems. These workshops have not only been educational but also served as platforms for fostering collaboration and sharing ideas among like-minded individuals.

Collaborative Projects:

In addition to workshops, the Automation Club has been actively involved in collaborative projects aimed at applying automation technologies to real-world challenges. From designing autonomous vehicles to creating smart home systems, members have worked together to conceptualize, prototype, and implement innovative solutions.

These projects have provided members with invaluable practical experience, allowing them to apply theoretical knowledge to tangible problems. Moreover, they have encouraged teamwork, creativity, and critical thinking, essential skills for success in the field of automation and robotics.

Workshop for College Magazine:

Recently, the Automation Club organized a special workshop focused on contributing to the college magazine. This workshop aimed to harness the technical expertise of club members to create engaging and informative content related to automation and technology.

During the workshop, members collaborated on writing articles, designing infographics, and creating multimedia content highlighting recent advancements in automation, robotics, and artificial intelligence. The workshop not only provided an opportunity for members to showcase their skills but also helped raise awareness about the exciting developments shaping the future of technology. In conclusion, the Automation Club has been a hub of activity and innovation, inspiring students to explore the fascinating world of automation and robotics. Through workshops, collaborative projects, and special initiatives like the workshop for the college magazine, the club continues to empower its members to become leaders in the field of technology and automation. With its spirit of creativity and collaboration, the Automation Club looks forward to embarking on new ventures and pushing the boundaries of technological innovation in the months to come.



PHOTOS

CORE TEAM



Tushar Basumatary

CHIEF
CONVENOR



Marshal Basumatary

VICE-CHIEF
CONVENOR



IRSHAD ALI

EVENT
MANAGEMENT



CHINMOY BORA

MEMBER
MANAGEMENT



AKANKSHA SAHA

MEDIA
MANAGEMENT



HARI NATH PATHAK

TECHNICAL
MANAGEMENT



HIMANSHU RABHA

WEBSITE
HANDLING

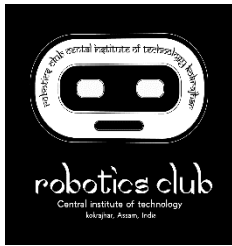


INAUGURATION PROGRAM



WORKSHOPS





Unleashing Ingenuity:

The Robotics Club CITK's Journey

Welcome to the world of innovation and technology, where dreams take shape and machines come to life. It is with great pride and enthusiasm that we present the annual documentation of the Robotics Club CITK, capturing our journey of exploration, creation, and triumphs throughout the past year.

Club Inception and Growth:

The Robotics Club at CITK was reformed on August 16, 2023, marking the beginning of a thrilling adventure into the realm of robotics. The inaugural workshops held on August 20th and 22nd brought together our core team members, setting the stage for what would be an eventful year ahead.



Orientation Programme 2023:

On August 29, 2023, we hosted our orientation programme, a platform to showcase our past accomplishments and demonstrate the prowess of our robotic creations. The event garnered immense interest, with nearly 30-35 students joining the club on the spot. Over the time, our club expanded to encompass a staggering 60 members, each eager to delve into the world of robotics.



Techniche at IITG:

One of the highlights of our journey was our participation in Techniche at IIT Guwahati, from August 31st to September 3rd, 2023. Armed with ingenuity and determination, we competed in events such as Micro Mouse Competition and Sky Sprint, showcasing our bots crafted with contributions from every team member. Our performance was met with commendation, reflecting the dedication and hard work of our club members.



Club Tours and Workshops:

Introducing new members to the wonders of robotics, we organized club tours on September 13, 2023, providing insights into our core team and the objectives of our club. Subsequently, workshops were conducted, focusing on diverse topics ranging from microcontrollers and PCB Designing to the creation of Robo racer, cost efficient Drone etc. These sessions not only enhanced technical skills but also fostered a sense of camaraderie among members, united by a common passion for robotics.



Conclusion:

As we reflect on the past year, the Robotics Club at CITK stands as a testament to the power of collaboration, innovation, and perseverance. From humble beginnings to remarkable achievements, our journey exemplifies the boundless potential of robotics in shaping the future. With each project, workshop, and competition, we continue to push the boundaries of what is possible, driven by our unwavering passion for technology and discovery.

Here's to another year of innovation, growth, and endless possibilities as we continue to unravel the mysteries of robotics and pave the way for a brighter future.

Join us and let's redefine the future of Robotics.

Robotics Club, CITK



Astrophysics Club

The Beauty of the sky attracts everyone at all age irrespective to religion and gender we all are intrinsically connected to the rhythm of the earth, the moon, the sun, and the entire universe. Thus, we share a common platform to exchange our thought in a creative way. With this intension, we are united in the form of activity club named “**Astrophysics Club**”, CITK. This club was established on 28 October 2017 in the presence of Prof. Debkumar Chakrabarti and Prof. Uday Shanker Dixit, former director, CITK, since then we were with so many activities like competition or presentation on Space O Talk, School Visit Program to Salakati High School, Science Day Celebration at CIT Kokrajhar, Quiz & Debate Competitions, Space Week Celebration, and so on. Besides, a Night Sky Gazing & Planet Observation program was organized, in which Mr. Manas Sarmah, member of Pragjyotish Amateur Astronomers' Association, (PRAG) and the Guwahati Planetarium (GP), came as expert and also exhibited a piece of meteorite with real experience of touching it by holding the same by both faculties and students. We organized National Webinar on "Advances in Astrophysics and Cosmology: The Road Ahead", in which Dr. Sanjeev Kalita, Assistant Professor, Astrophysics Group, Department of Physics, Gauhati University graced the program as invited speaker during Covid-19 pandemic period. We were also proud to have Dr. Biman J Medhi, Associate Professor, Department of Physics, Gauhati University as resource person for the lecture "Space-O-Talk". On the auspicious day of the birth anniversary of the great German astronomer, mathematician, astrologer, natural philosopher and writer Sir Johannes Kepler on the 27th of December 2021, the Astrophysics Club of CIT Kokrajhar have successfully conducted an outreach program at a local school named Gyan Jyoti Jatiya Vidyalaya, nearby CIT Kokrajhar. The objective of the program was to on that of science which has a very little exposure in the normal school syllabus that is Space. A quiz competition was conducted among school students and plant saplings, marking the importance of the green world were distributed. To mark the significance of National Science Day, this year also Astrophysics Club of Central Institute of Technology Kokrajhar hosted a get together with the objective of discussing on the Life of Sir Chandrasekhar Venkata Raman along with his contributions in science, in which, Mr. Bidhu Bhushan Brahma, research scholar, Department of Physics, CITK was the guest speaker. There was an in-house interaction and discussion among students, research scholars and faculties.

Our club is yet in young stage, we believe that the activities create a healthy academic ambience inside and outside of CIITK along with social uplifting.



2023 Events conducted.

On behalf of Astrophysics Club, CITK an essay competition was organised to celebrate our Independence Day (77th) on the topic **Chandrayaan-3 Moon Mission**. The essays submitted beautifully encapsulates the essence of India's space exploration journey. It emphasizes the mission's significance as a continuation of ISRO's lunar endeavours, building upon the foundation laid by Chandrayaan-1 and Chandrayaan-2, what truly makes Chandrayaan-3 remarkable in its collaborative nature, where ISRO's expertise converges with the capabilities of emerging Indian private space organizations. The result was declared and circulated also.

Winners:

1. Rimpi Chakravarty Ph.D. Dept. of Physics, CIT Kokrajhar
2. Papiya Dey M.Sc. (2nd Year) Dept. of Physics, Bodoland University
3. Hrishikesh Sharma BTech. CSE (1st Year), CIT Kokrajhar

Honorary mentions:

Gwjwn Basumatary BTech. CSE (1st Year), Tanneru Yuva Teja Sri BTech. CSE (2nd Year) and Nikita Thakur BTech. CE (2nd Year)

Chandrayaan-3 Mission Viewing

23 August 2023: 5:00-7:30 PM: BKB Seminar Hall CITK

It is our great pleasure to know of India's pursuit of space exploration to make a remarkable milestone with the impending Chandrayaan-3 Mission, poised to achieve a soft landing on the lunar surface. This achievement marks a significant step forward for Indian Science, Engineering, and Technology, symbolizing our nation's progress in space exploration. In this regard, the Astrophysics Club of CITK organised witnessing event for the historic moment for India. Our aim is to experience the special moment in a common platform, where we can collectively enrich our minds and souls. The CITK family enjoyed the prestigious moment together and celebrate the third lunar mission, Chandrayaan-3, the soft and triumphant landing on the Moon's South Polar Region.

Astrophysics Club CITK extend heartfelt gratitude and sincere thanks to our esteemed Registrar, faculty members, students, and guests who gathered in the BKB Seminar Hall at CITK to commemorate the historic occasion of ISRO's successful soft landing of Chandrayaan-3 on the South Lunar Pole today (23 August 2023). The presence truly made this event special and reflects the unity and togetherness that such achievements can inspire. It was indeed a moment filled with immense pride and joy as we collectively witnessed the remarkable achievement of ISRO. Through this feat, India has taken its place among the select group of nations as the 4th to have achieved such a significant milestone and also became the 1st country to soft land on the South Lunar region.



Manasi Buzar Baruah
F/I, Astrophysics Club, CITK



Exploring the Art of Drama: A Journey with Xopun

Xopun, the drama club, CIT Kokrajhar, is a unique and refreshing addition to the engineering and designing space. This club provides a much-needed platform for students to showcase their artistic talents and explore their passion for acting and drama. Through its various programs and activities, the club has created a safe and supportive space for its members to experiment and grow as performers. Xopun is powered by a team of passionate and dedicated coordinators, members working tirelessly to ensure the success of each and every performance. The beauty of this club is the teamwork of faculty and students in perfect harmony, creating a culture of collaboration that is truly inspiring.

The club's repertoire of activities is truly impressive. Xopun has collaborated with various organizations, and production houses to expand its reach and impact. The club has also participated in several awareness programs, using the power of drama to educate and inspire audiences on critical social issues. But it is the club's performances that truly steal the show. The club's performances are a feast for the senses, from street plays to stage plays. The actors display a remarkable range of emotions, bringing the characters to life with a realism that is both impressive and captivating. The themes of the plays are diverse and thought-provoking, making the audience reflect on the world around them.



Manuhe Manuhor Babe, a poetic play, Performance at the Stage of Ecstasy 2022



As a vibrant drama club, we are always looking for ways to inspire and encourage students to explore their passion for acting and theatre. In the year 2023, we proudly hosted "**Alaap Xonglaap**," an event designed to welcome new members and foster a love for drama and self-expression. The faculty in charge of Xopun Drama Club, Dr. Manasi Buzar Baruah, delivered a powerful message of inspiration and motivation for new members to join the club. Her words were truly impactful and left a lasting impression on all who were present.

As part of the event, we organized an audition for a mono-act competition of "Ecstasy 2023," which gave students the opportunity to showcase their acting skills and compete against their peers. We were thrilled to have the esteemed Mr. Siddharth Roy as our guest, whose impressive resume as an actor, writer, and director spanned over 7-8 years in the theatre, and drama industry. Our vision for "Alaap Xonglaap" was to provide a platform for students to learn about the art of acting, develop their skills, and ignite their passion for drama. We believe that drama is a powerful tool for self-expression, and we are committed to nurturing the talents of aspiring actors and performers. Overall, "Alaap Xonglaap" was a resounding success, thanks to the enthusiastic participation of our students and the valuable insights shared by Mr. Siddharth Roy. We look forward to continuing our mission to encourage drama, acting, and self-expression in the years to come.





Awareness Program

An awareness program against consumption of drugs was conducted in Jibanalaya, a child care institute on 25 December 2023. The children of Jibanalaya expressed their experience with our club members. The interaction session was very much fruitful and we club members enjoyed our time with them. Along with interaction the children performed poem recitation, song and dance, such a positive environment boosted a spirit of progressive life.





Assam Sanskritik Mahasangram - Success of Ramdhenu Bihu Dol (CITK) VCDC, LAC, and District Levels

The Assam Sanskritik Mahasangraam witnessed a remarkable performance by the Ramdhenu Bihu Dol team representing Central Institute of Technology Kokrajhar. The event showcased the rich cultural diversity of Assam, bringing together various talents from different regions.



Ramdhenu Bihu Dol from CIT Kokrajhar actively participated in the cultural extravaganza and emerged victorious at multiple levels. The team secured the **1st Prize at the Village Cultural Development Committee (VCDC) level and claimed the 3rd Prize in both Legislative Assembly Constituency (LAC) and District Level competitions.** The accolades are a testament to the dedication and skill of the participants.

- ❖ VCDC Level - On 22nd November 2023, Ramdhenu participated at Debagaoon VCDC level and secured 1st Position and Nominated for LAC Level.
- ❖ LAC Level - On 12th December 2023, Ramdhenu participated at East Kokrajhar Legislative Assembly Constituency (LAC). There are about 6-7 teams where Ramdhenu secured 3rd position and nominated for District Level.
- ❖ District Level - On 6th January 2024, Ramdhenu Bihu Dol(CIT) won the 3rd prize among the teams from 3 assembly constituencies of Kokrajhar district. Finally selected for State Level representing our Institute and District Kokrajhar.



CERTIFICATES

Bihu performance in Guwahati creates Guinness World Record

14 April 2023, 11 members of Ramdhenu Bihu Dol participated at **Guinness Book of World**. The largest Bihu dance that had 11,298 participants and was achieved by State of Assam (India) in Guwahati, Assam, India





KHOBAM

In the diverse cultural landscape of our college, SPIC MACAY KHOBAM stands out as a club dedicated to exploring and appreciating India's rich heritage. This club is more than just a group of students; it's a platform that introduces us to the traditional arts and cultural roots of our nation.

Throughout the year, SPIC MACAY KHOBAM organizes events and workshops, inviting artists to share insights into classical music, dance, and literature. These sessions offer a practical way for students to engage with their cultural heritage, fostering an understanding and respect for India's diverse traditions.

One noteworthy annual event hosted by SPIC MACAY KHOBAM is BWISAGU/Bihu. This celebration, rooted in Assamese traditions, provides a glimpse into the vibrant culture of the region. It's not an extravagant affair, but it brings students together to experience the Bihu dance, music, and rituals. BWISAGU/Bihu serves as a low-key yet unifying event, connecting students from various backgrounds.

In summary, SPIC MACAY KHOBAM plays a role in connecting students with India's cultural roots. It's not flashy, but it provides a down-to-earth approach to cultural exploration. Through events like BWISAGU/Bihu, the club quietly contributes to preserving and appreciating our nation's heritage.

