Title:

Hands-on Workshop on LinkedIn & Github

OVERVIEW

Objective: To give a hands-on demonstration of LinkedIn & Github, asserting the importance of such platforms in this time of the century.	**Benefit in terms of learning/Skill/Knowledge obtained:** Participants comprising mostly of the 1st year, had the chance to learn practically how to create an account on LinkedIn & make a post. Further learned how to use GitHub as a programmer.
Academic Year: 2023-24	**Program Driven by:** GDSC KU & Entrepreneurship Club KU
Month: September	**Program/Activity Name:** Hands-on Workshop on LinkedIn & Github
Program Type: Workshop	**Other:** Null
Program Theme: Career & Tech Skills	**Other:**
Date & Duration (Days): 09/09/2023-1	**External Participants, If any:0**
Time: 02:00 pm – 03:40 pm	**About the event:** The Google Developers Student Club, The Assam Kaziranga University, along with the Entrepreneurship Club KU took the initiative to equip the 1st (and 2nd) year students with the knowledge of the importance of LinkedIn & Github. The event was well received by the freshers, filling up the venue to the brim. A total of 80+ new LinkedIn accounts were created on the spot. The event was overseen by the Dean School of Engineering & Technology, Dr. Karthik Kovuri, mentor of the Entrepreneurship Club Swapnanil Talukdar, & the faculty advisor of the GDSC KU, Basab Nath sir. Speakers for the event were Lakhya Jit Sarmah, Sagar Tamang, and Swanit Anuran.

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Info session and Idea Pitching for SIH 2023

OVERVIEW

Objective: To create a networking opportunity for all the SIH hackathon ’23 aspirants. Also, to further hone their ideas through the expert panel of judges and mentors.	**Benefit in terms of learning/Skill/Knowledge obtained:** The aspiring teams for SIH ’23 took part in the event where they had the opportunity to delve deeper into their chosen problem statements by receiving critical appraisals from the expert mentors & judges.
Academic Year: 2023-24	**Program Driven by:** GDSC KU & Entrepreneurship Club KU
Month: September	**Program/Activity Name:** Info session and Idea Pitching for SIH 2023
Program Type: Presentation	**Judges/ Mentors:** Swapnanil Talukdar, Basab Nath, Nawab Wasim Rahman, & Ankit Mohari
Program Theme: Innovation	**Other:** Null
Date & Duration (Days): 15/09/2023-1	**External Participants, If any:0**
Time: 02:30 pm – 04:45 pm	**About the event:** Smart India Hackathon, the “World’s biggest open platform for the innovators or entrepreneurs of tomorrow to start today towards a smarter India”, is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives. Each university can send teams representing their institution, so an internal hackathon is being conducted at the campus to filter out the teams and select the most competent ones; And, also, to further prepare the ones falling behind for the future.

Entrepreneurship CLUB

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

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REPORT ON TECHBLITZ 2023

TechBlitz 2023, the highly anticipated technical fest at Kaziranga University, was successfully held on November 29th and 30th, 2023. The event witnessed enthusiastic participation from over 800 Class 12 science students and faculty members from Assam and Nagaland. The festival served as an interactive platform for students to explore various technological advancements and engage in hands-on workshops, fostering a spirit of innovation and learning.

Workshops and Activities TechBlitz 2023 featured an array of workshops covering cutting-edge topics such as Robotics, Artificial Intelligence, Augmented Reality & Virtual Reality (AR/VR), and Medical CPR. These workshops provided attendees with practical insights and firsthand experience in state-of-the-art technologies. Additionally, students and faculty had the opportunity to explore the university's well-equipped Engineering and Health Sciences laboratories, offering them a glimpse into the practical applications of theoretical knowledge.

Faculty and Student Engagement One of the major highlights of TechBlitz 2023 was the overwhelming appreciation from faculty members who recognized and applauded the university's efforts in inspiring the next generation of engineers and medical professionals. The event encouraged knowledge-sharing and collaboration between students, faculty, and industry experts, creating a vibrant and intellectually stimulating environment.

Student Contributions and Coordination The success of TechBlitz 2023 was largely attributed to the dedication, hard work, and coordination of Kaziranga University students. From conceptualizing innovative projects to efficiently managing the two-day event, students showcased remarkable organizational and technical skills. The student coordinators played a crucial role in ensuring the seamless execution of the event, demonstrating leadership and teamwork.

Conclusion TechBlitz 2023 was a remarkable achievement, bringing together young minds, faculty, and technology enthusiasts to explore, learn, and innovate. The event not only provided a platform for hands-on learning but also reinforced Kaziranga University's commitment to fostering technological excellence. A heartfelt thank you to all participants, faculty members, and students who contributed to making this event a grand success.

GLIMPSE OF THE EVENT:

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Title:

Entrepreneurship Development Programme 2023

OVERVIEW

Objective: To make the youth of today aware of the importance of entrepreneurship and innovation.	**Benefit in terms of learning/Skill/Knowledge obtained:** Students had the opportunity to learn about the importance for growing mushroom, especially in Assam along with the needs and importance of Enterprise Building, communications, training, capacity building, livelihood generations-marketing and finance.
Academic Year: 2023-24	**Program Driven by:** School of Social Sciences and Institute Innovation Council Cell,The Assam Kaziranga University in collaboration with Mushroom Development Foundation
Month: December	**Program/Activity Name:** Entrepreneurship Development Program 2023
Program Type: Expert Talk	**Attendees:** Students of School of Social Sciences, Faculties and Deans.
Program Theme: Innovation	**Other:** Null
Date & Duration (Days): 11/12/2023-1	**External Participants/Resource Person:** Mr. Pranjal Boruah General Secretary, Mushroom Development Foundation
Time: 12:30 pm – 02:00 pm	**About the event:** The Entrepreneurship Development Program basically, looks up on in spreading awareness on the importance of Entrepreneurship among the youths of India. As in today's scenario we understand the high demand for jobs and as so as the various challenges they face during selection, entrepreneurship can play vital role in removing these challenges. Hence, this event was conducted to motivate the students to think something out of the box, create their own ventures of their choices and dreams, which further will help in the growth and development of the country and boost Indian Economy.

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SCHOOL OF PHARMACY

A Report on

"The Pharma Edge: Mastering Essential Skills"

STUDENT DEVELOPMENT PROGRAMM FOR B. PHARM 4TH YEAR STUDENTS

5th to 14th December, 2024

THE ASSAM KAZIRANGA UNIVERSITY,
SCHOOL OF PHARMACY

8 DAYS STUDENT DEVELOPMENT PROGRAM

The Pharm Edge: Mastering Essential Skills

5-14 December,2024

KEY AREAS

- Project & Thesis Preparation
- Resume Building & Presentation Preparation
- Molecular Docking
- Softwares for referencing, Chemical Drawing and Scientific figures.
- AI in Pharmacy
- Advanced Excel Skills
- Research Approach

SUBMIT YOUR REGISTRATION TO

dibyojyoti@kzu.ac.in

More Information

DDibyojyoti Sarmah
Asst.Professor
School of Pharmacy, The Assam Kaziranga University
Contact No:- 8402923840
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The School of Pharmacy (SOP) successfully concluded "The Pharma Edge: Mastering Essential Skills," a comprehensive Student Development Program held from 5th December to 14th December, 2024. This program was designed specifically for the students of B. Pharm 4th year.

"The Pharma Edge" focused on equipping students with crucial skills beyond the traditional curriculum, preparing them for success in the competitive pharmaceutical landscape. The program covered a range of essential areas, including Project& Thesis Preparation, Resume Building, Presentation Preparation, Molecular docking, referencing Software's, Scientific structure and figure drawing software's, AI Tools in Pharmaceutical Research etc. Sessions were delivered through a variety of interactive formats such as workshops, guest lectures, group discussions, case studies, and practical exercises.

The primary objective of "The Pharma Edge" was to bridge the gap between academic learning and real-world application. It aimed to enhance students' employability, foster professional development, and nurture future leaders in the pharmaceutical field. The program provided a platform for students to interact with experienced professionals, gain valuable insights, and develop a deeper understanding of the challenges and opportunities that lie ahead.

The program was organized under the esteemed guidance of Dean SOP, Dr. Rajesh Jesudasan, and HOD, Dr. Sailendra Kr. Mahanta. The program was coordinated by Mr. Dibyojyoti Sarmah along with Miss. Just Merry A B Marak. The success of "The Pharma Edge" reflects SOP's commitment to holistic student development and its dedication to nurturing well-rounded pharmaceutical professionals.

Program Schedule and Activities

DATE	TOPIC/ AGENDA	Faculty In-Charge
DAY 1 05/12/2024	**1. Brief Discussion on How to prepare project report and Thesis.** **2. Resume Building & Presentation Preparation**	1. Mr. Pinku Gogoi 2. Mr. Bhargab Sarma
DAY 2 06/12/2024	**Research Approach (IMRAD)**	Dr. R Navakanth Raju
DAY 3 09/12/2024	**1.Molecular Docking in Pharmacy** **2. Traditional Knowledge Digital Library**	1.Mr. Jyotishman Saikia 2. Mr. Dibyojyoti Sarmah & Mr. Abhijit Nath
DAY 4 10/12/2024	**Molecular Docking in Pharmacy - Case Study**	Mr. Ramakrishna Ubbani
DAY 5 11/12/2024	1.**Software for scientific drawing (Biorander)** **2.General Excel Skills for Students**	1. Dr. Wankupar Wankhar 2. Mr.Bhargab Sarma
DAY 6 12/12/2024	**Software's used in chemical drawing (Chemdraw)**	Mr Pinku Gogoi
DAY 7 13/12/2024	**AI In Pharmacy (Software's and Approaches)**	Mr. Ramakrishna Ubbani
DAY 8 14/12/2024	**Referencing Tools (Endnote, Mendley)**	Mr. Pinku Gogoi

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Student Development Programme

School Of Pharmacy

The Assam Kaziranga University

Duration: - 05/12/2024 to 14/12/2024

Time: 10:00 am to 12:00 pm

Day/ Date	Topic	Faculty In-charge
Day 1 05/12/2024	1. Brief Discussion on How to prepare project report and Thesis. 2. Resume Building & Presentation Preparation	1.Mr. Pinku Gogoi 2.Mr.Bhargab Sarma
Day 2 06/12/2024	Research Approach (IMRAD)	Dr. R Navakanth Raju
Day 3 09/12/2024	1. Molecular Docking in Pharmacy 2. Traditional Knowledge Digital Library	1. Mr. Jyotishman Saikia 2. Mr. Abhijit Nath & Mr. Dibyojyoti Sarmah
Day 4 10/12/2024	Molecular Docking in Pharmacy - Case Study	Mr. Ramakrishna Ubbani
Day 5 11/12/2024	General Excel Skills for Students	Mr.Bhargab Sarma
Day 6 12/12/2024	Software's used in chemical drawing	Mr Pinku Gogoi
Day 7 13/12/2024	AI In Pharmacy(Software's and Approaches)	Mr. Ramakrishna Ubbani
Day 8 14/12/2024	Referencing Tools (Endnote, Mendley)	Dr. Sailendra Kumar Mahanta Mr. Pinku Gogoi

Note: - All B.Pharm 7th Semester students must attend the whole session of the SDP.

Signature

Dean, School Of Pharmacy

Signature

HOD, School of Pharmacy

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Date: 5th December, 2024, Day 1

The Pharmacy Department launched "The Pharma Edge: Mastering Essential Skills," a targeted student development program for B. Pharm 4th year students, commencing on 5th December, 2024. This program aimed to equip students with crucial skills necessary for a successful transition from academia to the professional pharmaceutical world.

The program began with an opening address by the Dean of the School of Pharmacy and the Head of the Department, emphasizing the importance of skill development beyond the curriculum. Then, Mr. Pinku Gogoi led a Hands-on session on “Brief Discussion on How to prepare project report and Thesis”, as it is one of the major considerations for final year B. Pharm Students.

A dedicated session was held on Resume Building & Power Point Presentation Preparation, facilitated by, Mr. Bhargab Sarma, which included interactive exercises and Hands on presentations. The afternoon session focused on Creative and Professionalisms in Power point and Resume Preparations.

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6th December 2024, Day 2

The 2nd day of Student Development Program, held on 6th December, 2024, featured an engaging session aimed at enhancing students' personal and professional growth. The program led by Dr. R Navakanth Raju on Research Approach (IMRAD), emphasizing the importance a standard, organized and orderly approach to research activity.

The session detailed all the information gathering and information reporting sources and processes primarily aimed at the upcoming or ongoing project work of the B.Pharm 4th year students.

9th December 2024, Day 3

The 3rd day of Student Development Program commenced with a session on "Molecular Docking in Pharmacy" presented by Mr. Jyotisman Saikia was invaluable for pharmacy students. The session on molecular docking provided students with hands-on experience in computational drug design, a crucial skill in modern pharmaceutical research. It allowed them to understand how to predict the interactions between drug molecules and target proteins, accelerating the drug discovery process.

The 2nd session of the day 3 enlightened on the Traditional Knowledge Digital Library (TKDL), led by Mr. Dibyojyoti Sarmah was equally important, highlighting the significance of traditional medicine in drug development. Students learned how the TKDL, a vast repository of traditional knowledge, can be used to identify potential sources of new drugs and therapies. This session emphasized the importance of preserving and utilizing traditional knowledge in a scientific context, fostering a holistic approach to pharmaceutical research.

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10th December 2024, Day 4

This 4th Day of Student development program session, focusing on "Molecular Docking in Pharmacy - a Case Study" led by Mr. Ramakrishna Ubbani, was crucial for pharmacy students. It provided them with an in-depth understanding of molecular docking, a vital computational technique in drug discovery continuing the previous day discussions.

The session likely covered:

- **The importance of molecular docking:** How it aids in predicting the binding affinity and interaction of ligands (potential drugs) with target proteins, thus accelerating drug development.
- **Case studies:** Real-world examples showcasing the application of molecular docking in identifying potential drug candidates and understanding their mechanisms of action.
- **Hands-on experience:** Potentially, students got to use molecular docking software, gaining practical skills in this area.

Overall, this session was a valuable addition to the students' academic journey, equipping them with essential knowledge and skills for a successful career in pharmacy.

11th December 2024, Day 5

The first session of the 5th Day of Student development program emphasized on "**Software for scientific drawing (Biorender)**" led by Dr. Wankupar Wankhar, Dean of the School of Health Science, are crucial for students in health-related fields. The session tried to equip students with essential skills in visually representing complex scientific data, enhancing their understanding and communication of research findings. Biorender, a user-friendly software, enables the creation of accurate and aesthetically pleasing scientific illustrations, a skill highly valued in academic and professional settings.

The sessions helped students to be proficient in Biorender, capable of producing high-quality visuals for presentations, publications, and research proposals, ultimately contributing to their academic success and future career prospects.

The Second session of Day 5 on "General Excel Skills for Students" was conducted by Mr. Bhargab Sarma was highly beneficial for students. The session equipped them with essential Excel skills, enhancing their ability to organize, analyze, and interpret data effectively.

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Participants learned various functions, formulas, and shortcuts, improving their efficiency and productivity. These newly acquired skills will be invaluable in their academic pursuits, research projects, and future careers, where data handling and analysis are crucial. The program empowered students to confidently use Excel as a powerful tool for problem-solving and decision-making.

12th December 2024, Day 6

The 6th Day of Student development program Started with a session on "**Software's used in chemical drawing (ChemDraw)**" conducted by Mr. Pinku Gogoi proved invaluable for students. These sessions provided hands-on training in ChemDraw, a crucial tool for Pharmaceutical Analyst. Participants learned to create accurate and professional-looking chemical structures, reactions, and diagrams. This newfound proficiency enhances their ability to communicate complex chemical information clearly and effectively, a skill essential for academic success, research endeavors, and future careers in the chemical sciences. The program empowered students to visualize and represent chemical concepts with greater precision and clarity, fostering a deeper understanding of the subject matter.

13th December 2024, Day 7

The 7th Day of Student Development Program emphasized on "AI in Pharmacy (Software's and Approaches)" led by Mr. Ramakrishna Ubbani proved invaluable for aspiring pharmacists. The sessions highlighted the growing role of artificial intelligence in revolutionizing pharmaceutical practices. Participants gained insights into AI-powered software used in drug discovery, personalized medicine, and pharmacy management. They explored various AI approaches, including machine learning and deep learning, and their applications in areas like drug formulation, patient care, and supply chain optimization. This exposure to cutting-edge technology will better prepare students for the future of pharmacy, enabling them to leverage AI for improved patient outcomes and advancements in the field.

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14th December 2024, Day 8

The final Day of the Student development program highlights on "Referencing Tools (EndNote and Mendeley)," facilitated by Mr. Pinku Gogoi, provided invaluable training for students. The session addressed the complexities of academic referencing, equipping participants with the skills to efficiently manage citations and generate accurate bibliographies. Students gained practical experience in utilizing EndNote and Mendeley to organize research materials, seamlessly integrate citations into documents, and automatically format references according to various style guides. Consequently, participants are now better prepared to avoid plagiarism, enhance the quality of their academic writing, and streamline their research workflows, resulting in significant time savings. This training will contribute substantially to their academic success and prepare them for the demands of scholarly work.

Conclusion

The Faculty Development Program held from December 5th to 14th December, 2024 at the School of Pharmacy, The Assam Kaziranga University, proved to be a highly enriching and impactful experience for all participants. Over the course of these ten days, the program provided a comprehensive exploration of crucial topics essential for academic and professional advancement. Key discussions ranged from the practical aspects of project and thesis preparation, including effective resume building and impactful PowerPoint presentation techniques, to specialized scientific areas such as molecular docking, software tools for creating scientific figures and chemical structures, and the intricacies of a robust research approach. Furthermore, the program addressed contemporary and emerging fields, including the transformative potential of AI in Pharmacy and the importance of advanced Excel skills for data analysis and interpretation. The breadth and depth of the content covered, combined with the interactive format of the sessions, fostered a stimulating learning environment and facilitated valuable knowledge exchange among faculty members. It is anticipated that the insights and skills gained during this FDP will significantly enhance the participants' Learning effectiveness, research capabilities, and overall professional development, ultimately contributing to the advancement of pharmaceutical education and research.

Speaker Certificate Template:

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CERTIFICATE
OF APPRECIATION

This certificate is presented to

.....

in sincere appreciation of your invaluable contribution as a speaker during the Student Development Program, hosted by the School of Pharmacy, The Assam Kaziranga University from 5th to 14th December, 2024.

You're enlightening and insightful talk on _____ has undoubtedly enriched the minds of our final year students and motivated them on their upcoming Scientific and professional journey.

We appreciate your time and expertise in sharing your knowledge with our students. Your participation has enriched the Student development program and inspired our final year students.

Dean, School of Pharmacy
The Assam Kaziranga University

HoD, School of Pharmacy
The Assam Kaziranga University

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Participants Certificate Template

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CERTIFICATE
OF PARTICIPATION

This is to certify that

……..

attended the 8 - Days Student Development Program (SDP)

"The Pharma Edge: Mastering Essential Skills",

held from 5th to 14th December 2024, organized by School of Pharmacy,

The Assam Kaziranga University, Jorhat, Assam.

Dean, School of Pharmacy
The Assam Kaziranga University

HoD, School of Pharmacy
The Assam Kaziranga University

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Organized jointly by Central Library, Research Wing and Internal Quality Assurance Cell

One Day Workshop On – JGate Literature, Citations and Publications

Date: 11/08/2023

Venue: SET Seminar Hall

Medium/Source: PPT, Live Demonstration and Lecture

Schedule of the Event:

Event Name	Sequence of the Events	Time
Lightening of lamp	Hon'ble Registrar, Director IQAC and Dean R & D	04.00 pm
Welcome Address	Dr Dipak Maity Dean, R&D, KU	04.02 pm
Inaugural Address	Dr H Ravishankar Kamath, Registrar, KU	04.07 pm
Resource Person (Felicitation)	Honourable Registrar, KU	
Workshop Session I	Sample Test for Quality Research, Inductive Research Vs Deductive Research, Conceptual Plagiarism, Citation	04.15pm - 05.05pm
Tea-Break		05.05 pm - 05.15pm
Workshop Session II	JGate Demonstration	05.15 pm - 05.55pm
Vote of Thanks	Associate Dean (R&D), KU	05.55 pm - 06.00pm

Chief Guest & Speaker:

Mr. Mahendranath Sarkar, J Gate (R&D), Informatics Publishing Limited

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Convenar/Organzer of the event:

Dr. Sosanka Protim Sandilya, Associate Dean, Research Wing**,** The Assam Kaziranga University,
Pravakar Thakur, Assistant Librarian, Central Library, The Assam Kaziranga University, Jorhat

Total Number of Participants: Approximately 200 staffs from various department actively attended the workshop.

Flyer:

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Introduction:

Launched in 2001 by Informatics India Limited, J-Gate is an electronic gateway to global e-journal literature. J-Gate provides seamless access to millions of journal articles. The J-Gate platform is fronted by a simple, intuitive, and easy-to-use interface, and also gives users complete control over search filters. By allowing users to access content from a wide variety of publishers on a single platform, J-Gate exponentially increases journal usage.

Objective/Purpose of the Event:

i) Our university has subscribed to J-Gate, so with objective of increasing the maximum and proper utilization of J-Gate the workshop was conducted.

ii) Its essentials for the faculties to understand and know about the platform before guiding the students about its benefit.

Glimpse of the Event:

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REPORT ON

HANDS-ON SESSION ON FLOWGORITHM FOR CSE STUDENTS

1. **Introduction:**

   A hands-on session on Flowgorithm was conducted at the SET Lab to introduce CSE students to the practical implementation of flowcharts and algorithms using the Flowgorithm tool. The session aimed to bridge the gap between theoretical algorithm design and its practical execution by enabling students to visualize and validate their logic in an interactive manner.

2. **Objective of the Workshop:**

   The primary objective of the workshop was to empower inquisitive minds with the necessary tool, Flowgorithm, which allows users to quickly test any flowchart or algorithm. By providing a user-friendly graphical representation of logic, the session sought to enhance students' problem-solving skills and programming efficiency.

3. **Outcome of the Workshop**: After attending the session, students gained the following skills:
   - Ability to evaluate their designed algorithm for an unknown problem effectively.
   - Capability to automatically generate code in different programming languages corresponding to a given algorithm, thereby reducing manual effort and errors in code translation.

4. **Date & Time of the Session:** The session was held on 31st January 2024, from 3:00 PM to 4:00 PM.

5. **Instructor**: The session was conducted by Mr. Shiladitya Munshi, who guided students through the functionalities of Flowgorithm and demonstrated its practical applications in algorithm development and code generation.

6. **Session Highlights**
   - Introduction to Flowgorithm and its interface
   - Designing and testing flowcharts for different problem statements
   - Hands-on implementation of algorithms using Flowgorithm
   - Automatic code generation in multiple programming languages
   - Q&A session for doubt resolution

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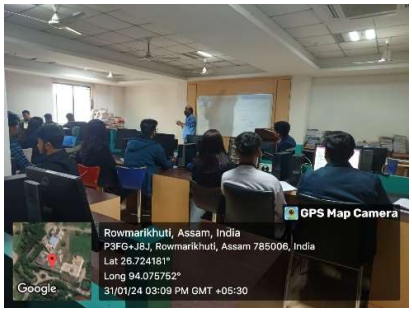
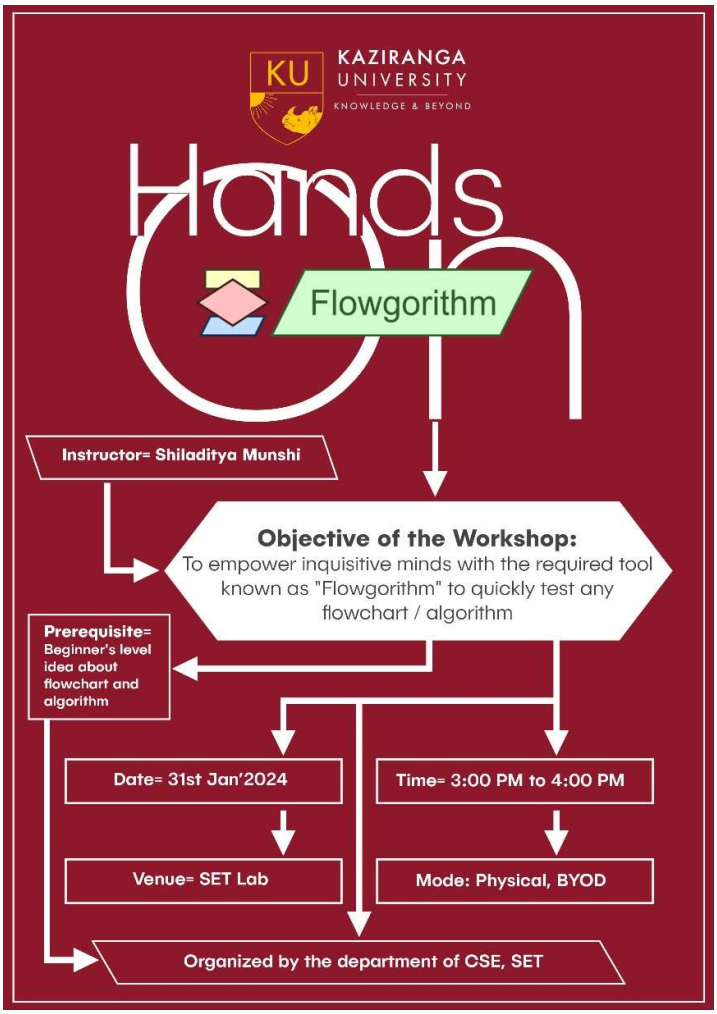
The hands-on session on Flowgorithm was highly beneficial for students, equipping them with practical knowledge and tools to enhance their algorithm development skills. The interactive nature of the workshop ensured active participation and deepened students' understanding of logic design. Moving forward, similar workshops can be organized to introduce students to advanced algorithmic tools and methodologies.

Glimpse of the Event:



Brochure of the Event:



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ONE-DAY WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS" (IPR)

On Thursday, March 28th, 2024, the Intellectual Property Rights (IPR) cell of The Assam Kaziranga University (KU), Jorhat, collaborated with ASTEC, Guwahati, and the School of Basic Sciences of KU to successfully conduct a one-day workshop on "Intellectual Property Rights" (IPR). This workshop was funded and facilitated by the Assam Science Technology and Environment Council, Department of Science, Technology, and Climate Change, Government of Assam (ASTEC). Dr. Nabajyoti Saikia, the Coordinator of the IPR Cell-KU (also serving as the Dean of the School of Basic Sciences), and Dr. Dimpal Jyoti Mahanta, the Secretary of the IPR Cell-KU (also the Head of the Department of Mathematics), coordinated and organized the event respectively. The primary objective of the workshop was to provide participants with a comprehensive understanding of intellectual property rights (IPRs).

Chief Patron: Mr. Basant Kumar Khetan, Pro Chancellor, The Assam Kaziranga University

Ms. Rainy Khetan, Pro Chancellor, The Assam Kaziranga University

Patron:Prof. P. K. Mishra, Vice Chancellor, The Assam Kaziranga University

Prof. H. Ravi Shankar Kamath, Chairperson, IPR Cell, KU (Registrar, The Assam Kaziranga University)

Coordinator: Dr. Naba Jyoti Saikia, Coordinator, IPR Cell, The Assam Kaziranga University (Professor and Dean, SBS)

Organizing Secretary: Dr. Dimpal Jyoti Mahanta, Secretary, IPR Cell, The Assam Kaziranga University (Associate Professor and HoD, Mathematics)

Participants: 100

Glimpse of the Event:

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Interdisciplinary Capacity Building Program in Collaboration with ICSSR

The School of Social Sciences at Assam Kaziranga University concluded a comprehensive Capacity Building Program for faculty members from July 8th to July 20th 2024, focusing on "Interdisciplinary Social Science Research towards Self-Reliant India". Hosted in collaboration with the Indian School of Social Sciences (ICSSR), the program aimed to enhance research skills and promote interdisciplinary collaboration among faculty members in social sciences from across the country.

The program began with a ceremonial lamp lighting by Vice Chancellor Dr P K Mishra and Registrar Dr. H. Ravishakar Kamath, alongside Deans and faculty representatives from various schools. The inaugural ceremony featured Chief Guest Manish Kumar Verma, Prof. & Dean from B.B. Ambedkar University, who delivered an inspiring speech on the significance of interdisciplinary research in modernizing and globalizing Indian social sciences. The inaugural session was also attended by invited speakers Dr. Jaikanth Tiwary, Former Dean, Banaras Hindu University, Varanasi, Dr. Rama Shankar Tripathi Professor, M.G. Kashi Vidyapeeth, Varanasi, and Dr. Sanat Kumar Sharma, Assoc. Professor, Central University of South Bihar.

Throughout the twelve-day program, esteemed speakers including Dr. Pranjal Sarma, Professor in Dept of Sociology, Dibrugarh University, Dr. Saumyajit Ray, Assistant Professor in United States Studies, School of International Studies, Jawaharlal Nehru University, Delhi, Dr. Archana Bhattacharjee, former Vice Principal and Associate Professor of Dept of English, Kakojan College, Dr. Shymnandan Chaudhary, ex ICSSR, New Delhi, former Professor of Sociology, Barkatullah University, Bhopal, Dr Upasona Sarmah, Associate Professor, Dept of Sociology, Dibrugarh University, Dr H. Ravishakar Kamath, Registrar, Assam Kaziranga University, Dr. Gyanendra Nath Tiwari, Professor and Head, Dept of Teacher Education, Nagaland University, Dr Surendra Yadav, Assistant Professor, Dept of Teacher Education, Nagaland University, Dr. Ashutosh Tripathy, Professor & HoD of Dept of Environmental Science from Nagaland University, among others, shared insights on topics ranging from philosophical dimensions of social science research to traditional and indigenous research methodologies. The following faculty members of Assam Kaziranga University, Dr Sailendra Mahanta, Prof & HOD, School of Pharmacy, Dr Saurabhi Sarmah, Associate Professor, School of Social Sciences, Ms Dorothy Buragohain, Deputy Registrar, Assam Kaziranga University, and Dr Anil. K. Bhatia , Assistant Professor, School of Business also delivered sessions on diverse topics including practical sessions on areas like preparation for NAAC accreditation, academic writing, NEP and curriculum development, data mamangemetn and efficient reference management etc.

Dr. Rakesh Rai, former dean of School of Social Sciences, and Dr. Aditya Bhatta, Associate Dean, School of Social Sciences at Assam Kaziranga University, played key roles as director and co-course director of the program. Participants from various institutes such as Mankachar College, D.A.V. PG College, Siwan, Bihar; Women's College Tinsukia; Amrita Vishwa Vidyapeetham, Tamil Nadu; Ramesh Jha Mahila College, Bihar, Sriram Chandra Sanskrit College, Odisha; BOSCO Institute, Jorhat; Cinnamara College Jorhat; Lahowal College, Dibrugarh, and Women's College, Tinsukia, UMKCollege, Majuli; Golaghat Commerce College, Golaghat; Jhanji HNS College, Sivasagar among others, joined the workshop during its duration.

The program concluded with a valedictory session chaired by Dr. Gyanendra Nath Tiwari from Nagaland University followed by a cultural program showcasing the diversity of the Northeastern region, and a vote of thanks by Dr. Aditya Bhatta. Participants from various institutions across India expressed

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gratitude for the enriching learning experience and the platform provided by Assam Kaziranga University for academic growth and collaboration.

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TWO DAYS STUDENT DEVELOPMENT PROGRAM ON AI/ML USING PYTHON & CYBER SECURITY

2nd August, 2023 – 3rd August, 2023

(Conducted by Department of Computer Science and Engineering, School of Engineering and Technology, The Assam Kaziranga University in Collaboration with NIELIT, Guwahati)

The two days of Student Development Program (SDP) has been conducted in The Assam Kaziranga University from 2nd August to 3rd August, 2023. The event was organized by the Department of Computer Science and Engineering (CSE) in collaboration with NIELT, Guwahati with an objective of delivering skill-based job-oriented courses for the students in a few emerging areas of IT & Electronics free of cost. The training has been conducted under "Capacity Building in IECT including training in Digital Skillsets and Current Industry Demanding Technologies for various sections of society in the NE States" sponsored by the Ministry of Electronics and Information Technology, Govt. of India and under the special training drive of NIELIT to skill, up-skill and re-skill youths in the emerging technologies.

Under this special capacity-building drive, NIELIT has conducted two courses- AI/ Machine Learning using Python and Cyber Security for the students from different schools of The Assam Kaziranga University on a pilot basis. The two esteemed resource persons for this workshop are Mr. Pankaj Shukla, Scientist E, Additional Director, NIELIT (Guwahati) and Mr. Mridul Pachani, NIELIT(Guwahati).

The program was inaugurated by Dr Kovuri Karthik, Dean, School of Engineering and Technology and coordinated by Mousoomi Bora, Department of CSE, SET.

Being two most demanding areas of science and technology, both the courses have gained attraction from students from diverse background of the university. To name a few, students from Computer Science & Engineering, Electronics and Telecommunication, Electrical Engineering, BCA, Health sciences, pharmacy, Mathematics have participated the hands-on workshop on AI/ML using Python & Cyber Security.

The program was conducted in two High tech computer labs from the university. The two courses are of duration 30 hours and it would be offered in hybrid mode – 2 Days of physical hands-on session followed by 3 days of online sessions. The students would be evaluated by a proctored exam and would be conducted in the KU Campus under strict supervision of NIELIT team.

Number of students participated in AI/ML using Python was 90 and number of students participated in Cyber security was 40.

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Glimpse of the Event:

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ONE-DAY HANDS-ON WORKSHOP ON "COMPUTER-AIDED DRUG DESIGN WITH BIOVIA DISCOVERY STUDIO"

Organized by: School of Pharmacy, The Assam Kaziranga University
In Association with: Internal Quality Assurance Cell, The Assam Kaziranga University and Altem Technologies Pvt. Ltd.
Date: 8th April, 2024 @09:30 am
Venue: SET Seminar Hall & Centre for Excellence in Data Science & Simulation lab

Introduction:

The one-day hands-on workshop on "Computer-aided Drug Design with BIOVIA Discovery Studio" held at The Assam Kaziranga University aimed to equip participants with practical skills and insights into utilizing computational tools for drug discovery processes. Organized by the School of Pharmacy in collaboration with the Internal Quality Assurance Cell and Altem Technologies Pvt. Ltd., the event garnered enthusiastic participation from students, faculty, and professionals in the field of pharmacy education and research.

Inaugural Session:

The inaugural session commenced at 9:30 am in the SET Seminar Hall with an opening address by Mrs. Madhuchandra Lahan, setting the tone for the day's proceedings. The ceremony began with the lighting of the lamp by esteemed dignitaries, symbolizing the commencement of the workshop.

Dr. H Ravi Shankar Kamath, Registrar of The Assam Kaziranga University, delivered the inaugural address at 9:45 am, emphasizing the importance of integrating computational tools into drug discovery processes to enhance efficiency and effectiveness.

Dr. Sailendra Kumar Mahanta, Director of IQAC, extended a warm welcome to all participants, stressing the significance of computational drug design and the role of BIOVIA Discovery Studio in advancing research and innovation in the field.

The highlight of the event was the keynote address by Dr. Dhivya Shanmugarajan, Sr. Application Scientist at Alkem Technologies Pvt. Ltd., who shared valuable insights into molecular modeling, virtual screening, and rational drug design utilizing computational tools such as BIOVIA Discovery Studio.

The resource persons, Dr. Dhivya Shanmugarajan and Mr. Sanyog Chandra, Business Development Manager at Altem Technologies Pvt. Ltd., were felicitated with fulam gamusa and mementos as tokens of appreciation for their contributions to the workshop.

The inaugural session concluded with a vote of thanks by Dr. Anil Kumar Adimulapu, Professor at the School of Pharmacy, expressing gratitude to all participants, dignitaries, and organizers for their efforts in making the workshop a success.

Workshop Sessions:

Following the inaugural session, the practical workshop on "BIOVIA Discovery Studio" commenced at the Centre for Excellence in Data Science & Simulation lab. Led by Dr. Dhivya Shanmugarajan and assisted by Mr. Sanyog Chandra, the workshop provided participants with hands-on experience in utilizing the software for molecular modeling and virtual screening.

From 11:00 am to 5:00 pm, participants actively engaged in practical exercises, applying the concepts learned during the sessions. Under the guidance of the instructors, attendees explored the functionalities of BIOVIA Discovery Studio, conducted virtual screening experiments, and analyzed molecular interactions to identify potential drug candidates.

Participant Engagement:

The workshop saw participation from a total of 40 students and 15 faculty members, indicating widespread interest and enthusiasm for the subject matter. Participants actively interacted with instructors, asking questions and seeking clarification on various aspects of computational drug design.

The event served as a platform for fostering collaboration and sharing of knowledge among participants from diverse backgrounds. Networking opportunities provided attendees with valuable insights and perspectives, enriching their learning experience.

Conclusion:

In conclusion, the one-day hands-on workshop on "Computer-aided Drug Design with BIOVIA Discovery Studio" was a resounding success, thanks to the enthusiastic participation of attendees and the expertise of the instructors. The event facilitated the acquisition of practical skills and insights into utilizing computational tools for drug discovery processes, empowering participants to contribute meaningfully to the advancement of research in their respective domains.

Moving forward, it is hoped that the knowledge and skills gained during the workshop will inspire further exploration and innovation in the field of computational drug design, driving progress towards the development of novel therapeutics and addressing unmet medical needs.

Acknowledgments:

We would like to express our sincere gratitude to the organizers, sponsors, resource persons, and participants for their invaluable contributions to the success of the workshop. Special thanks to the School of Pharmacy, The Assam Kaziranga University, the Internal Quality Assurance Cell, The Assam Kaziranga University, and Altem Technologies Pvt. Ltd. for their support and collaboration in making this event possible.

Glimpse and Flyer of the Event:

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