



GIRIJANANDA CHOWDHURY UNIVERSITY, ASSAM

Institutional Development Plan 2023-2028 (Tentative)

Main Campus:

Girijananda Chowdhury University (Guwahati Campus) Hathkhowapara, Azara, Guwahati, Assam -781017

Constituent Campus:

Girijananda Chowdhury University (Tezpur Campus) Kunderbari Road, Dekargaon, Tezpur, Assam – 784501

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Girijananda Chowdhury University, Assam

Institutional Development Plan

The Girijananda Chowdhury University, Assam was **one of the first few universities established according to the mission of the National Education Policy (NEP)-2020**. It was established on 17th October, 2022 by Act No. XLVII of 2022 of the Assam Legislative Assembly as a State Private University upgrading three premier institutes of higher learning viz. **Girijananda Institute of Management and Technology (GIMT), Guwahati, Girijananda Institute of Pharmaceutical Science (GIPS), Guwahati and, Girijananda Institute of Pharmaceutical Science (GIPS), Tezpur**. The new University received approval from the University Grants Commission (UGC) under section 2(f) on 24th November, 2022. These institutes were imparting **professional higher education in Engineering, Management and Pharmacy** in a spirit of philanthropy and social commitment since 2006 and were the first of its kind in the entire North East.

During the last 16 years of their existence, these institutes earned the reputation of quality professional education as evident in the accreditation of the various programmes by the **National Board of Accreditation (NBA)**. Presently, **B. Tech (Mechanical Engineering) and B. Pharm** programmes of the University are accredited by the National Board of Accreditation (NBA). Additionally, the Girijananda Chowdhury Institute of Pharmaceutical Sciences (GIPS), Guwahati attained National Institutional Ranking Framework (NIRF) – 2023 ranking within the 101-125 bands. The University also received **approval from AICTE and PCI (Pharmacy Council of India)** for its programmes in Engineering, Computer Applications, Management and Pharmacy from the academic session 2023-2024.

The Girijananda Chowdhury Institute of Pharmaceutical Sciences (GIPS) and Girijananda Chowdhury Institute of Management and Technology (GIMT) was awarded “Fund for Improvement of S&T Infrastructure (FIST)” from the *Department of Science and Technology* (DST), Government of India, and an *All India Council for Technical Education* (AICTE) sponsored IDEA-Lab facility apart from various research projects and fellowship from the DST, AICTE etc.

The Girijananda Chowdhury University, Assam began its academic journey from the year 2023-2024 as a Multidisciplinary Teaching-Intensive University and gradually aspires to become a Research-Intensive Multidisciplinary University over the years.

Our Educational Philosophy

Formation of the Girijananda Chowdhury University is the culmination of the vision of the Shrimanta Shankar Academy Society to extend the benefit of higher education to the students of this geographically isolated region of the country. The educational philosophy of Girijananda Chowdhury University that underpins its academic plans and programs revolves around the larger goal of harnessing the infinite potential of the young minds through imparting knowledge and skill in their chosen domains in a way that would liberate their minds from the shackles of dogmatism, orthodoxy and narrow world views. Inculcating the universal human values of empathy and equity for empowering the human being constitute the core value of Girijananda Chowdhury University.

Our Educational Premise

Girijananda Chowdhury University believes in exposing the young students to the real world enabling them to learn through critical thinking, creative problem solving, encountering with differences and enabling them to find relevance through the multiple perspectives of the world and life. The spirit of Liberal Education is the essence of Girijananda Chowdhury University’s teaching – learning framework. Girijananda Chowdhury University provides opportunities to the students in a milieu that is interdisciplinary and multidisciplinary with greater scope in choosing one’s knowledge domains according to innate aptitude, inclination and desire. In their educational journey at Girijananda Chowdhury University, the

students shall hone the skills of oral and written communication, analysis and synthesis, information and quantitative literacy, reasoning and logic, critical thinking, creative problem solving, global competence and citizenship, ethics, etc. The pedagogy at Girijananda Chowdhury University is student-centric and is through dialogic learning with emphasis on the holistic development of the student.

The University shall put special emphasis and focus on quality Teaching-Learning and Research activities and ensure that Quality Assurance Mechanism is in place from its inception.

Enclosed below is an Institutional Development Plan (IDP) of the Girijananda Chowdhury University, Assam, prepared as per the UGC guidelines:

Annexure- 1 List of Physical Infrastructures

Sl. No.	Types of Physical Infrastructures	Existing at GCU	Proposed plan for 2 to 3 years in GCU
1.	Smart Campus	<p>The campus is 24/7 monitored with personnel security members. The on-campus residential facilities are also monitored. At the main entrance and exit points, check points are put in place. Some others best practices and facilities available include:</p> <ul style="list-style-type: none"> • GCU Campus boasts a comprehensive network of 180 high-resolution surveillance cameras from various brands, including DAHUA, CP Plus, and BOSCH. • Ample parking facility • Portals for class timetables and resources • Navigating signs • On-campus ATM facility • On-campus stationery shops • On-campus medical facility • On-campus pharmacy facility with registered 	<p>The proposed future plan for a smart campus at GCU encompasses:</p> <ul style="list-style-type: none"> • Centrally air-condition facility • Smart classrooms with advanced technologies. • Smart buildings • Smart lab-based research • Smart parking facilities with eco-friendly in-house transportation facilities. • Smart facilities for differently-able. • Smart surveillance system. • Smart and sustainable energy system.

		<p>pharmacists available 24/7.</p> <ul style="list-style-type: none"> • Fluorescent guiding strips for emergency exits • 24/7 power back-up • Campus wireless and connectivity. • Administrative process automation • Enterprise resource planning (ERP) integrated management • Academic Bank of Credit (ABC) facility available • National Academic Depository (NAD) facility available • Digital library • Drinking water dispensers for all students and staff • Water pond for aquatic life • Plantations 	
2.	Green/Sustainable building	<p>GCU believes in Green/Sustainable campus. Currently we have the following on campus:</p> <ul style="list-style-type: none"> • Solar panel enabled campus • Recycling of brick-kilns for construction of buildings to omit carbon emissions. • Renewable energy with roof-top solar power system. • Recycled water pond for aquatic life preservation • Paperless office • Zero plastic use 	<p>Over the next three years, Girijananda Chowdhury University envisions a comprehensive green and sustainable building initiative aimed at creating an environmentally responsible and forward-thinking campus. This plan encompasses several key components, such as:</p> <ul style="list-style-type: none"> • Sustainability Assessment • Launching Awareness Campaigns • Incorporate cutting-edge green technologies such as rainwater harvesting systems, and energy-efficient HVAC systems. • Develop and implement green building certification programs •
3.	Infrastructure to commute	<p>The current infrastructures for commuting at GCU includes:</p> <ul style="list-style-type: none"> • Separate parking sections for two-wheelers and 	<p>In the future, we aim to improve these facilities:</p> <ul style="list-style-type: none"> • Improved walkways, and street signs. • Eco-friendly Commute Options like bicycle paths

		<p>four wheelers.</p> <ul style="list-style-type: none"> • Allotted spaces for staff parking • Allotted spaces for student parking • Navigating signs/glow sign boards • The entire university buildings are accessible to the PwD. Curb ramps are put in place. • Elevators are large enough to accommodate PwD with wheelchairs and stretchers for medical emergencies. 	<p>and battery-powered vehicles, reducing the carbon footprint.</p> <ul style="list-style-type: none"> • More accessibility for Differently-Abled
4	Administrative Block (Admission & Counselling Area)	<ul style="list-style-type: none"> • Separate admission cell with adequate space to accommodate around 100 people at a time. • Admission counselors guide students for their career path in separate cubicles. • Different departments/schools of studies have been provided with separate space / floors / buildings. 	<ul style="list-style-type: none"> • Layout of the block to accommodate various administrative functions, waiting areas for students and parents, and counseling offices. • Incorporation of modern amenities like digital kiosks, comfortable seating, and informational displays.
5	Library/ Digital resource centre	<p>The present library at GCU, known as the Bina Chowdhury Memorial Central Library, spans 5,930 square feet. Additional information about departmental libraries is provided in Annexure A.</p>	<ul style="list-style-type: none"> • Infrastructure Enhancement and expanding the existing space to accommodate more students and resources comfortably. • Invest in ergonomic furniture, modern reading areas, and study pods • Implement advanced library management software for efficient resource tracking and lending operations. • Digital Resource for a wider range of e-books, journals, and research databases. • Implementing a robust Wi-Fi network and increasing the number of computer terminals • Community Engagement and Outreach programs • Stronger online presence.
6.	Lecture Complex, Classrooms, Tutorial rooms	<ul style="list-style-type: none"> • 50 numbers of classrooms with adequate space as specified by regulatory bodies are available with access to PwD students. 	<ul style="list-style-type: none"> • One multimedia studio is being prepared to enable video recording of class lectures/recording of audio-visual lectures.

		<ul style="list-style-type: none"> • Faculty cubicles and meeting rooms available in departments are sufficiently comfortable for discussion and counseling of students as and when required. • Lecture complex are available with different size and varying accommodation from 50-200 capacity. 	<ul style="list-style-type: none"> • Expand the existing Lecture Complex to accommodate larger student capacities, ensuring modern, well-ventilated, and technologically-equipped lecture halls. • Classroom Modernization: Refurbish existing classrooms with state-of-the-art audiovisual facilities, and adaptable layouts to promote interactive learning experiences. • Incorporate sustainable design elements, such as energy-efficient lighting, natural ventilation, and green spaces within the complex • Accessibility: Ensure all lecture halls and classrooms are accessible to individuals with disabilities, promoting inclusivity and diversity. • Technological Integration: Implement advanced digital learning tools and platforms in classrooms • Prioritize safety with fire detection systems, emergency exits, and first-aid facilities • Design flexible spaces that can adapt to various teaching methodologies, encouraging innovation in pedagogy. • Enhance the aesthetics of the Lecture Complex and classrooms to create an inspiring and motivating learning environment. • Establish a feedback mechanism for students to continually assess the quality of the learning spaces, allowing for iterative improvements.
7.	Examination branch	<ul style="list-style-type: none"> • Separate examination cell with adequate space is available in the administrative building. • Three strong rooms are available to accommodate confidential materials which are under CCTV surveillance. 	<ul style="list-style-type: none"> • One complete floor in the administrative building will be designated as Examination Cell in near future to accommodate all necessary sections of examination related work.

8.	Facilities to Faculty and Staff	<ul style="list-style-type: none"> • Separate seating space/cubicles/chambers with well furnished bench & table, computers, printers, LAN connection and Wifi are provided for each faculty member and staff. • Most of the faculty rooms are also equipped with Air conditioners. • Refreshment canteens are available. • One guest house is available in the Tezpur campus to accommodate guests. 	<ul style="list-style-type: none"> • All faculty/staff seating space/cubicles/chamber will be provided with Air Conditioner in near future. • One state-of-the-art guest house is planned to be set up in Guwahati campus. • Develop 2-3 bedroom residential facilities or quarters within the campus to accommodate resident faculties and staff members.
9.	Meeting rooms	<ul style="list-style-type: none"> • Meeting rooms are available in the departments for regular faculty and staff meetings. Portable projectors and smart LED TV for video conferencing are also available for use in the rooms. • Departmental meeting rooms are well equipped with either Smart LED TV or projector. 	<ul style="list-style-type: none"> • Renovate existing meeting rooms and construct new ones • Equip all meeting rooms with state-of-the-art electronic communication and presentation equipment, including audio-visual systems, video conferencing tools, and interactive whiteboards, to facilitate effective virtual and in-person meetings.
10	Office Rooms	<p>A number of office rooms are available in the university which include:</p> <ul style="list-style-type: none"> • Offices for various Administrative work including chancellor, vice-chancellor, registrar, academic registrar. • Examination office • Offices for Principal/Dean/HoD's • Human resource office • Offices for accounts and finance • Research and Development office • Admission office. • Student's affair office • Offices for security personnel's • Office for counseling and health services • Alumni office • Office for Information technology 	<p>Following are our future perspective for upgrading the office:</p> <ul style="list-style-type: none"> • Equip with necessary infrastructure to accommodate differently-abled individuals, promoting inclusivity within the university's administrative areas. • Technology Integration of modern technology solutions such as video conferencing facilities, high-speed internet, and smart office equipment to enhance productivity and communication. • Create aesthetically pleasing office spaces. • Ensuring the security and privacy of sensitive information. • Sustainability features will be incorporated, including energy-efficient lighting and HVAC systems, as well as waste reduction initiatives. • Regular feedback from staff will be sought and incorporated into the plan to ensure that the office rooms

11	Laboratories and Research Centres	<ul style="list-style-type: none"> • The university boasts fully furnished and adequately equipped laboratories across various schools and departments, facilitating hands-on practical and workshop experiences as part of the students' curriculum. • The laboratories are equipped with modern facilities, equipments and instruments required to execute the program curriculum. (Annex-B) • Several departments have attained research excellence and established research centers through funding obtained from organizations such as ACITE (MODROBs & RPS), TEQIP III, AICTE-IDEA, DST-FIST, ASTEC, and others. These resources are made available to our students to nurture hands-on skills and encourage lifelong learning for research purposes. 	<p>meet their evolving needs and preferences effectively.</p> <ul style="list-style-type: none"> • Pursuing additional government funding through the submission of more Extramural projects to expand and establish cutting-edge laboratories and advanced research centers. • Establish specialized research centers and incubation cell for promoting and attracting consultancy projects from the stakeholders and industries. • Establishing more research centres including: <ul style="list-style-type: none"> ➤ Technology and Innovation Centers ➤ Policy and Social Research Centers ➤ Business and Economic Research Centers ➤ Education Research Centers ➤ Language and Linguistics Research Centers ➤ Interdisciplinary Research Centers ➤ Others
12	Computer Centre/Multimedia Studios	<ul style="list-style-type: none"> • The campus features a computer center with more than 200 capacities that serves the dual purpose of facilitating regular laboratory activities and supporting research endeavors. All the computers in the center are equipped with internet access through LAN and Wi-Fi, along with the latest licensed software and Windows operating systems. • The School of Pharmaceutical Sciences has access to a computer-aided drug design (CADD) facility equipped with Discovery Studio software. The lab was funded by AICTE. This resource is available for bioinformatics research and development. • The computer centers at GCU have consistently offered consultancy services for administering examinations in a wide range of sectors, including 	<ul style="list-style-type: none"> • Expansion of the Computer Centre is in plan to accommodate more students. • One multimedia studio is being prepared to enable video recording of class lectures/recording of audio-visual lectures etc. Such multimedia studio shall be equipped with <ul style="list-style-type: none"> ➤ High resolution cameras and microphones ➤ Lighting equipments ➤ Green screen, backdrops and make up area ➤ Video switcher and Video recorder ➤ Audio interfaces ➤ Editing softwares ➤ Graphis and animation softwares ➤ Telepromoter and teleprompter ➤ Soundproofing and Acoustic Treatment ➤ Intercom systems

		JEE, UGC-NET, CUET and other government and non-government organizations.	
13	Cafeteria/Dining Room/Mess Facility	<ul style="list-style-type: none"> • Cafeteria is available with Area 736.82 Sq.M in Guwahati campus and 250 Sq.M in Tezpur campus. • One NesCafe coffee house is available on campus. • One bakery outlet is available within the Cafeteria space. • Separate dining rooms for the borders of hostels are available. • The kitchen hygiene is maintained for delivering quality foods to students and other stakeholders. 	<p>The proposed plan for the Cafeteria/Dining Room/Mess Facility at Girijananda Chowdhury University includes:</p> <ul style="list-style-type: none"> • The cafeteria space will be provided with Air Conditioner for comfortable dining. • One 24/7 coffee house is planned to be set up within the campus for the in house students. • Equip the facility with state-of-the-art cooking apparatus • Ensure the preparation of food with high quality, cleanliness, and hygiene standards. • Implement a nutrition-conscious menu to cater to the diverse dietary needs of students and staff, promoting healthier eating habits. • Introduce eco-friendly practices such as waste reduction, recycling, and energy-efficient appliances.
14	Games & Sports facility	<p>Sports and gymnasium facility available at GCU campus are:</p> <ul style="list-style-type: none"> • 1 playground of 80500 square feet is used for Athletics, Football and Cricket purposes. • Indoor Sports Facilities of 8250 square feet including gymnasium. The Indoor stadium consists of 3 badminton courts- (44ft x 22 ft), 1 squash court, 3 Table tennis court (30ft x 30 ft), Common rooms for both boys and girls(400 sq.ft each). • Volley ball Court 	<p>Future prospect for games and sports facility at GCU include:</p> <ul style="list-style-type: none"> • Basketball Court construction. • Implementation of a top-notch swimming pool facility, enhancing aquatic sports opportunities on campus. • Establishment of a spacious playground and indoor stadium. • Construction of a modern gymnasium and workout center • Development of a stadium with advanced technology and facilities, offering a versatile venue for various sporting events and gatherings. • Creation of a modern indoor stadium with a multi-purpose arena, providing a versatile space for indoor sports, cultural events, and gatherings.
15	Auditorium and	Currently, the university has the following facilities:	The university is in the process of expanding its facilities,

	conference rooms	<ul style="list-style-type: none"> • 01 Central Auditorium with >500 capacity well equipped with a multipurpose stage, sound system and sound absorber, lighting system, seating system, air-conditioned, projector etc. • 04 Seminar Hall with capacity ranging from 50-200 well equipped with LCD projector, sound system and air-conditioned. • 02 Conference room with capacity ranging from 25-50 well equipped with LCD projector, sound system and air-conditioned. 	<p>which includes the addition of a new auditorium and conference rooms. The plan involves constructing a spacious auditorium capable of accommodating a substantial audience, along with a series of conference rooms of varying sizes to cater to the diverse needs of the institution. These facilities will not only provide students and faculty with essential spaces for academic and cultural events but also serve as venues for hosting conferences, seminars, and workshops. The university aims to enhance its infrastructure to facilitate a wide range of activities and gatherings, thereby enriching the academic and intellectual environment on campus.</p>
16	Hostels	<ul style="list-style-type: none"> • Separate block for on-campus Boys Hostel with warden. • Separate block for on-campus Girls Hostel with warden. • Accommodation available for research scholars (male and female) at the hostel. • 	<ul style="list-style-type: none"> • Accommodation to be prepared for international students/guests/scholars/visitors. • The university is currently planning to enhance its hostel facilities in the coming years. • Establish research scholars hostels equipped with contemporary facilities, meeting the desirable requirements for a conducive research environment. • Development of international student hostels to create a diverse and inclusive environment for students from around the world. • Aim to foster cross-cultural interactions and provide a global perspective to the university's educational ecosystem.
17	Parking	<ul style="list-style-type: none"> • An open parking space is available in the university campus to meet the needs of all stakeholders. • Visitor parking space is also available. • All parking spaces are well equipped with CCTV camera, proper lighting and security guard system. 	<ul style="list-style-type: none"> • Basement parking facility in every major building of the university including boy's hostels is under planning for extra parking spaces to accommodate a larger number of vehicles for students and employees. • Introduction of a Parking Management System: To optimize parking space and enhance user experience, a modern parking management system will be implemented.

			<ul style="list-style-type: none"> • Promotion of Sustainable Transportation to encourage sustainable transportation options. • Promotion of carpooling, biking, and the use of electric vehicles, along with designated parking areas and charging stations for electric vehicles. • Work on improving pedestrian pathways and access to parking areas. • Regular inspections, lighting upgrades, and security measures will be in place to create a secure environment. • A feedback mechanism will be established to gather input from users
18	Exhibition Hall	<ul style="list-style-type: none"> • Currently there is no well furnished exhibition hall available in the campus. • The university exhibition activities like conference poster presentation were conducted in empty spaces available in the hall ways, corridor and workshops. 	<p>Future preparation of exhibition hall is on the way which shall included the following features:</p> <ul style="list-style-type: none"> • Renovate to create a modern and flexible space capable of accommodating a wide range of academic, vocational, and skill development activities. • The renovated hall will serve as a versatile venue, equipped with advanced technology and infrastructure to support exhibitions, seminars, workshops, and other educational events. • Introduce collaborative areas for students and faculty to brainstorm and innovate, fostering a culture of creativity and academic excellence. • The exhibition hall will be equipped with state-of-the-art digital displays, interactive screens, and high-speed internet connectivity to facilitate multimedia presentations and virtual learning experiences.
19	Guest Accommodation	<ul style="list-style-type: none"> • One university guest house is available in the Tezpur campus to accommodate guests for multipurpose gesture. 	<ul style="list-style-type: none"> • State-of-the-art Guest house/ accommodation is planned to set up in Guwahati campus. • Ensuring accessibility for all, including individuals with disabilities, through the incorporation of

			<p>ramps, elevators, and other necessary accommodations.</p> <ul style="list-style-type: none"> • Sustainable and eco-friendly features will be integrated, such as energy-efficient lighting, water-saving fixtures, and eco-conscious materials, to promote environmental responsibility.
20	Commercial Shops/centers	<ul style="list-style-type: none"> • One on-campus Stationery shop available • One on-campus Photocopy shop available • One on-campus Pharmacy store with registered pharmacists registered under Pradhan Mantri Jan Aushadhi Kendra. • One NesCafe coffee house is available on campus. • One bakery outlet is available within the Cafeteria space. • One on-campus ATM services are available. 	<p>For future prospects, the university have planned to establish various on-campus commercial shops & centres including:</p> <ul style="list-style-type: none"> • Book store • Convenience and groceries store • Postal services • Fitness centres • Tech stores and repairing centres • Laundry facilities • Salon and Barber facilities • Gift shops • Food court • Others
21	Health and wellbeing	<ul style="list-style-type: none"> • 24/7 on campus medical facility with registered medical practitioner, a registered nurse and a councilor is available and providing free services to the students and employee of the university. • The university is having a 24/7 emergency unit well equipped with ambulatory services. • Student well being and recreation facility such as Playground, Indoor stadium, Music room, Gymnasium, Cultural activity room, Central Auditorium are also available to engaged students and employees in physical well being and good health. 	<ul style="list-style-type: none"> • Establishment of a modern 24/7 dispensary or hospital that provides comprehensive inpatient and outpatient services to cater to the health needs of students, faculty, and staff. • Establishment of fitness centres, yoga and meditation centres with a qualified trainer. • Establishment of disability services and recreational centres. • Establishment of peer support and counselling centres. • Establishment of dietary services stations.
22	International student centers	<ul style="list-style-type: none"> • Currently there are no international student centers available in the university premises. 	<ul style="list-style-type: none"> • The university is planning to establish a separate cell for international student affairs related to admissions

		<ul style="list-style-type: none"> • However, the university has started two international courses namely Japanese and French. 	<p>and other procedures related to international students.</p> <ul style="list-style-type: none"> • Enhancing Cultural Exchange Programs: Promoting cultural diversity by organizing regular events, workshops, and seminars to foster cross-cultural understanding and interaction among students. • Strengthening Academic Support: Providing tailored academic assistance and resources to ensure international students excel in their studies and feel fully integrated into the university community. • With the international student centres, the university shall provide facilities such as visa and immigration support, academic support, housing assistance, legal and financial assistance, health services, language support, student advocacy, peer mentoring support, international student identity, travel and transportation support and emergency assistance.
23	Incubation centre and Research park	<ul style="list-style-type: none"> • Several university departments, including Pharmacy, Computer Science and Engineering, and Mechanical Engineering, are engaged in numerous research projects funded by various organizations, such as ACITE (MODROBs & RPS), TEQIP III, AICTE-IDEA, DST-FIST, ASTEC, and more. These departments possess self-sustained resources and research facilities that resemble a research park, and they are accessible to our students, promoting practical skills development and a lifelong commitment to research endeavors. • The state-of-art facilities research laboratories and research equipments available in the university campus are incorporated for consultancy services 	<p>Following future plans shall be incorporated for developing the university incubation centre and research park:</p> <ul style="list-style-type: none"> • Developing cutting-Edge Infrastructure: Developing state-of-the-art facilities equipped with advanced laboratories, co-working spaces, and technology hubs to support research endeavors. • Developing Industry Partnerships: Forging strong partnerships with leading industries to establish in-house R&D units, promoting knowledge transfer, and fostering technology development • Establishing Incubation centre and Support: Offering comprehensive incubation support to startups, including mentorship, funding opportunities, and access to resources to nurture entrepreneurial ventures. • Encouraging faculty and student research through

		<p>thereby attracting collaborators for developing research networking and promotions.</p>	<p>grants, scholarships, and incentives, enabling groundbreaking discoveries and publications.</p> <ul style="list-style-type: none"> • Community Engagement by engaging with the local community and addressing regional challenges through research and innovation, contributing to the socio-economic development of the region. • Implementing skill development programs to equip students and professionals with cutting-edge skills, making them industry-ready. • Establishing international partnerships and collaborations with renowned universities and research institutions to promote cross-cultural knowledge exchange and global research contributions. • Integrating sustainability into research and incubation activities, promoting eco-friendly practices and solutions. • Evaluate and adapting the plan to align with emerging trends, technologies, and the evolving needs of the academic and entrepreneurial community.
24	Botanical Park/Garden	<ul style="list-style-type: none"> • A well established Medicinal Plant Garden (>4000 sq. feet area) under the Department of Pharmacognosy, School of Pharmaceutical Sciences is available for supplying medicinal plants and herbs for practical and research related works. The botanical garden is equipped with a green house for maintenance of young seedlings. More than 80 medicinal herbs were grown in the botanical garden. 	<ul style="list-style-type: none"> • The university has strategic plans to extend the Botanical Park and gardens across the entire campus in the future, aiming to enhance the overall campus aesthetics and beauty. • In commemoration of World Environmental Day, the university intends to increase tree and flowering plant planting efforts as part of its commitment to preserving and conserving plant diversity.
25	Vocational Education, Training and Skilling infrastructure	<ul style="list-style-type: none"> • The university has set specific infrastructure prerequisites to support vocational education, training, and skill development funded by AICTE-IDEA Lab (see Annex-C), the Central Workshop (Annex-D), DST-FIST Lab(Annex-E), and a pilot-scale laboratory for pharmaceutical formulation 	<p>Ensuring sufficient, well-equipped building spaces with the latest machinery, tools, and technology labs to facilitate hands-on skill development integrated into the curriculum, the university plans to execute future cutting-edge amenities and resources within the infrastructure for vocational education, training, and skilling typically</p>

		<p>development. These well-equipped facilities are designed to offer skill-based training to undergraduate, postgraduate, and Ph.D. scholars, facilitating their curriculum and research endeavors.</p>	<p>encompass the following features:.</p> <ul style="list-style-type: none"> ➤ State-of-the-Art Laboratories: Equipped with modern equipment and technology to facilitate hands-on learning and practical skill development in various fields. ➤ Smart Classrooms: Technologically advanced classrooms with audiovisual equipment and interactive tools to enhance the learning experience. ➤ Simulation Centers: Virtual and physical simulators to provide real-world training experiences in a safe and controlled environment. ➤ E-Learning Platforms: Online learning systems and resources for remote and self-paced learning. ➤ Industry-Specific Workshops: Workspaces tailored to industry needs, such as automotive workshops, construction sites etc. ➤ Specialized Equipment: Advanced machinery, tools, and equipment relevant to the specific vocational training offered. ➤ Robotic Labs: Facilities for training in robotics and automation technologies, including robot programming and operation. ➤ Computer Labs: Equipped with the latest software and hardware for technical and computer-based training. ➤ Research and Development Centers: Facilities for applied research and innovation, enabling students to work on real-world projects. ➤ Technical Libraries: Extensive collections of books, journals, and digital resources focused on vocational subjects. ➤ Collaborative Spaces: Areas for group work, brainstorming, and project collaboration.
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Annexure-2 List of Digital Infrastructure

Sl No	Types of infrastructure digital	Existing at GCU	Proposed plan for 1 to 2 years in GCU
1.	Internet usage	<p>Total 3 internet connections are available within the university premises with the following details:</p> <ul style="list-style-type: none"> ➤ BSNL 200 Mbps bandwidth Leased line ➤ M-Net 10 Mbps bandwidth Leased line ➤ M-Net 2 Mbps bandwidth Leased Line <p>Physical internet facility is made available in the hostels for borders.</p>	Based on requirements, the speed of internet connection will be increased.
2	Website	<ul style="list-style-type: none"> • The university website is accessible and operational, with a dedicated webmaster ensuring its maintenance and updates as needed. • For details please visit www.gcuniversity.ac.in 	<ul style="list-style-type: none"> • Secure the website even more by improving cyber security. • Increase traffic of the website • Increase outreach • Make it user-friendly and keep it updated
3.	Online Messaging stakeholders' groups	<ul style="list-style-type: none"> • The online messaging system to various stakeholders was currently executed via. a conventional whatsapp and e-mailing platform which is used for official communications. • The university has recently acquired the ERP system (ACADEMIA) which is under maintenance. The ERP system will empower the university to efficiently distribute information among various stakeholders through SMS and email communication. Additionally, it facilitates the targeted dissemination of information to specific stakeholders as needed. 	<p>Over the next three years, the university will improve online messaging and develop an inventory control system for better and ease of communication with the stakeholders. This involves:</p> <ul style="list-style-type: none"> • Enhanced Interface: User-friendly platform. • Customized Channels: Tailored for different groups. • Real-time Updates: Instant notifications. • Feedback System: Input from stakeholders. • Security: Data protection measures. • Training: Support and user education. • Integration: Seamless data sharing. • Scalability: Ready for future growth.
4	Online Blogs & sites for every course	<ul style="list-style-type: none"> • Currently, the information related to academic and non-academic purposes is circulated and disseminated through website, email and whatsapp 	With the activation of the university ERP system and multimedia studio, the university plans to disseminate all sort of information related to online blogs and subject

		<p>platform.</p> <ul style="list-style-type: none"> This practice was done to distribute information like course materials, question banks, announcement, discussion forums, resources, assignments, course updates, supplementary learning etc to our students. 	<p>matter. This will promote scientific inventory control and management system to enhance the process of information distribution of materials within the campus.</p>
5	Wi-Fi Campus	The campus is fully Wi-Fi enabled with 40 router and access points.	Depending on necessity, access points will be increased to reach every corners of the campus
6	Online Study material	The university is still following the conventional platform for sharing online study material using whatsapp, email and library facilities to their students.	Upcoming ERP system and multimedia studio will facilitate the creation of audio - visual study materials in the near future.
7	Digital Library	<ul style="list-style-type: none"> Currently the university Central library adopted the D-Space software for operating the digitalization of contents. DELNET digital resources are available at the university central library. Digital Question bank for all academic years is available in the university website library section. Digital news bulletin is available at the university library. Digital audio podcast is initiated and updated in the university websites. UG and PG thesis and dissertation are available at the university library digital bank. 	<p>For future plan the university library aims to develop and upgrade its digital library facilities following:</p> <ul style="list-style-type: none"> Expand the collection with diverse digital resources. Implement advanced search and remote access. Offer digital literacy training. Ensure data security and backups. Integrate library resources into the curriculum. Seek user feedback for continuous improvement. Subscribing to E-Journals from reputed publishers for assisting R&D activities to the students and scholars.
8	Digital Publication	<ul style="list-style-type: none"> Currently, the university has regularly published a digital News Bulletin to apprise the stakeholders about the updates of the university and the same are made available through university website. The bulletin was published in website, social Medias like facebook, LinkedIn etc. Printing of question papers and other materials are done inside the campus only. For the same, 	<p>Future plan for digital publication includes publishing:</p> <ul style="list-style-type: none"> E-magazine, E-books, academic journals, blogs, digital catalog and brochures, digital annual reports, online art and photography magazines etc. Based on the research activities and research conclaves held, journal proceedings will be published.

		one high speed RISO printer had been procured.	
9	Paperless office	With the implementation of the ERP, the university strives to incorporate a paperless free campus which has been in practice presently.	More future advancement for implementing paperless campuses shall involve strategies including: <ul style="list-style-type: none"> • Digitize existing documents. • Implement digital workflow systems. • Provide staff training. • Establish cloud storage. • Enforce paper reduction policies. • Introduce e-signatures. • Monitor progress and gather feedback • Promote sustainability
10	Paperless exams	Paperless exam is still not yet in practice in the university premises.	May be implemented in the future depending on the UGC guidelines.
11	Online Evaluation	Online evaluation system is still not yet in practice in the university premises.	May be implemented in the future depending on the UGC guidelines.
12	Website based result announcement	<ul style="list-style-type: none"> • The announcement related with results disclosure of various semesters is in practice and information is available in the university website. • Recently, in connection with Ph.D. admission process and examination, all sort of communications made with the student's results was done via. Announcement website. • A separate space for Examination and related matters are provided in the university website for publication of result and other necessary information related to examination. 	Future implementation: <ul style="list-style-type: none"> • Improve website interface for easy result access. • Ensure real-time result updates. • Enhance mobile compatibility. • Strengthen data security. • Establish a feedback system. • Ensure accessibility and multilingual support. • Streamline the result-checking process. • Provide staff training for accuracy. • Commit to regular system updates
13	NAD markscards Facility	The university has already registered in NAD portal with ID NAD061574.	The proposed plan for the NAD marks cards facility includes: <ul style="list-style-type: none"> • Expanding infrastructure to accommodate increased demand for marks card processing. • Implementing an efficient digital record-keeping system for streamlined operations. • Enhancing data security measures to protect

			sensitive student information
14	Online admission test	Currently, the university is following offline based admission test through Girijananda Chowdhury University Research Entrance Test (GCU-RET) for Ph.D. admission and Girijananda Chowdhury University Common Admission Test GCU-CAT for UG and PG admission.	<ul style="list-style-type: none"> From the next academic session, it is planned to implement an online admission test for admission into different programmes of study.
15	Education ERP	The university ERP (Academia) was procured recently which was developed by Serosoft. Proper data entry and training is being carried out for seamless accessibility of information by all stakeholders. Separate log in portal is available for faculty members, students and parents.	<p>Implement an Education ERP system to streamline administrative processes and enhance the learning experience. This plan includes:</p> <ul style="list-style-type: none"> System Integration: Integrating the ERP system with existing university databases and platforms for seamless data flow and access Digital Learning: Expanding online course offerings and developing interactive digital resources to support remote and blended learning. Student Portal: Launching a user-friendly student portal for course registration, grade tracking, and communication with faculty. Automated Admissions: Implementing an automated admissions process to simplify enrollment for both students and staff. Faculty Development: Providing training and resources for faculty to effectively utilize the ERP system for course management. Data Analytics: Utilizing data analytics to monitor student performance, identify trends, and improve academic support. Mobile App: Developing a mobile app for students and faculty to access ERP features on the go. Security Measures: Enhancing data security and privacy protocols to protect sensitive information. Feedback Mechanism: Establishing a feedback

			<p>mechanism to gather input from users and make continuous improvements</p> <ul style="list-style-type: none"> ● Sustainability: Ensuring the long-term sustainability of the Education ERP system through regular maintenance and updates.
16	Plagiarism software facility	<ul style="list-style-type: none"> ● Urkund software for plagiarism check was available in the School of Pharmaceutical Sciences, Girijananda Chowdhury Institute of Pharmaceutical Science, GCU. ● The software was incorporated as per the guidelines of UGC to screen documents including research manuscript, thesis and other scientific documents. 	<ul style="list-style-type: none"> ● Future plan was to procure a more sophisticated software system that supports both Research publication and dissertation of the students. In this context, the university plan to purchase Turnitin which is a more advance software for anti-plagiarism checker.
17	Online digital magazine & Student publication	Currently, no online digital magazine was established in the university. The conventional hard copy magazine was published and is still in practice.	<ul style="list-style-type: none"> ● Since, the university aims to follow paperless efforts, hence the future prospects of publishing a digital magazine and student's publication will be implemented and this will be made available for mandatory disclosure on the university website.
18	Online placement (Project, internship, & final)	<ul style="list-style-type: none"> ● The university has a well established Training and placement Cell with a Training Officer. ● The T&P cell provides 100% placement and internship assistance to the students and the process is executed both in online and offline mode. ● Students are encouraged to undergo online internships being provided by leading corporate houses/industries of India. ● Students are groomed for both online and offline interviews. 	<ul style="list-style-type: none"> ● Collaborations with industries/corporate houses which offer online internships, placements. ● Emphasis will be put to digitally empower all students from various backgrounds. ● All the relevant data and information may be stored using the ERP system of the University for future reference in NBA and NAAC accreditation process
19	Video documentation of each course & each College	<ul style="list-style-type: none"> ● Currently, even though few of our faculties have practice the teaching-learning process using social platforms for easy learning to outcome based education; the real scenario of actual video documentation of courses has not been implemented. 	<ul style="list-style-type: none"> ● With the implementation of our future multimedia studio and ERP, the university will be able to prepare and enable video recording of lectures/recording of audio-visual study materials for student support system. ● Implement a comprehensive video documentation plan on online public platforms. The plan will focus on:
20	Video	<ul style="list-style-type: none"> ● Presently, while a handful of our faculties have 	

	<p>documentation on Online public platforms</p>	<p>adopted social platforms to facilitate the teaching and learning process, with a focus on achieving outcome-based education, the practice of recording and sharing course content through public online platforms has not been put into action.</p>	<ul style="list-style-type: none"> ✓ Content Diversification: Expanding the range of video content to include lectures, seminars, workshops, and campus events to provide a holistic view of university life. ✓ Technology Upgrades: Investing in upgraded recording equipment and software to ensure high-quality video production and live streaming capabilities. ✓ Audience Engagement: Implementing interactive features like live Q&A sessions, polls, and comment moderation to enhance viewer engagement and feedback. ✓ Accessibility: Ensuring that all videos are captioned and have transcripts for accessibility purposes, making content inclusive for all. ✓ Promotion: Actively promoting the university's online presence through social media and other platforms to reach a wider audience and increase viewership. ✓ Feedback Integration: Regularly gathering feedback from viewers and stakeholders to make continuous improvements and meet evolving needs. ✓ Data Analytics: Using analytics tools to track viewer behavior and preferences, aiding in content customization and strategy refinement.
21	<p>Social Media based promotions</p>	<ul style="list-style-type: none"> • Our university consistently conducts online information announcements and promotions by distributing information across multiple social media platforms, such as Facebook, Twitter, Instagram, LinkedIn, and through the university's official website. • Updated information related to promotional 	<p>For future prospects, the university plans to boost its social media promotions through the following strategy:</p> <ul style="list-style-type: none"> • Personalization and Artificial intelligence (AI) • Video content and live streaming for promoting virtual campus tour, interactive Q&A sessions and many more. • Augmented Reality (AR) and Virtual Reality (VR) to

		<p>events, functions, seminars, conferences, workshops and achievements were disclosed through social media platforms.</p> <ul style="list-style-type: none"> • All the events GPS tagged and are also documented through visually captivating photos, videos and reels which are meticulously crafted and regularly updated on the respective social media pages. • Exclusive Spotify page created for learners to gain access through the medium across the globe. 	<p>enhance the immersive experience of prospective students by allowing them to explore campus virtually and participate in virtual events.</p> <ul style="list-style-type: none"> • Chatbots and Virtual Assistants to provide instance response to inquiries. • Integration with CRM Systems: Integrating social media data with customer relationship management (CRM) systems will provide a holistic view of student interactions and preferences.
22	Use of ICCT underlying technologies like AI,BA,CC,DS,MB , OC,VR&AR	<p>Currently AI technology is used in research based projects using different AI, CC etc., based technologies.</p> <p>Government sponsored projects under AICTE, ASTEC, TEQIP are implemented using AI technologies.</p> <p>A project on the classification and verification of Assam Silk Fabric was implemented using AI technologies under a created AI based lab set-up.</p> <p>Collaborative research is ongoing with North East Cancer Hospital and Research Institute (NECHRI) using advanced AI techniques and technologies to resolve their issues related to treating cancer.</p> <p>Collaborative research is also ongoing with AAU-Assam Rice Research Institute, Titabor, using AI technologies to increase rice productivity and sustainability of high yielding rice varieties.</p>	In future, GCU will collaborate with more organisations to implement ICCT underlying technologies.
23	Studio for video online classes	<ul style="list-style-type: none"> • Currently, there is no studio for video online classes available at the university premises. 	The multimedia studio is currently in the planning stage with the aim of facilitating faculty members in creating video recordings of classroom lectures and producing audio-visual study materials.

24	Video conference facility	<ul style="list-style-type: none"> • Video Conference facility with Logitech Rally Plus system and LG 86” smart display system is available for use in the university campus. • Portable web cameras are available for the departments. • Smart LED TV with video conferencing facilities are available. 	For future prospects, the university shall advances its video conferencing facility by enhancing the capabilities and features of the existing system to improve its functionality, usability, and overall sperformance.
25	Online open Publication system	<ul style="list-style-type: none"> • Currently, there is no online open publication system available at the university premises. 	The university shall plan for online open publication system by modes of implementing digital platform or software used for managing and publishing scholarly or academic content, such as journals, articles, research papers, and other publications.

Annexure-3 List of Academic Infrastructure

Sl No	Types of academic infrastructure	Existing at GCU	Proposed plan for 3 to 5 years in GCU
1	Courses catering to professional/future requirements	<p>There is wide range of programs existing under GCU. They are as follows:</p> <ul style="list-style-type: none"> ● School of Engineering & Technology <ol style="list-style-type: none"> I. Bachelor Degree: Civil Engineering, Mechanical Engineering, Computer Science engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Application, Fire & Safety. II. Master Degree: Electronics & Communication Engineering, Thermal Fluid Engineering, Computer Science & Engineering, Structural Engineering. III. Doctor of Philosophy: Civil Engineering, Mechanical Engineering, Computer Science engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Application. IV. Diploma & Certificate: Certificate course in Mechanical Engineering, Certificate Course in Electronics & Communication Engineering. ● School of Management & Commerce <ol style="list-style-type: none"> I. Bachelor degree: Business Administration, Commerce. II. Master Degree: Business Administration, Commerce. III. Doctor of Philosophy: Business Administration, Commerce. ● School of Natural Sciences <ol style="list-style-type: none"> I. Bachelor Degree: Physics, Chemistry, 	<p>The university plans to expand and extend its programs and courses by introducing courses like integrated B.Tech MBA, B.Ed. programme, Nursing and Paramedical Sciences, Bachelor of Law, Bachelor of Mathematics/Economics with Data Science and many others.</p>

		<p>Botany, Zoology, Mathematics.</p> <p>II. Master Degree: Physics, Chemistry, Botany, Zoology, Mathematics.</p> <p>III. Doctor of Philosophy: Physics, Chemistry, Botany, Zoology, Mathematics.</p> <ul style="list-style-type: none"> • School of Humanities & Social Sciences: <ul style="list-style-type: none"> I. Bachelor Degree: English, Economics, Political Science, Sociology, Psychology, History, Social Work. II. Master Degree: English, Economics, Political Science, Sociology, Psychology, Social Work. III. Doctor of Philosophy: English, Economics, Political Science, Sociology, Social Work. IV. Certificate Course: Japanese Language. • School of Pharmaceutical Science: <ul style="list-style-type: none"> I. Bachelor Degree: Pharmacy, Pharmacy (practice). II. Master of Pharmacy. III. Doctor of Philosophy. IV. Diploma in Pharmacy. • School of Paramedical & Allied Health Sciences Bachelor of Medical Laboratory Technology. The undergraduate programs under School of Natural Sciences, Humanities and Social Science and Management & Commerce are designed as per NEP 2020. These programs are Multidisciplinary as well as Interdisciplinary. 	
2	Curriculum-updated as per industry requirements	<ul style="list-style-type: none"> • All the programs offered under different Schools are prepared according to National Credit Framework (NcRF) and NEP 2020. 	<ul style="list-style-type: none"> • Provision for internship is made available across all the Undergraduate and Postgraduate Programs.

3	Curriculum embedded with Employability Skill	<ul style="list-style-type: none"> ● Center for Career Development and Training & Placement Cell are there to enhance skills important for increasing the employment avenues and readiness like Bazars in the Global Information Economy, Awareness Camp on SBI PO exams. ● Courses on Universal Value, Constitution of India, Academic Writing, Business Communication, Financial Literacy etc. are introduced in the Curriculum. ● Gender Sensitization Cell has been formed to eliminate gender bias insensitivity through different activities. ● University has organized various awareness camps to spread the knowledge of one earth one family one future to protect the vulnerable in the society like <i>Computer Literacy drive, Sign Language Awareness Camp, Awareness program on Cancer and Palliative Care, Awareness camp on Mental Health etc.</i> ● A 50% fee waiver is declared across all the programs of the University for deserving students from conflict affected zones of Manipur. 	<ul style="list-style-type: none"> ● Courses on Universal Value, Constitution of India, Academic Writing, Business Communication, Financial Literacy etc. are introduced in the Curriculum.
4	Curriculum embedded with Skill Enhancement Courses	<ul style="list-style-type: none"> ● Different Skill enhancement courses viz. Financial Modelling, Business Analytics with R & R Studio, Programming with C, Content Marketing, and Computational Thinking etc. are embedded in the curriculum. 	<p>Skill based courses that will help to in creating jobs or increasing the skill ability of the students will be introduced. A list of such courses are –</p> <ol style="list-style-type: none"> 1. Data Science and Analytics. 2. Artificial Intelligence and Machine Learning. 3. Cybersecurity. 4. Blockchain Technology. 5. Cloud Computing. 6. Digital Marketing. 7. User Experience (UX) and User Interface (UI) Design.

			8. Project Management. 9. Healthcare and Biotechnology. 10. Renewable Energy and Sustainability. 11. Remote Work and Digital Communication. 12. Emotional Intelligence and Soft Skills. 13. Language and Cultural Training. 14. Robotics and Automation. 15. Health and Wellness Coaching. 16. Legal Tech and Cybersecurity Law. 17. E-commerce and Supply Chain Management. 18. Green Building and Sustainable Architecture. 19. AI Ethics and Responsible Technology.
5	Curriculum embedded with Emerging technologies to be integrated with future of work	<ul style="list-style-type: none"> • Post Graduate programs are offered in the area of Artificial Intelligence and Data science. • Certificate courses on 3D Printing, Welding are offered. • Courses on Internet of Things (IoT), Cloud Computing, and Machine Learning are introduced in the undergraduate curriculum. • Workshop on Web3 including Blockchain, workshop on Cyber Security workshop on pharmaceutical research etc has been organized in the University Campus. 	Courses on Blockchain, Cyber Security, Cryptography etc. to be proposed in the future prospects.
6	Center for Curricular & Life Skills Development (CCLSD)	Under the NEP 2020, the Girijananda Chowdhury University (GCU), Assam, is implementing Four Year Bachelor Programme from the current Academic Year 2023–24. The <i>new Credit Framework for the syllabi</i> has been designed in the light of <i>Curriculum Framework and the National Credit Framework (NCrF)</i> , developed by the University Grants Commission (UGC). As such, Core Courses comprise of Major and Minor Courses and the	Under the NEP-2020, a Center for Curricular & Life Skills Development will be fully implemented. The center will include learning courses and research on Curricular skill and life skill development. 1. Curricular skills refer to the knowledge and abilities that are typically taught within formal educational curricula. These skills are often subject-specific and include-

		<p>Common Courses comprise of Ability Enhancement Courses (AEC), Multidisciplinary Courses (MDC), Skill Enhancement Courses (SEC) and Value Added Courses (VAC) to focus into Skill-oriented courses. Labs, workshop and training centres in the campus train students for 21st century skills.</p>	<p>a) Mathematics: b) Language Arts. c) Science. d) Social Studies Physical Education: Physical fitness, sportsmanship, and teamwork. e) Arts</p> <p>2. Technology Life Skills Development:</p> <p>Life skills, also known as "soft skills" or "transferable skills," are essential for personal and professional success. Some of the courses will encompass the following skills-</p> <p>a) Communication Skills b) Problem-Solving c) Critical Thinking. d) Decision-Making. e) Time Management. f) Emotional Intelligence g) Adaptability. h) Leadership. i) Financial Literacy. j) Health and Well-being. k) Cultural Competence.</p>
7	Faculty/ teaching Staff	<p>Well qualified faculties are appointed in the university departments. The proposed Centre for Faculty Development will assist the faculties for updating and extension of knowledge. Motivation for self up-gradation is the aim of university governance. Complete list of faculty is attached as Annexure F</p>	<p>In accordance with the UGC guidelines, the university has formulated a future strategy to enhance and sustain the faculty-to-student ratio, ensuring the delivery of a high-quality teaching and learning environment.</p>
8	Center for	<ul style="list-style-type: none"> • In the dynamic realm of higher education, an 	<p>Under CFD, the following activities are proposed for the</p>

	<p>Faculty Development (CFD)</p>	<p>institution's success hinges on the caliber, expertise, and unwavering commitment of its faculty members.</p> <ul style="list-style-type: none"> • At Girijananda Chowdhury University (GCU), we place significant emphasis on recognizing the pivotal role that faculty members play in shaping the future of our institution and molding the educational journey of our students. To harness their full potential and equip them with the necessary tools and knowledge to excel in their multifaceted roles as educators, researchers, and mentors, we are proposing the establishment of a dedicated "Center for Faculty Development." • Additionally, various faculty development initiatives, including regular training programs focused on pedagogy and emerging technologies, have been systematically organized for our faculty and staff across different departments of the University. Noteworthy examples include AICTE FDPs, ATAL FDPs, AICTE STTPs, among others. 	<p>university future development which includes:</p> <ul style="list-style-type: none"> • Interdisciplinary Workshops: to organize workshops and seminars that encourages interdisciplinary collaboration among faculty members. • International Collaborations: to establish partnerships with universities and institutions abroad to offer international faculty exchange programs and joint research initiatives. • Online Learning Resources: to develop a comprehensive online repository of teaching materials, best practices, and instructional videos for faculty members to access at their convenience. • Teaching Innovations: to promote innovative teaching methods such as flipped classrooms, experiential learning, and gamification through dedicated training and support. • Inclusive Teaching Workshops: to conduct workshops on inclusive teaching practices to ensure diverse student populations are adequately supported. • Faculty Recognition Program: to establish a recognition program that rewards faculty members for their outstanding contributions to teaching, research, and service. • Grant Writing Workshops: to offer workshops on grant writing and research proposal development to secure external funding for faculty projects. • Faculty Exchange Programs: to expand faculty exchange programs with other universities and institutions to encourage cross-cultural experiences. • Advanced Technology Integration: to provide training on advanced educational technologies like Virtual Reality (VR), Augmented Reality, and
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			<p>Artificial Intelligence (AI) in education.</p> <ul style="list-style-type: none"> • Collaboration with Industry: to strengthen partnerships with industry for collaborative research, internships, and employment opportunities for students and faculty. • Research Ethics Training: to offer training in research ethics and responsible conduct of research to ensure high ethical standards in research. • Sustainability Initiatives: To promote sustainability in teaching and research by incorporating environmental and social responsibility themes into faculty development programs. • Research Incubators: To create research incubators within the center to foster collaborative research projects among faculty members.
9	Non-teaching staff	<ul style="list-style-type: none"> • The non-teaching staff of the university are well experienced and well versed with their allotted works. • The appointment of the university non-teaching staff are based on the relevant qualifications with minimum standards maintained. • Administrative and laboratory training, hand-on-skills and soft skills at departmental, university and at industrial level were provided to the staffs from time to time for developing and acquiring skill-based knowledge. 	<p>For future prospect, the university aims to execute the following issues:</p> <ul style="list-style-type: none"> • Incorporate more hands-on-skills based training in the coming years. • To enhance skills required in day to day work life of administrative staff and to enable them to utilize the skills in real life. • Certain courses shall be implemented such as soft skills enhancement course, interpersonal skills, writing course, etiquettes and mannerisms.
10	Session wise teaching plan	<ul style="list-style-type: none"> • The university follows the best practices for preparing and executing semester teaching-learning plan for every session. • The session wise teaching plan is planned and directed based on the well established university academic calendar. 	<ul style="list-style-type: none"> • The university with the availability of the ERP and assessment rubrics shall develop future teaching plans for assessing and measuring outcomes based on: <ul style="list-style-type: none"> ✓ Curriculum alignment ✓ Active learning strategies ✓ Assessment and feedback system for improving teaching plan.

		<ul style="list-style-type: none"> Each course's lesson plan is created by faculty members and subsequently distributed to the students. These plans are validated and evaluated by the respective Heads of Departments who oversee follow-up actions in this regard 	<ul style="list-style-type: none"> ✓ Flexibility and adaptability for shaping the educational landscape. ✓ Professional development
11	Learning material like Study books	<ul style="list-style-type: none"> For effective learning process, the university faculties have incorporated various types of learning materials including textbooks, online resources, lecture notes, reference books and e-books. Faculty members are preparing the study materials related to the courses such that those can be circulated to the students for future reference. The departmental library facilitates students' access to reference books. 	<ul style="list-style-type: none"> Relevant study materials as per new syllabus need to be prepared and circulated to students in PDF format such that they can readily access them through any online medium.
12	Question bank	<ul style="list-style-type: none"> The university library maintains a robust system for archiving both mid-term and final exam question papers from previous sessions. These question banks have been manually digitized and are now accessible to students through a dedicated link on the university library's website, enhancing ease of access to the students. 	<ul style="list-style-type: none"> In the future, question banks can be archived and evaluated through centralized repositories integrated within the university's ERP system. The university has the capacity to create repositories of multiple-choice question (MCQ) banks, which can facilitate the development of strategies for students preparing for competitive examinations..
13	Assignments	<ul style="list-style-type: none"> The university maintains the best practice of using class assignment as one of the continuous assessment criteria. Assignments at the university level are academic tasks given to students as part of their coursework, pertaining to the course outcome of the course of study. These assignments serve various purposes, including assessing students' understanding of course material, promoting critical thinking and research skills, and reinforcing learning objectives. 	<p>Following strategies may be implemented at university for promoting assignment at advanced level of Bloom's taxonomy. This includes:</p> <ul style="list-style-type: none"> Advanced learning assignments with special emphasis on deeper understanding, innovative and critical thinking. These assignments are typically associated with upper-level undergraduate and graduate courses, where students have already acquired foundational knowledge in their field of study.

		<ul style="list-style-type: none"> • Several types of assignment is assigned to the students which include individual assignment, group assignment, digital assignment, dissertation etc. 	<ul style="list-style-type: none"> • Complex Research Papers with critical analysis • Case studies which involved complex analysis from theoretical knowledge to solving practical problems. • Group research and collaborative projects. • Assignment based on Field work and data collection. • Assignment based on simulation and modeling • Assignment based on advanced coding and programming. • Others
14	Assessments	<ul style="list-style-type: none"> • The university assessment protocol is well established and accepted by national accreditation agencies such as National Board of accreditation (NBA). • A scientific inventory process ‘assessment rubrics’ for continuous assessment has been established by the university NBA steering members and is still in practice. • The assessment rubrics are periodically reviewed on a semester basis. We analyze and measure the key learning outcomes, identifying any gaps, and strategically updating them to enhance performance in the upcoming semester." 	<ul style="list-style-type: none"> • More advanced assessment process may be included in the assessment rubrics which will comprise of, but not limited to: <ul style="list-style-type: none"> ✓ Class tests/Sessional examination(s)/Home assignments/Case Studies/Oral presentations, including seminar presentation/Mini projects/Group Discussion/Capstone Projects/Quizzes/Role Playing exercises/ Management Games/Mock Selling/Viva-voce/interviews/Time-constrained examinations/Closed-book and open-book tests/ Problem-based assignments/Practical assignment/laboratory reports/Observation of practical skills/Team.
15	Value added skills enhancement Papers	<ul style="list-style-type: none"> • Courses on <i>Folk Music, 3D Design and Modelling, Solid waste Management, Sustainable Development, Computational Thinking, Fine Arts and Art Appreciation</i> has been included in the curriculum. • Courses on Japanese Language and French Language are also introduced in the curriculum as a skill enhancement course. 	Introduction to courses on Historical Heritage of India like Museums, Archives, Historical Monuments, Popular Culture, Cinema, Social History through Photography, Folk Tradition etc. may be initiated in the near future.
16	Pedagogy	<ul style="list-style-type: none"> • To enforce the learner centric pedagogy and outcome based approach in the learning, research based and ICT enable courses are 	<ul style="list-style-type: none"> • Establishment of Psychology Lab within one year. • Student Exchange programme and Study Tour. • Utilizing the multimedia studio as an educational

		<p>designed.</p> <ul style="list-style-type: none"> • Integrating Skill based vocational courses with general education (Digital Marketing, Computer Hardware and Network Management, 3D Printing Fundamentals, Academic Writing) • Optimum use of technology-based platforms like SWAYAM, NPTEL has been incorporated. • Upgradation of existing English Language Lab. • To foster the spirit of inquisition and promote independent and critical thinking in both UG & PG curriculum mini/major Research Projects and Summer Internships are included to allow students to explore and work either individually or in a team. • Academic and research linkage by signing various MOUs with different institutions. • The Institute Innovation Council has been formed in the university to promote the students to create start-ups and entrepreneurial ventures. • Integrating ancient and modern knowledge system in the curriculum through value added courses on Gandhian philosophy, Life skills, Yoga, Modern Indian Language (Assamese) etc. 	<p>resource to create learning materials for sharing on social media.</p>
17	Other activities as part of learning	<ul style="list-style-type: none"> • Co-curricular and Extra Curricular activities are planned for the students under Sports Club, Yoga Club, NSS and others. • These activities will be included in the ongoing assessment of students, making them an integral part of the core evaluation process. 	<p>The university future plan is to indulge and inspire students to participate in Inter college Events on different performing arts, B-School Events, Quiz, debate, sports, hakathon at state/national and international level.</p>
18	Earn while learn facility & flexibility	<p>Currently, GCU hasn't implemented an Earn while learn scheme yet.</p>	<p>Skill-based courses are included in the curriculum to enhance employability opportunities. Additionally, schemes for students where they can get paid internships or earn while learning shall be implemented in the future.</p>

19	Flexibility and multidisciplinary	<ul style="list-style-type: none"> • All the Undergraduate courses except Bachelor of Technology and bachelor of Pharmacy are designed as per the NEP 2020 framework with maximum flexibility so that students can experience multidisciplinary learning. • MoUs has been signed with National and International organizations like <i>Russian State University for Humanities Moscow, NIELIT, BSNL Zonal Telecom Center, Assam Agricultural Universities</i> to facilitate students additional courses/programs. 	<ul style="list-style-type: none"> • To venture globally and provide platforms to our students where they can go for exchange programs with international organizations/universities etc. • Create more employability opportunities in a wider job market • Provide skills applicable in the industry 4.0
20	Opportunities to develop & utilize Research & innovative thinking skills.	<ul style="list-style-type: none"> • With the research diversity and facilities available in the university, the students are encourage and given the opportunity to excel in R&D by utilizing the facilities of the research labs. • In both UG & PG curriculum mini/major Research Projects and Summer Internships are included to allow students to explore and work either individually or in a team. • Seminars, Presentations are included as part of continuous evaluation process in regular courses to raise knowledge, skills, attitude, and experience-based competency to improve confidence in doing innovation among students. • MoUs has been signed with different National and International Organizations to enhance collaborative research and student exchange program for development of the students as well as Teaching Professionals. • The Grand Finale of Smart India Hackathon was organized in the campus consecutively for the 	<p>The university aims to enhance the R&D activities by summoning their students to participate in various events such as:</p> <ul style="list-style-type: none"> • National and International Conference and workshop. • Hakathon • Others

		<p>year 2017, 2018 and 2020.</p> <ul style="list-style-type: none"> • All Assam Science Quiz Competition was organized on 14.03.2023. 	
21	International Exposure	<p>As part of internationalization of higher education, GCU is collaborating with international institute/s of repute, organized lectures, seminars etc., where experts from international universities have visited the GCU campus and addressed the students and faculty. GCU has hired Full-time International Faculty to teach Foreign Language. Additionally, more courses on Foreign languages are introduced to provide an international exposure to the students, which also align with the NEP 2020. GCU also has a distinguished panel of eminent academicians as members of the Advisory Board.</p> <p>The following shall be attached in Annex- J</p> <ul style="list-style-type: none"> • Signing of international MOU/s. • Lectures/seminar/workshop by Foreign Faculty and dignitaries • List of the Advisory Board Members 	<ul style="list-style-type: none"> • Organize more International Conference/seminar/workshop/lecture series • Sign MOUs, Letter of Intent (LOI), and other collaborative engagements with international organizations of repute. • Apply for Erasmus membership and plan to engage in Erasmus + Capacity Building Higher Projects (CBHE) • Enroll international students • Look into collaborative research

Annexure-4 List of Research and Intellectual Property Infrastructure

Sl No	Types of academic infrastructure	Existing at GCU	Proposed plan for 5 to 7 years in GCU
1	Quality Research:	<p>The university has followed the best practice for inculcating the research activities thereby aiming to generate young scientists in the region.</p> <ul style="list-style-type: none"> • Currently the existing intake of Ph.D. scholars (winter session, January-June 2023) are 34 with 01 student achieving DST-WISE fellowship for pursuing regular Ph.D. The number of research supervisor available is 42 (AnnexureH). • Currently existing research projects under the university includes RPS-AICTE, DST-FIST, DST-nanomission, AICTE-IDEA and AICTE-MODROBS. • 03 extramural projects in collaboration with AIIMS, guwahati and NE cancer institute have been applied by our Professors in 2023 to ICMR seeking financial assistance. • Currently, 07 existing quality Research labs facilities are available viz. (a) DST-FIST; (b) DST-nanomission lab, (c) CPCSEA approved animal experimentation laboratory; (d) Computer Science and Engineering research Laboratory, and (e) AICTE-IDEA laboratory, (f) Advanced Internal combustion engine laboratory, (g) Advanced manufacturing lab. • Currently, 05 existing research facilities are available viz. (a) Sophisticated Analytical Instrumentation Facilities well equipped with sophisticated instruments. (b) Pilot scale machine room facilities for solid dosage form formulation. (c) Computer aided drug design (CADD) facilities for bioinformatics research (d) AICTE-IDEA with 3D printer with 3D scanner facilities, (e) Mechanical Engineering Research laboratory equipped with CNC wood router, CO2 laser cutter, PCB printer, CNC machine, Universal testing machine, computerized four stroke four cylinder diesel engine test rig. 	<ul style="list-style-type: none"> • Strategic intake of Ph.D. scholars based on availability of research supervisor will be ascertained in the next upcoming years. • To encourage regular PhD scholars with national/international fellowships for self-sustaining financial support. • To encourage its faculties to apply for Extramural research projects, twining projects, NER projects, collaborative research projects, and consultant projects supported by various governmental and non-governmental funding agencies. • Future expansion of the research laboratories with well equipped sophisticated instrumentation and state of art laboratories shall be implemented in all schools and department. • Focus and encourage bringing more Grants from various funding agencies pertaining to infrastructure and establishment of research laboratories with sophisticated equipments. • Encourage its faculties and students to adopt good research practice for developing self-sustaining model. • Enabling the development of disruptive and affordable technologies through a combination of education, research, innovation, and collaboration.

		<ul style="list-style-type: none"> PG and Ph.D scholars are continuously involved in undertaking both basic and applied research and the outcomes are measured in terms of publication as research/review article, patents and future planning for proposal in extra-mural projects. 	
2	Research oriented experienced faculty members	<ul style="list-style-type: none"> At present, we have 42 faculty members who are research-focused and possess significant experience, including individuals with Ph.D. qualifications and a few who have completed Post-Doctorate degrees from national and international repute These researchers actively contribute to cutting-edge research, publish in reputable journals, and often collaborate with industry partners, enriching the academic environment. Their ability to mentor and guide students in research projects fosters innovation and critical thinking. Overall, research-oriented faculty members play a pivotal role in advancing academia, bridging the gap between theory and real-world applications, and inspiring the next generation of scholars. 	<ul style="list-style-type: none"> To adopt and recruit more experienced and research oriented faculty members in various schools and departments. Periodically organize brain storming research workshops and symposiums to motivate and equip faculty members with the skills needed to generate high-quality research projects and publications. Establish Memorandums of Understanding (MoUs) with research organizations, academic institutions, universities, and industries to facilitate the exchange of research concepts, fostering the creation of tangible results that can make a meaningful societal impact.
3	API based faculty compensation	<ul style="list-style-type: none"> The university has embraced the Self Appraisal Report (SAR) framework, which relies on Academic Performance Indicator (API) scores. Presently, the university's SAR encompasses aspects such as faculty professional growth, co-curricular and extension initiatives, as well as research and development activities. 	<ul style="list-style-type: none"> The university is committed to enhancing and modernizing the API system, placing a greater emphasis on performance metrics, transparency, rewarding faculty members with outstanding research achievements, ensuring equity, adaptability, benchmarking, and implementing a robust monitoring and evaluation process to incentivize based on performance.
4	Targeted research and collaborative research	<ul style="list-style-type: none"> At present, the university promotes effective research practices by encouraging its faculty members to engage in focused research endeavors and collaborative initiatives with other research organizations. The assessment of research outcomes is primarily based on the publication of research articles and the acquisition of patents. In 2023, our professors have jointly submitted three extramural project proposals totaling Rs. 400 lakhs in collaboration with AIIMS, Guwahati, and the NE Cancer Institute to the Indian Council of Medical Research 	<ul style="list-style-type: none"> The university shall plan to execute future targeted research taking into account clear objectives, depth of analysis, hypothesis-driven, controlled environment etc. The university shall also plan to execute future collaborative research with key features including interdisciplinary approach, diverse expertise, resource sharing, Research Communication and Outreach, multidisciplinary research, international partnership, industry partnership etc.

		<p>(ICMR) in pursuit of financial support.</p> <ul style="list-style-type: none"> The Institute Innovation Cell (IIC) has been set up with IPR committee functioning at full pace. 	
5	More Ph.D. & postdoctoral research scholars	<ul style="list-style-type: none"> At present, the university has implemented a recruitment system that prioritizes candidates with Ph.D. degrees and post-doctoral experience in research and development when hiring faculty members. During the period of January to July 2023, the university has enrolled a total of 34 Ph.D. scholars across various schools and departments.(Annex-I) 03 post-doctoral faculties were recruited under GCU during the academic session 2022-23. 	<ul style="list-style-type: none"> To create strategic plan by recruiting eminent senior professors who are actively involved in research, development and guiding scholars shall be considered. To create postdoctoral positions with competitive salaries, benefits, and research opportunities to attract recent PhD graduates. To provide access to research grants and funding sources specifically designed for postdoctoral researchers. To ensure access to state-of-the-art research facilities and resources to support and attract PhD and postdoctoral researchers. To promote interdisciplinary collaboration and networking opportunities to attract postdocs interested in cross-disciplinary research.
6	More Faculty members with Ph.D.	<ul style="list-style-type: none"> At present, the university boasts 132 permanent faculty members, with 51 of them having earned doctoral degrees, and four faculty members having completed postdoctoral studies at foreign universities. Currently, 42 research supervisors are available at GCU who are actively guiding PG and Ph.D. scholars for quality research. The university previously had encouraged supporting Ph.D. holders by granting fee waivers to exceptional scholars and faculty members. 	<ul style="list-style-type: none"> In the future, the university will proactively seek out promising Ph.D. graduates to join as faculty members, research associates, and research scientists, both nationally and internationally, to enhance its academic and research capabilities. Establish a strong presence at academic conferences and events to network with potential PhD faculty candidates. Promote collaboration among faculty members on research projects that engage Ph.D. students, fostering mentorship opportunities and providing hands-on training.
7	Faculty encouragement for Book Publications, Research Publications and Patents	<ul style="list-style-type: none"> In accordance with UGC guidelines, the university has set up the Research and Development Cell (RDC) and the Institutional Innovation Council (IIC), both of which include an Intellectual Property Rights (IPR) committee as integral components of their structure. Within the IPR Cell, the university's various schools and departments have collectively filed a total of 07 national and 02 international patents (AnnexureJ). 	<ul style="list-style-type: none"> The university shall boost its future R&D activities by providing support to the faculty members in terms of <ul style="list-style-type: none"> (a) Incentives and Financial publication support for open access journals (b) Recognition and Awards (c) Research Leave for attending research training, workshop, symposiums and research visits (national/international) for strengthening research collaborations. (d) Research publication incentives for publishing in Q1

		<ul style="list-style-type: none"> The university consistently motivates its faculty members to publish their research in well-regarded peer-reviewed journals indexed in Scopus, SCI, Web of Science, and the UGC-Care list. During the academic year 2022-23, different schools and departments of the university have 50 publications in peer-reviewed journals/conference proceedings and book chapters, collectively accumulating more than 150 impact factors. 	<p>Journals with good impact factor.</p> <p>(e) Providing partial/full support for International conference visit.</p> <p>(f) Providing research funding at Departmental level.</p> <p>(g) Providing innovation grants for filing patents, copyrights and trademarks.</p> <p>(h) Providing legal assistance in IPR</p> <p>(j) Providing royalties and revenue sharing to innovators through legal policies.</p>
8	More conferences (At least two conferences per year per College)	<ul style="list-style-type: none"> The university regularly schedules research conferences, workshops, conclaves, seminars, and symposiums with the strategic aim of fostering research and development activities among students, faculty members, and scholars. Thus far, the university has effectively organized seminars and workshops through a range of committees and units, including the IIC (Institution's Innovation Council) and the IPR (Intellectual Property Rights) initiative. In addition to hosting events, the university actively promotes the participation of its faculty, students, and scholars in various research activities on the state, national, and international stages.. 	<ul style="list-style-type: none"> The university shall boost the future organization of conferences by Encouraging their researchers and faculties to seek financial assistance from government agencies like MHRD, SERB, AICTE, UGC, CSIR, ICMR, ICSSR, DAE, MeITY, IASc, INAE, Ministry of DoNER and local government to organize national and international conference.
9	Student involvement in Research	<ul style="list-style-type: none"> Student's involvement in R&D activities is constantly practiced in the university campus. The research work of student's from UG, PG and Ph.D. program are regularly published in peer reviewed indexed national and international journals with high impact factor. Students were encouraged to participate in national and international conferences to showcase their research outcomes. The university promotes a research-oriented environment centered around students, offering unrestricted 24/7 access to research facilities. The university's IPR safeguards novel innovations and ideas originating from both faculty and students. 	<ul style="list-style-type: none"> Encouraging students to engage in research with a systematic and skill-oriented approach such as <ul style="list-style-type: none"> (a) Skill enhancement development (b) Interdisciplinary learning (c) Innovative problem solving and critical thinking (d) Research ethics and integrity (e) Career advancement (f) Network and collaborative research (g) Seeking research funding in the form of stipends and scholarships from government agencies. (h) Participation in group research such as hakathon, scientific expos, tech conferences etc.

10	Industry institutional collaboration and Consultation &	<ul style="list-style-type: none"> At present, the university boasts a robust industry-institutional collaboration and consultation committee, with a focus on facilitating student placements, internships, undertaking postgraduate and doctoral projects in local industries, and organizing joint workshops and conferences. 	<ul style="list-style-type: none"> For future plan, the university shall boost the industry-institutional collaboration and consultation via. promoting <ol style="list-style-type: none"> Interdisciplinary research Technology transfer for industrial production. Innovation and development of patents Sustainability Initiatives Data and Analytics Collaborative grants and funding Seeking sponsored and consultancy projects through establishing MoUs with industries Seeking advisory services through expert panels for shaping the program curriculum that aligns with the industrial needs. Creating a pilot-scale plant through a partnership with research-oriented industries.
11	University Incubation centres	<ul style="list-style-type: none"> At present, the university incubation centres. 	<ul style="list-style-type: none"> Future development of university incubation centers is likely to be influenced by several key trends and considerations. <ol style="list-style-type: none"> Promoting of diversity supported ventures beyond tech start-ups. Promote Interdisciplinary Collaboration within incubation centers for executing intersectional projects from different fields. Promote Global outreach and technology integration through AI. Maintaining sustainability of incubation centres by signing MoUs with collaborators and corporate partnerships. Seeking Government support through funding agencies for long term recognition and to foster economic growth. Strengthen the university alumnus system and encourage alumnus to participate in the start-up plan. Encouraging innovation research-based approaches for generating revenues through patents and generating self-employments.
12	University Publication through its own press	<ul style="list-style-type: none"> The university has an established and informative online and digital University Bulletin that reports all cutting edge information about the university activities, 	<ul style="list-style-type: none"> Promotion and embrace digital transformation, open-access repositories and multimedia for digital archiving. Promotion of news-letter, magazines and research journals.

		<p>achievements and awards received by the teaching and non-teaching staff, news and many others.</p> <ul style="list-style-type: none"> • A total of seven volumes bearing 12 issues/volume have been published so far in the University Bulletin 	<ul style="list-style-type: none"> • Expand the reach of the university press by forming partnerships with international universities, academic consortia, and digital libraries. • Translate and localize content to make it accessible to non-English-speaking audiences. • Commit to sustainable publishing practices, including responsible sourcing of materials, reducing environmental impact, and adhering to ethical standards in publishing. Prioritize transparency in peer review and editorial processes.
13	University publications & Citation service	<ul style="list-style-type: none"> • At present, the university lacks citation services. 	<ul style="list-style-type: none"> • To start and promote university Journals with authentic DOI number for better international acceptability that boosts the citations to the published article.
14	Compulsory patent claim for UG & PG projects in Professional subject areas	<ul style="list-style-type: none"> • Currently, the university has a well functioning IIC and IPR cell that promote and encourage innovations from faculties and collaborators and less emphasis was given to students. • A total of 07 patents of national and international repute were filed by the faculty members (Annexure). 	<ul style="list-style-type: none"> • More emphasis shall be given to students by setting goals for undergraduate, graduate, and Ph.D. students, along with internships and continuous mentoring through the university's IIC and IPR cell, as they prepare and submit patent applications for their inventions, enhances overall outcomes.
15	Faculty Ranking (Annual) system	<ul style="list-style-type: none"> • The university has not yet implemented a faculty ranking system on its campus, despite the presence of the university's Self Appraisal Report (SAR) in operation. 	<ul style="list-style-type: none"> • A policy for implementing a faculty ranking system will be formulated and put into effect in the future.
16	Chief Technology Officer (CTO)	<ul style="list-style-type: none"> • As of now, the university has not appointed a Chief Technology Officer (CTO). 	<ul style="list-style-type: none"> • To create a reputed post for Chief Technology Officer for full fledge operationalization and monitor research activities related to product development, technology infrastructure and technology transfer, maintained regulatory and ethical compliance and develop strategic partnership with industries and research organizations.
17	Research Monetization	<ul style="list-style-type: none"> • Not available 	<ul style="list-style-type: none"> • The university shall at place initiate the research monetization through: <ul style="list-style-type: none"> (a) Establishing technology transfer office (TTO) for IP protection. (b) Product development and Incubation Cell (c) Consultancy services. (d) Research contract and grants from government. (e) Initiate startup companies or spin-off ventures to bring research-based innovations to the market. These startups can

attract investment and venture capital, leading to financial returns.

Annexure-5 List of Supportive And Facilitative Infrastructure Requirements

Sl No	Types of academic infrastructure	Existing at GCU	Proposed plan for 3 to 5 years in GCU
1	Accessibility/ Proximity	Girijananda Chowdhury University (GCU) follows participatory type of governance. All decision making bodies emphasize on transparency, accountability and various democratic values. Participatory collective or collaborative practices are important characteristics of GCU's leadership.	<p>Following strategies are planned to follow in future:</p> <ul style="list-style-type: none"> • Leadership Training and Development: Implement leadership training programs that focus on fostering accessibility and proximity as key leadership attributes. Encourage leaders at all levels to participate in on-going leadership development to enhance their skills in connecting with team members. • Lead by Example: Senior leaders will model the behavior of accessibility and proximity by regularly engaging with employees and being approachable. Encourage leaders to share personal experiences and challenges to create a culture of openness and vulnerability. • Communication Platforms: Encourage leaders to use technology like instant messaging or social networking tools to maintain open lines of communication. • Mentoring and Coaching: Implement a mentoring and coaching program where leaders at higher levels mentor and coach those at lower levels, fostering a culture of learning and accessibility. • Feedback Mechanisms: Create feedback mechanisms that allow employees to provide input and suggestions directly to leaders. Ensure leaders respond promptly to feedback, demonstrating their commitment to being accessible and responsive. • Accessibility Policies: Develop and communicate accessibility policies that emphasize the importance of leaders being available to their teams. • Employee Engagement Activities: Organize team-building activities, social events, and informal gatherings

			<p>that encourage leaders and employees to interact on a personal level.</p> <ul style="list-style-type: none"> • Recognition and Rewards: Recognize and reward leaders who consistently exhibit accessibility and proximity in their interactions with team members. • Transparency and Accountability: Promote transparency in decision-making processes and hold leaders accountable for their actions and commitments. Create a culture where leaders take responsibility for their decisions and outcomes.
2	Rich Communication	<p>By embracing rich communication and reducing latency in various aspects of university operations, institutions can create a dynamic and engaging learning and working environment that fosters collaboration, innovation, and emotional well-being. These strategies can help universities adapt to the changing needs and expectations of students and faculty in the future. Girijananda Chowdhury University (GCU) already follows following tools for communications among its stakeholders:</p> <ul style="list-style-type: none"> • Real time communication platforms such as video conferencing, instant messaging, and collaborative document sharing. • Interactive learning Environments such as use multimedia resources, virtual labs, and interactive simulations to enhance learning experiences. • Faculty-Student Collaboration such as encouraging faculty to engage with students in real-time discussions, Q&A sessions, and interactive problem-solving during lectures. • Peer-to-Peer Collaboration such as facilitating collaborative learning experiences where students work together on assignments and projects. • Feedback and Assessment such as implementing instant feedback mechanisms for assignments and assessments, allowing students to understand their progress immediately. 	<p>Girijananda Chowdhury University (GCU) is planning to pursue following tools for communications among its stakeholders:</p> <ul style="list-style-type: none"> • Zero Latency Decision-Making: Streamline administrative processes and decision-making to reduce latency in responding to student needs and concerns. • Promote a Culture of Collaboration: Recognize and reward faculty and staff who actively engage in collaborative efforts. • Professional Development: Provide training and professional development opportunities for faculty and staff to enhance their skills in rich communication and collaboration. • Virtual Office Hours: Offer virtual office hours for faculty members, ensuring that students can reach out for academic support and guidance without delays. Use scheduling tools to make it easy for students to book appointments with instructors.

		<ul style="list-style-type: none"> • Innovation in Research and Collaboration such as fostering real-time collaboration among researchers, both within the university and with external partners. Use collaborative research platforms that allow experts from diverse fields to work together on cutting-edge projects. • Student Involvement in Decision-Making as it involves students in university governance and decision-making processes, ensuring their voices are heard in real time. For example: Internal Quality Assurance Cell (IQAC), Grievance Redressal Committee, etc. • Emotional Support Networks: virtual emotional support networks where students can connect with counselors, mentors, or peer support groups instantly. 	
3	Role Model	<p>Girijananda Chowdhury University (GCU) has developed a system where faculties and administrative staff involve in all aspects of Governance. Senior faculty members are given chances to involve in policy making processes/systems such as BOM/BOS, etc.</p>	<p>Girijananda Chowdhury University (GCU) will try to pursue following strategies to make an effective governance system in future:</p> <ul style="list-style-type: none"> • Leadership development programs: To establish comprehensive leadership development programs for faculty, staff, and administrators to nurture a shared vision of the university's growth. • Leadership Retreats and workshops: To organize leadership retreats and workshops that brings together university leaders to discuss the institution's long-term goals and vision. Encourage open dialogue and collaboration to align leadership perspectives. • Shared Vision Statements: To develop and regularly revisit a clear and concise shared vision statement that articulates the university's mission, values, and long-term goals. Ensure this vision is communicated consistently to all stakeholders. • Transparency and Communication: Foster a culture of transparency by regularly sharing updates on the progress of strategic initiatives with the university community.

			<ul style="list-style-type: none"> • Motivational Leadership: Train leaders in motivational leadership techniques to inspire and empower faculty, staff, and students to reach their full potential. Recognize and celebrate achievements to boost morale and motivation. • Goal Setting and Accountability: Encourage leaders to set SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals for their respective departments or areas. Establish mechanisms for regular progress tracking and accountability. • Long-Term Sustainability: Consider the long-term financial sustainability of the university while planning for growth and development. Explore alternative revenue sources and efficient resource management. <p>By implementing these strategies, universities can cultivate a culture of shared vision, leadership excellence, and continuous improvement. Effective leadership is essential for guiding institutions toward a planned and sustainable future while serving as inspirational role models for all stakeholders.</p>
4	Institutional Values	Empathy and Equity with Empowerment are the core values of Girijananda Chowdhury University (GCU) which are the basis of all other universal human values quintessential for a world that is humane, just and harmonious.	Future institutional core values may be redefined in the future depending on the quality and the need keeping in view of inclusivity, excellence, integrity, innovation and sustainability.
5	Vision	Girijananda Chowdhury University (GCU) shall create a culture of education that will provide students a transformative experience-intellectual, ethical, cultural and social. We envision a society where our students shall contribute with unparalleled professionalism, competence and integrity while upholding the basic human values of liberty, justice and equality.	<p>Vision of the University is formed by following its long term goals, values and ethical principles, global and local relevance, stakeholder involvement, etc. Depending upon the requirement and need of the society vision may change to encompass its fundamental values. For a long-term, opportunity-driven vision and a shift from present-forward to future-backward thinking, here are some ideal plans for GCU to consider for the future:</p> <ul style="list-style-type: none"> • Long-Term Strategic Planning: To develop a comprehensive, long-term strategic plan that outlines the university's vision for the next decade or more. Focus on identifying opportunities and leveraging strengths rather than dwelling on constraints. • Future-Centric Curriculum: Revise the curriculum to

			<p>align with future-forward thinking, emphasizing emerging fields, interdisciplinary studies, and adaptable skill sets. Encourage students to explore innovative ideas and trends that will shape the future.</p> <ul style="list-style-type: none"> • Research and Innovation Centers: Establish research centers and innovation hubs dedicated to exploring and addressing future challenges and opportunities. • Partnerships and Collaborations: Forge strategic partnerships with organizations, industries, and research institutions that share the university's vision of a bold and ambitious future. • Global Vision and Outreach: Expand the university's global reach by engaging in international research collaborations, student exchange programs, and global partnerships. • Innovation Incubators: Create innovation and entrepreneurship incubators that support students and faculty in developing and commercializing ground-breaking ideas.
6	<p>Trust among stakeholders and outsiders</p>	<p>Building trust among stakeholders and outsiders is essential for the success and sustainability of a university. Trust can be cultivated through various strategies and actions. Girijananda Chowdhury University (GCU) encourages following strategies to maintain trust among stakeholders and outsiders:</p> <ul style="list-style-type: none"> • Transparency in decision making • Open and Inclusive Governance • Accountability and Responsibility • Effective Communication Channels • Ethical conduct and Integrity • Community Engagement • Conflict Resolution Mechanisms • Recognition and Appreciation 	<p>Some ideal plans for GCU to consider for the future:</p> <ul style="list-style-type: none"> • Transparency in decision making: Ensure that all decisions, especially those with significant implications, are made transparently and with clear communication to all stakeholders. • Open and Inclusive Governance: Encourage participatory governance by involving representatives from various stakeholder groups, including faculty, staff, students, alumni, and community members, in university governance. Hold regular meetings, forums, and town halls to discuss university policies, plans, and priorities. • Accountability and Responsibility: Establish clear lines of accountability for university leaders and administrators. • Effective Communication Channels: Develop and maintain effective two-way communication channels that enable stakeholders to voice their concerns, suggestions, and feedback.

			<ul style="list-style-type: none"> • Recognition and Appreciation: Acknowledge and celebrate the contributions and achievements of stakeholders, including faculty, staff, students, and alumni. Highlight success stories and showcase the positive impact of their involvement with the university.
7	Institutional Tradition Rituals	<p>To carry forward institutional traditions and rituals as part of the university's culture and foster a strong emotional connection among stakeholders, here are some ideal strategies those are followed by Girijananda Chowdhury University (GCU):</p> <ul style="list-style-type: none"> • Celebration of Milestones • Formalize institutional values • Alumni Involvement- in preserving and promoting institutional traditions and values, to share their experiences and insights with current students and participate in mentoring programs. • Leaderships Exemplification • Annual Rituals and Ceremonies-EUPHUISM (Cultural Event), KBM Cricket Tournament, Annual Sports Week, Engineers' Day, Pharmacist Day, World Environment Day, Teachers' Day, Fresher's Day, etc. 	<p>Some ideal strategies for GCU to consider for the future:</p> <ul style="list-style-type: none"> • Document and Preserve Traditions: Document the historical traditions, rituals, and values of the university and make them easily accessible to all stakeholders. To create a digital or physical repository that showcases the university's heritage. • Senior student Mentorship Programs: Establish mentorship programs that pair senior students with newer students to pass on institutional traditions, rituals, and values. • Institutional Memory Maintenance: Appoint a dedicated team or committee responsible for maintaining and promoting institutional memory. Organize events or exhibitions that highlight the university's history and traditions. • Cultural and Heritage Initiatives: Integrate cultural and heritage initiatives into the curriculum to educate students about the institution's history, values, and traditions. • Leaderships Exemplification: Encourage university leaders, including faculty and administrators, to exemplify and promote institutional traditions and values. • Cross-Generation Engagement: Create platforms for intergenerational dialogue and engagement, allowing alumni, faculty, staff, and students from different eras to connect and share experiences.

8	Alternative strategy & Support Network	<p>Ensuring the delivery of promised services and having alternative strategies and support networks in place is crucial for maintaining stakeholder satisfaction and trust in a university. Here are some ideal strategies those are followed by Girijananda Chowdhury University (GCU):</p> <ul style="list-style-type: none"> • Service-Level Agreements (SLAs) • Facility Maintenance and Upkeep-regular maintenance and improvement of college facilities, hostels, and transportation infrastructure to ensure uninterrupted service. • Faculty Redundancy Planning-Maintain a pool of adjunct faculty members or guest lecturers who can step in to cover syllabus requirements in case of faculty shortages. • Online learning resources are used up to a limited extent. • ERP (Enterprise Resource Planning) facility. • Disaster Preparedness- Fire extinguishers, emergency exit fluorescent. • Feedback Mechanisms: Implement feedback mechanisms that allow students, faculty, and staff to report service issues or suggest improvements 	<p>Here are some ideal strategies for GCU to consider for the future in relation to the mentioned facilities and services:</p> <ul style="list-style-type: none"> • Service-Level Agreements (SLAs): Establish clear and well-defined SLAs for all essential services, including college facilities, hostels, food and drinking water, transportation, faculty availability, and examination processes. • Alternative Service Providers: Identify and maintain relationships with alternative service providers for critical services in case of unexpected disruptions. Develop contingency plans for scenarios where the primary service providers are unable to deliver. • Supply chain diversification: Diversify supply chains for essential resources like food and drinking water to reduce dependency on a single source. <p>Online Learning Resources: Develop an online learning infrastructure that can be deployed in case of emergencies or disruptions, ensuring continuity of education</p>
9	Goal Setting in Every Student	<p>Motivating and supporting students to set and achieve their goals is a crucial responsibility for universities. Girijananda Chowdhury University (GCU) encourages following strategies to set goals in every student:</p> <ul style="list-style-type: none"> • Career Counseling Services • Mentorship Programs • Goal Setting Workshops • Experiential Learning-AICTE IDEA Lab, Sophisticated Analytical Instrumentation Facilities (SAIF), Computer Aided Drug Design, Computer 	<p>Some ideal strategies for GCU to consider for the future in this regard:</p> <ul style="list-style-type: none"> • Leadership Development: Promote leadership development programs that encourage students to take on leadership roles in academic, extracurricular, or community activities. Recognize and celebrate student leadership achievements. • Career Networking Events: Organize career fairs, networking events, and industry panels that connect students with potential employers and mentors. Facilitate opportunities for students to learn from successful

		<p>Aided Engineering Drawing, etc.</p> <ul style="list-style-type: none"> • Skill Enhancement Workshops-through AICTE IDEA Lab, DST-FIST Lab • Recognition and Awards • Scholarships and Financial Aid • Feedback and Monitoring • Personal Development Courses such as Universal Human Values is implemented. 	<p>professionals.</p> <ul style="list-style-type: none"> • Diverse Career Resources: Provide access to a wide range of career resources, including job databases, resume building tools, and interview preparation resources. Ensure that students have the information they need to pursue various career paths. <p>By implementing these strategies, universities can empower students to set and pursue meaningful goals, foster a culture of aspiration, and equip them with the skills and support needed to thrive academically and professionally. This approach contributes to the holistic development and success of every student.</p>
10	Safety and Security	<p>Ensuring safety and security on GCU campus is of paramount importance, as it directly impacts the well-being and overall experience of students, faculty, staff, and visitors. Here are some key points those are considered in GCU campus:</p> <ul style="list-style-type: none"> • Physical Safety:GCU prioritizes the physical safety of its community members. This includes well-lit pathways, regular maintenance of buildings and infrastructure, and emergency response systems. Adequate security personnel are available to address any safety concerns promptly. • Crisis Management: The University has a well-defined crisis management plan in place, covering scenarios such as natural disasters, fires, accidents, or security threats. • Campus Police or Security:Employing trained campus police or security personnel enhance safety on campus. They respond to emergencies, provide assistance to students, and ensure that rules and regulations are enforced. • Surveillance Systems: Installing security cameras at key locations across the campus deter criminal activity and provide valuable evidence in case of incidents. These systems are being regularly maintained and upgraded. • Preventing Harassment and Discrimination: 	<p>Following measures may be taken as future plan with respect to safety and security in GCU:</p> <ul style="list-style-type: none"> • Safety Education: GCUwill provide safety education programs for students and staff. These programs will include guidance on personal safety, emergency procedures, and reporting suspicious activities. • Collaboration with Local Authorities: The university should establish strong ties with local law enforcement agencies and emergency services. Collaborative efforts can lead to a faster response in times of crisis. • Mental Health and Counseling Services:Promoting mental health and offering counseling services are essential components of campus safety. Students facing emotional or psychological challenges should have access to professional help. • Community Involvement:Encouraging a sense of community and responsibility among students and staff can also contribute to a safer campus. Everyone should be encouraged to look out for one another. <p>By implementing these strategies, a university can prioritize safety and security while creating a hassle-free and inclusive ambiance for all students and stakeholders. This proactive approach not only ensures the well-being of the campus community but also enhances the overall reputation and attractiveness of the</p>

		<p>Ensuring a campus free from harassment and discrimination is crucial for the well-being of all students. GCU has clear policies and procedures for reporting and addressing such issues. For example: Anti-discrimination cell, Gender Sensitization Cell, Internal Complaint Committee (ICC), etc.</p> <ul style="list-style-type: none"> • Safe Transportation:GCU offers transportation services, it prioritize the safety of students who use these services. Regular vehicle maintenance and responsible drivers are crucial for safe transportation. • Student Orientation: Incorporate safety and security information into new student orientation programs. Provide students with resources and contact information for reporting safety concerns and seeking assistance. 	<p>institution.</p>
<p>11</p>	<p>Search for proximity (Local friends, Local food, local culture)</p>	<p>Creating an environment that fosters proximity to local friends, local food, and local culture can greatly enhance the overall student experience and help prevent feelings of loneliness among first-year students. Following initiatives are taken in GCU:</p> <ul style="list-style-type: none"> • Orientation and Welcome Week:During orientation and welcome week activities, emphasize the importance of exploring the various Schools, Departments, Offices, etc., of the University. The main objective of this orientation is to introduce the first year students to the University system. • Cultural Clubs and Organizations:Support and promote student-run cultural clubs and organizations that celebrate the diverse cultures within the local community. These clubs can organize events, workshops, and cultural showcases. • Local Food Options:Collaborate with local restaurants and vendors to offer a variety of local cuisine on campus. • Student Mentorship Programs: GCU has a robust mentoring system that encourages a healthy 	<p>Here are some ideal plans for GCU to follow in the future:</p> <ul style="list-style-type: none"> • Regular Feedback Channels:Establish feedback channels where students can voice their concerns and suggestions for improving the university's efforts in promoting local proximity and preventing loneliness. • Community Resource Center:Create a resource center on campus that provides information about local attractions, cultural events, and local services. This center can also offer assistance in connecting students with local resources.

		relationship between a mentee and a mentor.	
12	Comfortibility but need not luxury	<p>Creating a comfortable yet not luxurious campus environment that prioritizes students' basic needs is essential for ensuring a positive and supportive academic experience. GCU is having following facilities to encourage its students:</p> <ul style="list-style-type: none"> • Affordable Housing i.e., Boys' and Girls' hostels • Dining Services/Canteen services • Health and Wellness Centers • Financial Aid and Scholarships • Textbook and Course Material Support-Institute and Departmental Libraries. • Transportation Services • Career Services and Employment Opportunities-T & P office, placement assistanceship, etc. • Internet facilities& Wireless connectivity • On campus ATM, Pharmacy, cafeteria facilities, etc. • Indoor Stadiums • Outdoor playground • Auditorium • Guidance for various competitive examinations 	<p>Future initiatives for comfortable yet not luxurious campus environment:</p> <ul style="list-style-type: none"> • Community Building and Social Activities: Organize inclusive and affordable social activities, clubs, and events on campus that encourage students to connect with their peers and build a sense of community. • Student Input and Feedback: Establish regular channels for students to provide feedback on campus services and facilities, ensuring that their needs and concerns are heard and addressed. • Mental Health and Counseling Services: Expand mental health and counseling services, making them affordable or covered by student health insurance. Promote mental health awareness and provide resources for stress management.
13	Legacy of the System	<p>To implement and uphold the legacy of the system, maintain organizational hierarchy, and foster a rich cultural and educational environment, GCU considers the following strategies and plans:</p> <ul style="list-style-type: none"> • Alumni Engagement:Foster strong connections with alumni and involve them in mentoring programs, guest lectures, and sharing their experiences with current students. An alumni association is maintainedfor a sense of belonging and pride among graduates. • Ethical and Values-Based Education:Instilling ethical and values-based education into the curriculum to inculcate a sense of responsibility and integrity among students. Promotes discussions and workshops on ethics and values within the university 	<p>GCU considers the following strategies and plans for future:</p> <ul style="list-style-type: none"> • Cultural Preservation and Promotion:GCU will establish a dedicated department or committee responsible for preserving and promoting the cultural heritage of the institution. Moreover, GCU will organize annual cultural festivals, exhibitions, and heritage weeks to celebrate the diversity of cultures within the university community.Encourage student clubs and organizations to host cultural events and activities. • Legacy-Centric Courses: GCU will develop courses and programs that focus on the history, traditions, and culture of the university and the broader society. Promote collaborationamong faculties and experts to offer interdisciplinary courses on the history and traditions of the region.

		<p>community.</p> <ul style="list-style-type: none"> • Community Engagement: Encouraging students, faculty, and staff to engage with the local community through volunteer programs, outreach initiatives, and partnerships. Host community-oriented events and workshops to strengthen ties with the surrounding area. • Reports and Publications: Annual Magazines, Newsletters, departmental magazines highlight the university's achievements, milestones, and contributions to society, etc. Sharing these documents with stakeholders and the broader public is a regular activity of GCU. • Continuous Assessment and Feedback: Regularly assessing the effectiveness of these strategies through surveys, feedback sessions, and focus groups involving students, faculty, and staff. Adjust and improve the plans based on the input received. 	<ul style="list-style-type: none"> • Museum and Archives: GCU will create a university museum and archives to showcase the history and achievements of the institution. Collect and preserve artifacts, documents, and memorabilia related to the university's past. • Leadership Development: GCU will implement leadership development programs for faculty and staff to maintain a dignified organizational hierarchy. To offer training and mentorship opportunities to nurture future leaders within the university. <p>By implementing these strategies, a university can honor its traditions and legacy, maintain a dignified organizational hierarchy, and create a vibrant, culturally rich, and educationally enriching environment for its community members. This approach can help the institution thrive and evolve while preserving its heritage.</p>
14	Respect & perception about the organization	<p>To ensure that every individual stakeholder of the university holds a positive perception and respects it as their alma mater, GCU focuses on building a strong and positive reputation. Here are some strategies and plans that is practiced in GCU:</p> <ul style="list-style-type: none"> • Academic Excellence: GCU prioritizes academic excellence by investing in quality faculty, research facilities, and innovative teaching methods. Encourage faculty to publish research in reputable journals and participate in academic conferences. • Student-Centered Approach: Implementing student-centered initiatives such as mentorship programs, career counseling, and academic support services. Ensuring that students have a voice in decision-making through feedback mechanisms. • Alumni Engagement and Success: Establish a robust alumni network to connect graduates with current students and provide career guidance and networking 	<p>Some strategies and plans that will be implemented in GCU in future</p> <ul style="list-style-type: none"> • Communication and Branding: Develop a strong and consistent brand identity for the university that reflects its values and mission. Utilize various communication channels to share university achievements, research breakthroughs, and positive news with stakeholders and the public.

		<p>opportunities. Celebrate the achievements of alumni and prominently feature their success stories. For example: Masterchef Nayanjyoti Saikia & Deeplina Dekha are two notable alumni of GIMT Guwahati, a constituent college of GCU.</p> <ul style="list-style-type: none"> • Ethical and Inclusive Culture: Promoting a culture of inclusivity, diversity, and respect within the university community. Conducting workshops and training on ethical behavior, cultural sensitivity, and communication skills for all stakeholders. • Quality Assurance and Accreditation: Seek accreditation from recognized accrediting bodies (UGC, AICTE, PCI, etc) to ensure that the university meets or exceeds established standards of quality and excellence. Regularly assess and improve academic programs based on accreditation feedback. <p>By implementing these strategies, GCU is fostering a culture of respect, positive perception, and pride among all stakeholders, including students, faculty, staff, alumni, and the broader community. This, in turn, contributing to the university's enduring legacy and reputation as an institution of excellence and integrity.</p>	
15	Openness in terms of information	<p>Maintaining openness and transparency in various aspects of university operations is crucial for building trust among stakeholders and ensuring the institution's credibility. GCU practices following strategies and plans with respect to openness in terms of information:</p> <ul style="list-style-type: none"> • Open Admission Process: GCU publishes clear and comprehensive admission criteria, procedures, and deadlines on the university's website. Providing detailed information on the selection process, including the weighting of various admission criteria. • Transparent Teaching-Learning Processes: Sharing course syllabi, learning objectives (lesson plans), and grading criteria with students at the beginning of each semester. Encouraging faculty to provide regular 	<p>Here are some future strategies and plans for GCU to implement greater openness and transparency:</p> <ul style="list-style-type: none"> • Whistleblower Protection: Establish a confidential reporting system for whistleblowers to report concerns or unethical behavior without fear of retaliation. Ensure that allegations are thoroughly investigated and addressed. • External Auditing and Oversight: Engage external auditors to conduct periodic financial audits and performance evaluations of the university. Share audit reports and recommendations with stakeholders. • Data Protection and Privacy: Adhere to data protection and privacy laws and regulations to safeguard the personal information of students and staff. Educate the university community about their rights and responsibilities

		<p>updates on course progress and assignments through online/offline platforms.</p> <ul style="list-style-type: none"> • Examination and Evaluation Transparency: Publishing examination schedules, grading policies, and assessment criteria for each course. Sharing aggregated examination results without revealing individual student identities to ensure fairness. • Public Forums and Q&A Sessions: GCO organizes regular meetings, webinars, or online forums where university leadership can address questions and concerns from the community. Create platforms for open dialogue between students, faculty, staff, and administration. 	<p>regarding data privacy.</p> <ul style="list-style-type: none"> • Continuous Improvement: Establish a committee or office responsible for monitoring and enhancing transparency practices. Regularly review and update transparency policies and practices based on best practices and stakeholder feedback.
16	<p>The ability of the institution to fulfil the promises</p>	<p>Fulfilling promises and delivering on commitments is crucial for building and maintaining trust within a university community and with external stakeholders. Here are some strategies and plans GCU practices to enhance its ability to fulfill promises and establish a strong reputation for reliability:</p> <ul style="list-style-type: none"> • Academic Program Accountability: Regularly assessing the quality and relevance of academic programs through program reviews, surveys, and external evaluations. Taking action to address deficiencies and align programs with evolving industry and student needs. • Student Support Services: Enhancing and expanding student support services, including tutoring, counseling, and career services, to ensure that students receive the assistance they need to succeed academically and personally. • Clear Communication: Improving communication with all stakeholders, including students, faculty, staff, alumni, and the community, regarding changes in policies, procedures, and programs. Provide 	<p>Some strategies and plans GCU will practice in future :</p> <ul style="list-style-type: none"> • Transparency in Financial Management: Provide transparent financial reporting, including the allocation of tuition and fees, fundraising activities, and budgetary decisions. Involve key stakeholders in financial planning and decision-making processes. • External Partnerships and Accountability: Collaborate with external partners, such as accreditation bodies, government agencies, and industry associations, to uphold and enhance accountability standards. Comply with external requirements and standards to maintain credibility. • Performance Metrics and Accountability: Establish performance metrics and key performance indicators (KPIs) for various university departments and units. Hold administrators and staff accountable for meeting established performance targets.

		<p>updates and progress reports on major initiatives and projects.</p> <ul style="list-style-type: none"> • Regular Review and Evaluation:Conducting periodic self-assessments and external reviews of university operations to identify areas where promises have not been fulfilled.Develop action plans to address shortcomings and track progress. 	
17	Accountability measures	<p>To enhance accountability among stakeholders and create a more structured and effective evaluation process, GCU is implementing the following strategies and plans with respect to Accountability measures:</p> <ul style="list-style-type: none"> • Clear Performance Metrics • Annual Evaluation Process • Positive Incentives • Negative Consequences • Performance Improvement Plans • Regular Feedback and Check-Ins • Transparent Evaluation Criteria • Complaint and Grievance Mechanisms • Transparency in Decision-Making 	<p>To enhance accountability among stakeholders and create a more structured and effective evaluation process, GCU will implement the following strategies and plans with respect to Accountability measures</p> <ul style="list-style-type: none"> • Accountability Committees:Establish committees or task forces responsible for overseeing the accountability process and ensuring its fairness and consistency. Include representatives from various stakeholder groups on these committees. • Professional Development Opportunities:Offer professional development opportunities to help stakeholders enhance their skills and competencies.Encourage continuous learning and growth. • Recognition Programs:Create formal recognition programs that celebrate and showcase the achievements of stakeholders who consistently meet or exceed performance expectations.Promote a culture of excellence and recognition.
18	Mental Health	<p>Promoting and maintaining good mental health among students is crucial for their overall well-being and academic success. Here are some strategies and plans GCU is practicing to implement in order to ensure the mental well-being of its students:</p> <ul style="list-style-type: none"> • Educational Programs • Peer Support Programs • Mental Health Awareness Campaigns • Wellness Activities (yoga, meditation, and 	<p>Some strategies and plans GCU will implement in order to ensure the mental well-being of its students:</p> <ul style="list-style-type: none"> • Mental Health Services Center:Establish a dedicated mental health services center on campus staffed with qualified counselors, therapists, and psychiatrists. Ensure that the center provides confidential and accessible mental health support to students. • Crisis Helpline and Support: Set up a 24/7 crisis helpline for students to reach out for immediate support

		<p>mindfulness classes on campus)</p> <ul style="list-style-type: none"> • Anonymous Reporting System 	<p>during emergencies or times of distress. Train staff to handle crisis situations and provide appropriate assistance.</p> <ul style="list-style-type: none"> • Online Mental Health Resources:Develop a comprehensive online resource portal with articles, videos, self-help tools, and information on mental health services.Ensure that students can access these resources anytime, anywhere. • Faculty and Staff Training:Train faculty and staff to recognize signs of student distress and refer them to appropriate support services.Create a supportive environment in which students feel comfortable discussing their mental health concerns. • Collaboration with Local Services:Partner with local mental health organizations and clinics to ensure that students have access to off-campus mental health services when needed.Facilitate referrals and transportation for students seeking external support. • Budget Allocation:Allocate sufficient resources and funding to sustain mental health initiatives and services. Consider seeking grants or donations to support mental health programs. <p>By implementing these strategies, a university can create a supportive and nurturing environment that prioritizes the mental health and well-being of its students. This holistic approach to mental health can contribute to a more resilient and successful student body.</p>
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Annexure-6 List of Networking and Collaboration Requirements

Sl No	Types of academic infrastructure	Existing at GCU	Proposed plan for 5-10 years in GCU
1	Collaborations — Horizontal, Vertical & Diversified	<ul style="list-style-type: none"> As per the NEP 2020, requirement for collaborations regarding research and teaching partnerships with higher education institutes and industry, GCU has signed Memoranda of Understanding (MOUs) with several industries, Higher education and Research institutions. 	<ul style="list-style-type: none"> Signing more MoUs with industries in relevant sectors and local units to promote research and skill development. Forging partnerships with INIs (Institutes of National Importance). Collaborating with rural and urban local bodies and communities, particularly through initiatives like Unnat Bharta Abhiyaan (UBA), to address societal challenges and promote sustainable development
2	Alumni Association & Networks	<ul style="list-style-type: none"> The Girijananda Chowdhury Institute of Management and Technology (Guwahati) Alumni Association and the Girijananda Chowdhury Institute of Pharmaceutical Science Alumni Association, both established under the Societies Registration Act 1860, have embarked on a significant transformation. With the elevation of GIMT and GIPS to Girijananda Chowdhury University through Act No. XLVII of 2022 by the Assam Government, a new process has been initiated to create a unified Alumni Association for Girijananda Chowdhury University, which will amalgamate the alumni networks of both GIMT and GIPS. The association also periodically arranges various alumni engagement activities to maintain connections with our former students. An example of such an event is the felicitation ceremony held on April 21, 2023, honoring our alumnus Mr. Nayanjyoti Saikia, who emerged as the champion in Masterchef India Season 7. 	<ul style="list-style-type: none"> The Alumni Association & Networks at Girijananda Chowdhury University will focus on fostering strong connections among alumni and the institution through various initiatives: Organizing alumni conclaves and regular meetings to facilitate networking and information exchange among graduates. Hosting domain-specific workshops and research collaborations, with alumni playing a pivotal role as partners and mentors. Encouraging alumni contributions for research, infrastructure development, and other university enhancements. Establishing mentorship programs with alumni actively engaged as central stakeholders to guide current students. Encouraging alumni to actively contribute their expertise, resources, and support to various university and college programs and initiatives. Setting up incubation centers to provide funding and support for start-ups, with alumni as potential

			investors and mentors.
3	Industry Integrated Collaborations	<p>Collaborative engagements of GCU with industry have been in practice since long. Collaboration is undertaken by signing of MOUs to fulfill the following criterias:</p> <ul style="list-style-type: none"> • Collaborate in research & development, capacity building, skill development, joint diploma programs. • Offer specialized Vocational Training program Both Online as well as Offline for students of GCU • Offer joint certified course in Optical Fiber Networks, Mobile Network, Data Communication, Power Plant & UG cable etc. • Organize Vocational Training Programs like Summer/Winter/Weekend/Project trainings, Industrial visits • Conduct development programs on soft skills, motivational programs, leadership programs, and, team building programs, etc. • Organize and conduct seminars, conferences, events, conclaves, annual conference and Business plan contest etc. in joint collaboration subject to the availability of funds. • Conduct Hackathons or ideation events to encourage students to come up with ideas. 	<p>Following are the university future plans:</p> <ul style="list-style-type: none"> • Implementing industry-based internships and apprenticeships, facilitating captive placements for students. • Establishing strong partnerships with industries to co-create curricula and content across various disciplines. • Continuously updating the curriculum to align with emerging and future industry skills. • Encouraging open and live projects that benefit both learners and industries. • Collaborating with industries to establish centers of excellence (CoEs) to meet dynamic industry demands and to enhance employability opportunities to the students. • Integrating hands-on skilling into the curriculum through extensive industry stakeholder consultations. • Facilitating industry-sponsored research and innovation projects to foster a culture of cutting-edge advancements and problem-solving within the university.
4	Academics Integrated Collaborations	<ul style="list-style-type: none"> • Academic integrated collaborations play a pivotal role in enhancing the quality of education, promoting innovation, and preparing students for success in their careers and in addressing global challenges. The academic integrated collaborations have been well in practice by various department of 	<ul style="list-style-type: none"> • Establishing partnerships with academically proficient institutions for joint research, curriculum development, and more. • Facilitating student exchange programs to enhance intermobility among collaborating institutions. • Creating synergy for dual-degree programs and

		<p>the university. Collaborations with academic institutions have been established to fulfill the holistic learning, innovation research, career opportunities, and problem solving and global perspectives’.</p>	<p>research internships.</p> <ul style="list-style-type: none"> • Signing subject-specific Memorandums of Understanding with domain institutions for specialized training. • Pursuing international collaborations to broaden academic horizons. • Sharing workshop and laboratory resources and implementing joint on-the-job training arrangements for mutual benefit.
5	Research Collaborations	<p>Research Collaborative MOUs at national and international platform have been signed with institutes, universities and research laboratories involving (a) North East Cancer Hospital and Research Institute, Jorabat, (b) Assam Agricultural University (AAU)-Assam Rice Research Institute, Titabar, (c) Russian State University for the Humanities (RSUH) (d) Assam Biotech Park, Amingoan, Guwahati, and other institutes of eminence to carry out research activities. The cooperation shall also include:</p> <ul style="list-style-type: none"> • Joint scientific research • Exchange of scientific papers and publications, research materials (AI based image processing, image data, transcriptome analysis of rice plants and related biological materials), within the ethical framework. • Exchange of relevant academic information and publications • Promotion of participation of the faculty members in the courses, conferences, seminars, etc. • joint organization of conferences, seminars, workshops, etc. • Joint publications of academic work 	<ul style="list-style-type: none"> • Over the next few years, Girijananda Chowdhury University will foster robust research collaborations. • Multiple research entities will converge in shared domains, multiplying their research potential. • Collaborators will share databases, ensuring access to richer data sources and research tools. Additionally, access to each other's physical and cloud-based libraries and journals will be facilitated, enhancing resource availability. • Partnerships among research associates will be actively promoted to drive better research outcomes. The university will also embark on international and government-led research projects to further bolster its research initiatives.

		To initiate the exchange of scientific papers and publications, research materials (AI based image processing, image data, transcriptome analysis.)	
6	Consultancy Collaborations	<p>Research and innovation are the core focus areas of GCU. GCU guides and provides hands-on training to the students in different streams of their studies in their research that have academic importance and which can shed new lights on the current understanding of their subject matter. The faculty members and the research students of the GCU are encouraged to get engaged in research and innovation in the areas of societal relevance and significance. The GCU community strives for excellence in generating knowledge and innovations which can be extended towards the services of the society.</p> <p>Against this broad perspective, GCU promoting an attitude of serving the society amongst its teachers, students and researchers to build stronger industry-academia and academia –society interfaces, aimed at creating quality consultants amongst the faculty members and the research workers of the university and also to earn revenue for such consultancy services to make these efforts sustainable.</p> <p>Consultancy services offered by the faculty members/staff of the GCU include but not limited to the following services.</p> <ul style="list-style-type: none"> • Developing customized Product, Process and Services • Innovating design industrial and technology • Assessing technology • Conducting feasibility study • Designing software 	<ul style="list-style-type: none"> • Girijananda Chowdhury University will focus on its future plans in promoting faculty-based consultancy. This initiative aims to generate additional revenue while keeping faculty members updated on industry practices. As a result, we anticipate strengthening industry-institute relationships and fostering enhanced synergy through networking opportunities. • Some of the future plans and strategies for enriching the consultancy collaborations include: <ul style="list-style-type: none"> ✓ Maintaining potential network and outreach with businesses, government agencies, non-profits, and other potential clients. ✓ Enhance Alumni and industry partnership ✓ Build a consultancy services office to serve as centralized hub for managing consultancy projects. ✓ Having a clear consultancy process and policies ✓ Providing training and professional development opportunities to faculty and staffs who are involved in consultancy projects to enhance their skills and capabilities. ✓ Maintaining financial sustainability.

		<ul style="list-style-type: none"> • Conducting Environment Impact Assessment study • Conducting Energy Audit, etc. 	
7	Placement Collaborations	<p>The Training & Placement Cell established at the University plays a pivotal role in building an interface between academia and corporate houses by organizing various seminars, pre-placement talks, work-shops, training programs, industrial visits, summer placements and campus placements.</p> <p>The Cell maintains a close liaison with the Corporate Houses and other employers in order to facilitate the placement of the students. Moreover, the Cell tries to arrange interaction of the students with professionals from industry regularly so as to provide them with first-hand knowledge of the ever changing technology.</p> <p>Processes are on-going to attract the best of the recruiters to pick up our students both via on-campus and off-campus recruitment process. The Cell has the requisite state- of- the- art infrastructure to conduct various programs such as campus drives, seminars, workshops and training sessions.</p> <p>The Training and Placement Cell plays a vital role in providing various training programs both in-house and out-house -such as summer placement, workshops, seminars, industry visit, personality development programs, etc. to imbibe in the students and make them acquaintance with the corporate culture and the practical implication of the various theoretical subjects.</p> <p>The Cell handles all aspect of campus placements. The office is well equipped with excellent infrastructure to support every stage of the placement process. Arrangements for pre-placement talks, interviews, group discussions etc., are handled by the Cell. Earnest efforts</p>	<p>Over the next few years, Girijananda Chowdhury University will enhance its placement collaborations through strategic networking with local, national, and international companies across diverse industries. This initiative will prioritize student involvement, ensuring their active participation in internship programs and campus job placement services. The university aims to foster strong industry connections to facilitate career opportunities for its students.</p>

		<p>are made to attract the best of the recruiters to pick up our students both via on-campus and off-campus recruitment process.</p> <p>The placement policies and other related activities are handled by the Training & Placement Officer in consultation with the Faculty Coordinators and Student Representatives. The entire process of recruitment starting from identifying, contacting the possible recruiting corporate houses to organizing campus interviews is handled by the Placement Cell which consists of the TPO, Faculty Coordinators and nominated students from the departments</p>	
8	Collaborations for students-Earn While Learn model	Collaborations for Earn While Learn model hasn't been implemented yet.	<p>Over the next three years, Girijananda Chowdhury University will implement a dynamic "Earn While Learn" model for students through collaborative efforts. This plan will involve:</p> <ul style="list-style-type: none"> • Establishing live project initiatives: We will create live project opportunities within the university curriculum, allowing students to simultaneously learn and earn. • Hybrid learning approach: We'll introduce a flexible, hybrid learning model that enables students to seamlessly integrate these earning opportunities into their education. • Industry partnerships: We'll collaborate with various industries to provide students with a diverse range of earning prospects, aligning their education with real-world experiences and financial benefits
9	Collaborations with NGOs & Social service Organizations	At present, though no formal agreements have been signed between the University and NGO or Social Service Organizations, many joint events have been carried. A list of students co-curricular and extra-curricular activities events carried out are listed in	<p>For future prospects the university aims to enhance its collaborations with registered NGO's through the following strategies</p> <ul style="list-style-type: none"> • Focus on vocational courses in partnership with industry and NGOs so as to enhance the

		Annex-K	<p>employability of the youths of Assam and the sister states of the North-east region.</p> <ul style="list-style-type: none"> • Conducting rural outreach and fieldwork with Participatory Rural Appraisal (PRA) to sensitize both faculty and students to rural immersion. • Partnering with government programs like Unnat Bharat Abhiyan (UBA) and National Service Scheme (NSS) to advance our shared goals. • Engaging in technical and non-technical initiatives, including capacity building, extension services, and product development, to uplift the catchment area. • Facilitating rural internships and development internships for students. • Collaborating with local, national, and global NPOs, NGOs, and development organizations to identify key areas of development in the vicinity.
10	Membership with National & International Accreditation bodies for Quality & Credibility	<p>Presently, the University's B. Tech (Mechanical Engineering) and B. Pharm programmes of the University are accredited by the National Board of Accreditation (NBA). Additionally, the Girijananda Chowdhury Institute of Pharmaceutical Sciences (GIPS), Guwahati attained National Institutional Ranking Framework (NIRF) – 2023 ranking within the 101-125 bands. The University also received approval from AICTE and PCI (Pharmacy Council of India) for its programmes in Engineering, Computer Applications, Management and Pharmacy from the academic session 2023-2024.</p> <p>The Girijananda Chowdhury Institute of Pharmaceutical Sciences (GIPS) and Girijananda Chowdhury Institute of Management and Technology (GIMT) was awarded “Fund for Improvement of S&T Infrastructure (FIST)” from the <i>Department of Science and</i></p>	<p>The university will continue to diligently maintain its existing accreditation while also setting its sights on achieving NAAC accreditation in the near future. Following strategies will be implemented in the future:</p> <ul style="list-style-type: none"> • Enhancing quality service through educational innovations and best practices. • Enhancing research and development and consultancy services. • Aligning courses with international accreditation standards to ensure global recognition and competitiveness. • Obtaining certifications, accreditations, and rankings to elevate the university's brand value and attractiveness to students. • Implementing quality assurance frameworks within the institution to improve internal quality assurance and learning outcomes.

		<p><i>Technology</i> (DST), Government of India, and an <i>All India Council for Technical Education</i> (AICTE) sponsored IDEA-Lab facility apart from various research projects and fellowship from the DST, AICTE etc</p> <p>The University has also established Committee/s to monitor the progress of various Regulatory Bodies and accreditation committee/s.</p>	
11	Startup Network Infrastructure	<p>At present the University does not have Start-ups or Incubation Centers.</p>	<p>Future strategies:</p> <ul style="list-style-type: none"> • Establishing versatile incubation centers, catering to both generic and domain-specific needs, to nurture and mentor startups. • Creating funding tracks tailored to the unique requirements of startups, ensuring access to financial support at different stages of growth. • Implementing ideation and network boards dedicated to fostering innovation and collaboration among startups, faculty, and industry experts. • Developing robust digital infrastructure to provide startups with the necessary technological resources and tools for their growth and success.

Annexure-7 List of Effective Governance Structure

Sl No	Types of academic infrastructure	Existing at GCU	Proposed plan for 3 to 5 years in GCU
1	BoG/Senate/Syndicate	<p>When implementing an Institutional Development Plan (IDP) for a university, it's essential to consider key elements related to the functioning and staffing of the Board of Governors (BoG), Senate, Syndicate, and the involvement of alumni as major stakeholders. Girijananda Chowdhury University (GCU) has a fully functional BoG. The members of this group are as follows.</p> <ol style="list-style-type: none"> 1. Chancellor (Chairperson), GCU 2. Prof. Kandarpa Das (Vice-Chancellor, GCU), Member 3. Shri Jasodaranjan Das, Member 4. Shri Bijoyananda Chowdhury, Member 5. Smt. Gita Das Chowdhury, Member 6. Dr. Jayanta Deka, Member 7. Prof. Amarendra Kumar Das, Member 8. Shri Arabinda Rahang, Member 9. Ms. Kunki Chowdhury, Member 10. Dr. Bhupati Das, Member 11. Registrar, GCU, Member Secretary 	<p>Girijananda Chowdhury University (GCU) will pursue following important execution plans under its effective governance structure:</p> <ul style="list-style-type: none"> • Fully Functional Governing Body • Representation and Expertise • Transparent and participating governance • Defined Roles and Responsibilities • Actively engage Alumni in decision making processes • Alumni Networking and Outreach • Alumni Fundraising and Support • Academic Excellence and Innovation • Financial Oversight and Sustainability • Strategic Planning and Vision • Quality Assurance and Accreditation • Student and Faculty Representation • Community Engagement
2	Quality Assurance	<p>When implementing a Quality Assurance framework for a university, it's crucial to have well-defined processes, mechanisms to capture various aspects of governance, and clearly defined deliverables and outcomes. Here are some important points that are practiced by GCU:</p> <ul style="list-style-type: none"> • IQAC: The University has an active IQAC cell. It is aimed at continuous improvement of quality and achieving academic excellence. It adopts quality management strategies in all academic and administrative aspects. The IQAC adopts a participatory approach in managing its provisions. • Documented Processes: Documenting all key 	<p>GCU will implement following plans in future with respect to quality assurance:</p> <ul style="list-style-type: none"> • Data Collection and Analysis: Develop a system for collecting data on various aspects of university operations, including student performance, faculty productivity, and financial sustainability. Analyze data to identify areas for improvement and evidence-based decision-making. • External Benchmarking: Benchmark the university's performance against peer institutions regionally and internationally. Use benchmarking data to identify areas where the university can excel and areas

		<p>processes related to governance, academic affairs, administration, and student services. Ensure that these processes are easily accessible to stakeholders through a centralized repository or online platform.</p> <ul style="list-style-type: none"> • Stakeholder Engagement: Involve various stakeholders, including faculty, students, staff, alumni, and external experts, in the development and review of quality assurance processes. Establish mechanisms for regular feedback and input from stakeholders. • Academic Quality Assurance • Administrative Efficiency • Key Performance Indicators (KPIs)/ERP • Continuous Training and Development 	<p>requiring improvement.</p> <ul style="list-style-type: none"> • Compliance and Accreditation: Ensure that the university complies with all UGC regulations and accreditation requirements. - Prepare for accreditation reviews and assessments.
3	Financial autonomy	<p>The quality of institutions hinges on the management and faculty running them, their approach to policymaking, and the governance structures that underlie them. Funds are required to quality education at affordable price and to carry out the various reforms - modernization and strengthening of laboratories, class rooms, capacity enhancement (training of faculty and staff), transfer of knowledge and of best practices in the form of capacity development services, etc.</p>	<p>Financial autonomy and self-sustainability are crucial goals for universities, and there are several strategies and points to consider when implementing them in an Institutional Development Plan (IDP) with the support of the University Grants Commission (UGC). Following plans may be utilized in GCU:</p> <ul style="list-style-type: none"> • Diversification of Revenue Sources • Endowment Building • Research Chair Establishment • Industry Collaboration • Continuing Education Programs • Internationalization • Online Education and E-Learning • Efficient Resource Management • Grants and Research Funding • Alumni Engagement • Student Entrepreneurship • Transparency and Accountability • Risk Management • Monitoring and Evaluation
4	Leadership	<p>Effective functioning of an institution can be gauged by the policies and practices it has evolved in the matter of planning</p>	<p>In order to implement leadership-related strategies in an Institutional Development Plan GCU consider following key</p>

		<p>human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership. Effective leadership by setting values and participative decision making process is key not only to achieve the vision, mission and goals of the institution but also in building the organizational culture. The formal and informal arrangements in the institution to co-ordinate the academic and administrative planning and implementation reflects the institutions efforts in achieving its vision. Effective leadership is essential for the success and growth of a university.</p>	<p>points:</p> <ul style="list-style-type: none"> • Strategic Management: Vision and Mission, Strategic Planning, Resource Allocation, Performance Metrics. • Laying Down Objectives and Targets: SMART Goals, Alignment, Stakeholder Engagement, and Regular Review. • Leadership Development: Leadership Training, Succession Planning, Diversity and Inclusion. • Communication and Collaboration: Transparency, Collaboration, Effective Communication. • Ethical Leadership: Ethical Standards, Accountability. • Adaptability and Resilience.
5	<p>Vision, Mission and Roadmap for the HEIs</p>	<p>Girijananda Chowdhury University (GCU) shall create a culture of education that will provide students a transformative experience-intellectual, ethical, cultural and social. GCU envisions a society where our students shall contribute with unparalleled professionalism, competence and integrity while upholding the basic human values of liberty, justice and equality.</p> <p>Vision and Mission of the University is attached in the Annexure-L</p>	<p>Vision of the University is formed by following its long term goals, values and ethical principles, global and local relevance, stakeholder involvement, etc. Depending upon the requirement and need of the society vision may change to encompass its fundamental values. Following parameters are being utilized to inculcate Vision, Mission and Roadmap for the HEIs.</p> <ul style="list-style-type: none"> • Long-Term Strategic Planning: To develop a comprehensive, long-term strategic plan that outlines the university's vision for the next decade or more. Focus on identifying opportunities and leveraging strengths rather than dwelling on constraints. • Future-Centric Curriculum: Revise the curriculum to align with future-forward thinking, emphasizing emerging fields, interdisciplinary studies, and adaptable skill sets. Encourage students to explore innovative ideas and trends that will shape the future. • Research and Innovation Centers: Establish research centers and innovation hubs dedicated to exploring and addressing future challenges and opportunities. • Partnerships and Collaborations: Forge strategic partnerships with organizations, industries, and research institutions that share the university's vision of a bold and ambitious future.

			<ul style="list-style-type: none"> • Global Vision and Outreach: Expand the university's global reach by engaging in international research collaborations, student exchange programs, and global partnerships. • Innovation Incubators: Create innovation and entrepreneurship incubators that support students and faculty in developing and commercializing groundbreaking ideas.
6	Close monitoring by IT/ Web-based based Management Information System	<p>Implementing a close monitoring system through IT and a web-based Management Information System (MIS) is crucial for the efficient management of a university. Following strategies/tools are used in GCU for monitoring various activities:</p> <ul style="list-style-type: none"> • ERP (Enterprise Resource Planning) • Security Cameras (CCTV) 	<p>Girijananda Chowdhury University (GCU) will consider the following important parameters:</p> <ul style="list-style-type: none"> • Purposeful Implementation: for enhancing administrative efficiency, improving decision-making, and ensuring data accuracy. • Data Integration: Ensure that the MIS integrates data from various departments and functions across the university, including academic, financial, human resources, and student services. • Real-Time Data Access • User-Friendly Interface • Data Security and Privacy • Customizable Reporting • Key Performance Indicators (KPIs) • Automation of Processes • Feedback Mechanisms • Training and Support • Strategic Decision Support • Sustainability and Green IT Consider sustainability aspects in the implementation by optimizing server infrastructure and promoting eco-friendly practices.
7	Risk Management Analysis	<p>The university currently has the following Risk Management Strategy</p> <ol style="list-style-type: none"> 1. Natural Disaster Preparedness: Review and update the university's disaster preparedness plans, including responses 	<ol style="list-style-type: none"> 1. To analyze campus safety protocols and their alignment with insurance policies, especially for student injuries, workplace accidents, and visitor incidents. 2. To review liability coverage and ensure it adequately protects

		<p>to earthquakes, floods, hurricanes, wildfires, and other relevant natural disasters.</p> <p>2. Environmental Risks: Discuss potential environmental risks, such as hazardous material spills, pollution, or contamination.</p> <p>3. Student and Faculty Health: Discuss risks related to health, including pandemics, and ensure that insurance policies cover medical expenses, quarantine facilities, and liability related to health crises.</p> <p>4. Training and Education: Ensure that university staff and key stakeholders are educated about risk management and insurance-related matters.</p>	<p>the university in case of legal claims.</p> <p>3. To address cybersecurity risks and potential data breaches, ensuring that the university has cyber liability insurance to cover data loss and recovery expenses.</p> <p>4. To value financial risks, including budget shortfalls, investment losses, and revenue disruptions, and determine if there is insurance coverage available for such scenarios.</p> <p>5. To discuss legal liability risks and compliance with regulations affecting the university.</p> <p>6. To stay informed about emerging risks like emerging technologies, changing regulations, and evolving threats to ensure the insurance portfolio remains up-to-date.</p>
8	External Advisory Boards	<p>The university has External Advisory Board consisting of the following members:</p> <p>1. Prof. Maitrayee Chaudhuri (Former Professor, Centre For The Study Of Social Systems / School Of Social Sciences Jawaharlal Nehru University)</p> <p>2. Dr. Deiter Reinhard (Senior Researcher, South Asia Institute (SAI), Heidelberg University)</p> <p>3. Professor Sudipta Sarangi (Professor Of Economics At Virginia Tech. University, USA & Program Director For Economics At The National Science Foundation, USA)</p> <p>4. Professor Samir Bhattacharya (INSA Senior Scientist At Visva-Bharati)</p> <p>5. Prof. Ranjan Chakrabarti (Eminent Historian And Former Vice-Chancellor Of Vidyasagar University, West Bengal)</p> <p>6. Professor Prabuddha Ganguli (Renowned IPR Expert And Advisor VISION IPR, Mumbai)</p> <p>7. Dr. Antu Dey (Senior Vice President Of Vaccines R&D At Green Light Biosciences Inc.)</p> <p>8. Dr. Paramananda Saikia (Senior Scientist, Millipore Sigma, Boston, MA-01803, USA)</p> <p>9. Professor Santanu Borah (Professor Of Management,</p>	<ul style="list-style-type: none"> • To act as ambassadors for the university in the broader community, promoting its achievements and advocating for its interests with government bodies, industry associations, and other stakeholders. • To ensure that the university maintains the highest ethical standard in all its operations. • To collaborate with the university to establish key performance indicators and assessment metrics to ensure that the institution is meeting its goals and objectives.

		<p>University Of North Alabama, USA) 10. Dr. Mustafa A. Barbhuiya (Medical Director Of Clinical Chemistry And Point Of Care Testing At The Department Of Pathology, Baystate Medical Center, Springfield, MA, USA) The role of the board is to</p> <ul style="list-style-type: none"> • Assist in the development and refinement of the university's strategic plan. • To serve as a quality assurance mechanism, reviewing and assessing academic programs and research initiatives to ensure they meet high standards. • To offer guidance on university governance, including best practices in board management, ethics, and compliance. 	
9	Student Feedback	<p>University has an effective student feedback system to improve teaching quality, enhancing student learning experiences, and fostering a culture of continuous improvement. Objectives are communicated to all faculty members and students so that they understand the purpose and importance of the feedback process. Feedback results are shared with individual faculty members in a constructive and non-confrontational manner. It create a positive culture around feedback by emphasizing its role in personal and institutional growth</p>	<ul style="list-style-type: none"> • To ensure that feedback is collected anonymously to encourage honest and constructive feedback from students. • To develop a set of standardized feedback categories that encompass various aspects of teaching, including content delivery, communication skills, availability for student queries, and responsiveness to student needs. • To establish a process for analyzing the feedback data promptly. • To regularly evaluate the effectiveness of the feedback system and make necessary adjustments based on faculty and student input. • To stay open to changes in the methodology or frequency as the university's needs evolve.

Annexure-8 List of Financial Independence, Stability and Funding Models

Introduction:

This Finance Policy is established to ensure effective financial management and controls of Girijananda Chowdhury University, Assam. It outlines the principles and procedures of managing finances in compliance with standard accounting practices applicable to educational institutions.

1.Objectives of the Policy:

The primary objective of the policy is as follows:

1. Efficient Financial Management:

To develop, maintain, promote sound financial management systems, procedures and controls that enhance effective and efficient financial practices in the University.

2. Transparency and Accountability:

To maintain high level of transparency and accountability in financial reporting.

3. Compliance:

To comply with all applicable laws, regulations and accounting standards.

4. Efficient Resource Allocation/Budgetary Control:

To plan, coordinate and control revenue inflows and expenditures related to:

- i. Academic Research
- ii. Outreach activities/programs
- iii. Student Development and Welfare
- iv. Development and Welfare of Teaching and Non-Teaching Staff
- v. Capital budgeting
- vi. Procurement and Maintenance

5. Reporting and Communication:

To provide regular financial reports and updates to the government, sponsoring body, governing body, board of management, members and other stakeholders of the University fostering open communication and clear accountability.

6. Ethical Financial Practices:

To adhere to ethical financial practices and principles by avoiding unethical financial transactions/practices and misappropriation of funds.

7. Evaluation and Improvement:

To periodically evaluate the financial policy and related procedures, making necessary changes, improvements and revisions to adapt to the changing financial landscapes and needs of the University.

2. Definitions

- I. **Accounting Documents** means physical records or evidence of financial transactions, such as checkbooks, receipts, invoices, payment vouchers, bank statements and audit reports.
- II. **Asset** means any resource with economic value owned or controlled by the university, expected to provide future economic benefits.
- III. **Budget** means a formal financial plan detailing future expenses for a specified period.
- IV. **Sponsoring Body** means the Shrimanta Shankar Academy Society, Guwahati.
- V. **Governing Body** means the Governing Body of Girijananda Chowdhury University, Assam.
- VI. **Board of Management (BoM)** means the Board of Management of Girijananda Chowdhury University, Assam.
- VII. **Finance Committee** means the Finance Committee of Girijananda Chowdhury University, Assam.
- VIII. **Treasurer** means the Treasurer of the Sponsoring Body i.e., Shrimanta Shankar Academy Society, Guwahati.
- IX. **Expenditure** means the outflow of financial resources during ordinary activities.
- X. **Fixed Assets** means tangible assets acquired for continuous use beyond one year.
- XI. **Financial Statements** means includes Income and expenditure Statement, Balance Sheet, and Schedules prepared for the financial

year.

- XII. **Accounting Standards** means principles of accounting adopted by the Finance Department for preparing accounts.
- XIII. **AIE** means the Authority to Incur Expenditure.

3. Financial Administration

Financial Year

The financial year of the University shall run from April 1st to March 31st each year.

Management of University Finances

The overall responsibility for managing the university's financial resources lies with the University Board of Management. The Board of Management is responsible for:

- (a) Approving the University Annual Budget.
- (b) Approving policies.
- (c) Setting fees and other charges.
- (d) Administering university property and funds.

(e) Approving the Annual Financial Statements.

(f) For effective management, the BoM may delegate specific responsibilities to various university organizations/committees and individuals.

Finance Committee

The Finance Committee shall have the following powers and shall discharge the following functions:

(a) to advise the Governing Body and the BoM on any financial matter pertaining to the University for smooth functioning of the University.

(b) to monitor and review the financial position of the University quarterly.

(c) to regularly monitor the progress of income and revenue generation by the University and to make allocation to different heads from time to time for making expenditure on the basis of actual fund position.

(d) to examine and review the reports of the regular audit of the Accounts.

(e) to exercise such other powers and perform as assigned by the Governing Body and the Sponsoring Body.

Chief Finance and Accounts Officer

The Chief Finance and Accounts Officer is a salaried officer of the University with the following powers and functions:

(i) General supervision over university funds and advising on financial policy.

- (ii) Performing functions assigned by the BoM and the Sponsoring Body.
- (iii) Managing university property, investments, and endowments.
- (iv) Ensuring compliance with budget limits.
- (v) Preparing annual accounts and budgets.
- (vi) Monitoring cash and investments.
- (vii) Ensuring revenue collection and advising on collection procedures.
- (viii) Requesting necessary information from university offices with Competent Authority's approval.
- (ix) The Chief Finance and Accounts Officer is also the Member-Secretary of the Finance Committee and Fee Committee but does not have voting rights.

Treasurer

The Treasurer reporting to the Sponsoring Body, is responsible for:

- (i) Managing the university's financial resources.
- (ii) Coordinating and controlling budgets.

- (iii) Managing the investment portfolio.
- (iv) Preparing financial reports and statements.
- (v) Coordinating internal and external audits.
- (vi) Advising the sponsoring body on financial matters.
- (vii) Liaising with banks and ensuring statutory compliance.
- (viii) Additional duties may be assigned by the Sponsoring Body as needed.

Internal Auditor

There shall be an Internal Auditor, reporting to the Sponsoring Body. The Internal Auditor's primary responsibilities include:

- (i) Evaluating risk management, control, and governance systems.
- (ii) Assessing information security and regulatory compliance.
- (iii) Reporting on risk management issues and control deficiencies.
- (iv) Recommending improvements to enhance internal controls and mitigate risks.

Sources of University Funds

The University's funds shall be derived from various sources, including:

- (i) Student fees.
- (ii) Research grants from government and non-government agencies.
- (iii) Income from investments and services.
- (iv) Endowments, gifts, and donations.
- (v) Grants from government and private agencies.
- (vi) Consultancy fees.
- (vii) Loans from financial institutions.
- (viii) Any other sources approved by the BoM and the Sponsoring Body from time to time.

All received funds must be deposited into designated university bank accounts.

Application of University Funds

University funds shall be allocated to various areas, including:

- i. Salaries
- ii. Operating expenses, including administration, student services, and finance
- iii. Library resources and research
- iv. Education delivery and assessment expenses
- v. Capital expenditures
- vi. Investments and contributions to the corpus/reserve fund
- vii. Other expenses authorized by the BoM and the Sponsoring Body

Annual Budget

Before the start of each financial year, the Finance Committee, in consultation with the Board of Management, shall prepare the annual budget. This budget shall account for expected revenues and expenses, including:

- (i) Salaries, allowances, and benefits.
- (ii) Administrative and support services.

- (iii) Institutional scholarships and other support services for teaching and research.
- (iv) Development of physical facilities and infrastructure.
- (v) Maintenance of buildings, grounds and equipments.
- (vi) Creation of reserve/corpus funds for future or contingent liabilities.

4. Final Accounts and Audit

Responsibility and Timelines

- (a) Proper books and records of income, expenditure, assets, and liabilities shall be maintained.
- (b) The university's accounts shall be audited annually by external auditors.
- (c) The Finance Committee shall submit draft accounts to the BoM within four (04) months of the financial year's end for approval and audit.
- (d) Draft final accounts shall be submitted to external auditors within the prescribed statutory time frame.

Accounting Standards

The University financial statements shall adhere to Indian Accounting Standards (GAAP).

5. Recurring Expenditure

General Guidelines

- (a) Recurring expenses must adhere to approved budgetary limits of the annual budget.
- (b) Proposals to revise budget allocations may be approved by the Finance Committee and the BoM.
- (c) Increased expenditures in certain categories, such as salaries and wages, shall require supplementary estimates.

6. Payments to Suppliers

- (a) The university shall maintain good relationships with suppliers.
- (b) Payments for goods or services shall be made promptly, preferably within 15-20 days, subject to conditions and credit agreements.
- (c) The Accounts Officer is responsible for making payments on behalf of the University, except for petty cash disbursements.
- (d) AIE holders shall verify and certify invoices for payment.
- (e) Certifying officers must ensure accuracy, adherence to budgets, and proper receipt of goods or services.
- (f) Queries regarding pricing and quantity shall be promptly addressed.
- (g) The Purchase department shall record relevant information on each order.

7. Imprest/Petty Cash

Imprest/Petty Cash Accounting

- (i) The Accounts Officer in consultation with the Treasurer of the Sponsoring Body may make any imprest/ petty cash advances to specific offices/departments for the payment of basic and or minor items that may require for use from time to time.

- (ii) Any officer to whom an office petty cash advance has been made shall:
 - (a) Obtain and retain vouchers as evidence for each payment made from their respective funds.

 - (b) Ensure the secure custody of petty cash while it is within their possession.

 - (c) Adhere to the predefined limits for each separate payment as approved in writing by the Accounts Officer.

 - (d) Seek prior approval from the Accounts Officer and the Treasurer in cases where the estimated expenditure for a particular transaction is expected to exceed the initially authorized limit.

Processing of Petty Cash/Imprest Funds

The procedure for processing petty cash/imprest funds within the University shall follow these guidelines:

- (a) The authorized member of staff or any other officer requiring petty cash/imprest funds shall submit a formal requisition duly approved by the Competent Authority at least seven days in advance of the anticipated use to the Accounts Officer. The requisition shall include detailed information regarding the purpose for which the funds are required.

- (b) The Accounts Section shall verify that the applicant has no outstanding petty cash balances before approving the release of any additional

funds.

- (c) Payment for petty cash may be made either in cash or by cheque, depending on the amount involved. The processing of petty cash requests is expected to take a minimum of five working days.
- (d) No new imprest/petty cash shall be granted until the previous one has been properly accounted for and settled, unless exceptional circumstances warrant an extension, in which case approval must be sought from the Treasurer upon the recommendation of the Accounts Officer.
- (e) The Accounts department retains the right to recover outstanding imprest balances through the payroll system to ensure timely settlement.
- (f) All imprest/petty cash balances must be surrendered within one week after the completion of the planned trip or activity for which the funds were disbursed.
- (g) A petty cash float with a predefined limit shall be maintained under the imprest system to cater to minor office expenses, with an initial limit of Rs. 50,000/-. Any adjustments to this limit shall be made with the approval of the Treasurer of the Sponsoring Body.
- (h) Petty cash held within the premises of the University shall be stored securely overnight in a safe under the dual custody of responsible accounts officials.

8. Establishment of Employee Records and Salary Payments.

Records

- (a) Staff Payroll will be prepared every month by the Accounts Officer.

- (b) Any changes to the payroll, like addition and removal of staff need due approval from the Registrar.
- (c) The Accounts Officer will maintain employee records for salary payments, contributions and taxes
- (d) Any adjustment to employee earnings will need necessary approval from higher authority.

Payments

- (a) The Accounts Officer with due approval from the Finance Committee and the BoM will decide new salary, scales, wages and allowances for teaching and non-teaching staff.
- (b) The Accounts Officer will handle salary, wage and compensation under the Treasurer's direction.

9. Capital Expenditure

- (a) Before giving the green light to any spending plan involving capital expenses, the Governing Body must review a report from the Accounts Officer. This report will outline the financial impact of the proposal and specify any budgeted amount for the project.
- (b) Having a capital expense in the annual budget does not automatically imply that it is approved. The BoM must specifically authorize it only after the Governing Body's approval and confirmation of available funds from the Finance Committee.
- (c) If a project's total cost is likely to exceed the approved budget, the Accounts Officer will report to the BoM. The Board can recommend the Governing Body for additional funding. Budget provisions will be made only after the due approval of the Governing Body.
- (d) If the Governing Body approves a capital project not originally in the capital expenditure plan, it becomes an amendment to the budget.
- (e) When capital projects are completed, their costs and authorized provisions will be reported to the relevant committee. The report will also

mention any extra funding needed, subject to approval from the Finance Committee, Board of Management and the Governing Body.

- (f) The Accounts Officer will periodically update the Board of Management on the progress of the capital budget.

10. Expenditure Control

The Accounts Officer shall be in charge of closely monitoring, controlling, supervising expenditures and reporting the BoM on any contemplated expenditure or any other expenditure incurred exceeding the amount allocated in the estimates.

11. Recovery

Collection and Recovery of Income

- (a) The oversight of recording and calculating all recoveries owed to the University shall fall under the general supervision of the Accounts Officer.
- (b) Any funds owed to the University must be deposited into a designated bank account of the university and deposit slips should be submitted to the Accounts Department for acknowledgment once they have been verified.
- (c) University employees authorized to receive such funds are required to maintain a record, as approved by the Accounts Officer, detailing all received amounts, which should then be deposited either with the Accounts Department or the University's banking institution.
- (d) No deductions from cash collections are allowed without the prior recommendation of the Accounts Officer, in consultation with the Finance Committee. University officials receiving funds on behalf of the institution bear personal responsibility for safeguarding these funds and should deposit them with the Accounts Department within 24 hours of receipt.
- (e) All funds received on behalf of the University should be deposited in the designated university's bank account within a period of at least

24 hours.

Recovery of Dues

- (a) The Finance Committee shall take measures to recover dues owed to the University.
- (b) Regarding the recovery of outstanding student fees and charges, the BoM shall be authorized to initiate any necessary actions for debt recovery in accordance with the approved fees policy.
- (c) In situations arising from the pursuit of paragraph (ii) above, where legal action becomes necessary and is deemed beneficial for the University's interests, the matter will be referred to the Governing Body, which will authorize the commencement of such legal proceedings.
- (d) The Accounts Officer, under the direction of the Finance Committee shall be responsible for designing, ordering, and overseeing all receipt forms and tickets used to acknowledge payments made to the University.
- (e) No debt shall be written off without prior approval from the Finance Committee.

12. Banking

Banking Procedures

- (a) Bank accounts will be established upon approval by the Sponsoring Body and the Board of Management (BoM), with designated signatories appointed by the Finance Committee.

- (b) Any changes to bank signatories and signing authorities can only be made with Sponsoring Body and the BoM's approval.
- (c) The Treasurer and the Accounts Officer will be responsible for all dealings with the University's banking partners regarding bank accounts and related transactions.
- (d) Approval from the Sponsoring Body and the BoM is required for establishing an overdraft facility on the primary bank account.
- (e) The Accounts Officer, in consultation with the Treasurer will be responsible for ordering cheques, and suitable arrangements will be made for their secure storage both at the bank and in the office.
- (f) All cheques currently in use should be recorded in the check register maintained by the Accounts department.
- (g) Every cheque must have two authorized signatories as approved by the Sponsoring Body and the BoM.

Bank Reconciliation Statement

- (a) To enhance internal control and cash movement monitoring, the Treasurer and the Accounts Officer will have access to all bank accounts through e-banking services provided by banks offering such facilities.
- (b) The Accounts Officer will also be responsible for preparing a monthly cash flow report, which must be submitted to the Treasurer weekly.
- (c) Bank reconciliation statements for all bank accounts will be prepared monthly and submitted to the Treasurer by the first week of the following month.

13. Accountable Documents

Custody

- (a) All accountable documents must be logged in an Accountable Documents Register and entrusted to a designated officer within the Accounts department. Loss of serialized accounting documents should be promptly reported to the Accounts Officer and Treasurer.
- (b) Unauthorized copying or sharing of accounting documents and records with university employees or third parties is strictly prohibited without the authorization of the Accounts Officer.
- (c) Accounting documents must be stored in accordance with relevant guidelines and treated with utmost confidentiality.

14. Accounting Arrangements

Stock and Stores (including consumables)

- (a) A University Store shall be established within the Purchase Department for departments to place orders for necessary items and consumables.
- (b) The store manager is responsible for ensuring that the stock levels do not exceed reasonable requirements.
- (c) The store manager is accountable for the care and safekeeping of all items, equipment, and materials within the store.
- (d) Each store unit shall maintain records of physical stock, its usage, and the remaining balance, in a format approved by the Accounts Officer.
- (e) The Accounts Officer shall establish general principles governing the accounting for materials and consumables drawn from these stores, including pricing.

- (f) The Internal Auditor has the authority to inspect and audit stocks and consumables in any University unit at a reasonable time and request necessary explanations and information for cost, accounting, or security purposes.
- (g) The storekeeper shall conduct continuous stocktaking and provide the Accounts Officer with a certified inventory report as of March 31st each year, marking the end of the financial year.
- (h) In the event of a deficiency or surplus discovered during stocktaking, the Accounts Officer, in consultation with the President, shall recommend appropriate corrective actions.
- (i) The disposal of obsolete or unserviceable items or assets requires approval from the Board of Management (BoM).

Fixed Assets

- (a) As a policy, the University shall acquire assets only to fulfill its objectives.
- (b) The acquisition of assets shall result from a deliberate consideration of requests made through the planning process.
- (c) A register shall be maintained for all assets, recording each item's cost, revaluations (if any), and location. For certain assets, details of reconditioning, improvements, or bonding shall also be documented.
- (d) Upon acquisition, all assets must be recorded in the fixed assets register, which will include physical details and location. Each asset will receive an identification number.
- (e) The location and custody of any asset, regardless of size or duration, must be clearly identifiable from the asset register and the respective department or section responsible.

(f) Depreciation of assets, except for land, shall be determined based on their estimated useful life, with the depreciation method being applied to the written-down value.

15. Internal Audit

- (a) An Internal Auditor, under the Treasurer’s direction, is responsible for conducting continuous examinations and audits of accounts, financial records, transactions, and inventories.
- (b) The Accounts Officer and all other University officers and employees must provide the Internal Auditor(s) with any records and documents they may require during the course of their duties.
- (c) The Internal Auditor has the authority to inspect any University section or department and access relevant reports and documents. They may request the production of cash, inventory, and other property, and receive explanations as deemed necessary to produce an informed report for the Audit Committee.
- (d) Despite the provisions in this clause, the Internal Audit division shall adhere to best practices and Indian Auditing Standards in performing their duties.

16. Irregularities

If the BoM or the Finance Committee determines that an irregularity has occurred in the handling of university finances, inventory, or other assets, an investigation shall be initiated to ascertain the nature and extent of the irregularity or fraud.

The BoM, upon advice from the Governing Body, will determine how the results of these investigations shall be addressed.

17. Review and Effectiveness

This Policy may be amended by the BoM as needed, with recommendations for amendments being presented by the Finance Committee to the BoM.

This Policy shall become effective on the date it receives approval from the BoM and the Governing Body.

Annexure-A



Girijananda Chowdhury University, Assam

Bina Chowdhury Central Library (BCCL)

Information about the Library

The Bina Chowdhury Central Library (BCCL) occupies total carpet area of 6481.76 sq. ft. in where the main library occupies 3021.92 sq. ft. carpet area and Reading Room has 3459.84 sq. ft. carpet area with seating capacity of 120. The central library is full of different textbooks, reference books and other reference sources like encyclopedias, dictionaries, novels, biographies etc. The library is divided into different sections that house the Reading Room Corner, Textbook Corner, Periodical Corner, Reference Corner, Internet Section, Dissertation Corner, Circulation Corner, Technical Processing Section and the Competitive Examination Corner – a section set aside for students who are preparing for GPAT & GATE. The library, which is central to providing quality Engineering, Management, Pharmaceutical education to students, currently boasts over 40000 volumes books serving near about 2500 students and 180 faculty & staff. These include textbooks, reference books, journals, and other material such as dissertations, CD-ROMs, and a number of electronic resources like E-Journals subscribed through J-Gate, Science Direct and DELNET Consortium. Apart from providing a strong and vital support to the fraternity, plans are in place to provide innovative solutions like Digital Reference Services, Electronic Document Delivery Services beyond the four walls of the library.

The library follows DDC 22nd Edition for classification and AACR-II for cataloguing the documents respectively. The library is partially automated with the Library Management Software SOUL 2.0. developed by INFLIBNET Centre, Ahmedabad.

With the union of the earlier GIMT Library and GIPS Library in the year 2018 as one library, the central library is renamed as Bina Chowdhury Central Library (BCCL) in the loving memory of Late Bina Chowdhury, founder president of Srimanta Shankar Academy (SSA). The library is located at the ground floor of the newly constructed boy's hostel within the university campus.

KOHA:

Bina Chowdhury Central Library, GCU is partially automated with the KOHA 23.05.01 - an open source library management software in the year 2023. The house keeping operations like circulation of books, cataloguing of books, opac search etc. are maintained through this software.

Digital Library, GCU:

The Digital Library of GCU, Assam is an online location for collecting, preserving and disseminating the University's output to the entire scholarly community in open access. The Digital Library, GCU is implemented by BSM International with D-space software in the year 2023.

Sl. No.	Campus	Particulars	Data
1	Guwahati Campus	Total no. of Titles of Books	6718
2		Total no. of Volume of Books	46884
3		Total no. of e Journals	J Gate and Delnet
4		Total no. of Magazines	14
5		Total no. of News Papers	03 (Common)
6		Total no. of Titles of Books	2615
7		Total no. of Volume of Books	570

8	Tezpur Campus	Total no. of e Journals	Delnet	
9		Total no. of Magazines	2	
10		Total no. of News Papers	2	
S.No .	Total Space(all kinds)	Computer/ Communication facilities	Total No. of Ref. Books (Each Department)	All Research Journals subscribed on a regular basis
	5930 sq. ft.	Total no of computers in the Library =21 10 for Internet browsing, 2 for OPAC search, 5 for Circulation purpose, 2 for SOUL 2.0 server 2 for official purpose	Volume -47742 (As per Library Accession Register- GIPS & GIMT)	Subscribed Print Journals- 2022 (Engg & Mnngt) = 17 Subscribed Print Journals- 2022 (Pharmacy) = 46 Subscribed e-journal Package for Engg. & Management (2022) = Delnet & J-Gate (JET) Subscribed E-Journal Package for Pharmacy (2022) = Delnet

	210 square meter	5 computer set for study purpose and 1 computer for OPAC.	75 no. Reference books	<p>10 journals.</p> <p>Research Journal of Pharmacy and Technology</p> <p>International Journal of Pharmaceutical Science and Nanotechnology</p> <p>Indian Journal of Pharmaceutical Sciences</p> <p>Indian Journal of Pharmaceutical Education and research</p> <p>Asian Journal of Phannaceutical Research</p> <p>International Journal of Pharmacy and Therapeutics</p> <p>International Journal of Experimental Pharmacology</p>
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				Indian Journal of Pharmaceutical Science and Research Acta Biomedica Scientia Journal of Hospital Pharmacy
	400 ft ² (Departmental Library cum Reading Room)	3-Computer Laboratories are available viz. Lab-I, Lab-II, Lab-III comprising total of 70 computer systems	123 (MCA)	Nil
	3 Almirah	NA	136 (Maths)	Nil
	Wooden Almirah (Size Length 5 feet, Breath 3 feet) 2 Nos.	Nil	1573 Books (MBA)	No
	Steel Almirah (Size Length 6 feet, Breath 2.8 feet) 14 Nos. Under Book Bank Facility for MBA students Linked with the main library of GCU Guwahati	Nil		No
	3 Almirah	NA	136 (CSE)	Nil
	1- ALMIRAH	NA	70 (Physics)	Nil
	Total Size (in Feet): 42x18	2 no. of Computers with internet facility	500 (ECE Department)	International Journal of Advances in Engineering Sciences and Applied Mathematics Electronics For you Journal of Applied Electronics and Instrumentation Engineering Institute of Engineers-Study

				Materials Made Easy Study materials GATE study materials- The GATE Coach
	2 nos Almirah	Nil	101 nos(CE)	Nil
	55.25 sq ft	0	165 (EE)	Nil

Annexure-B

Information About the Equipments							
School of Engineering and Technology							
Department: Civil Engineering							
List of Laboratory Equipments							
Sl.No.	Item Description	Location/ Department	Present Condition	Internet Connectivity	Specification s	Quantity	Date of Purchase
1	Jar test apparatus with four Jar	Environment Engineering Lab	Working	NA	NA	1	NA
2	Digital Turbidity Meter	Environment Engineering Lab	Working	NA	NA	1	NA
3	Digital PH Meter	Environment Engineering Lab	Working	NA	NA	1	NA
4	Oven of 300 Degree capacity	Environment Engineering Lab	Working	NA	NA	1	NA
5	Distilling Unit	Environment Engineering Lab	Working	NA	NA	1	NA
6	BOD Incubator	Environment Engineering Lab	Working	NA	NA	1	NA
7	COD Digestor	Environment Engineering Lab	Working	NA	NA	1	NA
8	Muffle Furnace	Environment Engineering Lab	Working	NA	NA	1	NA
9	Burette 50ml	Environment Engineering Lab	Working	NA	NA	10	NA
10	Burette clamp Single	Environment Engineering Lab	Working	NA	NA	10	NA
11	Pipette volumetric 25ml	Environment Engineering Lab	Working	NA	Borosil	6	NA

12	Pipette volumetric 20ml	Environment Engineering Lab	Working	NA	Borosil	6	NA
13	Dropper plastic	Environment Engineering Lab	Working	NA	NA	10	NA
14	Beaker Low form 2000 ml	Environment Engineering Lab	Working	NA	Borosil	3	NA
15	Beaker Low form 500 ml	Environment Engineering Lab	Working	NA	Borosil	5	NA
16	Beaker Low form 100 ml	Environment Engineering Lab	Working	NA	Borosil	5	NA
17	Conical Flask 250ml	Environment Engineering Lab	Working	NA	Borosil	12	NA
18	Porcelain Basin	Environment Engineering Lab	Working	NA	NA	4	NA
19	Measuring cylinder 1000ml	Environment Engineering Lab	Working	NA	Borosil	2	NA
20	Measuring cylinder 250ml	Environment Engineering Lab	Working	NA	Borosil	8	NA
21	Measuring cylinder 100ml	Environment Engineering Lab	Working	NA	Borosil	8	NA
22	Pipette Bulb	Environment Engineering Lab	Working	NA	Borosil	10	NA
23	Funnel 75mm	Environment Engineering Lab	Working	NA	NA	5	NA
24	Desiccator with conea	Environment Engineering Lab	Working	NA	NA	1	NA
25	Test tube with Rim	Environment Engineering Lab	Working	NA	NA	10	NA
26	Test tube stand	Environment Engineering Lab	Working	NA	NA	5	NA
27	Glass Rod	Environment Engineering Lab	Working	NA	NA	3	NA

28	Spatula	Environment Engineering Lab	Working	NA	NA	2	NA
29	Heat proof gloves	Environment Engineering Lab	Working	NA	NA	2	NA
30	Vicat's apparatus	Concrete Technology Lab	Working	NA	NA	2	24-08-2016
31	Le chateliar Apparatus	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
32	IS Sieve Set(Coarse Aggregate)	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
33	IS Sieve Set(Fine Aggregate)	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
34	Cast iron cube mould 150x150mm	Concrete Technology Lab	Working	NA	NA	16	24-08-2016
35	Cylindrical mould 150x300mm	Concrete Technology Lab	Working	NA	NA	9	24-08-2016
36	Wrench	Concrete Technology Lab	Working	NA	NA	2	24-08-2016
37	Hammer(medium size)	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
38	Measuring cylinder 1000ml capacity	Concrete Technology Lab	Working	NA	NA	2	24-08-2016
39	Measuring cylinder 500ml capacity	Concrete Technology Lab	Working	NA	NA	2	24-08-2016
40	Measuring cylinder 100ml capacity	Concrete Technology Lab	Working	NA	NA	3	24-08-2016
41	Measuring cylinder 50ml capacity	Concrete Technology Lab	Working	NA	NA	4	24-08-2016

42	Slump test apparatus	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
43	Competition factor Apparatus	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
44	Enamel coated trays 600x450x50	Concrete Technology Lab	Working	NA	NA	5	24-08-2016
45	Enamel coated trays 450x300x40 tray	Concrete Technology Lab	Working	NA	NA	3	24-08-2016
46	Enamel coated trays 300x250x40 tray	Concrete Technology Lab	Working	NA	NA	3	24-08-2016
47	Electric Balance (220 kg)	Concrete Technology Lab	Working	NA	NA	1	24-08-2016
48	Trowel	Concrete Technology Lab	Working	NA	NA	3	24-08-2016
49	Flexural testing machine hnd operator	Concrete Technology Lab	Working	NA	NA	1	28-09-2016
50	Vibration table top 100x100cm	Concrete Technology Lab	Working	NA	NA	1	28-09-2016
51	Cube mould 70.6mm	Concrete Technology Lab	Working	NA	NA	9	17-10-2016
52	Measuring cylinder for aggregate crushing test	Concrete Technology Lab	Working	NA	NA	1	17-10-2016
53	Water bath	Concrete Technology Lab	Working	NA	NA	1	17-10-2016
54	Compression testing machine (2000 KN)	Concrete Technology Lab	Working	NA	NA	1	17-10-2016

55	Coarse aggregate Sieve 200 mm set of 10 sieve	Transportation Engineering Lab	Working	NA	NA	2	24-08-2016
56	Fine aggregate Sieve 450 mm set of 10 sieve	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
57	Aggregate impact testing mechine	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
58	Extra Ball Set	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
59	Aggregate crushing value apparatus	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
60	Thickness gauge	Transportation Engineering Lab	Working	NA	NA	2	24-08-2016
61	Length gauge	Transportation Engineering Lab	Working	NA	NA	2	24-08-2016
62	Pycnometer	Transportation Engineering Lab	Working	NA	NA	5	24-08-2016
63	Perforated Plate,148m Dia	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
64	Displacer Block,148mm Diax47.7mm High	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
65	Annular Metal Weight, 2.5 kg 147mm Dia	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
66	Slotted Metal weight.2.85 kg 147mm Dia	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016

67	Metal Tripod stand for Doa/gauge	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
68	Cutting Colar with Chromium plating	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
69	Rammer 2.6kg weight with A drop of 310mm	Transportation Engineering Lab	Working	NA	NA	1	24-08-2016
70	Rammer 4.89kg weight with A drop of 450mm	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
71	Proving ring 1000kg capacity with 0.002mm Dial gauge	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
72	Dial Gauge 0.01mm x 25mm	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
73	Annular Metal Weight, 5 kg 147mm Dia	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
74	Slotted Metal weight 5 kg 147mm Dia	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
75	Balance of capacity 5kg	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
76	Density Basket	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
78	1 lit Measuring cylinder	Transportation Engineering Lab	Working	NA	NA	1	29-08-2016
79	Los angeles abrasion machine	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
80	Deval attrition testing machine	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016

81	CBR Apparatus	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
82	CBR Mould 150mmx175mm high gun metal	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
83	Penetration piston face dia 50mm	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
84	Marshall stability accessories	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
85	Humidity cum temperature measuring m/c	Transportation Engineering Lab	Working	NA	NA	1	28-09-2016
86	Steel or aluminium container for diameter 55mm	Transportation Engineering Lab	Working	NA	NA	2	NA
87	Enamel tray	Transportation Engineering Lab	Working	NA	NA	2	NA
88	Low temperature thermometer	Transportation Engineering Lab	Working	NA	NA	1	NA
89	Medium temperature thermometer	Transportation Engineering Lab	Working	NA	NA	1	NA
90	Vaccum system	Transportation Engineering Lab	Working	NA	NA	2	NA
91	Brass Mould	Transportation Engineering Lab	Working	NA	NA	3	NA
92	Brass Ring	Transportation Engineering Lab	Working	NA	NA	1	NA
93	Ring and Ball Apparatus	Transportation Engineering Lab	Working	NA	NA	2	NA
94	Steel ball, brass ring, ball guide	Transportation Engineering Lab	Working	NA	NA	2	NA

95	Stirrer	Transportation Engineering Lab	Working	NA	NA	2	NA
96	Beaker 500 ml	Transportation Engineering Lab	Working	NA	NA	2	NA
97	Mixer for stripping value	Transportation Engineering Lab	Working	NA	NA	1	NA
98	Pan for heating bitumen	Transportation Engineering Lab	Working	NA	NA	2	NA
99	Is 1.7mm sieve	Transportation Engineering Lab	Working	NA	NA	3	NA
100	Orifice & mouth Piece Apparatus	Basic Fluid Mechanics Lab	Working	NA	National Instruments Corporation,2016,NIC No 7001	1	NA
101	Bernoullis theorem apparatus	Basic Fluid Mechanics Lab	Working	NA	National Instruments Corporation,2016,NIC No 7002	1	NA
102	Discharge over triangular notch apparatus	Basic Fluid Mechanics Lab	Working	NA	National Instruments Corporation,2016,NIC No 7003	1	NA
103	Impact of Jet Apparatus	Basic Fluid Mechanics Lab	Working	NA	National Instruments Corporation,2016,NIC No 7004	1	NA
104	Losses in Piped apparatus	Basic Fluid Mechanics Lab	Working	NA	National Instruments Corporation,2016,NIC No 7005	1	NA
105	Liquid limit device (Casagrande)	Geotechnical Engineering Lab	Working	NA	NA	3	NA

106	Plastic limit (glass plate)	Geotechnical Engineering Lab	Working	NA	NA	4	NA
107	Modified Proctor test mould	Geotechnical Engineering Lab	Working	NA	NA	1	NA
108	Standard Proctor test mould	Geotechnical Engineering Lab	Working	NA	NA	4	NA
109	Core cutter field density kit	Geotechnical Engineering Lab	Working	NA	NA	4	NA
110	Sand Pouring Cylinder	Geotechnical Engineering Lab	Working	NA	NA	2	NA
111	Variable head Permeability	Geotechnical Engineering Lab	Working	NA	NA	2	NA
112	Sieve shaker motorized 200 mm	Geotechnical Engineering Lab	Working	NA	NA	1	NA
113	Sieve shaker motorized 400 mm	Geotechnical Engineering Lab	Working	NA	NA	1	NA
114	Split spoon	Geotechnical Engineering Lab	Working	NA	NA	1	NA
115	Heavy Proctor compaction apparatus (Rammer)	Geotechnical Engineering Lab	Working	NA	NA	4	NA
116	Light Proctor compaction mould 100 mm	Geotechnical Engineering Lab	Working	NA	NA	4	NA
117	Dessiccator	Geotechnical Engineering Lab	Working	NA	NA	1	NA
118	Digital soil meter	Geotechnical Engineering Lab	Working	NA	NA	1	NA

119	Cone Penetration apparatus	Geotechnical Engineering Lab	Working	NA	NA	2	NA
120	Seive Set (75mm-4.75 including pan mm)	Geotechnical Engineering Lab	Working	NA	NA	1	NA
121	Hammer 12kg	Geotechnical Engineering Lab	Working	NA	NA	4	NA
122	Oven	Geotechnical Engineering Lab	Working	NA	NA	1	NA
123	Digital balance	Geotechnical Engineering Lab	Working	NA	NA	1	NA
124	Sample containers	Geotechnical Engineering Lab	Working	NA	NA	22	NA
125	Density Bottle	Geotechnical Engineering Lab	Working	NA	NA	3	NA
126	Enamel tray	Geotechnical Engineering Lab	Working	NA	NA	5	NA
127	Measuring cylinder(1000ml, 100ml, 25ml)	Geotechnical Engineering Lab	Working	NA	NA	2	NA
128	Graduated jar (500ml) polycarbonate	Geotechnical Engineering Lab	Working	NA	NA	3	NA
129	Wooden Box of weight	Geotechnical Engineering Lab	Working	NA	NA	4	NA
130	Strak plate ,Percelin make	Geology & Rock Mechanics Lab	Working	NA	NA	20	11-03-2015
131	Hardness Scale Box	Geology & Rock Mechanics Lab	Working	NA	NA	3	11-03-2015
132	Quartz, Feldspar	Geology & Rock Mechanics Lab	Working	NA	NA	10	11-03-2015

133	Microcline, Gypsum	Geology & Rock Mechanics Lab	Working	NA	NA	10	11-03-2015
134	Biolite, Muscovite, Tourmaline	Geology & Rock Mechanics Lab	Working	NA	NA	15	11-03-2015
135	Calcite, Dolomite, Plagioclase	Geology & Rock Mechanics Lab	Working	NA	NA	15	11-03-2015
136	Sillimanite, Rock hand specimen (6x7) 5 each	Geology & Rock Mechanics Lab	Working	NA	NA	5	11-03-2015
137	Coglomerate, Amphibolite	Geology & Rock Mechanics Lab	Working	NA	NA	10	11-03-2015
138	Graniute, Shale	Geology & Rock Mechanics Lab	Working	NA	NA	10	11-03-2015
139	Gneiss, Gabro	Geology & Rock Mechanics Lab	Working	NA	NA	10	14-03-2015
140	Schist, Quartzite, Syenite, Phyllite	Geology & Rock Mechanics Lab	Working	NA	NA	20	14-03-2015
141	Lime stone, sandstone, Dolerite	Geology & Rock Mechanics Lab	Working	NA	NA	15	14-03-2015
142	Slate, Marble	Geology & Rock Mechanics Lab	Working	NA	NA	10	14-03-2015
143	Ranging Rods	SURVEYING LAB	Working	NA	NA	30	NA
144	Levelling Staffs	SURVEYING LAB	Working	NA	NA	20	NA
145	Dumpy Levels	SURVEYING LAB	Working	NA	NA	6	NA
146	Vernier Theodolite	SURVEYING LAB	Working	NA	NA	8	NA
147	Plane Table	SURVEYING LAB	Working	NA	NA	8	NA
148	Tripod Stand	SURVEYING LAB	Working	NA	NA	83	NA
149	Measuring Chain-20m	SURVEYING LAB	Working	NA	NA	3	NA
150	Measuring Chain-30m	SURVEYING LAB	Working	NA	NA	22	NA
151	Measuring Tape	SURVEYING LAB	Working	NA	NA	5	NA

152	Metallic Arrows	SURVEYING LAB	Working	NA	NA	220	NA
153	Prismatic Compass	SURVEYING LAB	Working	NA	NA	12	NA
154	Spirit Level	SURVEYING LAB	Working	NA	NA	8	NA
155	Total station	SURVEYING LAB	Working	NA	NA	2	NA
156	Tilting Level	SURVEYING LAB	Working	NA	NA	2	NA
157	Auto Level	SURVEYING LAB	Working	NA	NA	6	NA
158	Trough Compass	SURVEYING LAB	Working	NA	NA	16	NA
159	Tangent clinometer	SURVEYING LAB	Working	NA	NA	5	NA
160	Alidade	SURVEYING LAB	Working	NA	NA	8	NA

List of computers (desktop/laptop)

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Desktop - 9	HoD/Faculty/Dept	Working	Yes		
2	Laptop - 1	Faculty	Working	Yes		

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Smart Board -1 No.	Room No.015	Working	Yes		
2	Printer -2 No.	HoD/Dept.	Working	No	Canan/HP	
3	UPS - 10	Dept./Faculty/015	Working	No		

School of Engineering and Technology						
Office of Dean (Civil Engg.)						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Desktop - 2	Dean/Clerk	Working	Yes		
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Printer -1 No.	O/O.of the Dean	Working	No	Canan/HP	
3	UPS - 2	Dean/Office of the Dean	Working	No		

School of Engineering and Technology						
Department: Mechanical Engineering						
List of Laboratory Equipments						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Quantity
1	CO2 Laser Cutter	AICTE IDEA LAB	Working	NA	Make: SIL	1
2	Vinyl Cutter	AICTE IDEA LAB	Working	NA	Make: Graphtec	1
3	3D Printer	AICTE IDEA LAB	Working	NA	Make: Snapmaker, Raise 3D Pro 2 Plus	2
4	3D Scanner	AICTE IDEA LAB	Working	NA	Make: Artec Eva	1
5	CNC Wood Router	AICTE IDEA LAB	Working	NA	Make: SIL	1

6	PCB Prototype Machine	AICTE IDEA LAB	Working	NA	Make: Robofi	1
7	Sublimation Machine	AICTE IDEA LAB	Working	NA	Make: Subliat	1
8	Solder Station	AICTE IDEA LAB	Working	NA	Make: Soldron	10
9	Desoldering station	AICTE IDEA LAB	Working	NA	Make: Soldron	10
10	Digital Storage Oscilloscope	AICTE IDEA LAB	Working	NA	Make: Rigol	2
11	Signal Generator	AICTE IDEA LAB	Working	NA	Make: Scientec	4
12	Benchtop Multimeter	AICTE IDEA LAB	Working	NA	Make: Fluke	3
13	Vaccum Cleaner	AICTE IDEA LAB	Working	NA	Make: Eureka Fobes	2
14	Hot Air Gun	AICTE IDEA LAB	Working	NA	Make: Soldron	5
15	Digital Multimeter	AICTE IDEA LAB	Working	NA	Make: Fluke	5
16	Cordless Drilling Machine	AICTE IDEA LAB	Working	NA	Make: Ibell	2
17	Hot Air Blower with soldering Iron	AICTE IDEA LAB	Working	NA	Make: Bosch	1
18	Oscilloscope	AICTE IDEA LAB	Working	NA	Make: Scientec	1

19	Conventional Lathe	Central Workshop	Working	No	Pinacho(Tussar Machine Tools India(P)Ltd)	1
20	Pulley Drive Lathe	Central Workshop	Working	No	Indigeneous	2
21	Pulley Drive Lathe	Central Workshop	Working	No	SOHAL(2006 MODEL)	1
22	All gear lathe Machine	Central Workshop	Working	No	NAGMATI(Bharat Machine tools India(P) Ltd)	1
23	Milling Machine	Central Workshop	Working	No	Machine No.NOA4J. Frame ND60	1
24	Horizontal Shaper	Central Workshop	Working	No	Machine No.1542J Frame ND90L	1
25	Pillar grinding machine	Central Workshop	1 no. - Working 1no. - Not working	No	No P 1410	1
26	Table grinding machine	Central Workshop	Working	No	Kulkarni Power Tools	1
27	Table grinding machine	Central Workshop	Working	No	Roto (Paul Engineering Co)	1

28	Power Saw	Central Workshop	Working	No	JASWANT Engineering works	1
29	Surface grinder	Central Workshop	Working	No	Machine No-NDA2DJ. Frame No.-ND80	1
30	Surface Plate	Central Workshop	Working	No	LUTHRA(32841/20529)	2
31	MIG welding machine 400 A	Central Workshop	Working	No	MAAS	1
32	Pillar Drill	Central Workshop	Working	No	Cal-13	1
33	Portable Drilling Machine	Central Workshop	Working	No	MEW (Mandeep Engineering Working	3
34	Shearing Machine (Automatic)	Central Workshop	Working	No	Original Vitte.	1
35	Circular sawing Machine	Central Workshop	Working	No	CMC 9405/2, (SGC)	1
36	Manual Hydraulic Press.	Central Workshop	Working	No	Made in GIMT	1
37	Arc Welding A/C Machine	Central Workshop	Working	No	VIC MODEL 4VIC2004	1
38	Arc Welding A/C Machine	Central Workshop	Working	No	JINDAL(Jumbo 400)	1
39	Arc Welding D/C Machine	Central Workshop	Working	No	Triglyn(K320)	1

40	Blower	Central Workshop	Working	No	Amco Blower, Bri Blower	1
41	Petrol Engine test rig	I.C.E Lab.	Working	NO	Engine make-Esteem,1800 cc, 4 stroke 4 cylinder water cooled	1
42	Diesel Engine test rig	I.C.E Lab.	Working	NO	Engine make-Mahindra and mahindra,1800cc, 4 stroke 4 cylinder water cooled	1
43	Refrigeration test rig	R&AC Lab.	Working	NO	K.C.Engineers pvt ltd	1
44	Air-Conditioning test rig	R&AC Lab.	Working	NO	K.C.Engineers pvt ltd	1
45	Electrolux Refrigerator.	R&AC Lab.	Working	NO	K.C.Engineers pvt ltd	1
46	Ice Plant Trainer.	R&AC Lab.	Not Working	NO	BS-Pyromatic	1
47	Parallel force Apparatus.	EM Lab.	Working	NO	Zephyr Enterprise	1
48	Polygon law Apparatus.	EM Lab.	Working	NO	Zephyr Enterprise	1

49	Friction Apparatus	EM Lab.	Working	NO	Zephyr Enterprise	2
50	Moment of Inertia Apparatus.	EM Lab.	Working	NO	Zephyr Enterprise	1
51	jointed Roof Truss on wheels	EM Lab.	Not Working	NO	Zephyr Enterprise	1
52	Model of steam engine (factors)with electric heater	EM Lab.	working	NO	Zephyr Enterprise	1
53	Model of two stroke Petrol Engine	EM Lab.	working	NO	Zephyr Enterprise	1
54	Model of four stroke Petrol Engine	EM Lab.	working	NO	Zephyr Enterprise	1
55	Model of two stroke diesel Engine	EM Lab.	working	NO	Zephyr Enterprise	1
56	Model of two stroke diesel Engine	EM Lab.	working	NO	Zephyr Enterprise	1
57	Model of hydraulic break with accessories	EM Lab.	working	NO	Zephyr Enterprise	1
58	Universal Vibration setup	DOM lab	working	NO	ASI Sales Pvt Ltd	1
59	Dead weight pressure gauge tester.	MMI Lab.	working.	NO	ASI Sales Pvt Ltd	1
60	Torsion Testing Machine	MT Lab	working.	NO	ASI Sales Pvt Ltd	1

61	Hardness Testing Machine	MT Lab	working.	NO	ASI Sales Pvt Ltd	1
62	Impact Testing Machine	MT Lab	working.	NO	ASI Sales Pvt Ltd	1
63	Fatigue Testing Machine	MT Lab	working.	NO	ASI Sales Pvt Ltd	1
64	Metacentric Height Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-92	1
65	Bernoulli's Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-93	1
66	Reynold's Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-94	1
67	Orifice Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-95	1
68	Pipe Friction Apparatus	FM Lab	Not Working	NO	2008, Simulation India, Laxmi nagar, New Delhi-96	1

69	Notches Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-97	1
70	Free Vortex Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-98	1
71	Force Vortex Apparatus	FM Lab	working.	NO	2008, Simulation India, Laxmi nagar, New Delhi-99	1
72	Francis Turbine	FM Lab	working.	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
73	Pelton Wheel Turbine	FM Lab	working.	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
74	Kaplan Turbine	FM Lab	working.	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

75	Air Compressor Testing	FM Lab	Not in use	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
76	Rotary Compressor cut section	FM Lab	working.	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
77	Reciprocating Compressor cut section	FM Lab	working.	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
78	Techometer Non Contact Type	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
79	Planimeter	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
80	Inside micrometer	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
81	Outside micrometer	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
82	Optical Flat	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
83	Sin Bar	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
84	Universal Bevel Protector	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
85	Bore Gauge	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
86	Gear Tooth Verneer Calliper	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1

87	Stroboscope	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
88	Barometer	Metrology Lab	working	NO	ASI Sales Pvt Ltd	1
89	Slip Gauge(02 set)	Metrology Lab	working	NO	china	1
90	Outside Micrometer (25-50 mm)	Metrology Lab	working	NO	Mitutoyo	1
91	Outside Micrometer (0-25mm)	Metrology Lab	working	NO	Mitutoyo	1
92	Inside Micrometer (5-30 mm)	Metrology Lab	working	NO	Mitutoyo	1
93	Inside Micrometer (25-50 mm)	Metrology Lab	working	NO	Mitutoyo	1
94	Screw thread Micrometer (0-25 mm)	Metrology Lab	working	NO	Mitutoyo	1
95	Vernier Height Gauge (0-300mm)	Metrology Lab	working	NO	Mitutoyo	1
96	Vernier Caliper	Metrology Lab	working	NO	Mitutoyo	2
97	Vernier Caliper 0-150 mm	Metrology Lab	working	NO	Mitutoyo	1
98	Surface Roughness Tester	Metrology Lab	working	NO	Mitutoyo	1
99	Mechanical Comparator	Metrology Lab	working	NO	Mitutoyo	1
100	Techometer Contact Type	Metrology Lab	working	NO	Mitutoyo	2
101	Universal Testing Machine	Metrology Lab	Working	NO	Ratnakar Enterprise	1

102	CNC Machine (MTAB)	CAD-CAM Lab (Advance Manufacturing Lab)	Working	NO	Model-Pinacho ST 180FLEXTURN, Serial no-183 (Siemen's Control)	1
103	CNC Machine	Idea Lab	Not Working	NO	Model-Pinacho ST 180(Pragati tools turret, CCD chuck, serial number-120224,Fanuc Control	1
104	Heat Transfer Through Composite Wall Apparatus	Heat Transfer Lab	Not Working	NO	Tec. Teachy(D) Equipments	1
105	Emissivity Measurement Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1
106	Thermal Conductivity of Metal Bar Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1
107	Thermal Conductivity of Insulating Powder Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1

108	Thermal Conductivity of Liquid Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1
109	Heat Pipe Demonstrator Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1
110	Stefan Boltzmann Apparatus	Heat Transfer Lab	Working	NO	Tec. Teachy(D) Equipments	1
111	Critical Radius of Insulating Material Apparatus	Heat Transfer Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
112	Pin Fin Apparatus	Heat Transfer Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
113	Forced Convection Apparatus	Heat Transfer Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
114	Natural Convection Apparatus	Heat Transfer Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
115	Inversion of 4 bar link mechanism	Mechanism & Machines Lab	Working	NO	Ambros, 2007	1

116	Pantograph Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, 2008	1
117	Watt's Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, 2009	1
118	4 Bar Link Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, 2010	1
119	Scotch Yoke Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, 2011	1
120	Ellipse Tracer Model	Mechanism & Machines Lab	Working	NO	Ambros, 2012	1
121	Universal Governor with different types of governor Model	Mechanism & Machines Lab	Working	NO	Ambros, 2013	1
122	Static and Dynamic Balancing Apparatus	Mechanism & Machines Lab	Working	NO	Ambros, 2014	1
123	Slip and Creep Test Rig	Mechanism & Machines Lab	Working	NO	Ambros, 2015	1
124	Epicyclic Gear Train Rig	Mechanism & Machines Lab	Working	NO	Ambros, 2016	1
125	Motorized Gyroscope Apparatus	Mechanism & Machines Lab	Not Working	NO	Ambros, 2017	1
126	Coriolis Component of Acceleration Apparatus	Mechanism & Machines Lab	Not Working	NO	Ambros, 2018	1

127	Cam Analysis Apparatus	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
128	Journal Bearing Apparatus	Mechanism & Machines Lab	Not Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
129	Balancing of Reciprocating Mass Apparatus	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
130	Four Bar Link Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
131	Cam and Followers (Set of 5) Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
132	Belt Drive (two stage) Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

133	Belt Drive (loose and fast) Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
134	Belt & Pulleys Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
135	Rack and Pinion Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
136	Centrifugal Clutch Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
137	Band Brake Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
138	Band and Block Brake Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

139	Differential Gear Assembly Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
140	Hydraulic Drum Brake Unit (single brake drum) Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
141	Pantograph Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
142	Watt's Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
143	Scotch Yoke Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
144	Ellipse Tracer Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

145	Crank and Connecting Rod Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
146	Slider Crank Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
147	Reciprocating Engine Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
148	Oscillation Cylinder Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
149	Witworth Quick Return Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
150	Peaucellier Linkage Drive Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

151	Kinematic Pairs Wall Display	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
152	Chain Drive Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
153	Geneva Drive Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
154	Pawl and Ratchet Mechanism Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1
155	Friction Wheel Drive Model	Mechanism & Machines Lab	Working	NO	Ambros, Mohan Brothers, Ambala Cantt.	1

School of Engineering and Technology

Department: Electronics and Communication Engineering

List of Laboratory Equipments

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Quantity	Date of Purchase
1	DSC-SC Modulation / Demodulation Trainer Kit	2 nd Floor/202	WORKING	NO		3	14-04-2008
	Model: SCT-602 Make: SIBA						
2	CRO		WORKING	NO			14-04-2008
	Model: GOS-630FC Make: GW-INSTEK				30 MHZ	4	
3	DC Regulated Power Supply		WORKING	NO	0 to +/-30 V	6	14-04-2008
	Model: 614300109D Make: Elnova						
4	DC Regulated Power Supply	WORKING	NO	0-30 V	4	14-04-2008	
	Model: 634300109D Make: Elnova						
5	Function Generator	WORKING	NO	0-3 MHZ	10	14-04-2008	
	Model: SFG-1013 Make: GW- INSTEK						
6	Function Generator	WORKING	NO	0-3 MHZ	2	14-04-2008	

	Model: SFG -2104 Make: GW- INSTEK
7	Multimeter Model: DT830D
8	Function Generator Model: SFG-2110 Make: GW-INSTEK
9	LCR Meter Model: LCR-816 Make: GW-INSTEK
10	Digital Multimeter Model: GDM 394 Make: GW-INSTEK
11	CRO Model: GOS-630FC Make: GW-INSTEK
12	Amplitude Modulation Transmitter Kit Model: ACL-01 Make : Falcon
13	Amplitude Demodulation Receiver Kit Model: ACL-02 Make : Falcon

**Analog
Communication
Lab**

WORKING	NO	3 3/4 DIGIT	5	28-04-2008
WORKING	NO	0-3 MHZ	2	23-10-2009
WORKING	NO		1	23-10-2009
WORKING	NO	3 3/4 DIGIT	4	23-10-2009
WORKING	NO		7	26-10-2009
WORKING	NO		2	16-03-2010
WORKING	NO		2	16-03-2010

14	Frequency Modulation / Demodulation Trainer Kit		WORKING	NO		3	31-05-2016
	Make:Scientech Model:Scientech2203						
15	DSO		WORKING	NO	25MHZ	1	31-05-2016
	Make: Scientech Model: Scientech402						
16	Spectrum Analyser		WORKING	NO	9 KHZ-1.5GHZ	1	28-06-2017
	Make: RIGOL Model: DSA815-TG						
1	Analog to Digital Converter	2nd Floor/202	WORKING	NO		2	24-02-2009
	Model: ST-2601 Make: SCIENTECH						
2	Digital to Analog Converter		WORKING	NO		2	24-02-2009
	Model: ST-2602 Make: SCIENTECH						
3	TDM/PCM Transmitter Trainer		WORKING	NO		1	24-02-2009
	Model: ST-2103 Make: SCIENTECH						

4	TDM/PCM Receiver Trainer Model: ST-2104 Make: SCIENTECH
5	Data Formatting & Carrier Modulation Trainer Model: ST-2106 Make: SCIENTECH
6	Data Reformatting & Carrier Demodulation Trainer Model: ST-2107 Make: SCIENTECH
7	DM/ADM/Delta Sigma Mod/Demod Trainer Model: ST-2105 Make: SCIENTECH
8	8 bit Variable data Generator Model: ST-2111-1 Make: SCIENTECH
9	Digital Storage Oscilloscope

**Digital
Communication
Lab**

WORKING	NO		1	24-02-2009
WORKING	NO		2	24-02-2009
WORKING	NO		2	24-02-2009
WORKING	NO		2	24-02-2009
WORKING	NO		4	24-02-2009
WORKING	NO	25 MHZ,2 CH	1	24-02-2009

	Model: GDS-1022
10	Digital Storage Oscilloscope
	Model: GDS-1062 Make: GW-NSTEK
11	CRO
	Model GOS-630FC
12	TDM/PCM Transmitter Trainer
	Model: ST-2103 Make: SCIENTECH
13	TDM/PCM Receiver Trainer
	Model: ST-2104 Make: SCIENTECH
14	Digital Storage Oscilloscope
	Model: GDS-1022
5	Digital Multimeter
	Model: GDM-394
16	Digital Storage Oscilloscope
	Model: DSO-025C2 Make: Falcon

WORKING	NO	60 MHZ, 2 CH	1	24-02-2009
WORKING	NO		2	24-02-2009
WORKING	NO		3	26-10-2009
WORKING	NO		3	26-10-2009
WORKING	NO	25 MHZ,2 CH	1	27-10-2009
WORKING	NO	3 3/4 DIGIT	1	27-10-2009
WORKING	NO	25 MHZ,2 CH	1	28-06-2017
			3	16-03-2010

17	Data Formatting & Carrier Modulation Trainer
	Model: ST-2156 Make:SCIENTEC H
18	Data Reformatting & Carrier Demod Trainer
	Model: ST-2157 Make: SCIENTECH
19	Analog to Digital Converter
	Model: ST-2601 Make:SCIENTEC H
20	Digital Storage Oscilloscope
	Model: DSO-402 Make: Scientech
21	Function Generator
	Model: 4061 Make: Scientech
22	Function Generator
	Model: 4061S Make:Scientech
23	MultiSim V11 Batch : M74x93348

WORKING	NO		2	31-05-2016
WORKING	NO		2	31-05-2016
WORKING	NO		1	31-05-2016
WORKING	NO	25 MHZ,2 CH	1	31-05-2016
WORKING	NO	0-3 MHZ	1	31-05-2016
WORKING	NO	0-3 MHZ	1	31-05-2016
		10 USER		06-06-2011

	VisSim / Comm V7						
1	ESA 85-2 8085 MP trainer Kit Make: ESA	2nd Floor/216	Qty-6 Not WORKING	NO		10	17-11-2008
2	ESA 85-E 8085 MP trainer Kit Make: ESA		Not WORKING	NO		15	17-11-2008
3	DAC for ADC Trainer Kit Make: ESA		WORKING	NO		5	17-11-2008
4	DAC for ADC Trainer Kit Make: ESA		WORKING	NO		2	17-11-2008
5	ESA – IF-ELV Elevator Interface Make: ESA		WORKING	NO		3	17-11-2008
6	Step up Motor Interface with motor Make : ESA		WORKING	NO		3	17-11-2008
7	ESA 31/51 8051 MC trainer Kit Make: ESA		WORKING	NO		5	17-11-2008
8	Interface 8 ADC to 12, 8 Ch Make: ESA		WORKING	NO		3	17-11-2008
9	Interface 8 ADC to 8, 16 Ch Make: ESA		WORKING	NO		3	17-11-2008
		Microprocessor and Embedded System Lab					

10	8051/51E Trainer Kit Make: ESA		WORKING	NO		5	17-11-2008
11	31/51-8051 Trainer Kit Make: ESA		WORKING	NO		5	17-11-2008
12	8086 Trainer Kit Make: ESA		WORKING	NO		10	19-08-2015
13	RS 232 C to USB Converter Make: ESA		WORKING	NO		10	19-08-2015
14	Logic Controller Interface Make: ESA		WORKING	NO		1	19-08-2015
5	Stepper Motor Interface Make: ESA		WORKING	NO		1	19-08-2015
16	4 digit 7a segment display Make: ESA		WORKING	NO		1	19-08-2015
17	Calculator type Key Board Make: ESA		WORKING	NO		10	19-08-2015
18	Single board computer based on 8051 P.S.		WORKING	NO		2	19-08-2015
1	XUP Virtex 5 open SPARC Board with USB cable.	2nd Floor/216	WORKING	NO		1	03-11-2010

2	Spartan 3E FPGA (500K gates)with USB cable	VLSI Lab	WORKING	NO		3	03-11-2010
3	Xilinx ISE 12.3 System Edition software		WORKING	NO	25 user	1	03-11-2010
1	Regulated DC Power Supply Make : Scinetech Model : 4073	2nd Floor/203 Digital Electronics Lab	WORKING	NO	0 -30 V	8	28-06-2017
2	Function Generator Make : Scinetech		WORKING	NO	0 -3 MHz	2	28-06-2017
3	Multiple DC Power Supply Make : Scinetech Model : 4077		WORKING	NO	0-30V, 15V, -15V	3	28-06-2017
4	CRO Make: Scientech Model: 801C		WORKING	NO	30 MHz	2	28-06-2017
1	Triple DC Power Supply Make :Scientech Model : 4071	2nd Floor/203 Analog Circuits Lab / Basic Electronics Lab	WORKING	NO	5V, +15V, -15V	1	18-02-2008
2	Regulated DC Power Supply Make :APLAB Model : TS3202D		WORKING	NO	0 -30 V	7	18-02-2008

3	CRO		WORKING	NO	30 MHz	3	31-05-2016
	Make: Scientech Model: 801C						
4	Function-Pulse Generator		WORKING	NO	0 -3 MHz	2	31-05-2016
	Make : Scientech Model : 4061S						
5	Multiple DC Power Supply		WORKING		5V, 15V, -15V	2	28-06-2017
	Make : Scientech Model : 4077						
1	Microwave Training System (Reflex Klystron)	2nd Floor/204	WORKING	NO	8-10 GHz	3	03-02-2009
	Model: SX9000 Make: SICO						
2	Microwave Training System (Gunn Osc)		WORKING	NO	8-10 GHz	3	03-02-2009
	Model: SX9001 Make: SICO						
3	Directional Coupler		WORKING	NO		1	03-02-2009
	Model: XK - 603 Make: SICO						
4	Directional Coupler		WORKING	NO		1	03-02-2009
	Model: XK - 606 Make: SICO						
5	Magic Tee		WORKING	NO		1	03-02-2009
	Model: XE – 350 Make: SICO						

6	Digital Multimeter Model: GDM - 394 Make: GW- INSTEK
7	30 MHz CRO Model: GOS-630 FC Make: GW – INSTEK
8	Microwave Training System (Reflex Klystron) Model: SX9000 Make: SICO
9	Microwave Training System (Reflex Klystron) Model: 9000 Make: Nvis
10	Detector Mount Model:NVis -209
11	Klystron Power Supply Model:NVis -102
12	Gunn Osc Model:NVis -201
13	Klystron Mount with Tube Model:NVis -203

**Microwave
Engineering**

Lab

WORKING	NO		1	23-10-2009
WORKING	NO	30 MHz	3	26-10-2009
WORKING	NO	8-10 GHz	1	05-04-2010
WORKING	NO	8-10 GHz	1	31-05-2016
WORKING	NO		2	31-05-2016
WORKING	NO		1	31-05-2016
WORKING	NO		1	31-05-2016
WORKING	NO		1	31-05-2016

14	PIN Modulator Model:NVIS -202		WORKING	NO		1	31-05-2016
5	BNC to BNC cable		WORKING	NO		10	31-05-2016
16	Microwave Test Bench with Antenna Set up (Reflex Klystron based)		WORKING	NO	8-10 GHz	1	28-06-2017
1	DC Power Supply Make : Scientech Model : 4073	2nd Floor/204	WORKING	NO	0 -30 V	4	31-05-2016
2	Multiple DC Power Supply Make : Scientech Model : 4074		WORKING	NO	0-30V, 15V, -15V	2	31-05-2016
3	Function Generator Make : Scientech Model :4061S		WORKING	NO	0 -3 MHz	2	31-05-2016
4	CRO Model: 801C Make: Scientech	Network Theory Lab	WORKING	NO	30 MHz	2	31-05-2016
5	Multiple DC Power Supply Make : Scientech Model : 4074		WORKING	NO	0-30V, 15V, -15V	1	28-06-2017
6	Function Generator		WORKING	NO	0 -3 MHz	1	28-06-2017

	Make : Scientech Model : 4061						
7	CRO		WORKING	NO	30 MHz	3	28-06-2017
	Model: 801C Make: Scientech						
1	Benchmark Optical Fibre System	2nd Floor/204	WORKING	NO		1	17-03-2012
2	Function Generator	Optical Fiber Communication Lab	WORKING	NO	0 - 3 MHz	1	31-05-2016
	Make : Scientech						
3	CRO		WORKING	NO	30 MHz	2	31-05-2016
	Model: 801C Make: Scientech						
1	Cadence University PG Bundle Analog and	2nd Floor/217	WORKING	NO	10 user	1	30-10-2014
	Digital FE and BE for PG courses	Cadence Lab					
1	Embedded student design device NI myRIO	2nd Floor/217	WORKING	NO		2	28-10-2014
	Model: PA1184365, PA1184320						

2	NI Communication Teaching Bundle Model: F5B59E	LabView Lab	WORKING	NO		1	28-10-2014
3	NI LabView software (2 User)		WORKING	NO	2 User	1	28-10-2014
1	MAT LAB (DOCKIT) Model: ML DOC13	5th Floor/518	WORKING	Yes	10 + 1 user	1	24-02-2009
2	SIMULINK (DOCKIT) Model: SL DOC13 Make: Cranes		WORKING	Yes	10 + 1 user	1	24-02-2009
3	Signal Processing Tool Box (DOCKIT) Model: SG DOC6 Make: Cranes		WORKING	Yes	10 + 1 user	1	24-02-2009
4	Communication Tool Box Make: Cranes		WORKING	Yes	10 + 1 user	1	24-02-2009
5	Control System Tool Box Model: ML DOC13		WORKING	Yes	10 + 1 user	1	24-02-2009
6	MAT LAB (DOCKIT)	Signals and Systems Lab	WORKING	Yes	10 + 1 user	1	24-02-2009

	Model: CT DOC7						
7	MAT LAB (ML) R2016A		WORKING	Yes	15 user	1	27-04-2016
8	SIMULINK (SL)		WORKING	Yes	10 user	1	27-04-2016
9	Communication Tool Box(CM)		WORKING	Yes		2	27-04-2016
10	Control System Tool Box(CD)		WORKING	Yes		1	27-04-2016
11	DSP Tool Box		WORKING	Yes		2	27-04-2016
12	Signal Processing Tool Box (SG)		WORKING	Yes		3	27-04-2016
13	Antenna Tool Box		WORKING	Yes		1	27-04-2016
14	RF Tool Box		WORKING	Yes		1	27-04-2016
5	Image Processing Tool Box		WORKING	Yes		1	27-04-2016

List of computers (desktop/laptop)

Sl.No.	Item Description	Quantity	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Desktop Computer (HCL)	4	Room No. 216 (ECE)	Qty-2 Not Working	No		19-11-2008
2	Desktop Computer (HP)	8	Microprocessor & Embedded System Lab, VLSI Lab	Working	No		03-09-2015
3	Desktop Computer (HCL)	8		Working	No		03-11-2010
4	Desktop Computer (HP)	2		Working	No		17-11-2011
4	Desktop Computer (HP)	1		Working	No		17-07-2015
5	Desktop Computer (HP)	1		Room No. 202 (ECE)	Working	Yes		22-11-2011
6	Desktop Computer (HCL)	3	Digital Communication Lab	Working	No		16-07-2009
7	Desktop Computer (HP)	5		Working	No		17-10-2011
8	Desktop Computer (HP)	1		Room No. 204 (ECE)	Working	No		17-10-2011
9	Desktop Computer (HP)	1	Microwave Engg Lab,	Not Working	No		17-07-2015
10	Desktop Computer (HP)	1	Optical Comm Lab	Not Working	Yes		17-10-2011
11	Desktop Computer (HP)	1	Office (ECE)	Working	Yes		17-07-2015
12	Desktop Computer (HP)	1		Working	Yes		17-07-2015
13	Desktop Computer (Lenovo)	1		Working	Yes		18-01-2015

14	Desktop Computer (HP)	1	Faculty Cabin (ECE)	Working	Yes		08-08-2015
15	Desktop Computer (HCL)	3		Working	Yes		16-07-2009
16	Desktop Computer (DELL)	9	Room No. 515 (ECE)	Working	Yes		25-04-2016
17	Desktop Computer (HP)	4	Signals & Systems Lab	Working	Yes		17-06-2016
18	Desktop Computer (HCL)	1		Working	Yes		16-07-2009
19	Desktop Computer (Lenovo)	12	Room No. 217 (ECE)	Working	No		18-01-2015
20	Desktop Computer (HP)	1	Cadense Lab, LabView	Working	No		08-08-2015
21	DELL Laptop	1	HOD (ECE)	Working	yes		

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV

Sl.No.	Item Description	Quantity	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	LaserJet Printer (M1136 MFP)	1	Office (ECE)	Working			
2	LaserJet Printer (P1007)	1	HOD (ECE)	No cartidge			24-02-2009
3	Smart Board	1	Room No. 212 (ECE)	Working			
4	Projector	1	Office (ECE)	Working			
5	Projector	2	Room No. 211, 212 (ECE)	Working			
6	LaserJet Printer (P1108) Qty-01	1	Alokojjwal Das (ECE)	Working			

School of Engineering and Technology

Department: Electrical Engineering

List of Laboratory Equipments

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Quantity	Date of Purchase
1	Portable Ammeter	BEE Lab	Servicable	No	Analog	32	2011
2	Portable Milli- Ammeter	BEE Lab	Servicable	No	Analog	18	2011
3	Portable Voltmeter	BEE Lab	Servicable	No	Analog	41	2011
4	Portable Milli- Voltmeter	BEE Lab	Servicable	No	Analog	9	2006
5	Battery Charger	BEE Lab	Servicable	No	Analog	1	
6	Box Spanner	BEE Lab	Servicable	No	Analog	1	
7	Choke Coil	BEE Lab	Servicable	No	Analog	4	2006
8	Clamp Tester	BEE Lab	Servicable	No	Analog	1	
9	DC Power Supply	BEE Lab	Servicable	No	Digital	22	2014
10	Decade Resistance Box	BEE Lab	Servicable	No	Analog	18	2006
11	DC Shunt Motor	BEE Lab	Servicable	No	Analog	1	2006
12	Drill Bit	BEE Lab	Servicable	No	Analog	1	
13	Line Tester	BEE Lab	Servicable	No	Analog	2	
14	Plier (Flat)	BEE Lab	Servicable	No	Analog	1	
15	Plier (Nose)	BEE Lab	Servicable	No	Analog	1	
16	Rheostat	BEE Lab	Servicable	No	Analog	37	2009
17	Shunt	BEE Lab	Servicable	No	Analog	11	2009
18	Screw Driver Set	BEE Lab	Servicable	No	Analog	2	2012
19	Soldering Iron	BEE Lab	Servicable	No	Analog	2	2014
20	Variac	BEE Lab	Servicable	No	Analog	6	2009
21	Voltage Stabilizer	BEE Lab	Servicable	No	Analog	1	

22	Voltage Regulator	BEE Lab	Servicable	No	Analog	1	2006
23	Portable Wattmeter	BEE Lab	Servicable	No	Analog	12	2009
24	Wire Stripper	BEE Lab	Servicable	No	Analog	1	2023
25	MATLAB (ML)	CS Lab	Servicable	No	Digital	20	2016
26	SIMULINK (SL)	CS Lab	Servicable	No	Digital	15	2016
27	SIM POWER SYSTEM (PS)	CS Lab	Servicable	No	Digital	1	2016
28	CONTROL SYSTEM TOOLBOX (CT)	CS Lab	Servicable	No	Digital	15	2016
29	SIM ELECTRONICS (SG)	CS Lab	Servicable	No	Digital	1	2016
30	SIMSCAPE (SS)	CS Lab	Servicable	No	Digital	2	2016
31	COMMUNICATION SYSTEM TOOLBOX	CS Lab	Servicable	No	Digital	1	2016
32	DSP TOOLBOX	CS Lab	Servicable	No	Digital	1	2016
33	SIGNAL PROCESSING TOOLBOX	CS Lab	Servicable	No	Digital	1	2016
34	DSP TOOLBOX	CS Lab	Servicable	No	Digital	1	2016
35	PID Controller Kit (Model Process Temperature)	CS Lab	Servicable	No	Analog	1	2016
36	ON/OFF Temperature Controller (Indicator cum Controller)	CS Lab	Servicable	No	Analog	1	2016
37	DC Motor Speed Controller Trainer	CS Lab	Servicable	No	Analog	1	2016

38	Stepper Motor Controller Trainer (Manual and Microprocessor Control)	CS Lab	Servicable	No	Analog	1	2016
39	AC Servo Speed Torque Characteristics Trainer	CS Lab	Servicable	No	Analog	1	2016
40	Arduino Board	CS Lab	Servicable	No	Digital	1	2016
41	Alternator 3 Phase, KV/KW-5	EM Lab	Servicable	No	Analog	1	
42	Alternator 3 Phase, KV/KW-2	EM Lab	Servicable	No	Analog	1	
43	AC Synchronous Motor Couple With DC Shunt Generator	EM Lab	Servicable	No	Analog	1	2009
44	DC Series Motor With Mechanical Loading Arrangement	EM Lab	Servicable	No	Analog	1	2009
45	DC Shunt Motor Couple With Alternator	EM Lab	Servicable	No	Analog	2	2009
46	DC Shunt Motor Couple With DC Shunt Generator	EM Lab	Servicable	No	Analog	2	2009
47	DC Shunt Motor Couple With Compound Generator	EM Lab	Servicable	No	Analog	1	2010

48	DC Shunt Identical Machine Set	EM Lab	Servicable	No	Analog	1	2010
49	DC Motor	EM Lab	Servicable	No	Analog	1	
50	DC Machine (Shunt Wound-Skylark-2HP)	EM Lab	Servicable	No	Analog	4	
51	Induction Motor 3 Phase	EM Lab	Servicable	No	Analog	2	2010
52	Induction Motor 3 Phase Squirrel Cage	EM Lab	Servicable	No	Analog	1	
53	Slip Ring Induction Motor	EM Lab	Servicable	No	Analog	1	2010
54	Transformer Single Phase 2 KVA	EM Lab	Servicable	No	Analog	2	2009
55	Transformer Single Phase 2.1 KVA	EM Lab	Servicable	No	Analog	2	2009
56	Transformer 3 Phase 10 KVA	EM Lab	Servicable	No	Analog	1	
57	Transformer 3 Phase 3 KVA	EM Lab	Servicable	No	Analog	2	2008
58	Control Panel With Accessories Foe DC Series Motor	EM Lab	Servicable	No	Analog	1	2009
59	Control Panel With Accessories For AC Synchronous Motor	EM Lab	Servicable	No	Analog	1	2009

60	Control Panel With Accessories For Parallel Operation of Alternator	EM Lab	Servicable	No	Analog	2	2009
61	Control Panel With Accessories For Compound Generator	EM Lab	Servicable	No	Analog	1	2010
62	Control Panel With Accessories For O.C.C. and Load test on DC Shunt Generator	EM Lab	Servicable	No	Analog	2	2010
63	Control Panel With Accessories For Parallel Operation of DC Shunt Generator	EM Lab	Servicable	No	Analog	1	2010
64	Control Panel With Accessories For Hopkinson Test	EM Lab	Servicable	No	Analog	1	2010
65	Control Panel With Accessories For Block Rotor Test	EM Lab	Servicable	No	Analog	1	2010
66	Control Panel (Synchronising)With Accessories For Alternator	EM Lab	Servicable	No	Analog	1	2009
67	Contactora	EM Lab	Servicable	No	Analog	1	2017

68	Digital Tachometer (Dual Mode)	EM Lab	Servicable	No	Digital	3	
69	Digital Tachometer	EM Lab	Servicable	No	Digital	2	
70	HRC Fuse Holder	EM Lab	Servicable	No	Analog	4	
71	Rheostat	EM Lab	Servicable	No	Analog	16	2009
72	Variac (Close Type Single Phase)	EM Lab	Servicable	No	Analog	3	
73	Variac (Close Type 3 Phase)	EM Lab	Servicable	No	Analog	2	2009
74	Voltmeter (Portable)	EM Lab	Servicable	No	Analog	12	2006
75	Wire Wound Resistive Load Bank	EM Lab	Servicable	No	Analog	4	2009
76	Wattmeter (Portable)	EM Lab	Servicable	No	Analog	15	2009
77	Ammeter (Portable)	EM Lab	Servicable	No	Analog	16	2009
78	Wire Stripper	EM Lab	Servicable	No	Analog	1	
79	Anderson Bridge	MI Lab	Servicable	No	Analog	4	2011
80	A.C Solid State Million	MI Lab	Servicable	No	Analog	1	
81	Auto Transformer (1-ph)	MI Lab	Servicable	No	Analog	3	
82	Auto Transformer (3-ph)	MI Lab	Servicable	No	Analog	2	
83	Ammeter (MI)	MI Lab	Servicable	No	Analog	4	2011
84	Current Transformer	MI Lab	Servicable	No	Analog	1	2011
85	CRO	MI Lab	Servicable	No	Digital	2	

86	Digital Earth Resistance Teaster	MI Lab	Servicable	No	Analog	1	
87	Decade resistance box	MI Lab	Servicable	No	Analog	2	2008
88	D.c potentiometer	MI Lab	Servicable	No	Analog	1	2011
89	D.C power supply	MI Lab	Servicable	No	Digital	1	
90	Daniel cell	MI Lab	Servicable	No	Analog	2	2011
91	Direct reading potentiometer	MI Lab	Servicable	No	Analog	1	2011
92	Electronics standard cell	MI Lab	Servicable	No	Analog	2	2008
93	Energy meter	MI Lab	Servicable	No	Analog	1	
94	Galvanometer	MI Lab	Servicable	No	Analog	2	2011
95	Induction Motor 3-ph	MI Lab	Servicable	No	Analog	1	
96	Kelvin Double bridge	MI Lab	Servicable	No	Analog	2	2008
97	Null Detetor	MI Lab	Servicable	No	Analog	2	
98	Rheostate	MI Lab	Servicable	No	Analog	4	2006
99	Schering Bridge	MI Lab	Servicable	No	Digital	1	2011
100	Voltmeter	MI Lab	Servicable	No	Analog	5	2006
101	Volt ratio box	MI Lab	Servicable	No	Analog	2	2008
102	Standard resistance box	MI Lab	Servicable	No	Analog	2	2008
103	Wein Bridge	MI Lab	Servicable	No	Analog	1	2011
104	Wheaston Bridge	MI Lab	Servicable	No	Analog	2	
105	Wattmeter	MI Lab	Servicable	No	Analog	5	2006
106	Wire Stripper	MI Lab	Servicable	No	Analog	1	2006
107	Standard cell	MI Lab	Servicable	No	Analog	1	2008
108	Analog Function Generator	MI Lab	Servicable	No	Analog	1	

109	Optical transducer trainer kit	MI Lab	Servicable	No	Analog	1	2016
110	Temperature transducer Trainer kit	MI Lab	Servicable	No	Analog	1	2016
111	LVDT Trainer	MI Lab	Servicable	No	Analog	1	2016
112	Strain gauge Trainer kit	MI Lab	Servicable	No	Analog	1	2016
113	Operational Amplifier kit	MI Lab	Servicable	No	Analog	1	2016
114	DC Power Supply	AE & DE Lab	Servicable	No	Digital	20	2015
115	Dual Power Supply	AE & DE Lab	Servicable	No	Digital	3	2015
116	20MHz Pulse Generator	AE & DE Lab	Servicable	No	Digital	4	
117	Voltage Comparator Kit (Fabricated)	AE & DE Lab	Servicable	No	Analog	1	2020
118	Cathode Ray Oscilloscope	AE & DE Lab	Servicable	No	Analog	4	2015
119	Wire Cutter	AE & DE Lab	Servicable	No	Analog	1	2023
120	Digital Storage Oscillator	AE & DE Lab	Servicable	No	Digital	1	2015
121	IC Tester	AE & DE Lab	Unservicable	No	Digital	1	2015
122	Cathode Ray Oscilloscope Probe	AE & DE Lab	Servicable	No	Analog	38	2015
123	Cathode Ray Oscilloscope	PE Lab	Servicable	No	Digital	4	2015
124	Digital Storage Oscilloscope	PE Lab	Servicable	No	Digital	8	2015
125	DC Chopper kit	PE Lab	Servicable	No	Analog	2	2015
126	DIAC/ TRIAC kit	PE Lab	Servicable	No	Analog	2	2015

127	Gate firing circuit Tainer for SCR's	PE Lab	Servicable	No	Analog	2	2015
128	PID Control kit	PE Lab	Servicable	No	Analog	1	2015
129	Speed control of PMDC Motor	PE Lab	Servicable	No	Analog	1	2015
130	Single phase fully controlled SCR Bridge ckt effect of freewheeling diode	PE Lab	Servicable	No	Analog	2	2015
131	Voltage /power control of a load using PWM kit	PE Lab	Servicable	No	Analog	2	2015
132	Function Generator	PE Lab	Servicable	No	Digital	15	
133	IDMT Electromagnetic Relay	PS-II Lab	Servicable	No	Analog	1	2016
134	Earth Fault Relay Static Type	PS-II Lab	Servicable	No	Analog	1	2016
135	Static Over Voltage Relay	PS-II Lab	Servicable	No	Analog	1	2016
136	Static Definite Time Reverse Power Relay	PS-II Lab	Servicable	No	Analog	1	2016
137	Directional Over Current Relay	PS-II Lab	Servicable	No	Analog	1	2016
138	Setup to evaluate the functional Performance of Fuse	PS-II Lab	Servicable	No	Analog	1	2016

139	Magnetising Characteristic of CT and PT	PS-II Lab	Servicable	No	Analog	1	2016
140	LVDT TRAINER KIT	PLC Lab	Unservicable	No	Analog	1	2015
141	Micrologix 1400 programable controller with RS 232/485 Communication port	PLC Lab	Unservicable	No	Digital	1	2014
142	PLC Micrologix 1400 including sensor kit	PLC Lab	Unservicable	No	Digital	1	2015
143	Temperature transducer kit	PLC Lab	Unservicable	No	Analog	1	2015

List of computers (desktop/laptop)

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Desktop computer (01)	HOD ROOM/EE Dept	working	Yes	HP, RAM 4GB, 64 bit OPS	2014
2	Laptop (01)	HOD ROOM/EE Dept	working	Yes	DELL, RAM 4GB, 32 bit OPS	2016
3	Desktop computer (06)	Faculty room no 105/EE Dept	working	Yes	DELL, RAM 4GB, 64 bit OPS	
4	Desktop computer (20 nos)	104/EE Dept	working	No	HP, RAM 4GB, 64 bit OPS	2015

5	Desktop Computer (01)	MC Lab/EE Dept	working	Yes	HP, RAM 4GB, 64 bit OPS	2015
6	Desktop Computer (05)	PLC/SCADA Lab/EE Dept.	working	No	HP, RAM 4GB, 64 bit OPS	2014/2015/2016
7	Desktop Computer(11)	Power system lab/EE Dept.	working	No	HCL, 4GB RAM, 32 bit	2011
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Printer	HOD Room/EE Dept	Working	No	HP laserjet (b/w) 1108	2015
2	Printer	Faculty room 105/EE Dept.	Working	No	HP M1108 MFD	2015
3	Printer	HOD Room/EE Dept	Working	No	EPSON All in one Inkjet	01-Jun-20
4	Smart Board	312/EE Dept.	Working	No	-	2015
6	LCD Projector	312/EE Dept.	Working	no	BENQ Projector MP515	2015
7	LCD Projector	104/EE Dept	Working	No	Panasonic PTLX300	2016
8	Sound System	312/EE Dept.	Working	NO		2015
9	UPS (44)	104/105/108/221/HOD room	Working	NO	230 V/50 Hz I/O	2011-2020

School of Engineering and Technology**Department: Computer Science and Engineering****List of computers (desktop/laptop)**

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Make/Model	Specifications	QTY.
1	Desktop	Dipjyoti Deka	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
2	Desktop	Monisha Devi	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
3	Desktop	Gitanjali Devi	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
4	Desktop	Dharitri Sarkar	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
5	Desktop	Manjula Kalita	Servicable	yes	HCL	Intel Core2 duo, 2GB ram	1
6	Desktop	common PC	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
7	Desktop	Mrs. Rubi Kalita	Servicable	yes	HCL	Intel core2 duo, 2GB ram	1
8	Desktop	Mrs.Mridusmita Baruah	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
9	Desktop	CSE LAB1	Servicable	yes	DELL Vostro	intel i5 13th gen,8GB ram	30
10	Desktop	CSE LAB1	Servicable	yes	HP 280 G1	Intel Core i3- 4160,4GB ram	3
11	Desktop	CSE LAB2	Servicable	yes	DELL Vostro	Intel Core i5- 10400 8 GB ram	30
12	Desktop	CSE LAB2	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	3
13	Desktop	CSE LAB3	Servicable	yes	HP 3330	Intel Core i5 2400, 2 GB RAM	11
14	Desktop	CSE LAB3	Servicable	yes	HP 3330	AMD Phenom II, 2 GB RAM	10

15	Desktop	CSE LAB3	Servicable	yes	HP 3330	Intel i3-3220 2 GB RAM	3
16	Desktop	CSE LAB3	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	6
17	Desktop	CSE LAB3	Servicable	yes	HCL Pentium D	Pentium® D CPU,1GB RAM	2
18	Desktop	CSE LAB3	Servicable	yes	HCL core2 duo	Intel Core2 duo, 2GB ram	1
19	Desktop	CSE project Lab/Research Lab	Servicable	yes	Hp 6200	Intel i3 2nd gen, 2GB ram	30
20	Desktop	CSE LAB4	Servicable	yes	HCL core2 duo	Intel core2 duo, 2GB ram	19
21	Desktop	CSE LAB4	Servicable	yes	HCL Pentium D	Pentium® D CPU,2GB ram	8
22	Desktop	CSE LAB4	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	6
23	Desktop	COMPUTER CENTER	Servicable	yes	HP 3330	Intel Core i5 2400, 2 GB RAM	26
24	Desktop	COMPUTER CENTER	Servicable	yes	Lenevo	Intel i5 4590,8GB ram	4
25	Desktop	Room No:302	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1
26	Workstation	CSE project Lab/Research Lab	Servicable	yes	HP Z238T	HP Z238T,3FJ04PA 16GB DDR4/1TB HDD/2GB NVIDIA Win 10 Pro/DVDRW	1
27	Server	CSE LAB 2	Servicable		HP ML 10 GEN9 Server	Hp : intel Xeon R-E3-1225v5 Processor	1

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV							
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity		Specifications	
	Printer	HOD	Servicable			Canon F151300	1
	printer	Computer Center	Servicable			Canon LBP6030	1
	Finger Print	CSE Dept.	Servicable				
	Webcam-Logitech	CSE Dept.	Servicable			Logitech	2
	Projector	CSE Dept.	Servicable			Panasonic DLP PT-LX300	1
	Projector	CSE Dept.	Servicable			Panasonic DLP PT-LX300	1
	Projector	CSE Dept.	Servicable			BENQ DLP MS 506	1
	Online UPS	CSE/ LAB I	Servicable			APC-10KVA	1
	Online UPS	CSE/ LAB II	Servicable			ORION-10 KVA	1
	Online UPS	CSE/LAB III	Servicable			ORION-10 KVA	1
	Online UPS	CSE/ Project Lab.	Servicable			ORION-10 KVA	1
	Online UPS	CSE/ Programming Lab 4	Servicable			ORION-10 KVA	1
	Online UPS	COMPUTER CENTER	Servicable			ORION-10 KVA	1
	Smart Board	CSE Dept.	Servicable				1

Information About the Equipments					
Sl.No.	Item Description	Location/ Department	Value(in Rs)	Present Condition	Date of Purchase
1	HCL computer set	CSE LAB 1	724248.00	Servicable	08-12-2008
2	HP 6200	CSE LAB 1	182700.00	Servicable	15-10-2011
3	HP 6200	CSE LAB 2	91350.00	Servicable	15-10-2011
4	DELL Computer set	CSE LAB 2	1805399.98	Servicable	20-04-2022

5	Hp 333 MT PC AMD Phenom II X 4B99	CSE LAB 3	330750.00	Servicable	22-09-2012
6	Hp 333 MT PC intel i5 2400	CSE LAB 3	457275.00	Servicable	22-09-2012
7	HP 6200	CSE LAB 3	182700.00	Servicable	15-10-2011
8	HCL computer set	CSE LAB 3	80472.00	Servicable	08-12-2008
9	HP 6200	CSE LAB 4	60900.00	Servicable	15-10-2011
10	HP Intel i3 3220	CSE LAB 4	157500.00	Servicable	23-04-2013
11	HCL computer set	CSE LAB 4	616952.00	Servicable	08-12-2008
12	HP 6200	Project/Research Lab	913500.00	Servicable	15-10-2011
13	HP intel i5 2400	Computer center	949725.00	Servicable	22-09-2012
14	Lenevo	Computer center	191100.00	Servicable	22-12-2014
15	HP ML 10 GEN9 Server	CSE LAB 2	61080.00	Servicable	08-03-2019
16	HP Z238T,3FJ04PA 16GB DDR4/1TB HDD/2GB NVIDIA Win 10 Pro/DVDRW	Project/Research Lab	113056.00	Servicable	25-10-2018
17	D-link DIR-825 Dual band Router	CSE Project LAB	2800.00	Servicable	27-10-2022
18	Cisco Network switch SF90-24 PORT	CSE LAB 2	4736.00	Servicable	03-09-2016
19	D-Link 16 PORT network switch	CSE LAB	11200.00	Servicable	24-12-2012
20	D-Link 24 PORT network switch	CSE LAB	27200.00	Servicable	14-05-2012
22	Printer- Canon F151300	CSE		Servicable	

23	printer- Canon image class MF3010	CSE		Servicable	
24	printer- Canon LBP6030	CSE	7150.00	Servicable	04-11-2016
25	Canon scanner 2400 Dpi Flatbed	CSE		Servicable	2016
26	Finger Print	CSE		Servicable	2016
27	Webcam-Logitech	CSE		Servicable	2016
28	Projector-Panasonic DLP PT-LX300	CSE		Servicable	08-03-2019
29	Projector-Panasonic DLP PT-LX300	CSE		Servicable	2016
30	Projector-BENQ DLP MS 506	CSE	25786.00	Servicable	28-07-2016
31	APC 10 KVA UPS	CSE LAB 1	150400.00	Servicable	20-09-2014
32	ORION 10 KVA UPS	CSE LAB 2		Servicable	07-05-2015
33	ORION 10 KVA UPS	CSE LAB 3		Servicable	07-05-2015
34	ORION 10 KVA UPS	Project/Research Lab		Servicable	
35	ORION 10 KVA UPS	Computer center		Servicable	
36	600 VA offline UPS	CSE LAB 4	48302.00	Servicable	10-05-2013

School of Engineering and Technology**Department: Computer Application****List of computers (desktop/laptop)**

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	IBM Server X3400	Computer Application(Lab)	Working	Yes	Make : IBM,Server (Intel Xeon E5405@2GHz)	05-10-2009
2	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
3	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
4	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
5	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
6	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

7	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
8	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
9	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
10	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
11	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
12	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
13	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
14	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

15	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
16	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
17	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
18	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
19	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
20	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
21	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
22	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

23	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
24	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
25	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
26	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
27	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
28	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
29	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
30	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

31	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
32	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
33	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
34	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
35	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
36	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
37	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
38	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

39	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
40	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
41	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
42	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
43	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
44	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
45	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
46	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009

47	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
48	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
49	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
50	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
51	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
52	CompaQ Notebook	Computer Application(Lab)	Working	Yes	CompaQ Notebook C 510(VF633PA)	07-11-2009
53	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
54	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009

55	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
56	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
57	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
58	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
59	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
60	CompaQ Notebook	Store CA Department	Not Working	No	CompaQ Notebook C 510(VF633PA)	07-11-2009
61	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
62	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
63	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011

64	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
65	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
66	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
67	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
68	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
69	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
70	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
71	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
72	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
73	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
74	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011

75	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
76	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
77	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
78	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
79	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
80	Desktop PC	Computer Application (Lab)	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
81	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
82	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
83	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
84	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
85	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011

86	Desktop PC	Teachers Room	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
87	Desktop PC	Seminar Hall	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
88	Desktop PC	New Lab	Working	Yes	HP Compaq 6200 Pro Desktop	17-10-2011
89	Desktop PC	Stores	Not Working	No	HP Compaq 6200 Pro Desktop	17-10-2011
90	Desktop PC	Stores	Not Working	No	HP Compaq 6200 Pro Desktop	17-10-2011
91	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
92	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
93	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023

94	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
95	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
96	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
97	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
98	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023

99	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
100	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
101	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
102	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
103	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023

104	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
105	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
106	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
107	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
108	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023

109	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
110	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
111	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
112	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
113	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023

114	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
115	Work Station	New Lab CA Deptt	Working	Yes	i5, 13 generation, RAM: DDR4 8GB, YEAR: 2023, QTY: 25	15-07-2023
116	CompaQ Notebook	New Lab CA Deptt	Working	Yes	CompaQ Notebook C 510(VF633PA)	From Stores
117	CompaQ Notebook	New Lab CA Deptt	Working	Yes	CompaQ Notebook C 510(VF633PA)	From Stores
118	CompaQ Notebook	New Lab CA Deptt	Working	Yes	CompaQ Notebook C 510(VF633PA)	From Stores
119	CompaQ Notebook	New Lab CA Deptt	Working	Yes	CompaQ Notebook C 510(VF633PA)	From Stores
120	Compaq Laptop	Stores (With System Admin)	Not Working	No	Compaq	18-10-2011
121	HP Laptop	Stores (With System Admin)	Not Working	No	HP	

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 24 Port	05-07-2013
2	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 24 Port	05-07-2013
3	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 24 Port	05-07-2013
4	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 24 Port	05-07-2013
5	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 16 Port	05-07-2013
6	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 16 Port	05-07-2013
7	Switch(Unmanaged)	Computer Application	Working	Yes	D-Link, 8 Port	06-07-2013
8	Switch(Unmanaged)	New Lab CA Deptt	Working	Yes	D-Link, 24 Port	15-07-2023
9	Switch(Unmanaged)	New Lab CA Deptt	Working	Yes	D-Link, 8 Port	17-07-2023
10	Wireless Access Point	Computer Application	Working	Yes	D-Link	05-07-2013
11	Online UPS	Computer Application(Lab)	Working	No	Numeric UPS,10KVA Online UPS System (with batteries)	2016
12	Online UPS	Computer Application(Lab)	Working	No	Do	2016

13	Online UPS	New Lab CA Deptt	Working	No	ORION UPS,10KVA Online UPS System (with batteries)	2023
14	Online UPS 1KVA	Computer Application(Lab)	Not Working	No	1 KVA UPS, Better Power+3 nos of 12V Battery	2009
15	Desktop Web Cam	Computer Application(Lab)	Working	No	Microsoft Lifecam, HD Capable	04-07-2012
16	Fingerprint Reader	Computer Application(Lab)	Working		Digital Persona U 4500 Fingerprint Reader, 1 no	2010
17	LCD Projector	Computer Application(Lab)	Working	No	SANYO, Projector	From AEI
18	LCD Projector	Computer Application(Lab)	Working	No	BenQ Projector	2009
19	LCD Projector	Computer Application(Lab)	Not Working	No	HP Projector	
20	Sound System	Computer Application(Lab)	Working	No	Ahuja, Stereo	2013
21	Wooden DJ Setup Speaker Box	Computer Application(Lab)	Working	No	Ahuja SRX 50 DX	2013
22	Microphone	Computer Application(Lab)	Working	No	Ahuja dymanic	2013

23	Smart TV	Computer Application(Lab)	Working	Yes	LG	10-01-2023
24	Smart Board	Computer Application(Lab)	Not Working	No	Isolation Stack	From AEI
25	HP DeskJet 1005	HoD Room	Working	No	HP1005	From Library
26	HP DeskJet 1005	Stores	NotWorking	No	HP1005	2010
27	HP DeskJet	Faculty Room	Working	No	HP1007	2016
28	Overhead Projector	Seminar Hall	working	No	PAXILUX 285	

School of Pharmaceutical Science and School of Paramedical and Allied Health Sciences								
Department: GIPS								
List of computers (desktop/laptop)								
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Make/Model	Specifications	QTY.	Date of Purchase
1	Desktop	principal sir	servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
2	Desktop	Nitul Sarma	servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
3	Desktop	Official Work	servicable	yes	ACER	Intel i3-7100@3.30 Ghz	1	2018
4	Desktop	Exam PC	servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
5	Desktop	Room No: 102	servicable	yes	HP 280 G1	Intel Core i3-4160,4GB ram	1	2015
6	Desktop	SAHU sir	servicable	yes	ACER H310	Intel i3 8100, 4GB ram	1	2019
7	Desktop	LAB PC	servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	3	2013
8	Desktop	LAB PC	servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	3	2011

9	Desktop	LAB PC	servicable	yes	HCL	HCL Dual core	15	2007
10	Desktop	LAB PC	servicable	yes	ACER H310	Intel i3 8100, 4GB ram	8	2019
11	Desktop	LAB PC	servicable	yes	Lenevo	Intel i3 12100@3.30, 8GB ram	1	2022
12	Desktop	Store Room	servicable	yes	HCL	HCL Core2 Duo, 2GB Ram	1	2009
13	Desktop	3rd Floor Lab	servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
14	Desktop	1st Floor Lab	servicable	yes	ACER H310	Intel i3 8100, 4GB ram	1	2019
15	Desktop	Instrumental LAB	servicable	yes	HP	Intel i5- 12400@2.50GHz , 8Gb ram	1	2022
16	Desktop	DST LAB	servicable	yes	HP	Intel i7- 12700@2.10GHz , 16Gb ram	1	2022
17	Desktop	PROJECT LAB	servicable	yes	Assemble PC	Intel i3 2nd gen, 4GB ram	8	2022

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV								
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity		Specifications	QTY.	Date of Purchase
1	Printer	Principal office(GIPS)	servicable			Hp laserjet M1005 MFP	1	2015
2	Printer	Drug information center(GIPS)	servicable			Canon Imageplus MF3010	1	2018
3	Printer	GIPS Exam deptt.(prakash Talukdar)	servicable			HP Laserjet P1108	1	2008

4	Printer	Dr. Smriti Rekha Chanda(GIPs)	servicable			HP Laserjet P1108	1	2008
5	Printer	Dr. Bhanu Pratam sahu(GIPS)	servicable			HP Laserjet 1020 plus	1	2012
6	Projector	Class Room-101	servicable			Panasonic PT-LX300	1	
7	Projector	Class Room-105	servicable			Panasonic PT-LX300	1	
8	Projector	Class Room-106	servicable			BenQ XGA	1	
9	Projector	Class Room-201	servicable			Panasonic PT-LX300	1	
10	Projector	Class Room-209	servicable			Panasonic PT-LX300	1	
11	Projector	Class Room-412	servicable			BenQ XGA	1	
12	Projector	Class Room-X	servicable			SONY	1	
13	Projector	PG Tutorial Room - 1	bulb issues			SONY	1	
14	Projector	PG Tutorial Room - 2	servicable			SANYO XGA	1	
15	Projector	PG Tutorial Room - 3	servicable			OPTOMA	1	
16	Projector	Class Room-XI	Quality low			Panasonic PT-LX300	1	
17	Projector	SEMINAR HALL	servicable			Panasonic PT-LX300	1	
18	Smart Display	Conference Hall	servicable			LG 75 inch	1	2022

**School of Pharmaceutical Science and School of Paramedical and
Allied Health Sciences**

Sl. No.	Instrument name	Made	Model No		
1	Digital Balance	Denver Strument	TP-313	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
2	Digital Balance	Wensar	RS 232	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
3	Digital Balance	Metler	WXTS3DU	Sponsored by: Shrimanta Shankar Academy (SSA) Society; 2021- 22	

4	UHPLC	Therm Scientific	UltiMate 3000	Sponsored by: AICTE RPS-NER; File no- 8-108/RFID/RPS-NER/Policy-1/2018-19	
5	Cell Counter	Invitrogen	Countess	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
6	Digital Polari meter	Labman	LMAR -1317	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
7	Brookfield viscometer	Brookfield	LBVV-E	Sponsored by: Shrimanta Shankar Academy (SSA) Society	

8	Texture analyzer	Scientific and Digital systems	FD/I-077	Sponsored by: AICTE RPS-NER;File No: 20/AICTE/RIFD/RPS (Policy-I) 1/2013-14	
9	ABBE Refractometer	Labman		Sponsored by: Shrimanta Shankar Academy (SSA) Society	
10	UVspectrophotometer	Shimadzu	UV-1900i	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
11	Florence Spectrophotometer	Shimadzu	RF-6000	Sponsored by: AICTE RPS-NER; File No 8-109/RFID/RPS-NER/Policy-1/2018-19	

12	UV Spectrophotometer	Shimadzu	UV-1800i	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
13	RT PCR	Agilent Technologies	Mx3005P	Sponsored by: AICTE RPS-GEN; File No: 8-19/FDC/RPS/SC&ST (Policy -I)/2019-20	
14	FT IR	Perkin Elmar	UATR Two	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
15	ZETA Seizer	Malvern	Nano-S90	Sponsored by: AICTE RPS-NER; 8023/RID/RP S-9/ (POLICY -III) (NER)/2011-12	

16	CHNS	Therm Scientific	Flash smart	Sponsored by: AICTE RPS-NER; File No 8-109/RFID/RPS-NER/Policy-1/2018-19 &	
17	Gas Chromatography	Perkin Elmar	Clarus 690	Sponsored by: AICTE RPS-NER; File No 8-109/RFID/RPS-NER/Policy-1/2018-19	
18	Lyophilizer	IIC Indrutrical corporation		Sponsored by: Shrimanta Shankar Academy (SSA) Society;	

19	Lyophilizer	Labogene	Scanvaccoolsafe	Sponsored by: Shrimanta Shankar Academy (SSA) Society; 2021-2022	
20	Biochemistry analyzer	Merck	Micro Lab 300	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
21	pH meter	Syntonic's	361	Sponsored by: Shrimanta Shankar Academy (SSA) Society	
22	Conductivity meter	Syntonic's	306	Sponsored by: Shrimanta Shankar Academy (SSA) Society	

23	Microplate reader	Diagnovissioncorp		Sponsored by: Shrimanta Shankar Academy (SSA) Society	
24	GelDoc	Thermo Fisher Scientific		Sponsored by: DST; File No: DST/NM/NB/2018/82(G) &	
25	HPTLC	Camag		Shrimanta Shankar Academy (SSA) Society	
26	Microtome	Leica		Sponsored by: DST; File No: DST/NM/NB/2018/82(G) &	
27	Rotary evaporator	Buchi		Sponsored by: Shrimanta Shankar Academy (SSA) Society	

28	Rotary evaporator	Buchi		Sponsored by: AICTE RPS-NER; File No. 8-10/FDC/RPS (NER)/POLICY -1/2020-21	
29	AAS	Shimadzu	AA-6880	Sponsored by: AICTE RPS-NER; File No. 8-10/FDC/RPS (NER)/POLICY -1/2020-21	
30	Microwave synthesizer	Biotage Initiator	Biotage	Sponsored by: AICTE RPS-NER; File No.11/FDC/RPS (NER)/POLICY -1/2020-21	

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV								
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity		Specifications	QTY.	Date of Purchase
1	Printer	Commerce Department	running			HP laserjet P1018	1	2008

School of Management and Commerce						
Department: Business Administration						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Desktop PC	Departmental Office	Working	Yes	HP	2011
2	Desktop PC	HoD	Working	Yes	HP	2011
3	Laptop (For use in Classroom & in other Departmental Activities like Meetings, Seminars, Presentations etc.)	Classrooms, as and when required	Working	Yes	Acer	2018
4	Desktop PCs (60 Nos.)	Computer Lab	Working	Yes	Dell i5, 13 Gen, 8 GB RAM, 500GB SSD	2023

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Printer	Departmental Office	Working	No	HP M1005	2008
2	Printer	HoD	Working	No	HP 1130	2009
3	Sound System	MBA 1 st year Classroom	Working	No		2008
4	Smart TV	MBA 1 st Year Classroom	Working	No	LG	2022
5	LCD Projector (Ceiling Mounted)	MBA 2 nd Year Classroom	Working	No	Sony	
6	LCD Projector (Unmounted/mobile)	As and when required in 3 (three) Classrooms of BBA	Working	No	Sony	
7	UPS (2 Nos.)	Computer Lab	Working			2023

School of Natural Sciences							
Department: PHYSICS							
List of Laboratory Equipments							
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Quantity	Date of Purchase
1	DIODE LASER RED WITH POWER SUPPLY	PHYSICS	WORKING	NO	WAVELENGT H : 650 NANOMETER	1 SET	28/9/2022

2	HALL EFFECT EXPERIMENT APPARATUS	PHYSICS	WORKING	NO	.....	1 SET	11-11-2022
3	QUINCK TUBE EXPERIMENT APPARATUS SET	PHYSICS	WORKING	NO	.....	1 SET	11-11-2022
4	BH CURVE APPARATUS	PHYSICS	WORKING	NO	.....	1 NO	11-11-2022
5	DIELECTRIC CONSTANT APPARATUS	PHYSICS	WORKING	NO	.....	1 SET	11-11-2022
6	FOUR PROBE APPARATUS	PHYSICS	WORKING	NO	.....	1 SET	11-11-2022
7	AVS COMPONENT KIT	PHYSICS	WORKING	NO	100 PIECE, 10 VALUES,ALU MINIUM ELECTROLYTI C CAPACITOR	1 SET	30/12/2022
8	STOP CLOCK	PHYSICS	WORKING	NO	LEAST COUNT HALF SECOND	7 NOS	30/12/2022
9	ELECTRONIC SOLDIER TIN WIRE	PHYSICS	WORKING	NO	7Q7 Electronic Solder 60/40	50 GRAM	30/12/2022
10	SOLDERING PASTE	PHYSICS	WORKING	NO		15 GRAM	
11	MAGNIFYING GLASS	PHYSICS	WORKING	NO	3 LED Hand- Held	4 NOS	14/01/2023

12	OSAW BABINET COMPENSATOT APPARATUS	PHYSICS	WORKING	NO	.....	1 NOS	02-03-2023
13	MALUS LAW APPARATUS	PHYSICS	WORKING	NO	....	1 SET	18/4/23
14	POLARIMETER HALF SHADE OPEN SEAL BRASS	PHYSICS	WORKING	NO	....	1 SET	18/4/23
14	VELOCITY OF ULTRASONIC WAVE APPARATUS	PHYSICS	WORKING	NO	SPECTROMET ER, PIEZOELECTR IC CRYSTAL WITH TANK	1 SET	18/4/23

List of computers (desktop/laptop)

Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	HCL DESKTOP PC	PHYSICS	WORKING	YES	RAM: 2GB, PROCESSOR :INTEL (R) CORE(TM)2 DUE CPU, HARD DISC: 160 GB	YEAR 2008
2	HP Z2 G4 WORKSTATION	PHYSICS	WORKING	YES	RAM: 32GB, PROCESSOR: INTEL XEON E-2104G CPU, HARD DISC: 1 TB	YEAR 2020

3	HP WS-Z 620 DESKTOP	PHYSICS	WORKING	YES	RAM: 8GB, PROCESSOR: INTEL (R) XEON (R) CPU, HARD DISC: 1 TB	YEAR 2013
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifi- cations	Date of Purchase
1	ODYSSEY UPS	PHYSICS	WORKING	NO	220 VOLT AC OUTPUT	YEAR 2008
2	ELNOVS ONLINE E- 1001L UPS	PHYSICS	WORKING	NO	221 VOLT AC OUTPUT	YEAR 2013
3	HP LASERJET P1007 PRINTER	PHYSICS	WORKING	NO	BLACK & WHITE PRINTER	YEAR 2009
4	HP LASERJET P11106 PRINTER	PHYSICS	WORKING	NO	BLACK & WHITE PRINTER	YEAR 2010

School of Natural Sciences						
Department: Chemistry						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifi- cations	Date of Purchase
1	Desktop	Chemistry	Working	Yes	Intel (R) Pentium (R) CPUG630 @ 2.70 GHz, RAM 2GB	2009

2	Desktop	Chemistry	Working	Yes	Intel (R) Core (TM)2 DuoCPU E7500@ 2.93 GHz, RAM 2.00GB	2009

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Laser Jet Printer(LBP2900B CANON)	Chemistry	Working		L11121E	

School of Natural Sciences						
Department: Mathematics						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specifications	Date of Purchase
1	Desktop	Mathematics (Room no. 007)	Working	Connected	Not an updated system as many files cannot be opened including whatsapp messages and some web pages	

List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	HP LaserJet P1108	Mathematics (Room no. 007)	Working	NA		

School of Humanities and Social Science							
Department: Economics							
List of computers (desktop/laptop)							
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Quantity	Date of Purchase
1	Desktop Computer	4th Floor, staff room Department of Business Administration	working	yes	windows 7		
2	Window AC	3rd Floor, Room no 311	working				

School of Humanities and Science							
Department: English and Foreign Languages							
List of Laboratory Equipments							
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Quantity	Date of Purchase
1	Headphones	Language Lab (517)	Not all are functional	Available	N/A	11	N/A
2	Desktops and UPS	Language Lab (517)	Not all are functional	Available	N/A	20	N/A

List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Desktop (1)	ENFL Dept	Working	Available	N/A	N/A
2	Desktop (20)	517 (Language Lab)	Not all are fuctional	Available	N/A	N/A
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Printer (1)	ENFL Dept	Working	Available	N/A	N/A
2	Smart TV	417 (Japanese Classroom)	Working	Available	N/A	N/A
3	UPS (Desktop)	ENFL Dept	Working	Available	N/A	N/A
4	UPS (Desktop)	517 (Language Lab)	Not all are fuctional	Available	N/A	N/A

School of Humanities and Social Sciences						
Departments: Department of Political Science and Department of History						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Desktop	Political Science	In order	with connectivity	HP6200, Intel i3 2nd gen, 2GB RAM	2011
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	Printer	Political Science	In order		HP LaserJet P1108	2012

School of Humanities and Social Sciences						
Department: Sociology and Social Work						
List of computers (desktop/laptop)						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	DESKTOP	SOCIAL WORK	WORKING CONDITION	YES	HP000INTELI 3, 3RD GEN, 2GB RAM	2013
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV						
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Specification s	Date of Purchase
1	PRINTER	SOCIAL WORK	WORKING	NO	HPLASERJETP 117	2013
2	LCD PROJECTOR	SOCIAL WORK	WORKING	NO	SONY	

Information About the Equipments								
Department: GCU Administration Department								
List of computers (desktop/laptop)								
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity	Make/Model	Specifications	QTY.	Date of Purchase
1	Desktop	Registrar	Servicable	yes	HP 6200	Intel i3 2nd gen, 6GB ram	1	2011
2	Desktop	Deputy Registrar	Servicable	yes	HP 202	Intel i3 4th gen, 2GB ram	1	2018
3	Desktop	HR & Admin	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
4	Desktop	Arupananda Choudhury	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011

5	Desktop	Banajit Nath	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
6	Desktop	SERVER ROOM	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	2	2011
7	Desktop	DEAN(STUDENT AFFAIRS)	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
8	Desktop	Akashdeep Goswami(Deputy Exam Controller)	Servicable	yes	DELL Inspiron 3910	INTEL I3 12th gen.,,8GB ram	1	2022
9	Desktop	PRANJEET DAS	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
10	Desktop	ANUJ MEDHI	Servicable	yes	HCL	Intel Core2 Duo,2GB ram	1	2009
11	Desktop	Sanjib Hazarika	Servicable	yes	HP 280 G1	Intel Core i3- 4160,4GB ram	1	2015
12	Desktop	Exam Br.	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
13	Desktop	Secretary to Chancellor	Servicable	yes	HP 280 G1	Intel Core i3- 4160,4GB ram	1	2015
14	Desktop	Chancellor sir	Servicable	yes	DELL AIO	Intel Core i5 12th gen,8GB ram	1	2022
15	Desktop	VC sir	Servicable	yes	DELL AIO	Intel Core i5 12th gen,8GB ram	1	2022
16	Desktop	Principal(GIMT)	Servicable	yes	HP 280 G1	Intel Core i3- 4160,4GB ram	1	2015
17	Desktop	Principal office	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
18	Desktop	Sourav Barua	Servicable	yes	Dell Inspiron 3647	Intel Core i3- 4170,4GB ram	1	2016
25	Desktop	For Student(T & P Cell)	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
19	Desktop	Secretary to VC	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011

20	Desktop	Anjan Deka	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
21	Desktop	Admission cell	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
22	Desktop	Admission cell	Servicable	yes	HP 280 G1	Intel Core i3- 4160,4GB ram	1	2015
23	Desktop	Admission cell	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
24	Desktop	Arup Das	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
26	Desktop	Mridul Das	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
27	Desktop	Bobita Baishya	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
28	Desktop	Nayan Baruah	Servicable	yes	HCL	Intel Core2 duo, 2GB ram	1	2009
29	Desktop	Nripen Barman	Servicable	yes	Lenevo	Intel i3 7th gen,8GB ram	1	2022
30	Desktop	Manish Das	Servicable	yes	Lenevo	Intel i3 7th gen,8GB ram	1	2022
31	Desktop	Digant Deka	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
32	Desktop	Dean ADMIN	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	1	2011
33	Desktop	Boys Hostel	Servicable	yes	HP 3330	Intel i3 3rd gen, 2GB ram	1	2013
34	LAPTOP	SERVER ROOM	Servicable	yes	DELL	Intel(R) Pentium(R) CPU	1	2016
35	LAPTOP	Amalesh Baruah	Servicable	yes	DELL	Intel(R) Pentium(R) CPU	1	2016
36	LAPTOP	SERVER ROOM	Servicable	yes	LENEVO	Intel i3 7th gen,4GB ram	1	2018
37	Desktop	GCU Library	Servicable	yes	HCL	Intel Core2 duo, 2GB RAM	7	2007

38	Desktop	GCU Library	Servicable	yes	HP 6200	Intel i3 2nd gen, 2GB ram	2	2011
39	Desktop	GCU Library	Servicable	yes	HP 3330	Intel Core i3- 4160,4GB ram	10	2013
40	Desktop	GCU Library	Servicable	yes	Dell Inspiron 3647	Intel Core i3- 4170,4GB RAM	2	2016
List of Printers/smartboard/smart TV/LCD projector/Sound system/UPS/CCTV								
Sl.No.	Item Description	Location/ Department	Present Condition	Internet connectivity		Specifications		Date of Purchase
1	printer	Nripen Barma	Servicable			HP laserjet M1136 MFP	1	2018
2	printer	Manish Das	Servicable			HP laserjet 1018	1	2008
3	printer	Mridul Das	Servicable			HP laserjet M1136 MFP	1	2018
4	printer	Nayan Baruah	Servicable			Hp laserjet 1018	1	2008
5	printer	Deputy Registrar	Servicable			canon G2000	1	2017
6	printer	Sourobh Barua	Servicable			Hp laserjet M1005 MFP	1	2013
7	printer	English Deptt.	Servicable			Hp laserjet M1005 MFP	1	2013
8	printer	Principal office(GIMT)	Servicable			Canon F151300	1	2018
9	printer	Chancellor sir	Servicable			Canon laserjet L11121E	1	2018
10	printer	Secretary to VC	Servicable			Canon laserjet L11121E	1	2018
11	printer	Secretary to Chancellor	Servicable			EPSON L3100	1	2019
12	printer	VC sir	Servicable			HP Laserjet Pro MFP M126NW	1	2019

13	printer	Dean student affairs	Servicable			HP laserjet p1108	1	2008
14	printer	Registrar sir	Servicable			CANON image class MF 4820d	1	2016
15	printer	Anuj Medhi	Servicable			Hp laserjet M1005 MFP	1	2013
16	printer	Angkesh Bordoloi	Servicable			HP P1108	1	2008
17	printer	Arup Das(Ps to Registrar)	Servicable			HP laserjet m1136 MFP	1	2018
18	printer	HR and ADMIN	Servicable			HP laserjet m1136 MFP	1	2015
19	printer	Nitul sir	Servicable			HP laserjet 1018	1	2008
20	printer	store-in-charge	Servicable			HP laserjet M126a MFP	1	2018
21	printer	Deputy Exam Controller	Servicable			Epson L361	1	2018
22	printer	Sanjib Hazarika	Servicable			Hp laserjet M1005 MFP	1	2013
23	printer	Pranjeet Das	Servicable			Hp laserjet p1108	1	2008
24	printer	Kalyan Changmai	Servicable			Hp ink Tank Wireless 410 Series	1	2019
25	projector	room no 408	Servicable			Panasonic	1	2015
26	projector	room no 512	Servicable			SONY	1	2016
27	VC Device	conference Hall	Servicable	yes		logitech Rally plus	1	2023
28	Smart Tv	conference Hall	Servicable	yes		Lg 86 inch	1	2023

Committee for Control and Supervision of Experiments on Animals (CCSEA)-approved animal house

The Animal House at Girijananda Chowdhury University (GCU), Guwahati, Assam has been created to enhance teaching, training, and research capabilities while addressing the growing demand for top-notch laboratory animals.

The animal house is registered with the Committee for Control and Supervision of Experiments on Animals (CCSEA), Ministry of Environment and Forests, Government of India (**Reg. No 1372/PO/ReBi/S/10/CPCSEA**) and has an established Institutional Animal Ethics Committee (IAEC). The IAEC advises the institution and teachers/researchers on animal house facilities, policies, and practises. The IAEC and animal house staff guarantee that the three R's, Replacement, Reduction, and Refinement, are used in all animal-related projects and that these principles are followed to reduce the number of animals utilised for teaching and research. The IAEC ensures that each project complies with or surpasses the CCSEA guidelines on using laboratory animals in experiments.

Each animal species is housed in barrier-maintained individual rooms to avoid disease transmission and inter-species conflicts. Every effort is made to keep animals in controlled environments with 100 % fresh air exchange in animal rooms and uninterrupted power and water supplies [Temperature (22-26°C), Relative Humidity (50±10%, 12:12 hr light cycle)]. The macro and micro-environment surrounding the animals follow the CCSEA criteria, with a high degree of hygienic conditions. Keeping animal rooms clean and sterilised, crate surfaces, water bottles, bedding, etc., is standard procedure.

Animals' health is monitored regularly to ascertain their health status. Feed and water analyses are also performed regularly to assess the quality and microbiological contamination of the resources. Manual record-keeping is used to keep track of all the animals, both inbred and outbred. The waste from the animal house is disposed of regularly. Veterinarians, technicians, and attendants with extensive expertise and training in current methods of animal care, breeding, and husbandry oversee the operation of this facility's kennels and kennel breeding facilities.

The institute has Individually ventilated caging (IVC) systems for rats and mice in place for housing the laboratory animals to reduce the possibility of contamination. The facility has an appropriate CCTV surveillance monitoring system in place.

Area:

Ground floor: 134 sq. ft.

Second floor: 213 sq. ft.

Total: 347 sq. ft.

Animal Species:

Rat, Mice, Guinea pig, Rabbit.

Vision:

We envision the proper use of animals in research as an essential contribution to improving pharmaceutical research and animal lives.

Mission:

To perform pharmaceutical research, train the new generation regarding animal studies and facilitate animals for research by strictly following the guidelines of the Committee for Control and Supervision of Experiments on Animals (CCSEA), Government of India.

Salient Features:

1. Well-designed and established animal house approved by CCSEA for education and research (**Reg. No. 1372/PO/ReBi/S/10/CPCSEA**).
2. We have an Institutional Animal Ethics Committee (IAEC) to approve research and project proposals involving animal use.
3. All animal house facility activities are carried out per standard operating procedures (SOPs).
4. The animal house facility maintains the records of activities as well as maintenance and experimentation records of the animals as per the statutory requirement of CCSEA.
5. The animal house supports various research programs in Pharmacology, Biochemistry, Toxicology, Pharmaceutics, etc.

The animal house has the following in-house guidelines:

1. All animal facility users should undergo orientation and training in properly handling animals before they start the experimentation.
2. Animal studies can begin only after the IAEC approval of the research project.
3. The approved protocol should be strictly followed; the IAEC should clear any modification in the protocol.
4. Entry is restricted; only authorized people are allowed to enter the animal block with all the protective clothing like the apron, cap, face mask and designated slippers.
5. Experiments should be performed with due care and humanity in compliance with CCSEA.
6. All animal users should follow the 3 'R's (Replacement, Reduction, and Refinement) concept.

Functions:

- Store experimental animals for educational purposes.
- Breed laboratory animals for research and education purposes.

IAEC Meetings:

1. The last IAEC meeting was held on 29th March 2023 to discuss the research proposals submitted by the PG and PhD scholars as well as faculty members.

The staff of Animal House, Girijananda Chowdhury University, Guwahati, Assam:

The details of the staff are as follows:

IAEC members

Internal IAEC members

1. **Prof. SunayanBordoloi**
Designation: Biological Scientist, Chairperson, IAEC, GCU.
2. **Prof. Dipankar Saha**
Designation: Scientist from different biological discipline, IAEC, GCU.
3. **Prof. Bhanu Pratap Sahu**
Designation: Scientist from different biological discipline, IAEC, GCU.
4. **Dr.Sunayana Baruah**
Designation: Veterinarian, IAEC, GCU.
5. **Dr.Bhrigu Kumar Das**
Designation: Scientist In-charge of Animal House Facility (Member Secretary), IAEC, GCU.

CCSEA Nominee for IAEC (External IAEC members)

1.Dr. Birendra Nath Bhattacharyya

Designation: Main Nominee

Address: House No. 12, Seuji Ali, (By Lane 4, west) R G Baruah Road, Guwahati-781003, Assam.

2.Dr. Kishore Kumar Baruah

Designation: Link Nominee

Address: House no-4 Sri Sai Villa Kanaklata Road, Narayan Nagar Kumarpara, P.O.-Bharalumukh Guwahati-781009, Assam.

3.Dr. Amit Alexander

Designation: Socially aware nominee

Address: Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Government of India, Sila Village, Nizsundarighopa, Changsari, Kamrup (R), Guwahati- 781101, Assam.

4.Dr.Himangshu Baruah

Designation: Scientist from outside of the Institute

Address: Dept. Of Pharmacology & Toxicology, College of Veterinary Science, Khannapara, Guwahati-781022, Assam.

Non-teaching Staff:

1. Mr. Madan Das

Designation: Animal House caretaker

Mobile: +91-6002009547



Individually ventilated caging (IVC) facility at Girijananda Chowdhury University, Guwahati



Rats



Mice



Guinea pig



Rabbit



CCSEA-approved Animal House Facility, Girijananda Chowdhury University, Guwahati.



Report
on
AICTE-IDEA Lab
of
Girijananda Chowdhury University Assam



All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

AICTE-IDEA Lab Scheme - Sanction Letter

F.No.AICTE/IDEA202000469/2021

Date: 17th September, 2021

To

The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of **Rs. 4400000/- (Rupees Forty Four Lakh Only)** being the 1st installment **Grant-in-Aid** under the scheme **AICTE-IDEA Lab** for the year **2020-21** payable during the current financial year **2021-22-** reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs. 4400000/- (Rupees Forty Four Lakh Only)** as sanctioned Grant-in-Aid under the **AICTE-IDEA Lab** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, GIRIJANANDA CHOWDHURY INSTITUTE OF MANAGEMENT AND TECHNOLOGY, HATKHOWAPARA, AZARA, GUWAHATI-781017, Assam GUWAHATI, 781017
2.	Title of Project:	AICTE-IDEA LAB
3.	Name of Chief Mentor:	DR. THULESWAR NATH
4.	Duration of the project:	2 years
4.	Total Budget of this project	Rs. 10999000/- (Rupees One Crore Nine Lakh Ninety Nine Thousand Only) (Non-Recurring: Rs. 7999000/-, Recurring: Rs. 3000000/-)
5.	Total Institute/Industry Contribution	Rs. 5499000/- (Non-Recurring: Rs. 3999000 /- Recurring: Rs. 1500000/-)
6.	Total AICTE Contribution (1 st Installment as 80% in advance and 2 nd Installment of 20% will be released based on the; a) performance b) utilization of AICTE's first instalment c) deposition of 20% amount from non-AICTE sources and any other funds committed in the sanctioned project, besides other documents stipulated for fund release.)	Rs. 5500000/- (Non-Recurring: Rs. 4000000/- Recurring: Rs. 1500000/-) 1 st Installment: Rs. 4400000/- (Rupees Forty Four Lakh Only) (Non-Recurring: Rs. 3200000/- Recurring: Rs. 1200000/-)
7.	Financial Contribution beyond the Project Duration	Rs. 2426000/- (Rupees Twenty Four Lakh Twenty Six Thousand Only) Based on the commitment
6.	Sanctioned grant-in-aid is debatable to:	602.24(a)

(i) The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education

F.No.AICTE/IDEA/202000469/2021

on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS/PFMS.

- (ii) This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/ guidelines linked with IDEA Lab Project, to be followed by University/ Institution are as given below:

I. Release of funds

- a. The sanction is issued in exercise of the powers delegated to the Council and other terms & conditions laid down in the guidelines of the Scheme.
- b. 80% of the sanctioned amount is being released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in Terms & Conditions of AICTE-IDEA Lab Scheme.

II. Maintenance of accounts

- a. The Institute shall strictly follow the provisions laid down in the Scheme document and this sanction order (No. F.NoAICTE/IDEA202000469/2021 dated 17th September, 2021) issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project, failing which correspondence will not be entertained.
- b. Funds covered by this grant and other contributors shall have to be deposited in a separate Bank Account and would not be mixed up with other funds.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items or expenditure identified in the Scheme document.
- d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 1 month of receipt of grant that the sanctioned project has been started or is in progress.

III. Refund of grant by way of a demand draft in favor of Member Secretary, AICTE, New Delhi

- a. If the college/institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- b. If project is not started within one month of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

- a. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion. This shall be subject to review by AICTE or any committee constituted for the purpose.
- b. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- c. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

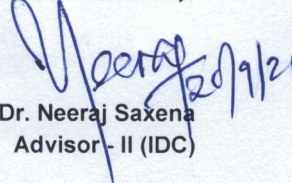
- d. Project completion report project indicating the activities undertaking, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- e. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- f. Photographs of equipment's purchased.
- g. The balance amount of the grant will be reimbursed to the university/ institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favor of the beneficiary institution.

V. General instructions

- a) Head of the Institution (HOI) shall be the ex-officio Chief Mentor (CM) of the IDEA Lab, which shall be managed by the students.
- b) HOI/CM shall be responsible for execution and completion of the sanctioned project, followed by submission of all related documents including the project report.
- c) The grant shall be utilized strictly for the purpose as specified in the Sanction letter. The institution can add existing equipment, conforming to the list/ specifications drawn by AICTE, to IDEA Lab with due intimation; however, such equipment will not be considered as a financial contribution of the institution to the IDEA Lab.
- d) GFR rules as announced by the GOI shall be used during Utilization of the grant. Re- appropriation of funds from one head to another is strictly not permitted unless recommended otherwise by AICTE experts. AICTE will release up to 80% of the sanctioned amount as the first instalment, against deposition of proportional share in the Bank Account of IDEA Lab.
- e) AICTE shall not consider any request for additional grants. Institute will invest funds for completion of the project in case there is a shortfall of money and also in running the IDEA Lab beyond two years. Separate institutional overhead expenses shall not be provided by AICTE.
- f) The assets acquired out of the grant shall be the property of the institution and should always reflect in its Book of Accounts including the Assets Register. They should be certified by the concerned HOI and Faculty Coordinator. No assets acquired out of the grant shall be disposed-off without the prior permission of the AICTE; IP assets are excluded.
- g) When the institute ceases to function the institute shall take action for equipment/ items procured through AICTE grants as follows:
 - i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed of scheme under which the equipment has been procuring.
 - ii. The equipment/ items in unserviceable condition to be disposed. If any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
 - iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
 - Institute under the same society/ trust/ management.
 - Nearly AICTE approved Government (Degree/ Diploma) institute/ College.
 - iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
 - v. AICTE shall be intimated regarding handling over/ takeover of the equipment/ items.
- h) Host institute shall not claim IP generated by mere use of the IDEA Lab facility by users, including students, faculty and third party.
- i) If the beneficiary institute exhibits non-performance and non-compliance to the conditions of IDEA Lab Scheme, AICTE may seek refund of unspent AICTE grant-in-aid and may debar institute from applying for grants in future.
- j) It will be the responsibility of the institution to first deposit their committed contribution (either from Industry or Institute or both) in the account mentioned in mandate form and the same should be informed with proof to the Council for AICTE to release its contribution.
- k) If the project is foreseen to remain incomplete within the project duration, the institute must seek approval from the AICTE at least two months before completion of the project duration. If approved, the project duration may be extended to up to a year. If not, the unspent amount along with the interest earned on it should be returned to the AICTE.
- l) The grantee shall furnish to AICTE, Utilization Certificate and an Audited Statement of Accounts pertaining to the grant as per the prevalent Financial Rules of Government of India.

- m) AICTE reserves the right to terminate support to the project at any stage, if it is convinced that the grant is not being utilized properly or that appropriate progress in the project work is not being made.
- n) AICTE will not have any liability towards the manpower appointed by the grantee institution for implementation of the project.
- o) AICTE will have no responsibility in case any loss is caused to any life or property due to accident, fire or any other reasons. The host institute is required to take appropriate safety and insurance measures to safeguard against any loss to human life and property related to IDEA Lab.
- p) The re-imburement of second install amount can be done only after submission of mandatory required documents and deposit of committed Financial Contribution beyond the Project Duration in the account number mentioned in sanctioned order.
- q) The institute shall solemnly confirm and agree to:
- Allow 24x7 access the students, faculty and industry for full utilization of facilities therein
 - Have the Head of Institution as Chief Mentor, besides, nominate Faculty Coordinator (1), Faculty Co-Coordinator (1) and Student Ambassadors (3) for running the IDEA Lab. Student Ambassadors will be selected from senior classes and given responsibility on a rotation basis.
 - Integrate activities/ pursuits at the IDEA Lab with academic programmes run by the institution
 - Allow linkages of the IDEA lab with facilities like library, clubs, incubation center, etc in the campus
 - Ensure security of IDEA Lab (controlled access) and safe working environment inside for the users
 - Proactively reach out users and conduct programmes aimed at utilization of IDEA Lab facilities
 - Strive to generate revenue to maintain and continuously upgrade the infrastructure
 - Be integral part of IDEA LABS Network (IDEALNET) - a national network of IDEA Labs created by AICTE overseen and guided by National Steering Committee (NSC) for AICTE – IDEA Lab
 - Enthusiastically undertake activities identified for constituents of IDEALNET
 - Provide data on the infrastructure, activities and achievements of the IDEA Lab
 - Maintain a distinct physical identity of IDEA Lab in the campus and promote it in all forms/ formats of media with right use of the logo of IDEA Lab.
 - Maintain a separate jointly-operated bank account for IDEA Lab
 - Participate in national initiatives of the governments announced from time to time
 - Abide by rules/ regulations/ norms of AICTE or other regulatory bodies, as applicable to other departments/ cells/ units in the campus

Yours sincerely,

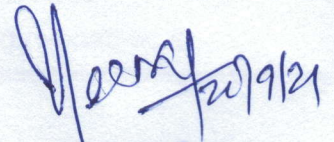

Dr. Neeraj Saxena
Advisor - II (IDC)

Copy forwarded for information and necessary action to:

F.No.AICTE/IDEA/202000469/2021

1. The Director/ Principal/ Registrar,
DR. THULESWAR NATH
GIRIJANANDA CHOWDHURY INSTITUTE OF MANAGEMENT AND TECHNOLOGY
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2. Guard File



Dr. Neeraj Saxena
Advisor - II (IDC)



AICTE-IDEA (Idea Development, Evaluation & Application) LAB SCHEME



AICTE
IDEALab



AICTE has decided to establish IDEA (Idea Development, Evaluation & Application) Lab in AICTE approved institutions, encouraging students for application of science, technology engineering and mathematics (STEM) fundamentals towards enhanced hands-on experience, learning by doing and even product visualization. As a common facility embedded in the institution, the IDEA Lab will make engineering graduates more imaginative and creative, besides getting basic training in the 21st century skills like- critical thinking, problem solving, design thinking, collaboration, communication, lifelong learning etc. IDEA Lab can facilitate the students and faculty to “engage, explore, experience, express and excel” as desired by the Hon’ble Prime Minister in the wake of release of National Educational Policy 2020.

Proposal

As the IDEA Lab is going to be a long-term intervention aiming to transform education imparted in the institution, the proposal must spell out a clear vision for the Lab, plan of implementation, mobilization of resources, strength and enthusiasm of faculty, utilization and expansion of facilities, etc. The alignment of activities with larger national goals/ missions/ initiatives or industrial requirements or serving disadvantaged sections of society etc. and commitment of resources for the same, will impart an edge for any proposal. Shortlisted proposals will be subjected to scrutiny by a panel of experts before sanctioning of the project by AICTE.

Implementation

The college/ educational campus/ university and industry are expected to participate financially, to match the contribution sought from AICTE or even exceed it, in establishing the IDEA Lab which ideally requires an area of 5000 sq. ft. The Lab which should ideally remain open 24x7, has to be equipped with facilities, tools and consumables to support translation of an idea to prototype development or develop solution of a problem. The institutions have to hold workshops/ trainings, ideation sessions, boot-camps, competitions etc. and participate in similar activities organized by other IDEA Labs/ organizers and also in national/ international events so as to ensure that IDEA Lab is used productively and also extensively.

AICTE expects that an IDEA lab will greatly enhance the visibility of the institution among stakeholders and significantly improve the employability of students by imparting 21st century skills. All of them have to become part of IDEA Lab Network (IDEALNET) to learn from each other, collaborate and enhance their performance.

The institution must also agree to maintain the IDEA Lab, keep it well-furnished, take care of security, provide a safe working environment and stock adequate supplies of consumables. The institution must provide necessary staff and all support facilities and amenities required to operate and maintain the Lab. It should also agree to guidelines issued by AICTE in the matter of IDEA Lab and other Government of India rules besides following the enunciated Code of Conduct (as in Annexures) in letter and spirit.

A set of Question & Answers is given later in this document for better understanding of the concept and its implementation.

Eligibility

- AICTE approved engineering colleges/ university departments in existence for having at least 10 years and at least one course with live NBA accreditation.
- Aspiring institutions shall have to muster financial contribution to the tune of at least 50% for the IDEA Lab. Weightage will be given to additional quantum of funds, coming specially from industry.
- The institution must provide a built-up and furnished space of 3000 sq. ft. to house

the IDEA Lab (2000 sq ft for Lab & 1000 sq ft for student activities), though the ideal requirement is 5000 sq ft. It must provide all support staff, facilities and amenities required to operate and maintain the Lab

Financial Assistance

Estimated project cost per AICTE Lab is Rs. 110 lakh- non-recurring expenditures (covering the cost of equipment, tools and consumables) of Rs. 80 lakh and recurring expenditures (covering the cost of events and activities for two years) of Rs. 30 lakh. AICTE can provide up to 50% i.e. Rs 55 lakh.

Duration of the Project

Duration of project will be two years from the date of receipt of funds by the institute. AICTE will monitor the IDEA Lab as part of IDEA Labs Network (IDEALNET) for 5 years, so that cultural change in the campus becomes visible due to the fully functional Lab.

Monitoring

All IDEA Labs will, by default become a part of IDEA Lab Network, and subject to periodic monitoring on common parameters identified by AICTE. The performance visible to all, may be normalized for inducing healthy competition among all IDEA Labs, with collaborations also incentivized. This will help in significantly improving the visibility of the institution through qualitative improvement of graduates and also faculty.

Terms & Conditions

1. Head of the Institution (HOI) shall be the ex-officio Chief Mentor (CM) of the IDEA Lab, which shall be managed by the students. CM has to nominate a Faculty Coordinator (FC) and also a Faculty Co-coordinator (FCC) to assist her/him in implementation, coordination and liaising with students managing the Lab. The Faculty Coordinators can be authorized to liaise with stakeholders.
2. HOI/CM shall be responsible for execution and completion of the sanctioned project, followed by submission of all related documents including the project report.
3. Any expenditure incurred prior to the issuance of the approval letter is not allowed to be adjusted in the grant. The grant shall be utilized strictly for the purpose as specified in the sanction letter. The institution can add existing equipment, conforming to the list/ specifications drawn by AICTE, to IDEA Lab with due intimation; however, such equipment will not be considered as a financial contribution of the institution to the IDEA Lab.
4. GFR rules as announced by the GOI shall be used during Utilization of the grant. Re- appropriation of funds from one head to another is strictly not permitted unless recommended otherwise by AICTE experts. AICTE will release upto 80% of the sanctioned amount as the first instalment, against deposition of proportional share in the Bank Account of IDEA Lab.
5. Once the project is sanctioned, the AICTE shall not consider any request for additional grants. Institute will invest funds for completion of the project in case there is a shortfall of money and also in running the IDEA Lab beyond two years.
6. Separate institutional overhead expenses shall not be provided by AICTE.
7. The assets acquired out of the grant shall be the property of the institution and should always reflect in its Book of Accounts including the Assets Register. They should be certified by the concerned HOI and Faculty Coordinator.



No assets acquired out of the grant shall be disposed-off without the prior permission of the AICTE; IP assets are excluded.

8. Host institute shall not claim IP generated by mere use of the IDEA Lab facility by users, including students, faculty and third party.
9. If the beneficiary institute exhibits non-performance and non-compliance to the conditions of IDEA Lab Scheme, AICTE may seek refund of unspent AICTE grant-in-aid and may debar institute from applying for grants
10. It will be the responsibility of the institution to collect the funds from industry, committed for the project and inform AICTE, before seeking funds from AICTE.
11. If the project is foreseen to remain incomplete within the project duration, the institute must seek approval from the AICTE at least two months before completion of the project duration. If approved, the project duration may be extended to upto a year. If not, the unspent amount along with the interest earned on it should be returned to the AICTE.
12. The grantee shall furnish to AICTE, Utilization Certificate and an Audited Statement of Accounts pertaining to the grant as per the prevalent Financial Rules of Government of India.
13. AICTE reserves the right to terminate support to the project at any stage, if it is convinced that the grant is not being utilized properly or that appropriate progress in the project work is not being made.
14. AICTE will not have any liability towards the manpower appointed by the grantee institution for implementation of the project.
15. AICTE will have no responsibility in case any loss is caused to any life or property due to accident, fire or any other reasons. The host institute is required to take appropriate safety and insurance measures to safeguard against any loss to human life and property related to IDEA Lab.

Q&A

Q. What is an IDEA Lab & what is the idea behind it?

- A. The purpose of IDEA Lab is to provide all facilities under one roof, for conversion of an idea into a prototype. With these facilities in the campus, more students and faculty will be encouraged to take up creative work and in the process, get training on creative thinking, problem solving, collaboration etc. which conventional labs are not able to. The focus will be on training students so that they become imaginative and creative and stay so at the workplaces they join. The whole idea is to transform engineering education with such a Lab in all colleges and for this they must proactively expose all students to the IDEA Lab, organize training sessions for interested students as well as support projects and by providing online learning materials.

Teachers must also get trained in these Labs to know their scope and opportunities in teaching learning processes as well as research and development projects. They should encourage the students to take up and themselves get involved in activities, projects, internships which involve utilization of such Labs. They must strive for creating problems/ projects/ internships in their own subjects/ disciplines and mentor the students.

Q. For whom the IDEA Lab is meant and can they be charged?

- A. IDEA Lab is meant for students and faculty of the college/ educational campus/ University who are not to be charged but must be registered as users. Students and faculty from other schools or colleges must also be encouraged to use the facilities. Usage by industry, entrepreneurs, start-ups, alumni etc will be encouraged to use it and can be charged to recover the cost of consumables and operations.

Q. Which institutions are eligible for applying for AICTE IDEA Lab?

- A. Institutions (including part of educational campuses or universities) more than 10 years old are eligible for applying and must have at least one course accredited by the NBA. In the first year of scheme, institutes located in places other than mega and metros [as defined in APH of AICTE: Greater Mumbai (UA), Delhi (UA) and Kolkata (UA), Chennai (UA), Bangalore (UA), Hyderabad (UA), Ahmedabad (UA), Pune (UA), Surat (UA)] will be given preference. So if you are not having any accredited course, you are strongly advised to go for it this year, to be eligible for applying against subsequent calls for proposal. Also, your association and IDEA Lab will be given weightage when you apply next year.

Q. What type of civil infrastructure is required for an IDEA Lab?

- A. Ideally, a built up area of 5000 sq. ft. is required. But the institution must agree to provide a minimum built-up and furnished space of 2000 sq. ft. for the laboratory and an additional 1000 sq. ft. to facilitate activities under IDEA Lab. The installation of equipment has to be done taking into account all safety and environmental concerns.

Q. What hardware constitutes an IDEA Lab?

- A. In order to support do-it-yourself activities and facilitate translation of ideas into prototypes, each IDEA Lab must be equipped with tools, components and consumables. Equipment and consumables have been identified (in Annexure I) and tools (in Annexure II) which need to be there for a fully functional IDEA Lab as a complete unit. This investment is absolutely necessary so that activities to be taken up under the Lab are not stalled. It is imperative that the components and consumables for electrical, electronic and mechanical are stocked up in IDEA Lab and replenished frequently. Optional equipment, tools, consumables are also



given, as a suggestive list (Annexure III) but the institutions are free to add from their side depending on the focus they decide for the IDEA Lab and reflect in the proposal. It is expected that colleges will buy good quality equipment, tools and consumables which should help improve their performance and in turn, revenue generation also.

Additional facilities from own resources should be added and if reflected in the proposal will earn more weightage in evaluation, as an indication of resources in implementation of the project. It is suggested that colleges interact with other local industries/ agencies who can make use of the facilities at designated times; by contributing a small amount, they can have access to facilities worth a crore of rupees.

Q. Can the institute contribute in raising IDEA Lab through existing equipment?

A. The institution can shift permanently equipment/ tools they may be having with them to the IDEA Lab. However, they will not be included in the budget but reflected in the inventory.

Q. Can more than one institution join?

A. The utilization of facilities for the purpose they are given, to the maximum extent, is of paramount concern for AICTE. Towards this, institutions can come together under a lead institution which is eligible to apply. The Lab has to be in the premises of the lead institution which will be responsible for executing the project and ensuring that participating institutions and industries are not a liability on IDEA Lab/ Institution.

Q. Can the entire non-AICTE funding be from the institution?

A. Yes, the contribution can be from college but this is an excellent opportunity to reach out to industry inviting them for a national initiative. With gates opened for industry, the revenue generation and hence, prospects for sustenance of Lab enhance significantly. This is besides the live problems/ challenges they can offer to the colleges and technical experts as well.

Q. What are the activities that an IDEA Lab has to take up?

A. The following table lists activities/ events and their number/ frequency in AICTE IDEA Lab and there has to be commitment to conduct minimum numbers, to be eligible for sanctioning of the project.

Sr. No.	Event & Duration	Target & Batch size	Objective & Justification	Frequency/ Numbers
1	FDP (06 Days)	Faculty (20)	Faculty needs to be trained on equipment, to be able to guide students and conduct events- including those from other institutions	Twice in a year
2	Skilling Programs (06 Days)	Students (20-30)	Training in areas like electrical and electronics fabrication, embedded systems design. Embedded programming, 3D printing, robotics, welding, IOT, Machine learning, AI, bio-engineering, biomedical etc	One per quarter
3	Bootcamps (12 Days)	Faculty (05-10)	Training of faculty (including those from other institutions, spread over few weeks, continuing at workplaces, if required	Twice a year

4	Ideation workshops (03-05 Days)	Students (30-40)	To generate ideas on which students can work in the IDEA Lab, including field visits	Once in three months
5	Awareness Workshops for Industry (02 Days)	Industry participants (5-10)	Publicizing IDEA Lab among industries, to encourage them to use the facilities	Once in three months
6	Internships (2 to 6 months)	Students (15-20)	For hands-on training as part of their course-work during summer and winter vacations. Internships based on industry problems should be preferred.	As per curriculum.
7	Professional Skilling Programs (12 Days)	ITI students or class 10/12 pass students (5-10)	Welding, 3D printing, mechanical fabrication. etc	Once in a quarter
8	School Teachers Awareness Program (06 Days)	Teachers of nearby schools	Demonstration and providing hands-on experience of facilities	Twice a year (during school vacations)
9	Projects by School students	Students identified by schools (10-15)	Opportunity for school students to do projects	Once a year (as per convenience)
10	Open Day for school students (one day)	Students (class XI-XII) nominated by schools (25-30)	Exposure to facilities in IDEA Lab to ignite their minds (on Science Day/Technology Day/Teachers Day/Engineers Day)	Once a year (as per convenience)
11	Participation in annual technical exhibitions	Nationwide IDEA labs	Technical exhibitions etc For example, Tech FEST, Mind SPARK etc. organized by renowned Institutions/ Industries etc to showcase activities/products/prototypes developed in IDEA labs	Once in a year
12	Newsletter	Nationwide IDEA labs	To disseminate information to all the labs about activities of other labs, technology issues, any interesting development etc.	Monthly/ Bi-monthly
13	Webpage	All stakeholders	For web-presence of IDEA Lab, and showcasing itself before the stakeholders and other IDEA Labs	Weekly/ Bi-weekly updation
14	Annual conference/ symposium of all IDEA labs	All IDEA Labs, DIY labs or similar labs across the nation/outside the nation also	To promote active interaction, showcase of lab activities, promote collaboration at national and international level labs	Once in a year

* Students and faculty from other colleges should be encouraged for using the facilities

*Events calendar shall have to be drawn ensuring that timings for different groups do not clash and are also convenient.

*Visit to IDEA Lab in batches, should be included in the Student Induction Program



Q. Who operates and manages IDEA Lab?

A. The Head of Institute will be the ex-officio Chief Mentor (CM) of the AICTE IDEA Lab, responsible for overall implementation of the project. He/she has to identify a dynamic faculty in the proposal itself, to serve as Faculty Coordinator (FC) and also one Faculty Co-coordinator (FCC) for day-to-day running of the Lab. The identified faculty should be dynamic, creative and go-getter, having a background in Electrical/ Electronics/ CS/ IT/ Mechanical Engineering or related fields. Faculty Coordinator shall have to mandatorily attend the Bootcamps (of 6-10 days) which AICTE will organize, to understand the establishment and operations. Three AICTE IDEA Lab Student Ambassadors must be identified by CM to assist FC & FCC in day-to-day activities, on a rotation basis for 3 or 4 months.

Q. How are Student Ambassadors to be selected?

A. Students from the 3rd/ 4th year of UG or any year of PG course who show keen interest in the activities and regularly participate in them, can be nominated. Institute can frame its own set of rules for this. Upto 3 Ambassadors can be there at a time and should be rotated, maintaining gender equity.

Q. What shall be the operational hours for IDEA Lab?

A. The Lab has to remain open for the students and faculty at least from 9am to 11pm. But this should not limit usage of facilities there-in and period should be extendable on the demand of students/ faculty. Certain activities/ events/ operations in the Lab may require keeping the Labs open 24x7 also.

Q. How can other faculty make use of the facilities?

A. IDEA Lab is as much to be used by faculty, as students, including for their research work. They can work on their ideas independently or by involving students. They can create internship projects or practical work which require significant use of IDEA Lab and also facilities in their own departments. Working on interdisciplinary projects involving IDEA Lab would be appreciated.

Q. Can the Head of the Institution (HOI) delegate responsibility to another faculty?

A. As Chief Mentor (CM) of IDEA Lab, the overall responsibility of execution of the project and also its usage by all students/ faculty/ industry lies with the HOI. The Faculty Coordinator (FC) and Faculty Co-coordinator (FCC) should assist HOI/ CM and also oversee that students are able to use the facilities. FC and FCCs and technical staff should be sent for any training or meetings organized by AICTE/ IDEALNET. Institute may on its own, engage staff for other requirements it feels necessary for smooth functioning, e.g. IT, Admin, Liaison etc.

Q. Can the institution put in place a committee for implementation of the IDEA Lab project?

A. It's the prerogative of the institution to have one, as an internal mechanism. However, it should in no way become an impediment, at any stage, in the functioning of the Lab.

Q. Can more equipment be added, by the institution from its own resources?

A. It is expected that the institute decides to focus on either a national initiative/ mission/ goal or any segment of industry and align the IDEA Lab with it. Alignment with a socio-economic sector or disadvantaged sections of society could also be thought of, depending on local needs, if the institution so feels. This should, with added infrastructure, give the institution an edge and improve its

performance and visibility. The quantum of additional amount committed by institutions, over and above mandatory equipment will significantly add to the merit.

Institutions can also link IDEA Lab with their existing advanced/ special facilities that it may be having and augment them further. They should reflect it in their proposal clearly spelling out how linking benefits the students, faculty and industry.

Q. What does an industry get by contributing financially in establishment of an IDEA Lab?

A. As a recognition of their contribution in establishing an IDEA Lab, an industry matching the grant from AICTE or contributing more will be privileged to prefix its abbreviated name to "AICTE IDEA LAB". For example, if an industry with abbreviated name PQRS is contributing what AICTE is or even more, then it could be named as "PQRS AICTE IDEA LAB". Other industries having smaller financial stakes can be priority users of facilities.

Q. Can more than one industry join?

A. As long as interested industries are an asset and not a liability on IDEA Lab/ Institution, they are welcome to contribute and participate. They can be given preference over non-contributing industries, in making use of the facilities of IDEA Lab.

Q. Can we charge the users of IDEA Lab?

A. Users other than students and faculty can be charged. Revenue generation will be a performance indicator and is strongly encouraged, for sustenance of the Lab. Faculty/ teachers/ staff attending the courses organized by the Lab, which earn a certificate useful for career advancement, can be charged nominally. There can be differential charges for users of facilities and those for a course/ training.

Q. What will be the mechanism of monitoring?

A. Data on 15-20 parameters will have to be provided and uploaded on a weekly/ fortnightly/ monthly basis, as decided by AICTE. Points based on parameters will be added up to reflect the overall performance. The performance of all IDEA Labs will be reflected on a website maintained by AICTE. Thus, there will be a leaderboard on the website which will show the weekly standing and overall performance of each IDEA Lab. This should enhance the visibility of the institution among stakeholders and earn recognition from various quarters.

Q. Will we be able to apply again if we miss this year?

A. Yes, if the scheme is open. However, institutions must acquire accreditation for more courses to enhance their chances. The institutions who associate themselves with an established AICTE-IDEA Lab and make use of the facilities will get weightage in the next year.

Q. Can we set up an IDEA Lab without AICTE funding?

A. Institutes are free to set up similar Lab from their own resources, but cannot be part of IDEA Labs Network (IDEALNET) which naturally comes with a lot of advantages that any network has. If they have upto 75% equipment identified for IDEA Lab, are willing to add more equipment from their own resources and have engaged in activities like IDEA Lab, they could be considered for IDEALNET at a later point of time that will be decided by AICTE.



Q. When and how will AICTE release funds?

- A. AICTE will release 80% of sanctioned amount as first instalment only after matching grant is deposited in the exclusive Bank Account of IDEA Lab and proof submitted. The second instalment of 20% will be released based on the (a) performance (b) utilization of AICTE's first instalment (c) deposition of 20% amount from non-AICTE sources and any other funds committed in the sanctioned project, besides other documents stipulated for fund release.


ANNEXURE I

List of **Mandatory Equipment** in AICTE-IDEA Lab

S. No.	Name of Equipment
1	Laser Cutter
2	Vinyl Cutter
3	3D Printer
4	3D Scanner
5	CNC Router
6	Mini Desktop Lathe cum Milling
7	Drilling M/c 1 HP Motor
8	Handheld High Speed Drilling M/c-15000 RPM with accessories - 2 Nos.
9	Benchtop Grinder Machine
10	Solder stations (5 nos)
11	Desoldering M/c
12	Advanced, motorized Sewing Machine
13	Wood Lathe
14	Power Tools
15	Portable Welding M/c
16	Refrigerator
17	Normal and Microwave Oven
18	Magnifying Glass with Stand- 2 No.
19	Digital Microscope
20	Mixed Signal Oscilloscope
21	Digital Storage Oscilloscope
22	Signal Generator
23	Variable Power Supply
24	Benchtop Multimeter
25	Projector
26	Heavy Duty Laser Printer
27	PCB Milling Machine*
28	Smart Board
29	Computer Workstation in networking- 5 Nos
* low cost FeCl3 version can also be opted as an alternative	


 List of **Mandatory Consumables** in AICTE-IDEA Lab

S. No.	Name of item		
1	Vacuum Cleaner		
2	Hot Air Gun- 5 Nos.		
3	Measuring Equipment [Vernier calliper (0-200/0.01), Vernier height gauge (0-1000mm), Micrometer 0-50, 50-100/0.001 inside and outside)], Metal Scale etc		
4	Fire Extinguisher		
5	First Aid Box		
6	Digital Multimeter (5 units)		
7	Clothes Iron (5 units)		
8	Electronic Component Repository (LCR Meter, Variac etc)		
9	3D printer Filament	Depending on the printer	2 rolls
10	Acrylic Sheets	2mm,3mm, 4mm, 5mm All of area 8ft x 4ft	2 sheets each
11	Foam Sheets	8mm, 10mm, 12mm, 15mm All of area 8ft x 4 ft	2 sheets each
12	Ply Boards	8mm, 12 mm, 18mm, All of area 8ft x 4ft	2 sheets each
13	Nylon Rods	12mm, 15mm, 18mm, 25mm All of length 1 m	5 each
14	Nuts	3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm	100 each
15	Bolts	Dia (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) length (1", 1.5", 2", 2.5")	100 each
16	Screws	3mm, 4mm, 5mm	100 each
17	Washers	3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm	100 each
18	Studs	6mm, 8mm, Length 1m	5 each
19	Nails	1", 2", 3"	100 each
20	Adhesives	M-Seal, Feviquick, Fevi Bond	10 each
21	2Way Tapes	20 rolls	
22	PVC Pipes	.75", 1", 1.5", 2.5", 3" Length 10ft	1 each
23	Aluminum Channels	L, C, Box, Strip Length 12ft	2 each
24	PCB Drill Bits	0.5mm, 0.8mm, 1mm	20 each
25	Drill Bits	3mm, 4mm, 5mm, 6mm,	20 each
26	Drill Bits	8mm, 10mm, 12mm	5 each
27	Carpentry Boring Bits	Entire Kit	1 kit
28	Electronic Active and Passive components	Resistors, Capacitors, diodes and transistors	10 each



29	USB Cables	For connecting Arduino and other development boards	10
30	Radium Cutter Knives		10
31	Glue Sticks		50
32	Hack Saw Blades	6" and 12"	10 each
33	9V Battery Snaps		20
34	LAN Cables	For connecting Raspberry Pi	5
35	9V Batteries		20



ANNEXURE II

List of **Mandatory Tools** in AICTE-IDEA Lab

S. No	General & Mechanical Tool Name
1	Hacksaw (5 Nos.)
2	Micro Chisel Set (3 Nos.)
3	Pliers (3 Sets)
4	Manual PCB Drilling Machine (3 Nos.)
5	PCB power Drilling Machine (3 Nos.)
6	Cordless Drilling Machines (2 Nos.)
7	Jigsaw Machines (2 Nos.)
8	Power Circular Saw (2 Nos.)
9	Files Set (2 Sets)
10	File Handles (1 Set)
11	Needle Files (2 Sets)
12	Pipe Vice (2 Pcs)
13	Mini HackSaw (5 Nos.)
14	Ball Peen Hammer (5 Nos.)
15	Steel Shaft Claw Hammer (5 Nos.)
16	Nylon Mallet (5 Pcs)
17	Rubber Mallet (5 Pcs)
18	Allen Key Set (3 Sets)
19	Dremel multi tool kit (2 Nos.)
20	Double ended spanner sets (2 Sets)
22	12 Piece Open ended Spanner Set (2 Sets)
22	Belt and Disc Sanding Machine (1 No.)
23	Scroll Saw Machine (1 No.)
24	Tool Wall covering Perforator (3 pcs)
25	Dremel Moto Saw
26	Bench Grinding Machine
27	Power Return Measuring Tape (5 Nos.)
28	Tri Square 8" (5 Nos.)
29	Stainless Steel Rule (5 Nos.)
30	Digital Vernier Caliper (5 Nos.)
31	Spirit Level (5 Nos.)
32	Dremel Cordless Rotary Tool
33	Power Router
34	Sewing Machine
35	Impact Drill (3 Units)
36	Ratchet Set (2 Units)
37	Router Bit Starter kit
38	Scroll Saw



Electrical Tools

S. No	Electrical Tool Name
1	Hot Air Blower With Soldering Iron (5 Nos)
2	Tin Cutter with Spring (10 units)
3	Centrifugal Blower
4	Screwdriver Sets (2 sets)
5	Cutting Mats (5 Nos.)
6	Vacuum Cleaner (2 Nos.)
7	Hot Air Gun- 5 Nos.
8	Micrometer - 5 Nos
9	Glue Gun-5 Nos
10	Air Compressor
11	Allen Set Wrench(5 set)
12	Tongue and Groove Pliers (5 pcs)
13	Non-contact voltage tester (5 pcs)
14	Wire Stripper (5 pcs)
15	Fish Tape (2 pcs)
16	Flashlights (2 pcs)
17	DC Regulated Power Supply (3 units)
18	Solder Wick (10 pcs)
19	Filament Dehydrator
20	Reflow Oven
21	Glass Cutter
22	Gypsum (10kg)
23	Digital Multimeter (5 units)
24	Clothes Iron (5 units)
25	Oscilloscope (4 units)



Networking Tools

S. No	Networking Tool Name
1	C-Clamp (10 pcs)
2	Ratchet clamp 8 inches/200mm (10 pcs)
3	Baby Vice 60 mm (5 pcs)
4	Bench vices (5 units)
5	Anvil

ANNEXURE III

List of **Optional** Equipment & Consumables in AICTE IDEA Lab

(This is a suggestive list. Institutions can choose equipment depending on the area they identify to focus on)

S. No.	Equipment
1	Coil Winding M/c motorized
2	Plotter -Printer
3	HAM Radio transceiver, antenna and related equipment
4	Relevant Software (Academic Licenses)
S. No.	Consumable
1	Sensor set including sensors for Home/ Industry/ Agriculture Automation, Medical diagnosis
2	Arduino UNO boards (10 sets including USB A to B cable+ male –male connecting wires+ female to female connecting wires+ male –female connecting wires)
3	NodeMCU (ESP8266) boards (10 sets (10 sets including USB A to B cable+ male –male connecting wires+ female to female connecting wires+ male –female connecting wires)
4	Raspberry Pi 4 boards (05 sets including HDMI – mini HDMI connector, Memory card of 8 GB, adaptor, casing)
5	BeagleBone AI for Artificial Intelligence based applications (5 sets)
6	BeagleBone -Black-Wireless 5 sets)
7	Peripheral sets for Arduino/ NodeMCU/ Raspberry Pi (10 sets)
8	ESP32 CAM Development Board WiFi+Bluetooth with OV2640 Camera Module (5 sets)
9	Solnoi Electronics Raspberry Pi 3 Camera Module Night Vision Camera (5 sets)



ANNEXURE IV

CODE OF CONDUCT FOR AICTE-IDEA LAB
(to be accepted by the Institution sanctioned the project)

<< Name of the College >> agrees to

- Allow 24x7 access the students, faculty and industry for full utilization of facilities therein
- Have the Head of Institution as Chief Mentor, besides, nominate one Faculty Coordinator, one Faculty Co-coordinator & three Student Ambassadors for running the IDEA Lab. Student Ambassadors will be selected from senior classes and given responsibility on a rotation basis.
- Integrate activities/ pursuits at the IDEA Lab with academic programmes run by the institution
- Promote use of IDEA lab by students from all engineering departments including from nearby institutes- for developing creative and innovative multidisciplinary projects as a part of their curriculum.
- Allow linkages of the IDEA lab with facilities like library, clubs, incubation center etc in the campus
- Ensure security of IDEA Lab (controlled access) and safe working environment inside for the users
- Proactively reach out users and conduct programmes aimed at utilization of IDEA Lab
- Strive to generate revenue to maintain and continuously upgrade the infrastructure
- Be integral part of IDEA LABS Network (IDEALNET)- a national network of IDEA Labs created by AICTE overseen and guided by National IDEA Labs Steering Committee
- Enthusiastically undertake activities identified for constituents of IDEALNET
- Provide data on the infrastructure, activities and achievements of the IDEA Lab
- Maintain a distinct physical identity in the campus and promote it in all forms/ formats of media with right use of the logo of IDEA Lab.
- Maintain a separate jointly-operated bank account for IDEA Lab
- Participate in national initiatives of the governments announced from time to time
- Take timely action in protection of IP including patents, if any
- Abide by rules/ regulations/ norms of AICTE or other regulatory bodies, as applicable to other departments/ cells/ units in the campus

Date.....
Place.....

Name & Signature of the
Head of Institution



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, New Delhi-110067

For further information please contact/send e-mail

E-mail : idealab@aicte-india.org

Phone No.: 011-29581308



@OfficialAICTE



@AICTE_India



/MediaAICTE



/company/aicteindia

AICTE IDEA Lab, GCU Events (24th June 2022 - till date)

Sl. No.	Events name	From	To	Duration
1.	Introduction to GIMT AICTE IDEA Lab	2022-06-24	2022-06-25	2 Days
2.	Skilling Program on PCB Fabrication, 3D Printing and 3D Scanning	2022-08-22	2022-08-26	5 Days
3.	Internship Program on 3D Printing & Scanning	2022-08-30	2022-09-13	15 Days
4.	Familiarization of IDEA Lab	2022-09-05	2022-09-05	1 Day
5.	Student Internship on PCB Fabrication, 3D Printing, 3D Scanning	2022-09-09	2022-09-20	12 Days
6.	Alumni Tour of IDEA Lab	2022-09-10	2022-09-10	1 Day
7.	Student Induction Program: Familiarization of 3D Printer	2022-09-12	2022-09-12	1 Day
8.	Student Induction Program: Familiarization of 3D Scanner	2022-09-12	2022-09-12	1 Day
9.	Student Induction Program: Familiarization of PCB Prototype Machine	2022-09-12	2022-09-12	1 Day
10.	Student Induction Program: Familiarization of 3D	2022-09-13	2022-09-13	1 Day
11.	Student Induction Program: Familiarization of 3D Scanner	2022-09-13	2022-09-13	1 Day
12.	Student Induction Program: Familiarization of PCB Prototype Machine	2022-09-13	2022-09-13	1 Day
13.	Student Induction Program: Familiarization of 3D Printer	2022-09-14	2022-09-14	1 Day
14.	Student Induction Program: Familiarization of 3D Scanner	2022-09-14	2022-09-14	1 Day
15.	Student Induction Program: Familiarization of PCB Prototype Machine	2022-09-14	2022-09-14	1 Day
16.	Student Induction Program: Familiarization of 3D Printer	2022-09-16	2022-09-16	1 Day
17.	Student Induction Program: Familiarization of 3D Scanner	2022-09-16	2022-09-16	1 Day
18.	Student Induction Program: Familiarization of PCB Prototype Machine	2022-09-16	2022-09-16	1 Day
19.	FDP on Application of CAD in 3D Printing & 3D Scanning	2022-09-20	2022-09-24	5 Days
20.	FDP on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2022-09-20	2022-09-24	5 Days
21.	Skilling Program on Application of CAD in 3D Printing & 3D Scanning	2022-10-11	2022-10-15	5 Days
22.	Skilling Program on Application of CAD in 3D Printing & 3D Scanning	2022-10-17	2022-10-22	6 Days
23.	Skilling Program on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2022-10-17	2022-10-22	6 Days
24.	Skilling Program on PCB Designing and Fabrication	2022-10-25	2022-10-29	5 Days
25.	Skilling Program on Application of CAD in 3D Printing & 3D Scanning	2022-10-31	2022-11-05	6 Days
26.	Skilling Program on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2022-10-31	2022-11-05	6 Days
27.	Skilling Program on Introduction to Eagle Software and PCB Fabrication	2022-11-07	2022-11-12	6 Days
28.	Skilling Program on Application of CAD in 3D Printing & 3D	2022-11-07	2022-11-12	6 Days

AICTE IDEA Lab, GCU Events (24th June 2022 - till date)

	Scanning			
29.	Skilling Programme on Application of CAD in 3D Printing & 3D Scanning	2022-11-14	2022-11-19	6 Days
30.	Skilling Programme on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2022-11-14	2022-11-19	6 Days
31.	Skilling Programme on Introduction to Eagle Software and PCB Fabrication	2022-11-21	2022-11-26	6 Days
32.	Skilling Programme on Application of CAD in 3D Printing & 3D Scanning	2022-11-21	2022-11-26	6 Days
33.	Skilling Programme on Application of CAD in 3D Printing & 3D Scanning	2022-11-28	2022-12-03	6 Days
34.	Skilling Programme on Introduction to Eagle Software and PCB Fabrication	2022-11-28	2022-12-02	5 Days
35.	Skilling Programme on Introduction to Eagle Software and PCB Fabrication	2022-12-05	2022-12-09	5 Days
36.	Introduction to Electronic Circuits	2022-12-14	2022-12-14	1 Day
37.	Introduction to Electronic Components	2022-12-14	2022-12-14	1 Day
38.	Introduction to Electronic Equipments	2022-12-14	2022-12-14	1 Day
39.	Internship Program on Circuit Design Simulation and PCB Fabrication	2022-12-15	2022-12-24	10 Days
40.	Introduction to Electronic Equipments	2022-12-15	2022-12-15	1 Day
41.	Introduction to Electronic Components	2022-12-15	2022-12-15	1 Day
42.	Introduction to Electronic Circuits	2022-12-15	2022-12-15	1 Day
43.	Skilling Programme on Application of CAD in 3D Printing & 3D Scanning	2022-12-19	2022-12-24	6 Days
44.	Skilling Programme on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2022-12-19	2022-12-24	6 Days
45.	Introduction to Electronic Circuits	2022-12-16	2022-12-16	1 Day
46.	Introduction to Electronic Components	2022-12-16	2022-12-16	1 Day
47.	Alumni Tour of IDEA Lab	2022-12-10	2022-12-10	1 Day
48.	Introduction to PCB Fabrication	2022-12-21	2022-12-21	1 Day
49.	Introduction to Eagle Software	2022-12-21	2022-12-21	1 Day
50.	Introduction to 3D Printing & 3D Scanning	2022-12-21	2022-12-21	1 Day
51.	Faculty Development Programme on Application of CAD in 3D Printing & 3D Scanning	2023-01-04	2023-01-09	6 Days
52.	Faculty Development Programme on Fundamentals of CAD in 3D Printing & Reverse Engineering through 3D Scanning	2023-01-04	2023-01-09	6 Days
53.	Faculty Development Programme on Circuit Design Simulation & PCB Fabrication	2023-01-04	2023-01-09	6 Days
54.	Faculty Development Programme on Laser Engraving & CNC Wood Router	2023-01-23	2023-01-28	6 Days
55.	Faculty Development Programme on PCB Design and Fabrication	2023-02-06	2023-02-10	5 Days
56.	Skilling Programme on Fundamentals of Additive & Subtractive Manufacturing	2023-02-21	2023-03-07	15 Days
57.	Skilling Programme on Digital Manufacturing	2023-02-21	2023-03-07	15 Days
58.	Skilling Programme on Embedded System Design	2023-02-22	2023-03-03	10 Days

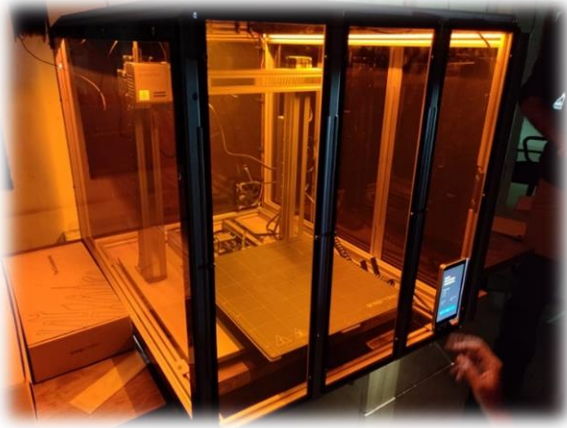
AICTE IDEA Lab, GCU Events (24th June 2022 - till date)

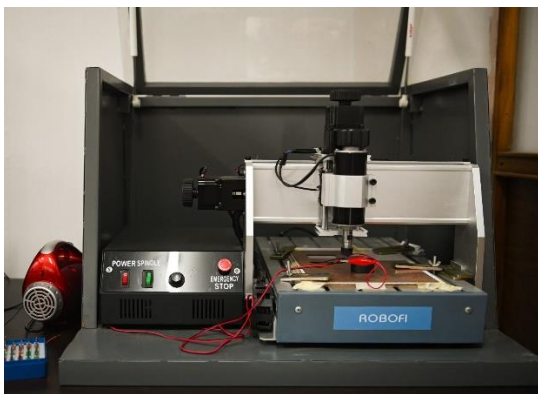
59.	Skilling Programme on Circuit Design and Simulation using Eagle Software	2023-02-22	2023-03-03	10 Days
60.	Skilling Programme on PCB Design and Fabrication	2023-02-22	2023-03-03	10 Days
61.	Skilling Programme on PCB Design and Fabrication	2023-04-03	2023-04-13	11 Days
62.	Skilling Programme on Innovative Engineering and Design	2023-04-03	2023-04-08	6 Days
63.	Skilling Programme on Fundamentals of Additive and Subtractive Manufacturing	2023-04-03	2023-04-08	6 Days
64.	Skilling Programme on Applications of Additive Manufacturing	2023-04-03	2023-04-08	6 Days
65.	Skilling Programme on PCB Design and Fabrication	2023-06-23	2023-06-30	6 Days
66.	STUDENT INDUCTION PROGRAMME ON PCB FABRICATION	2023-08-09	2023-08-11	3 Days
67.	STUDENT INDUCTION PROGRAMME on Eagle Software	2023-08-10	2023-08-12	3 Days
68.	STUDENT INDUCTION PROGRAMME on Additive Manufacturing	2023-08-10	2023-08-12	3 Days
69.	STUDENT INDUCTION PROGRAMME on Subtractive Manufacturing	2023-08-10	2023-08-12	3 Days
70.	STUDENT INDUCTION PROGRAMME on Reverse Engineering Applications	2023-08-10	2023-08-12	3 Days
71.	2-week Training Programme on Basic Electronics and PCB Designing	2023-08-28	2023-09-09	13 Days
72.	Skilling Programme on PCB Fabrication	2023-09-14	2023-09-16	3 Days
73.	Skilling Programme on Additive Manufacturing	2023-09-12	2023-09-14	3 Days
74.	Skilling Programme on Application of CAD in 3D Printing & 3D Scanning	2023-09-11	2023-09-15	5 Days
75.	Skilling Programme on Subtractive Manufacturing	2023-09-13	2023-09-15	3 Days
76.	Skilling Programme on Basic Electronics	2023-09-11	2023-09-13	3 Days
77.	Skilling Programme on PCB Fabrication	2023-09-19	2023-09-21	3 Days
78.	Skilling Programme on PCB Design and Fabrication	2023-09-14	2023-09-16	3 Days

Major Equipment Details at AICTE IDEA Lab, GCU

Sl. No.	Items	Quantity	Total Price
1	CO2 Laser Engraver & Cutting Machine	1	₹ 4,77,750.00
2	Vinyl Cutter Cutting Plotter Machine	1	₹ 1,49,100.00
3	3D Printer	1	₹ 2,57,250.00
4	3D Printer	1	₹ 9,29,247.90
5	3D Scanner	1	₹ 16,27,500.00
6	CNC Wood Router	1	₹ 6,90,375.00
7	Multi-Functional Sublimation Machine	1	₹ 47,930.11
8	Sublimation Printer	1	
9	PCB Prototype Machine	1	₹ 3,30,750.00
10	3D Scanner Processing Unit	1	₹ 1,73,427.98
11	Mini Desktop Lathe cum Milling	1	₹ 3,01,035.00
12	Wood Lathe	1	₹ 94,500.00

Glimpse of AICTE IDEA Lab





Annexure-D



सत्यमेव जयते

Department of Science and Technology (DST)

DST



A Report on

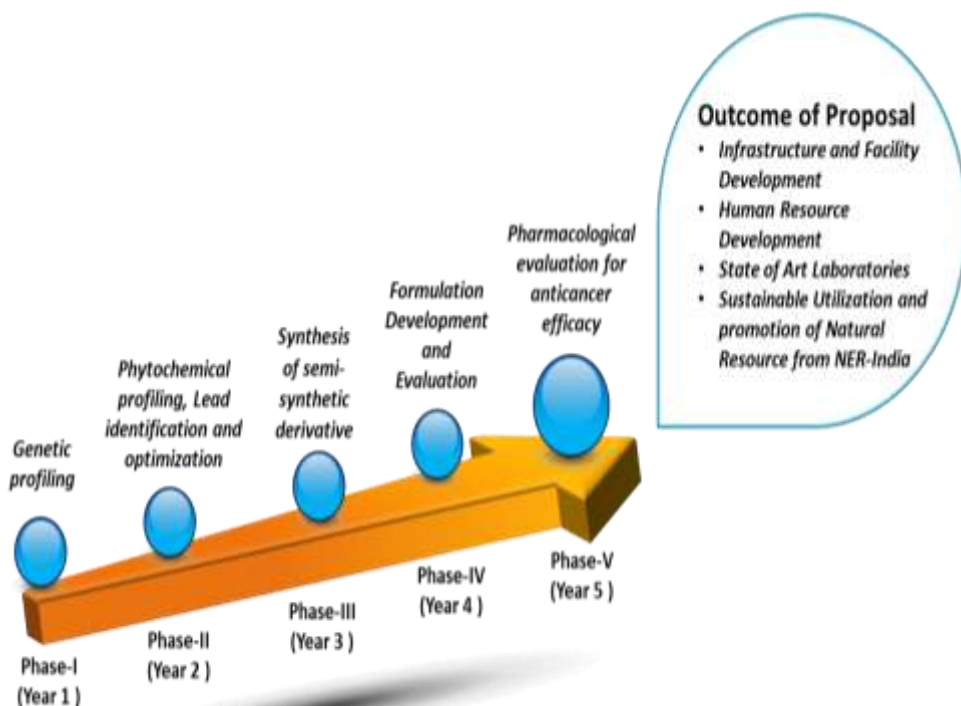
**DST-FIST Level 0 project
School of Pharmaceutical Science
Girijananda Chowdhury University, Guwahati
Grant No.SR/FST/COLLEGE-/2021//172
2022-2027**

Proposed Outcome as per the proposal:

- ❖ **Infrastructural and Facility Development**
- ❖ **Human Resource Development**
- ❖ **State of art Laboratories**
- ❖ **Sustainable utilization and promotion of Natural resources of NE India**

Initiative towards optimal utilization/ deliverables of the FIST facilities

- **Specific Objectives of the Proposal in relation of above strengths**
- **Expected Research Outcomes (experimental facilities to be created, research themes to be enabled by these facilities, publications with impact factor) from the implementation of the proposed proposal**



- **Definite Product/Process/Design/Software/System Development efforts that will be added by the proposal:** The proposed software and equipments shall assist in screening of potential medicinal plants, lead identification and product development with provision for further scale-up and manufacturing.

- **Potential applications:**
 - **Plans to strengthen Academia-Industry collaboration:** Institute is having active IIPC (Industry Institute partnership Cell) and MoUs with several Pharmaceutical Industries in the region and plans for such collaboration for successful bench to bed translation of research outcome.
 - **R&D activities providing solutions to problems faced by the country and society in Health:** A well equipped and complete lab facility shall assist and promote more scientific evidence-based exploration of the traditionally used medicinal plants of the Northeastern region (NER) of the country for betterment of health in the society particularly cancer.
 - **S&T activities pertaining to Scientific Social Responsibility:** These facilities will aid in human resource development by training the young scientist of the region and assist them in planning their research efforts by offering crucial research skills through scientifically developed programmes and contribute to their overall research output.

Progress with respect to the proposed outcomes: Infrastructural and Facility Development

- ❖ The allotted funds have been utilized for purchase of the approved Equipments. The HPTLC, HPLC, Gel Doc System, Discovery studio software and Automated Rotary Microtohm have been purchased.
- ❖ The equipments have been installed, calibrated and functioning.
- ❖ The instruments are functioning and are presently used by PG Scholars, PhD Scholars and Faculties.

Human Resource Development

- A total of Five Workshops on Hands on Skill Training have been organized for Scholars and faculties of the region for following Instruments
 - HPTLC
 - HPLC
 - Rotary Microtome
 - Discovery Software
 - Gel Doc system
- A total of 179 students (PG and PhD Scholars) from various Institutes of the region along with around 50 Faculties have attended in these Hands on Skill training Workshops
- Altogether 32 PG scholars, 11 PhD scholars and 7 Faculties have used the equipments installed in the DST FIST lab till date



Glimpse of workshops organized

State of art Laboratories

- ❖ A CADD Laboratory has been developed equipped with Discovery Biovia Software dedicated for Docking and In Silico studies. The Lab also has 8 PCs that are used by scholars for literature review.
- ❖ A well facilitated Modular Lab has been developed as DST-FIST lab for the purchased equipment with one section separated for histopathological works.



Inauguration of FIST lab by Hon'ble Vice Chancellor of Cotton University



CADD Lab



Present FIST Lab with modern analytical Instrumentation



Histopathology section

Sustainable utilization and promotion of Natural resources of NE India

The Project Implementation Group have conducted the Literature Search and have identified following three potential medicinal plants from the region for its future work:

- ❖ *Flemingia vestita* L
- ❖ *Dillenia Pentachyma* L
- ❖ *Acoras Calamus* L



Acoras Calamus L



Dillenia Pentachyma L



Flemingia vestita L

- The Plants of *Flemingia vestita*, *Dillenia pentachyma* and *Acorus calamus* have been assigned to M Pharm Scholars
- Some progress have been made on *Flemengia vestita* and its following works have been completed
 - Quality Control standardization of the Plant
 - Morphological Evaluation
 - Histological Evaluation
 - Microscopic Powdered Drug Evaluation
 - Physicochemical Evaluation
 - Fluorescence Analysis
 - Evaluation on anti microbial activity
 - Extraction, Isolation and identification of geneistein by Flash Chromatography, column Chromatography
- The *in silico* docking for Geneistein molecule (*Flemingia vestita* L.) have been completed with identified target proteins EGFR, CDK-1, PLK-1, ER- α and ER- β for skin, breast, lung, cervix and liver cancer.
- Based on the binding energies and docking, five potential derivatives have been selected for synthesis.
- The literature review, collection and identification of *Dillenia pentachyma* and *Acorus calamus* has been completed.

Status of Instruments purchased under DST-FIST:

SI No	Name of Instrument	Installation	Present Status	Workshop Conducted	Users
01	HPTLC System	Complete	Working	Yes	PG and PhD Scholars, Faculties
02	Automated Microtohm	Complete	Working	Yes	PhD Scholars, Faculties
03	Automated Quaternary HPLC	Complete	Working	Yes	PG and PhD Scholars, Faculties
04	Gel Doc System	Complete	Working	Yes	PG and PhD Scholars, Faculties
05	Discovery Software	Complete	Working	Yes	PG and PhD Scholars, Faculties

CENTRAL WORKSHOP

The Central Workshop is an important facility established to provide practical training to undergraduate students, offering hands-on experience in various sections of the workshop such as Welding, Fitting, Carpentry, Black Smithy, Machining and Turning. As part of their coursework, students are assigned job work that allows them to utilize these facilities and gain valuable practical knowledge. Moreover, students can utilize the facilities available in the workshop to fabricate their academic projects. In addition to supporting student projects, the Central Workshop also aids various faculty members in handling projects and assists research scholars in fabricating their set-ups. Overall, the Central Workshop plays a vital role in enhancing the practical skills and knowledge of students and researchers, and provides a platform for them to explore their creativity and innovative ideas.

SL. No.	Name	Designation	Trade	Technical Qualification
1	Mr. Rajib Bhowmik	Workshop Superintendent	-----	Master of Technology
2	Prabodh Barman	Instructor	Welder	I.T.I
3	Kandarpa Bezbaruah	Instructor	Turner	I.T.I
4	Mantu Kalita	Instructor	Fitter	I.T.I
5	Bhogeshwar Saikia	Instructor	Machinist	I.T.I
6	Hitesh Barman	Instructor	Welder	I.T.I
7	Ramen Talukdar	Instructor	Blacksmith	I.T.I
8	Tapan Kr. Tamuli	Instructor	Carpenter	I.T.I



Lathe Machine



Shaper



Welding



Milling Machine



Drill machine



Sawing machine



Furnace for Blacksmithy



Shearing Machine

List of Faculty members under various SchoolsSchool of Engineering and Technology:

- Professor: 2
- Associate Professor: 6
- Assistant Professor: 49
- Lab Instructor: 20

School of Management and Commerce:

- Professor: 1
- Associate Professor: 1
- Senior Assistant Professor: 2
- Assistant Professor: 4

School of Humanities and Social Science:

- Professor-1
- Assistant Professor: 13

School of Natural Sciences:

- Professor: 1
- Associate-1
- Assistant Professor: 13
- Lab Instructor: 2

School of Paramedical Science

- Professor-1
- Assistant Professor: 1

School of Pharmaceutical Science: Guwahati

- Professor: 5
- Associate Professor: 4
- Assistant Professor: 26
- Lecturer: 1
- Lab Instructor: 3
- Veterinary Officer: Nil

School of Pharmaceutical Science: Tezpur

- Professor: 1
- Associate Professor: 2
- Senior Assistant Professor:
- Assistant Professor: 15
- Lab Instructor: 2

Total number of faculties

Professor	12
Associate Professor	14
Senior Assistant Professor	2
Assistant Professor	121
Lab Instructor	27
Lecturer	1

Total Faculty: 177

Ministerial Staff/ Officers/Support Staff: 33

Grade IV Staff: 152

Total Staff: 362

LIST OF TEACHING STAFF

SCHOOL OF PHARMACEUTICAL SCIENCE, GCU, ASSAM (GIPS, Ghy)		
Sl. No	Name of Faculty	Designation
1	Prof. (Dr.) P. Malairajan	Principal
2	Prof. K. Jessi Kala Veni	Professor
3	Dr. Dipankar Saha	Registrar
4	Dr. Smriti Rekha Chanda Das	Associate Prof.
5	Dr. Bhanu P.Sahu	Professor
6	Dr. Trishna Das	Associate Prof.
7	Dr. Damiki Laloo	Professor
8	Dr. Junmoni Kalita	Associate Prof.
9	Dr. Tapash Chakraborty	Assistant Prof.
10	Ms. Asha Das	Assistant Prof.
11	Ms. Zartaj Washmin Banu	Assistant Prof.
12	Mr. Susankar Kushari	Assistant Prof.
13	Ms. Shatabdi Ghose	Assistant Prof.
14	Ms. Priyanka Choudhury	Assistant Prof.
15	Ms. Lima Patowary	Assistant Prof.
16	Dr. Rupa Sengupta	Assistant Prof.
17	Mr. Suman Kumar	Assistant Prof. (DST Fellow)
18	Mr. Chinmoy Bhuyan	Assistant Prof. (DST Fellow)
19	Mr. Ranadeep Borgohain	Assistant Prof.
20	Mr. Mrinmoy Deka	Assistant Prof.
21	Dr. Bhrigu Kumar Das	Assistant Prof.
22	Mr. R. James	Assistant Prof.
23	Mr. Trideep Saikia	Assistant Prof.
24	Dr. Anupam Sarma	Assistant Prof.
25	Mr. Alakesh Bharali	Assistant Prof.
26	Ms. Tutumoni Kalita	Assistant Prof.
27	Mr. Bhargab Deka	Assistant Prof.
28	Dr. Nikhil Biswas	Associate Prof.
29	Dr. Ashis Kr. Goswami	Assistant Prof.
30	Dr. Nur Ahammed Khan	Assistant Prof.
31	Ms. Salema Khatun	Assistant Prof.
32	Mr. Himangshu Sarma	Lecturer
33	Mr. Sanswarang Basumatary	Assistant Prof.
34	Dr. Nayana Adhikary	Assistant Prof.
35	Mr. Ian Stwert Suchiang	Assistant Prof.
36	Mr. Prayash Borah	Assistant Prof.
37	Mr. Dhimanjit Sarma	Assistant Prof.
38	Dr Vidhya Sirinivasan	Professor

SCHOOL OF PHARMACEUTICAL SCIENCE, GCU, ASSAM (GIPS, Tezpur)

S/No	Name	Designation
1	Dr. ABDUL BAQUEE AHMED	Principal
2	DR. HEMANGA HAZARIKA	Assistant Professor (Contractual)
3	MR. DAMANBHALANG RYNJAH	Assistant Professor (Contractual)
4	MS. ARZOO NEWAR	Assistant Professor (Contractual)
5	MR. RAJAT SUBHRA DUTTA	Assistant Professor (Regular)
6	MS. PUNAMJYÓTI DAS	Assistant Professor (Regular)
7	MR. SHEKHAR CH. BORA	Assistant Professor (Contractual)
8	MRS. NAMRATA KOUSHIK	Assistant Professor
9	MR. BEDANTA BHATTACHARJEE	Assistant Professor (Contractual)
10	MS. SHAHNAZ ALOM	Assistant Professor (Contractual)
11	DR. RAVI KUMAR RAJAN	Assistant Professor (Contractual)
12	MS. SANGHITA DAS	Assistant Professor (Contractual)
13	MR. UDDHAV PATANGIA	Assistant Professor (Contractual), Pharmaceutical Chemistry
14	MR. FARAK ALI	Assistant Professor (Contractual), Pharmaceutical Chemistry
15	MR. PADMANATH PEGU	Assistant Professor (Contractual), Pharmaceutical Chemistry
16	MS. RUBINA CHOWDHURY	Assistant Professor Pharmaceutical Chemistry
17	DR. SUPRIYA SAHU	Associate Professor Pharmaceutical Chemistry
18	DR. ASISH BHAUMIK	Associate Professor Pharmaceutical Chemistry

School of Engineering and Technology

Department of Civil Engineering

SL No	Name	Designation
2	Dr. S. Robert Ravi	Professor & HOD
3	Dr. Snehal Kaushik	Associate Professor
4	Mr. Uddipan Das	Assistant Professor
5	Dr. Kasturi Bhuyan	Assistant Professor
6	Ms. Anwesha Gayan	Assistant Professor
7	Ms. Binita Devi	Assistant Professor
8	Dr. Pallab Jyoti Das	Assistant Professor
9	Mr. Bhaskar Jyoti Medhi	Assistant Professor
10	Ms. Nitisha Mazumdar	Assistant Professor
11	Ms. Devilata Pegu	Assistant Professor
12	Ms. Monalisha Gautam	Assistant Professor

Department of Mechanical Engineering

SL No	Name	Designation
1	Dr. Debarshi Mallick	Associate Professor & HOD
2	Mr. Aunshuman Chatterjee*	Assistant Professor
3	Mr. Akashdeep Goswami	Assistant Professor
4	Dr. Sangeeta Das	Assistant Professor
5	Mr. Rajib Bhowmik	Assistant Professor
6	Mr. Bhabajit Baruah	Assistant Professor
7	Dr. Kankan Kishor Pathak	Assistant Professor
8	Mr. Swapnaneel Sarma	Assistant Professor
9	Mr. Himangshu Sekhar Brahma	Assistant Professor
12	Mr. Sanjib Hazarika	Assistant Professor
13	Ms. Oveepsa Chakraborty	Assistant Professor
14	Mr. Dheeman Bhuyan	Assistant Professor
15	Mr. Arunabh Choudhury*	Assistant Professor

Department of Electrical Engineering

SL No	Name	Designation
1	Dr. Sandip Bordoloi	Associate Professor & HOD
2	Mr. Prithvi Narayan Sinha	Assistant Professor
3	Ms. Suranjana Bharadwaj	Assistant Professor
4	Dr. Bipul Kr. Talukdar	Assistant Professor
5	Ms. Pallavi Roy	Assistant Professor

Department of Electronics and Communication Engineering

SL No	Name	Designation
1	Dr. Anindita Bora	Associate Professor & HOD
2	Mr. Abhinandan Kalita	Assistant Professor
3	Ms. Namrata Katak	Assistant Professor

4	Ms. Subhadra Das	Assistant Professor
5	Dr. Basab Das	Assistant Professor
6	Mr. Alokjijwal Das	Assistant Professor
7	Ms. Gargi Kar Purkayastha**	Assistant Professor

Department of Computer Science and Engineering

Sl. No	Name	Designation
1	Dr. Minakshi Gogoi	Professor & HOD
2	Dr. Th Shanta Kumar	Associate Professor
3	Ms. Shrabani Medhi	Assistant Professor
4	Ms. Manjula Kalita	Assistant Professor
5	Mr. Adarsh Pradhan	Assistant Professor
6	Ms. Ritushree Dutta	Assistant Professor
7	Ms. Mala Ahmed	Assistant Professor
8	Ms. Iina Sinha	Assistant Professor
9	Dr. Monisha Devi	Assistant Professor
10	Mr. Deepjyoti Deka	Assistant Professor
11	Ms. Gitanjali Devi	Assistant Professor
12	Ms. Dharitri Sarkar	Assistant Professor
13	Ms. Pinky Saikia Dutta*	Assistant Professor
14	Mr. Amarjyoti Pathak*	Assistant Professor
15	Mr. Arindam Saha*	Assistant Professor

Department of Computer Application

SL No	Name	Designation
1	Dr. M R Singha	Associate Professor & HOD
2	Mr. Pranjal Das	Assistant Professor
3	Mr. Arnab Kr. Das	Assistant Professor
4	Mr. Jeetumoni Barman	Assistant Professor
5	Mr. Rajarshi Paul	Assistant Professor
6	Mr. Arindom Ain	Assistant Professor

School of Management and Commerce

Department of Business Administration

SL No	Name	Designation
1	Dr. Nilanjana Deb	Associate Professor & HOD(I/c)
2	Dr. Junumoni Das	Sr. Asst. Prof. & Head HR and Personnel Division
3	Mr. Dhruva Jyoti Sharma	Assistant Professor
5	Md. Faruk Ahmed	Assistant Professor
6	Dr. Sharmila Saran	Sr. Assistant Prof

7	Dr. Abhinav Sarma	Assistant Professor
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Department of Commerce

SL No	Name	Designation
1	Prof. Hari Prasad Goenka	Sr. Professor
2	Ms. Kriti Phukan	Assistant Professor

School of Humanities and Social Sciences

Department of English & Foreign Languages

SL No	Name	Designation
1	Dr. Nilakshi Goswami	Assistant Professor & HoD (I/c)
2	Ms. Manashi Devi	Assistant Professor
3	Ms. Jupitara Boro	Assistant Professor
4	Ms. Priti Sarmah	Assistant Professor
5	Ms. Nozomi Tokuma	Assistant Professor (Foreign Languages)

Department of Economics

SL No	Name	Designation
1	Dr. Sampurna Bhuyan	Assistant Professor & HoD (I/c)
2	Dr. Dhriti Borah	Assistant Professor

Department of Sociology

SL No	Name	Designation
1	Ms. Kritanjali Jaiswal	Assistant Professor
2	Ms. Daisy Bhattacharjee	Assistant Professor

Department of Social Work

Sl. No	Name	Designation
1	Dr. Rachel Kabi	Assistant Professor & HoD

Department of Psychology

SL No	Name	Designation
1	Ms. Palakshi Sarmah	Assistant Professor

Department of Political Science

SL No	Name	Designation
1	Dr. Shantanu Chakravarty	Professor
2	Dr. Bhaswati Sarmah	Assistant Professor

Department of History

SL No	Name	Designation
1	Dr. Anisha Bordoloi	Assistant Professor

School of Natural Sciences

Department of Physics

SL No	Name	Designation
1	Dr. Lipi Goswami	Assistant Professor & HOD (I/c)
2	Dr. Ajanta Deka	Assistant Professor
3	Dr. Jyoti Prasad Deka	Assistant Professor

Department of Chemistry

SL No	Name	Designation
1	Dr. Swarnali Pathak	Assistant Professor & HOD (I/c)
2	Dr. Kajal Dutta	Assistant Professor
3	Dr. Bedanta Gogoi	Assistant Professor
4	Dr. Nirmala Devi	Associate Professor

Department of Mathematics

SL No	Name	Designation
1	Dr. Madhumita Mahanta	Assistant Professor & HoD (I/c)
2	Dr. Moytri Sarmah	Assistant Professor
3	Dr. Ankur Jyoti Kashyap	Assistant Professor
4	Dr. Sujan Sinha	Assistant Professor

Department of Botany

SL No	Name	Designation
1	Dr. Kamal Das	Assistant Professor
2	Ms. Jyotima Nath	Assistant Professor

Department of Zoology

SL No	Name	Designation
1	Dr. Sunayan Bardoloi	Sr. Professor
2	Dr. Salma Mazid	Assistant Professor

Annexure -G

The NEP 2020 advocates collaborations for research and teaching partnerships with higher education institutes and industry. Hence, GCU has signed Memoranda of Understanding (MOUs) with several industries, Higher education and Research institutions.

Sl. No.	Signed between	Date of signing and duration	National/International	Validity
1.	GCU and NIELIT, Paltanbazar, Guwahati	17th May 2023- 2 year	National	Till 2025
2.	GCU and Kharupetia College, Assam	23rd May 2023- 3 years	National	Till 2026
3.	GCU and Doom Dooma College, Tinsukia, Assam	29th May 2023- 3 years	National	Till 2026
4.	GCU and Bir Raghav Moran Government Model College, Rupai Siding, Assam	29th May 2023- 3 years	National	Till 2026
5.	GCU and Ledo College, Tinsukia, Assam	27th May 2023- 3 years	National	Till 2026
6.	GCU and Digboi Mahila Mahavidyalaya, Tinsukia, Assam	27th May 2023- 3 years	National	Till 2026
7.	GCU and North East Cancer Hospital and Research Institute, Jorabat, Assam 781023	4th July 2023- 3 years	National	Till 2026
8.	GCU and Guwahati Biotech Park, Amingaon, Guwahati, Assam	14th July 2023-3 years	National	Till 2026
9.	GCU and AAU-Assam Rice Research Institute, Titabar, Jorhat	28th July-3 years	National	Till 2026
10.	GCU and BSNL Zonal Telecom Training Centre	1 st September -3 years	National	Till 2026
11.	GCU and Russian State University for the Humanities, (Moscow, Russia)	11 th September- 5 years	International	Till 2028

International Collaboration.

As part of internationalization of higher education, GCU is collaborating with international institute/s of repute, organized lectures, seminars etc., where experts from international universities have visited the GCU campus and addressed the students and faculty. GCU also has a distinguished panel of eminent academicians as members of the Advisory Board.

Following are Members of the Advisory Board:

- Prof. Maitrayee Chaudhuri
Former Professor, Centre for the Study of Social Systems / School of Social Sciences
Jawaharlal Nehru University
- Dr. Deiter Reinhardt
Senior Researcher, South Asia Institute (SAI), Heidelberg University
- Professor Sudipta Sarangi
Professor of Economics at Virginia Tech. University, USA & Program Director for
Economics at the National Science Foundation, USA
- Professor Samir Bhattacharya
INSA Senior Scientist at Visva-Bharat
- Prof. Ranjan Chakrabarti
Eminent Historian and Former Vice-Chancellor of Vidyasagar University, West Bengal
- Professor Prabuddha Ganguli
Renowned IPR Expert and Advisor VISION IPR, Mumbai
- Dr. Antu Dey
Senior Vice President of Vaccines R&D at Green Light Biosciences Inc.
- Dr. Paramananda Saikia
Senior Scientist, Millipore Sigma, Boston, MA-01803,
USA
- Professor Santanu Borah
Professor Of Management, University Of North Alabama,
USA
- Dr. Mustafa A. Barbhuiya
Medical Director Of Clinical Chemistry And Point Of Care Testing At The Department
Of Pathology, Baystate Medical Center, Springfield, MA, USA

Additionally, distinguished academicians, Dr. Alexander Stolyarov, Director of International Centre for South Asian Studies, Russian State University for Humanities, Moscow, Russia; Professor Anja-Désirée Senz, Vice-Rector for Student Affairs and Teaching, Institute of Chinese Studies, Heidelberg University, Germany; Dr. Deiter Reinhardt, Senior Researcher, South Asia Institute (SAI), Heidelberg University, Germany; and Dr. Maitrayee Deka, Senior Lecturer, University of Essex, UK, have delivered talks at GCU.

Girijananda Chowdhury University, Assam
List of PhD Supervisors- 2023

Sl. No.	Name	Designation	Discipline
1	Dr. Nilanjana Deb	Associate Professor	Business Administration
2	Dr. Sampurna Bhuyan	Assistant Professor	Business Administration
3	Dr. Sharmila Sharan	Sr. Assistant Professor	Business Administration
4	Dr. Kajal Dutta	Assistant Professor	Chemistry
5	Dr. Swarnali Pathak	Assistant Professor	Chemistry
6	Dr Bedanta Gogoi	Assistant Professor	Chemistry
7	Dr Nirmala Devi	Associate Professor	Chemistry
8	Dr. S. Robert Ravi	Professor	Civil Engineering
9	Dr. Snehal Kaushik	Associate Professor	Civil Engineering
10	Dr Hari Prasad Goenka	Senior Professor & Head	Commerce
11	Dr. Arnab Kumar Das	Assistant Professor	Computer Application
12	Dr. Mukta Ranjan Singha	Associate Professor	Computer Science and Applications
13	Dr. Thokchom Shanta Kumar	Associate Professor	Computer Science and Engineering
14	Dr. Minakshi Gogoi	Professor	Computer Science and Engineering
15	Dr. Sampurna Bhuyan	Assistant Professor & Head(i/c)	Economics
16	Dr. Sandip Bordoloi	Associate Professor	Electrical Engineering

17	Dr. Bipul Kumar Talukdar	Assistant Professor	Electrical Engineering
18	Dr. Anindita Bora	Associate Professor	Electronics and Communication Engineering
19	Dr. Nilakshi Goswami	Assistant Professor & Head(i/c)	English
20	Dr. Madhumita Mahanta	Assistant Professor	Mathematics
21	Dr. Ankur Jyoti Kashyap	Assistant Professor	Mathematics
22	Dr. Sujan Sinha	Assistant Professor	Mathematics
23	Dr. Moytri Sarmah	Assistant Professor	Mathematics
24	Dr. Kankan Kishor Pathak	Assistant Professor	Mechanical Engineering
25	Dr. Debarshi Mallick	Associate Professor	Mechanical Engineering
26	Dr. Sangeeta Das	Assistant Professor	Mechanical Engineering
27	Dr. Oveepsa Chakraborty	Assistant Professor	Mechanical Engineering
28	Dr. Suman Hazarika	Professor	Multidisciplinary Studies and Research
29	Dr. Smriti Rekha Chanda Das	Associate Professor	Pharmaceutical Chemistry
30	Dr. Jun Moni Kalita	Associate Professor	Pharmaceutical Chemistry
31	Dr. Supriya Sahu(Tezpur)	Associate Professor	Pharmaceutical Chemistry
32	Dr Ashish Bhowmik	Associate Professor	Pharmaceutical Chemistry
33	Dr. Abdul Baquee Ahmed (Tezpur)	Professor	Pharmaceutics
34	Dr. Bhanu Pratap Sahu	Professor	Pharmaceutics
35	Dr. Tapash Chakraborty	Assistant Professor	Pharmaceutics
36	Dr. Nikhil Biswas	Associate Professor	Pharmaceutics

37	Dr. Anupam Sarma	Assistant Professor	Pharmaceutics
38	Dr. Damiki Laloo	Professor	Pharmacognosy
39	Dr. Trishna Das	Associate Professor	Pharmacognosy
40	Dr.Dipankar Saha	Professor	Pharmacology
41	Dr. Ajanta Deka	Assistant Professor	Physics
42	Dr. Lipi Goswami	Assistant Professor	Physics
43	Prof Shantanu Chakraborty	Senior Professor & Head	Political Science
44	Dr. Rachel Kabi	Assistant Professor & Head	Sociology and Social Work
45	Dr. Sunanyan Bordoloi	Senior Professor & Head	Zoology

Annexure-I

Girijananda Chowdhury University
List of PhD Scholars 2023-24 (first phase)

Sl. No.	Name	Father's Name	Discipline	School	Enrollment No
1	V. Ramanathan	Vr. Veerappan	Civil Engineering	Engineering and Technology	2221007001
2	Mayuri Sarmah Mazinde	Birendra Nath Sarmah Mazinder	Computer Science and Engineering	Engineering and Technology	2221018001
3	Subhadra Das	Subir Kumar Das	Computer Science and Engineering	Engineering and Technology	2221018002
4	Dwipen Das	Late Ananta Das	Computer Science and Engineering	Engineering and Technology	2221018003
5	Simangshu Sekhar Brahm	Prashanta Kumar Brahma	Mechanical Engineering	Engineering and Technology	2221005001
6	Swapnaneel Sarma	Dr. Gajen Chandra Sarma	Mechanical Engineering	Engineering and Technology	2221005002
7	Sanjib Hazarika	Dhirendra Nath Hazarika	Electrical Engineering	Engineering and Technology	2221008001

8	Anurag Buragohain	Alak Kr Buragohain	Management	Mangement and Commerce	2221009001
9	Rabbul Sharif	Abdul Bareque	Management	Mangement and Commerce	2221009002
10	Sukanya Barthakur	Makhan Barthakur	Management	Mangement and Commerce	2221009003
11	Ankita Sarma	Amal Chandra Sarma	Management	Mangement and Commerce	2221009004
12	Anushmita Baruah	Hiranya Kr. Baruah	Management	Mangement and Commerce	2221009005
13	Bedanta Bhattacharjee	Binoy Bhusan Bhattacharjee	Pharmacy	Pharmaceutical Sciences	2221021001
14	Damanbhalang Rynjah	Teiborlin Majaw	Pharmacy	Pharmaceutical Sciences	2221021002
15	Arzoo Newar	Meghraj Newar	Pharmacy	Pharmaceutical Sciences	2221021003

16	Shekhar Chandra Bora	Munindra Nath Bora	Pharmacy	Pharmaceutical Sciences	2221021004
17	Nur Ahammed Khan	Abdul Sabur Khan	Pharmacy	Pharmaceutical Sciences	2221021005
18	Sankar Narayan Bhunia	Late Manoranjan Bhunia	Pharmacy	Pharmaceutical Sciences	2221021006
19	Junmoni Nath	Mahendra Chandra Nath	Pharmacy	Pharmaceutical Sciences	2221021007
20	Manash Gogoi	Chitra Gogoi	Pharmacy	Pharmaceutical Sciences	2221021008
21	Anamika Sahu Gulbake	Prabhu Dayal Sahu	Pharmacy	Pharmaceutical Sciences	2221021009
22	Mrinmoy Deka	Kalpa Nath Deka	Pharmacy	Pharmaceutical Sciences	2221021010
23	Sanswring Basumatary	Sukaru Basumatary	Pharmacy	Pharmaceutical Sciences	2221021011

24	Shatabdi Ghose	Ratan Lal Ghose	Pharmacy	Pharmaceutical Sciences	2221021012
25	Himangshu Pratim Nath	Arun Kumar Nath	Pharmacy	Pharmaceutical Sciences	2221021013
26	Bhargab Deka	Manoj Kumar Deka	Pharmacy	Pharmaceutical Sciences	2221021014
27	Krishnanu Dutta	Jatin Sankar Dutta	Pharmacy	Pharmaceutical Sciences	2221021015
28	Ranadeep Borgohain	Dulal Borgohain	Pharmacy	Pharmaceutical Sciences	2221021016
29	Afsana Begum	Anowar Hussain	Pharmacy	Pharmaceutical Sciences	2221021017
30	Madhusmita Kumari	Brajen Kumar	Pharmacy	Pharmaceutical Sciences	2221021018
31	Padmanath Pegu	Narayan Pegu	Pharmacy	Pharmaceutical Sciences	2221021019

32	Priyanka Choudhury	Mukul Kumar Choudhury	Pharmacy	Pharmaceutical Sciences	2221021020
33	Abdul Kayum Al Aman	Amiruddin Ahmed	Pharmacy	Pharmaceutical Sciences	2221021021
34	Deepjyoti Goswami	Nakul Deb Goswami	Pharmacy	Pharmaceutical Sciences	2221021022

List of Publication for the academic session 2022-2023

School of Pharmaceutical Sciences, GCU, Assam.

Research/Review publications

1. Siddiqui SA, Wu YS, **Saikia T**, Ucak İ, Afreen M, Shah MA, Ayivi RD. Production and growth of microalgae in urine and wastewater: A review. *Environmental Chemistry Letters*. 2023; 1-35. <http://dx.doi.org/10.1007/s10311-023-01622-1> (**Impact Factor 15.7, Springer Nature**).
2. **Sengupta R**. Quantitative simultaneous RP-HPLC estimation of gallic acid, quercetin and glycyrrhizin in the methanolic extracts of *Abrus precatorius* and *Cordia wallichii* leaves. *International Journal of Pharmaceutical Sciences and Research*. 2023, 14 (10). (**IJPSR**).
3. Sarmah D, **Sengupta R**. A review on the curative and protective effect of traditional Kalongi seed against antiepileptic drugs causing toxicity on the Liver and Kidney, *IJMPR* 2023, 7(7), 110-124.
4. Sarma MK, **Saha D, Das BK, Das T**, Azizov S, Kumar D. A delve into the pharmacological targets and biological mechanisms of *Paederia foetida* Linn. a rather invaluable traditional medicinal plant. *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2023. <https://doi.org/10.1007/s00210-023-02496-4> (**Impact factor 3.2; Springer Nature**)
5. Prasad RS, Yenorkar NY, Dhaswadikar SR, Sinha SK, Rai N, Sharma P, Kulkarni O, Kumar N, Dhobi M, **Laloo D**, Gurav SS, Itankar PR, Prasad SK. A systematic antidiarrhoeal evaluation of a vegetable root *Begonia roxburghii* and its marker flavonoids against nonpathogenic and pathogenic diarrhea. *Food Bioscience*. 2023; 53: 102672. <https://doi.org/10.1016/j.fbio.2023.102672> (**Impact factor 5.2, Elsevier**)
6. Osman AI, Hosny M, Eltaweil AS, Omar S, Elgarahy AM, Farghali M, Yap PS, Wu YS, Nagandran S, Batumalaie K, Gopinath SCB, John OD, Sekar M, **Saikia T**, Karunanithi P, Hatta MHM, Akinyede KA. Microplastic sources, formation, toxicity and remediation: a review. *Environmental chemistry letters*. 2023; 1–41. <https://doi.org/10.1007/s10311-023-01593-3> (**Impact Factor 15.7, Springer Nature**)
7. **Kushari S**, Hazarika I, **Laloo D***, **Kumar S**, **Kalita JM**, **Sarma H****. An integrated computational approach towards the screening of active plant metabolites as potential inhibitors of SARS-CoV-2: an overview. *Structural Chemistry*. 2023; 34: 1073-1104. <https://doi.org/10.1007/s11224-022-02066-z> (**Impact factor 1.7, Springer publication**)
8. **Kumar S**, **Bharali A**, **Sarma H**, **Kushari S**, Gam S, Hazarika I, Prasad SK, **Laloo D***. Traditional complementary and alternative medicine (TCAM) for diabetic foot ulcer management: A systematic review. *Journal of Ayurveda and Integrative Medicine*. 2023; 14(4): 100745. <https://doi.org/10.1016/j.jaim.2023.100745> (**Impact factor: 2.4, Elsevier publication**).

9. Kalita A, Bharadwaz A, Kaushik D, **Kumar S***, **Sarma H****, **Kushari S**, **Bharali A**, **Deka B**, Hazarika I, **Laloo D**. *Tamilnadia uliginosa* (Retz) Tirveng and Sastre: Potential Application from Traditional Remedies to Modern Therapeutics. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. 2023; 93(1): 1-15. <https://doi.org/10.1007/s40011-022-01386-8> (**Impact Factor 0.9, Springer Nature India publication**)
10. Joshi K, Das M, **Sarma A**, Arora MK, SInghal M, Bhavna. Insight on cardiac chronobiology and latest developments of chronotherapeutic antihypertensive interventions for better clinical outcomes. Current Hypertension Reviews. 2023;19. <https://dx.doi.org/10.2174/1573402119666230109142156>
11. Gogoi N, **Goswami AK**, Chetia D. Quantitative assessment of an antimalarial flavonoid in the *Citrus maxima* (Burm.) Merr. hydroalcoholic root extract using HPTLC densitometric analysis, Chem. Afr., 2023, <https://doi.org/10.1007/s42250-023-00714-3>. (**Impact factor 2.6; Springer Nature**).
12. **Bharali A**, **Sarma H**, **Biswas N**, **Kalita JM**, Das B, **Sahu BP***, Prasad SK, **Laloo D****. Green synthesis of silver nanoparticles using hydroalcoholic root extract of *Potentilla fulgens* and evaluation of its cutaneous wound healing potential. Materials Today Communications. 2023; 35: 106050. <https://doi.org/10.1016/j.mtcomm.2023.106050> (**Elsevier publication, Impact factor: 3.8**)
13. **Banu ZW**, Dasgupta D, Hazarika I, **Laloo D**, **Kalita JM***. Trapa natans L.: A Journey from Traditional to Contemporary Therapies -A Review. The Natural Products Journal. 2023;13(8). <https://doi.org/10.2174/2210315513666230330182909>
14. Ali F, Ahmed M, **Kushari S**, **Banu ZW**, **Laloo D**, **Kalita JM***, Short Synthetic Peptides as Cox-2 Inhibitor with Antiproliferative Activity: A Probable Future Class of Drugs, Current Bioactive Compounds 2023; 19: [e210623218143. https://doi.org/10.2174/1573407219666230621163500](https://doi.org/10.2174/1573407219666230621163500) (**Bentham Science Publisher**).
15. **Sarma A***. Biological importance and pharmaceutical significance of keratin: A review. International Journal of Biological Macromolecules. 2022, 219: 395-413. <https://doi.org/10.1016/j.ijbiomac.2022.08.002> (**Impact Factor 8.2, Elsevier**)
16. **Sahu BP***, Baishya R, Hatiboruah JL, **Laloo D**, **Biswas N**. A comprehensive review on different approaches for tumor targeting using nanocarriers and recent developments with special focus on multifunctional approaches. Journal of Pharmaceutical Investigation. 2022; 52(5): 539-585. <https://doi.org/10.1007/s40005-022-00583-x> (**Springer Nature Singapore, Impact Factor: 5.5**)
17. Prasad RS, Dhaswadikar SR, **Laloo D**, Dhobi M, Itankar PR, Prasad SK. Quality control profiling, nutritional analysis and phytochemical standardization of a vegetable root *Begonia roxburghii*. Vegetos. 2022. <https://doi.org/10.1007/s42535-022-00446-8> (**Impact Factor 0.9, Springer Nature Singapore**).
18. **Das SRC**, Ahmed S, **Borghain R**, Debnath JK, Panda SK, Saxena PK. Therapeutic Potential, medicinal importance of traditional Indian Herb *Embelica Officinalis*, Neuroquantology, 2022; 10(10):984-994.

19. **Das BK**. Altered gut microbiota in hepatocellular carcinoma: Insights into the pathogenic mechanism and preclinical to clinical findings. *APMIS*. 2022; 130 (12): 719-740. <https://doi.org/10.1111/apm.13282> (**Impact factor 2.8; Wiley Online Library**).
20. Chavda VP, Bezbaruah R, Deka K, Nongrang L, **Kalita T**. The Delta and Omicron Variants of SARS-CoV-2: What We Know So Far. *Vaccines (Basel)*. 2022 Nov 14;10(11):1926. <https://doi.org/10.3390/vaccines10111926> (**Impact Factor 7.8, MDPI**)
21. Chavda V, Bezbaruah R, **Kalita T, Sarma A**, Devi JR, Bania R. Apostolopoulos V: Variant influenza: connecting the missing dots. *Expert Review of Anti-infective Therapy*. 2022, 20(12):1567–1585. <https://doi.org/10.1080/14787210.2022.2144231> (**Impact Factor 5.7, Taylor & Francis Group**)
22. Bezbaruah R, Chavda VP, Nongrang L, Alom S, Deka K, **Kalita T**, Ali F, Bhattacharjee B, Vora L. Nanoparticle-Based Delivery Systems for Vaccines. *Vaccines (Basel)*. 2022 Nov 17;10(11):1946. <https://doi.org/10.3390/vaccines10111946> (**Impact factor 7.8, MDPI**)
23. Pk N, **Rajan RK**, Nanchappan V, Karuppaiah A, Chandrasekaran J, Jayaraman S, Gunasekaran V. C-Glucosyl Xanthone derivative Mangiferin downregulates the JNK3 mediated caspase activation in Almal induced neurotoxicity in differentiated SHSY-5Y neuroblastoma cells. *Toxicology Mechanism and Methods*. 2023:1-12. <https://doi.org/10.1080/15376516.2023.2237106> (**Impact Factor 3.2; Taylor & Francis Online**)
24. **Rajan RK**, Kumar RP, Ramanathan M. Piceatannol improved cerebral blood flow and attenuated JNK3 and mitochondrial apoptotic pathway in a global ischemic model to produce neuroprotection. *Naunyn Schmiedeberg's Archives of Pharmacology*. 2023; 20:1-8. <https://doi.org/10.1007/s00210-023-02616-0> (**Impact Factor 3.2; Springer Nature**).
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CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES OCTOBER, 2022 – JULY, 2023

DATE	CLUBS/ DEPARTMENTS/EVENT	ACTIVITIES	HIGHLIGHTS
28 OCTOBER	GIMT+GIPS	FRESHMEN SOCIAL	Cultural Club of GIMT initiated a cultural function after the formal meeting
01 NOVEMBER	SPORTS CLUB	Nemcare Group Premier League 2022	15 students represented GCU.
03 NOVEMBER	QUIZ & DEBATE CLUB	Quiz on Vigilance Awareness Week was organized in collaboration with UCO Bank Guwahati	Ms. Manashi Devi conducted the Quiz. 1st Prize- Ms. Jimoni Borah Ms. Ankita Sarmah 2nd Prize- Ms. Sarbani Mandal Ms. Jayshree Barman 3rd Prize- Ms. Dimi Gohain Ms. Darshana Baruah The students were given the prizes by UCO bank officials on 11 May 2023 at GCU Guwahati campus
05 NOVEMBER	CULTURAL CLUB	Bhupendra Sangeet Competition	11 students participated in the competition. 1st Prize- Richita Choudhury, CE 3rd Semester 2nd Prize- Nilamjit Kaur, CE 7th Semester 3rd Prize- Sashanka Das, EE 1st Semester
11 NOVEMBER	LITERATURE CLUB	National Education Day	Sahitya Academy Award Winner Prof. Arupa Patangia Kalita graced the occasion. Teachers and students participated in speech and poem recitation.
16-18 NOVEMBER	SITM Tech Fest- UDBHABAN 2022	Movie making Competition, Photography Competition. Bridge making Competition	12 students of B. Tech. 1st Semester participated. Two Teams got 1 Prize in Movie making Competition and Photography Competition. One Team received special appreciation on Movie making.
26 NOVEMBER	ASSAM DOWN TOWN UNIVERSITY	ECCLESIA 1.0-A Techno-Medico Concurrence (Robo Soccer)	A team of three students of B.tech 1st Semester participated and came in 4th position



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28 NOVEMBER	ASIAN INSTITUTE OF NURSING EDUCATION, GUWAHATI	Inter College Debate Competition on "Social Media has a growing influence on people's social life"	A team of two students of B.tech 1st Semester participated
03 January 2023	GCU	Interactive session with Dr. H.B. Singh, Former Director, DST, GOI	An interactive session with Dr. H.B. Singh, Former Director, DST, GOI was conducted on 3 rd January 2023. Dr. Singh delivered a presentation titled: Enabling Prospective Scientists to "Break the Break". During the presentation, Dr. Singh discussed the need to write projects to funding agencies, how to write projects, and what are the criteria due to which project proposals gets rejected. He discussed several other key points with the faculty members of GCU.
17 January	Department of Humanities of GCU	Russian Scholar Professor Alexander Stolyarov Visits Girijananda Chowdhury University	Dr. Alexander Stolyarov shared his insights to the gathering. Dr. Stolyarov is director of International centre for South Asian studies, Russian State University for Humanities, Moscow, Russia. It was an interactive session for both faculties and students. The session started with felicitation of Guest of Honour. Hon'ble Vice Chancellor, Prof. Kandarpa Das has addressed the gathering
5-8 Jan 2023	United Club of the Assam Engineering College (AEC)	Futsal Tournament	Total of 14 different participating teams from different universities, college's and football clubs
9 January 2023	Mr. Adarsh Pradhan, Dept. of CSE and by Dr. Sandip Bordoloi, HoD Dept of EE & Dean (Student Affairs)	A Talk on "Cyber Stalking"	Various events like Quiz/Debates / Extempore Speeches / Group Discussions etc held every month on different topics related to Cyber Security. Sixty-two (62) students from Girijananda Chowdhury Institute of Management and Technology, Guwahati, and



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			Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati were present for this event. After the talk, there was a small interactive session with the students, where the students also expressed their views on Cyber Stalking and the importance of Cyber Security as a whole.
9 th January 2023	IIC cell	INDUSTRY CONNECT	An academia-industry interaction “INDUSTRY CONNECT” was organised by Girijananda Chowdhury University, in association with NIELIT- Guwahati on 9th January 2023. Dr. Mani Madhukar, Program Manager, Global University Programs, IBM India Pvt. Ltd. and Adjunct Professor at Indira Gandhi Technical University for Women and Gurukul Kangri Vishwavidyalaya, Haridwar was the esteemed speaker for the event. A total of 152 students attended the session on continuous learning and interacted with Dr. Madhukar who shared courses IBM offers on Industry oriented themes like Cloud, AI, Blockchain, etc. The students benefitted immensely from the interactive session. The session ended with a vote of thanks from the chair.
20-21 January	Humanities	Japan Caravan	The students of Girijananda Chowdhury University are volunteering at the Northeast Japan Caravan at ITA Pragjyoti, Machkhowa. Organised by Japan Foundation, New Delhi on 20 and 21 January, the event offers exciting experiences in the form of Calligraphy workshop, Yukata Experience, Fukuwarai, Voice Actor Challenge, Japanese Film screening. The participants have also got the opportunity to interact with the Japanese delegates about their culture, tradition



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			and social life.
3-4 February 2023	IQAC,GCU	Workshop on the 'Recent Trends in Pedagogy'	<p>The IQAC of Girijananda Chowdhury University (GCU), Assam organised a workshop on the 'Recent Trends in Pedagogy' on 3 and 4 February for the faculty members of the university.</p> <p>The 2 day workshop is an interactive session with 4 eminent academicians in attendance.</p> <p>Prof. Alak Kumar Buragohain, Chancellor GCU and Prof. Kandarpa Das, Vice Chancellor GCU graced the inaugural function on 3rd February, of which Prof. Dharendra Nath Buragohain, founder Director of IIT Guwahati was the speaker.</p> <p>Prof. Namita Ranganathan, former Dean, Department of Education, Delhi University was the speaker of the second session.</p> <p>The first day of the pedagogical workshop concluded with an interactive session between the resource persons and the faculty members.</p>
14 February 2023	CE dept and IIC	Session on PRODUCTIVITY, GREEN GROWTH AND SUSTAINABILITY	<p>The Department of Civil Engineering of Girijananda Chowdhury University in collaboration with Institutes Innovation Council (IIC) organized a session on 14th February 2023 with Regional Director, NPC Guwahati Dr. Rajat Sharma and Dy. Director, NPC Guwahati Mr. Manoj Kumar Verma. Dr. Rajat Sharma talked about various aspects of sustainability and G20 Presidency.</p> <p>Mr. Manoj Kumar Verma has explained the broad area of productivity and the various parameters that affect productivity.</p>
17 February	the office of the Dean	Painting Competition on	Painting competition on the theme "Vasudhaiva"



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2023	Student Affairs, Girijananda Chowdhury University	the event of India's Presidency in the G20 summit 2023	Kutumbakam" or One Earth One Family One Future closely ties with LiFE (Life style for Environment) and Influence of Social Media. Twenty (20) students from Girijananda Chowdhury Institute of Management and Technology, Guwahati, and Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati participated in the event.
23 February 2023	CE Dept	Field visit to the Bamboo Technology Park in Chhaygaon, Assam	The Department of Civil Engineering organized a field visit to the Bamboo Technology Park in Chhaygaon, Assam for 6th semester Civil Engineering students on 23 February 2023. The Bamboo Technology Park Ltd. is a company promoted by the Assam Industrial Development Corporation Ltd. (AIDC), and during the trip, students had the opportunity to visit several facilities and learn about the various uses of bamboo. These included the Bamboo Stick Making Facility, Bamboo Plastic Composite (BPC) Making Facility, Strand Woven Bamboo Block Making Unit, Vacuum Pressure Treatment Plant Facility, Resin/Glue Plant, Bamboo Charcoal Plant, and the Administrative cum Marketing Centre. Overall, the visit was an excellent opportunity for students to gain practical knowledge and see first-hand how bamboo can be utilized to make a range of useful products.
25 February 2023	Sports committee, GCU	Marathon	The Marathon, which marks the beginning of the sports week was kicked off on 25 February 2023. The students and faculty members of GCU Azara campus participated in this event. There were also participants outside of GCU.
28 February	GCU	National Science Day	National Science Day was observed at Girijananda



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2023			Chowdhury University (GCU) on February 28, 2023. Prof. Utpal Bora of IIT, Guwahati, delivered the main lecture on this year's theme, "Global Science for Global Wellbeing". Two young bio-entrepreneurs, Dr. Amrita Kashyap Chaliha of Chroma Biotech; and Ms. Chinmoyee Rajkumari of NutriXeric LLP- HYFood interacted with the students.
28 February 2023	Dean SA, NSS and Divit Foundation	Tree Plantation drive	A tree plantation drive was conducted on 28th February 2023 by the NSS unit of GIMT and Girijananda Chowdhury University in collaboration with Divit foundation at Girijananda Chowdhury University on 28 February 2023 on the occasion of National Science Day. The NSS volunteers and students of GIPS planted many samplings in the vicinity of the playground that were provided by Divit Foundation. Post-Session, the students attended a small session on the importance of trees and tree plantation by Prof. Thuleswar Nath, Registrar, GCU and Mr. Ravi Ranjan Srivastav of Divit Foundation. The students also pledged to take care of the plants. The plantation drive was initiated by Dr. Sandip Bordoloi, Dean (Student Affairs) and Dr. Basab Das, Coordinator, NSS (GIMT) and Mr. Ravi of Divit Foundation.
1-6 March 2023	Sports committee, GCU	University Sports week	The GCU sports week was held from 1-10 March 2023. Different sport events like Badminton, Power lifting, ricket, Football, volleyball, basketball, athletics, kabaddi, tug of war as well as indoor games like chess, carrom, table tennis were held amongst the students of GCU.
1-8 March 2023	GCU	Gender Sensitisation Week	An educative and resourceful workshop on "Understanding Gender Concepts" was held in Girijananda Chowdhury University as a part of the university's organization of



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			<p>Gender Sensitisation Week from March 1 to March 8, 2023. Dr. Polly Vauqueline, Professor of the Department of Women's Studies, Gauhati University, graced the workshop as the resource person. In the course of the workshop, Prof. Vauqueline specifically highlighted on the difference between biological sex and gender identity, and how gender identity is affected by regressive social ideologies. She, further, emphasized on unmasking the patriarchal mores that operate unnoticeably in daily life. She also threw light on the issue of lopsided gender ratio in academic institutions. The workshop concluded with an interactive session between the resource person and the attendees of the workshop, which consisted of faculty members and students of the university.</p>
2 March 2023	GCU	Visit to the Guwahati Branch Office and Laboratory of Bureau of Indian Standards(BIS) at the Housfed Building Complex	A group of 15 students of GCU visited the Guwahati Branch Office and Laboratory of Bureau of Indian Standards(BIS) at the Housfed Building Complex on 2/03/2023. The students attended an interactive session about standardization of various products. They also visited the Mechanical and Chemical testing labs with hands on practical demonstration of testing of various products.
5 th March 2023	Dean SA office, Cycle-Polo Association of Assam, in collaboration with Divit Foundation	Cycle polo training camp	Cycle-Polo Association of Assam, in collaboration with Divit Foundation & Girijananda Chowdhury University Assam, Azara organized a Training Camp-cum-Selection trail at Girijananda Chowdhury University Assam, Azara Campus on Sunday (05/03/2023) from 8.00 AM to 11.00 AM. This Camp was all about creating awareness about the Cycle-Polo, future roadmap & its role in Student's career. A



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			<p>technical session was conducted by a coach affiliated with the Association. Technical session was followed by a Practical Demo session & a friendly match among the Participants.</p>
9 th March 2023	IIC, GCU	Contemporary trends in the global pharmaceutical industry.	<p>An Industry-Academia Interactive Session was organized today at Girijananda Chowdhury University (GCU), under the aegis of Institution's Innovation Council (IIC) of Girijananda Chowdhury Institute of Management and Technology (GIMT), where Mr. Rahul Saikia - Head of Mergers and Acquisitions, Strategic Alliances in Rising Pharmaceuticals, Casper Pharma, Grace Therapeutics and Cronus Pharma (Hyderabad, India and New Jersey, USA)-made a presentation on the contemporary trends in the global pharmaceutical industry.</p> <p>Mr. Saikia highlighted upon the great challenge and necessity for bringing in innovation in drug discovery in the academia.</p> <p>He also emphasized the pharma students to be made familiar with the emerging concepts of "biologics" and "biosimilars".</p> <p>Responding to a question of the faculties, Mr. Saikia stated that pharma industry needs graduates who are professionally trained in pharmaceutical sciences with a multidisciplinary approach, involving not only the basics of pharmaceutical science, but also of management, law and engineering (manufacturing).</p> <p>Prof. Alak Kumar Buragohain, the Chancellor of GCU, while expressing his gratitude to Mr. Saikia, called upon for long term engagement in Industry-Academia relationship</p>



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14 March 2023	GCU	All Assam Prize Money Science Quiz Competition	<p>building through people like Mr. Saikia from the industry.</p> <p>An All Assam Prize Money Science Quiz Competition was organized today at Girijananda Chowdhury University, Azara.</p> <p>The event was held in consonance with the global celebration of PI Day on 14th of March. 25 teams of quizzers from various colleges and universities of Assam took part in the competition.</p> <p>Dr. Jyotishmaan Gogoi, Assistant Professor of the Department of Mathematics, S.B. Deorah College, Ulubari, took charge as the Quizmaster of the event.</p> <p>Prizes were given to the teams who attained the first, second and third position.</p> <p>The winning teams received gift hampers from Purple Orchid Unisex Parlor.</p> <p>The team of Arindam Kashyap Ray and Devraj Kashyap from Assam Engineering College bagged the first prize. In the inaugural session, perspicacious lectures were delivered by Mr. Jashodaranjan Das, President of Shrimanta Shankar Academy Society; Professor Thuleswar Nath, Registrar of GCU; and Professor Dilip Sarma, Dept. of Mathematics, GCU.</p>
15,16,17 March 2023	Euphuism 2023	Cultural event of GCU	<p>The grand cultural event of GCU, Euphuism 2023 was conducted at the Guwahati campus with many events as follows-</p> <ul style="list-style-type: none"> • Dance competition • Glitters • Singing competition • Rap-battle



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			<ul style="list-style-type: none"> • Handicraft competition • Photography competition • Cosplay competition • Cartoon art competition • Mime competition • Drama competition • Street battle <p>The inaugural programme was made eventful by Mrs. Chetana Das, Renowned Drama, Film and Television Actress of Assam who was the chief guest of the inaugural function.</p> <p>Other momentous event included the performance by Nillutpal, the renowned singer of Assam and Ash King, the main highlight of Euphuism 2023.</p>
11-18 March 2023	Football Tournament	Professional inter college men's football tournament	21 students participated in the event. All students were provided GCU jersey and transportation.
23 March 2023	EE and ECE	Visit to Regional Meteorological Centre, Guwahati	<p>A group of 23 students and 04 faculties of Department of ECE 11 students and 02 faculties of Department of EE, visited Regional Meteorological Centre, Guwahati on 23rd of March 2023.</p> <p>A ppt presentation followed by demonstrations of Meteorological Instruments were done by the experts of Guwahati RMC.</p> <p>The event was coordinated by Mr. Abhinandan Kalita, Assistant Professor, Department of ECE and Md Azizuddin Ahmed, Laboratory Instructor, Department of EE, GCU Assam.</p>
28 March 2023	IIC cell	Expert Talk	An expert talk was organised by the IIC cell of GCU on the



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			topic "From Environmental challenge to sustainable opportunities." The resource person for the talk was Dr. Pranab J Patar, Chief Executive of Global foundation.
28 March 2023	IIC, GCU	Interactive session with Mr. Srinivas Chamarthy, Chief Innovation Executive & MD, CYME Automation Systems Pvt. Ltd.	On March 28, 2023 the Institute's Innovation Cell (IIC) of Girijananda Chowdhury University (GCU), Assam organised an interactive session with Mr. Srinivas Chamarthy, Chief Innovation Executive & MD, CYME Automation Systems Pvt. Ltd. With the self-initiated mission "A Journey To Realize SELF," Mr. Chamarthy spoke to the university's pre-final year engineering students about the importance of innovation, product development and entrepreneurship in achieving Atma Nirbhar Bharat.
29-31 March 2023	ECE	3-day workshop on "Electronics System Design"	Department of Electronics and Communication Engineering (ECE), Girijananda Chowdhury University, Guwahati is going to organize a 3-day workshop on "Electronics System Design" for the students of class 8 to class 12 from 29th March 2023 to 31st March 2023. The Aim of this workshop is to enhance the technical knowledge of students on the essentials of electronics design using different passive and active components, sensors, and microcontrollers.
30 March 2023	GIPS	Workshop on "Effective Utilization of HPLC System To Increase The Lab Productivity" at GCU.	A one-day workshop on the topic "Effective Utilization of HPLC System To Increase The Lab Productivity" was held under the aegis of Girijananda Chowdhury University (GCU) at the Azara campus of Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), which is a constituent institution of GCU, on 30 March 2023. The workshop was organized jointly by Waters



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			<p>India Pvt. Ltd. and SAIF (Sophisticated Analytical Instrument Facilities)- GIPS under the support of DST-FIST project. Mr. Barun Sarkar, who is a Senior Field Service Applications Specialist at Waters India Pvt. Ltd., graced the workshop as the Chief Resource Person. He was assisted by Mr. Debasish Basak, Senior System Account Manager of Waters India Pvt. Ltd. The workshop was held in two sessions. In the first session, the emphasis was on delivering and discussing the theoretical aspects related to the working of the HPLC system. Meanwhile, the second session was on providing hands-on skill training. The workshop was open for the participation of students, faculty members and research scholars. Post the impactful and resourceful workshop, there was a Q and A session between the Resource Person and the students where they engaged in clarification of doubts and sharing of innovative ideas.</p>
31 March 2023	Centre for Multidisciplinary Studies, GCU	Lecture by distinguished German scholars and academicians Dr. Dieter Reinhardt and Prof Dr. Anja-Désirée Senz for a contemporary session of talks vis-à-vis the South Asian region.	<p>The Centre for Multidisciplinary Studies, Girijananda Chowdhury University welcomes the distinguished German scholars and academicians Dr. Dieter Reinhardt and Prof Dr. Anja-Désirée Senz for a contemporary session of talks vis-à-vis the South Asian region. Both the visiting personalities are part of the faculty at the Centre for Asian and Transcultural Studies under Heidelberg University, Germany. The institute occurs as an interdisciplinary center where a regional focus on South Asia dictates its curriculum and study. With over six decades of research expertise, the South Asia Institute is one of the globally significant of such centers that is exclusively devoted to the cause of studying and</p>



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			<p>understanding the greater aspects of this geographical region.</p> <p>Dr. Dieter Reinhardt will be speaking on 'The Price of Rapid Economic Growth in Bangladesh'. An expert in regional affairs of the South Asian region, the said lecture concerning one of India's immediate neighboring countries is particularly relevant for Northeast India given the current socio-political state of affairs.</p> <p>Prof. Dr. Anja-Désirée Senz's lecture on ' Reflections on China as a Development Model' would draw upon her immense experience in and expertise about the greater Chinese identity. Representing also the ever-expanding milieu of the South Asian nation's emergence as a global model in development, and its relevance in the Indian context due to a shared regionality would be Prof Senz's deliverance of this contemporary talk.</p>
31 March 2023	GIPS	An interactive session on the topic "Applications of Super Critical Fluids"	<p>An interactive session on the topic "Applications of Super Critical Fluids" was held under the aegis of Girijananda Chowdhury University (GCU) at the Azara campus of Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), which is a constituent institution of GCU, on 31 March 2023.</p> <p>Dr. Uday Joshi, Technical Advisor of Arunoday Consultech, Pune, was the esteemed resource person for the session.</p> <p>The discussion was aimed at conveying the knowledge about an innovative concept in the field of Green Chemistry Research i.e. the use of supercritical fluids as solvent for extraction of drugs from medicinal plants and its multiple</p>



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			advantages, which is a very trending area of research in the field of herbal medicines.
5 th April 2023	GIPS	Field visit to NEDFi, Khetri, Sonapur	59 students and 02 faculty members of the Department of Pharmacognosy, GIPS visited to NEDFi, Khetri, Sonapur for observation and processing of aromatic and medicinal plants at the Medicinal Plant Garden of NEDFi R&D centre at Khetri, Sonapur.
12 April 2023	GCU	Contribution of Books	<p>There was an intercollege Drama/Mime Competition conducted by GCU on 15-17th March, 2023 and which was participated by various colleges/ Institutions.</p> <p>In this context three teams from GCU were on superior positions due to their exclusive talents.</p> <p>They were awarded with cash prizes. The winners of the competition had spent some part of their winning prize money to buy books related to their concerned fields of Drama/ Mime and donated those to the GCU BINA CHOWDHURY LIBRARY as it was in the culture of GCU right from 2017 so that they can help Inspire the upcoming student generation of GCU.</p> <p>The same winning students had also participated in various competitions and were awarded as winners. GCU congratulates to all the winners and wishes them for a bright future.</p>
21 April 2023	GCU	Felicitation of Nayan Jyoti Saikia	Nayanjyoti Saikia, who won the MasterChef season 7 was felicitated on this day at the Azara campus of the University. He was bestowed with an Award of Excellence which comprised of a xorai, a paat gamusa and a letter of appreciation and a memento.
26 April 2023	GCU	World Intellectual Property	Dr. Jupi Gogoi of National law University and Judicial



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		Day	Academy was invited as a resource person for a seminar on Intellectual property rights on the occasion of World Intellectual Property Day
26-29 April 2023	Multiple sports and Cultural event	National Law University and Judicial Academy sports and cultural event	70 students participated in different events –Cricket (02 teams), Football, 5A side football, Badminton (Men and Women), Fashion show and short film making competition. Volleyball team went to the final while the Cricket team won the cricket tournament. All students were provided GCU jersey and transportation.
27 April 2023	GIPS, GCU	Field visit	<p>On 27th April, 2023, a group of 59 students and 2 faculties of Girijananda Chowdhury Institute of Pharmaceutical Science, Girijananda Chowdhury University, Assam visited Mirza Community Health centre and Azara Primary health care centre.</p> <p>In the presence Deputy superintendent Dr Minakshi Bordoloi ,Mr. Chinta Haran Deka, laboratory in charge explained about every department of Mirza CHC. In Mirza Community Health care, students were demonstrated about Pharmacy section with major drug store.</p> <p>On the same day, a visit to biomedical waste management at Azara PHC, Assam was conducted. The students were made aware of how to remove all the hazardous and infectious waste generated from hospital settings. Laboratory in charge of Azara PHC,Mrs Monikankana Saikia along with GCU Laboratory assistant Mr Shankar Jyoti Baishya demonstrated about how biomedical waste management was done by chemical disinfection, wet (autoclaving) and dry thermal treatment and land disposal. In the presence of Deputy Superintendent: Dr.Dhirendra</p>



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			Chandra Das this field visit was concluded successfully. The event was coordinated by Miss Priyanka Choudhury, Department of Pharmaceutics, Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati, Assam, Girijananda Chowdhury University, Assam.
29 April 2023	GIPS Tezpur	Educational Trip	An educational trip to Dekargaon community health Centre and Imperial Beverages, SS soap work and Nabaprabhat orphanage was organised by GIPS Tezpur for the 1 st year D.Pharm students.
02 May 2023	CSE	Field visit to NESAC, Meghalaya	47 students and 04 faculty members visited the North Eastern Space Application Centre (NESAC), Meghalaya for a field visit.
03-04 May 2023	GCU in collaboration with LEGO	Two-day workshop on WHO life skills	GCU in collaboration with LEGO organised a two day workshop on WHO life skills at Kendukuchi Lower Primary School and Garal M.E. School for imparting of practical information regarding the ten core life skills emphasised by WHO.
03 May 2023	Cultural club of GCU in association with BPCL	Saksham 2023: Energy Conservation towards 'Net Zero was celebrated at GCU campus with an Elocution Competition	Saksham 2023: Energy Conservation towards 'Net Zero was celebrated at GCU campus with an Elocution Competition on 03/05/2023. The programme was organised by the Cultural club of GCU in association with the office of Dean Student Affairs of GCU and officials of BPCL, Guwahati. After the end of the competition, the winners were declared. They were- Ajoy Krishna Kalita (B.Tech Mechanical engineering), Satavisha Roy Choudhury (B.Tech Computer Science And Engineering) and Sashanka Das (B.Tech Electrical Engineering) in the 1st, 2nd and 3rd prize category. As reward, they were handed



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			<p>out Amazon Gift cards worth of Rs. 5000/-, Rs. 3000/- and Rs. 2000/- respectively and Winners certificate.</p> <p>The Competition was witnessed by a large audience that included Mr. Pankaj Das (State Head, Northeast), Ms. Priyanashi Kalita and Ms Chayanika Devi of BPCL, Prof. Dipankar Saha (Registrar, GCU), Dr. Sandip Bordoloi (Dean, Student Affairs, GCU), Mr. Sourobh Mazinder Barua (TPO, GCU), Dr. Moytri Sarmah (Assistant Professor, Dept. of Mathematics and Coordinator, Cultural Club) and a host of faculties of GCU, along with around fifty numbers of students of GCU.</p>
11 may 2023	IIC cell of GCU	National Technology Day	The IIC cell organised the National Technology Day on 11 May 2023. Prof. Alak K. Buragohain, Chancellor of GCU delivered a talk on “Technology as a Driver of Civilization”.
15 May 2023	GIPS	Workshop on “Application of Gel Electrophoresis in Modern Drug Delivery”	A one-day workshop on the topic “Application of Gel Electrophoresis in Modern Drug Delivery” was organised by GIPS which is a constituent institution of GCU. The workshop was organised jointly by Bio-Rad laboratories (India) Pvt. Ltd and Sophisticated Analytical Instrument Facility (SAIF), GIPS under the support of DST-FIST project.
18 May 2023	GIPS	Industry visit to APY Pharma	<p>On 18th May, 2023, a group of 53 students and 2 faculty members from Department of Pharmaceutical Science, Girijananda Chowdhury University, Assam visited APY Pharma, a nearby Pharmaceutical industry which is situated in the Chaygaon area of Assam.</p> <p>The industry visit of the students exposes them to and educates them on the various processes of manufacturing common pharmaceutical dosage forms such as tablets,</p>



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			<p>capsules, liquid orals, injectables, and so on in the practical field, which also aims to scientifically correlate with the existing curriculum.</p> <p>Mr. Ashok Singh, Plant Head of APY Pharma, had thoroughly exhibited the plant's numerous activities. He also discusses the facility's many divisions, as well as the roles and duties of each department during the manufacture or production of any pharmaceutical dosage form, from raw materials to final goods.</p> <p>Md. Yusuf Ahmed, the industry's owner, later meets and interacts with the students and teaches several issues relating to pharmaceutical manufacturing.</p>
19 May 2023	Student Achievement	Debate competition	Ms. Jyotishma Medhi of 6 th sem, Dept. of CE was selected to compete in the Youth Parliament Debate competition to be held at IIFM Bhopal on 1-2 June, 2023.
23 May 2023	GCU	Interactive session	GCU Azara campus organised an interactive session with eminent professionals Mr. Vikas Bansal and Mr. Kalyanjit Hatibaruah. Mr. Bansal spoke on Achievers attitude, while Mr. Hatibaruah delivered an interactive talk on WEB3.
23 may 2023	Dean SA office, GCU	LOI signing with Tata Strive	GCU signed an LOI with TATA Strive, by which the later would offer some free digital and computer courses for the students of GCU. These courses are Google certified courses and students can learn the courses through free access through Coursera, the online learning platform.
24 May 2023	Computer Application	Workshop on "Cyber Security"	A workshop on "Cyber Security" was organized by Department of Computer Application, under the aegis of Girijananda Chowdhury University, on 24th May 2023 to address the growing challenges arising due to cyber threat and and to empower individuals with cyber security



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			<p>knowledge and promoting a culture of security to build a safer and more resilient digital ecosystem. The workshop was graced by Mr Subhasmit Malakar and Ms Sanju Biswakarma of Trustnetix Solution Pvt Ltd ,Guwahati as the honourable resource persons of the workshop who shared their expertise and insights with the participants.</p>
25-26 2023	May GIPS	Two day workshop on “Recent Trends in Pharmaceutical Research”	<p>A two days workshop on the topic “Recent Trends in Pharmaceutical Research” was organized at the Azara campus of Girijananda Chowdhury Institute of Pharmaceutical Science (GIPS), a constituent institution of Girijananda Chowdhury University (GCU) from 25th May 2023 to 26th May 2023. The workshop was conducted by the Sophisticated Analytical Instrument Facility (SAIF), GIPS under the aegis of Girijananda Chowdhury University for students pursuing B. Pharm and M. Pharm. DAY 1 of the workshop comprised of three technical sessions. Prof. Alak Kumar Buragohain, Chancellor, Girijananda Chowdhury University, Dr. Damiki Laloo, Professor, Department of Pharmacognosy, GIPS-Guwahati and Dr. Sunayana Baruah, Veterinary Officer, GIPS-Guwahati, graced the sessions as honourable Resource Persons. The technical session was followed by a visit to DST-FIST Laboratory and Research Laboratory of GIPS-Guwahati, GCU for demonstration of various analytical instruments. On DAY 2, the students visited the Animal House facility, GIPS, GCU for demonstration of basic animal experimentation techniques and animal handling procedures as well as the Sophisticated Analytical Instrument Facility (SAIF) unit.</p>



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25 May 2023	Students Achievement	Winner of competition	Aditya Das of 6 th sem, Department of CSE, GCU won the 1 st prize in Rap Battle competition held as a part of Enajori Music festival 2023.
26 May 2023	Department of Business Administration, GCU	Industry visit	The Department of Business Administration, Girijananda Chowdhury University, organized an industrial visit to CG Foods India Pvt. Ltd., Chhaygaon, Kamrup (Rural), Assam, on May 26, 2023 for the students of MBA 2nd Semester. The industrial visit was organized with an objective of providing a practical industry exposure to the students. A team of 39 students, divided into two groups along with Mr. Faruk Ahmed and Mr. Abhinav Sarma, Assistant Professors of the Department of Business Administration visited the Plant of CG Foods Ltd.
31 May 2023	Students Participation	12 th Manash Borah Memorial Inter-Institutional Debating competition	Bibek Mandal and Sashanka Das of B.Tech 2 nd sem, GCU participated in the 12 th Manash Borah Memorial Inter-Institutional Debating competition held at ITA Machkhowa.
5-10 June 2023	Dept. of CSE, GCU	Full Stack Web Development Workshop	A 5-day workshop on Full Stack Web Development was organised by the Department of CSE, GCU
5 June 2023	IQAC cell, GCU	World Environment Day	The celebration started with a plantation programme at around 10am. An informative speech on the importance of protecting the environment was delivered by Prof. Kandarpa Das, Hon'ble Vice Chancellor of the University. Thereafter, the saplings were planted within the University campus in the presence of Prof. Alak Kumar Buragohain, Hon'ble Chancellor, Dr. Chandana Goswami, Dean Academic, Dr. Mukta Ranjan Singha, Director of IQAC, Dr. S. Robert Ravi, Dean, School of Engineering and Technology and Principal, GIMT, Dr. P. Malairajan,



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			<p>Principal, GIPS and other faculty members and students of the university.</p> <p>The students of the university then took part in a street play on the theme 'BEAT PLASTIC POLLUTION' at Dharapur Bazaar to create awareness among the masses on the ban of plastics and make them conscious about the adverse consequences of dumping waste in the Deepor Beel which has turned out to be a serious ecological concern now. The students used play cards with imprinted slogans and banners to address the gathering and convey their messages.</p>
5-6 June 2023	GIPS, GCU	Two days interactive session on the topic "Recent Advancements in Drug Discovery"	A two days interactive session on the topic "Recent Advancements in Drug Discovery" was held at Girijananda Chowdhury University on 5th and 6th of June, 2023 for students of M. Pharm and faculty members. Prof. Samir Bhattacharya and Prof. Shelley Bhattacharya, School of Life Sciences, Dept. of Zoology, Viswa Bharti University, Santiniketan graced the platform as the keynote speakers.
10 June 2023	GIPS, GCU	One-day workshop on the theme "Emergence of e-Pharmacy: Opportunities and Challenges for Pharmacists"	<p>A one-day workshop on the theme "Emergence of e-Pharmacy: Opportunities and Challenges for Pharmacists" was organized for in-service hospital pharmacists on 10th June, 2023 by The School of Pharmaceutical Sciences, Girijananda Chowdhury University (GCU), Assam, in collaboration with Assam Pharmacy Council.</p> <p>The workshop aimed to provide a platform for the pharmacists to update their knowledge and skills on the emerging trends and issues related to e-pharmacy, the online platform for delivery of medicines and other health</p>



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			products.
14 June 2023	GCU Azara and Tezpur campus	Warming up for the celebration of International Day of Yoga	A week-long Yoga protocol training session has been organized at Girijananda Chowdhury University from 14th June 2023 to 20th June 2023 for observation of the International Day of Yoga (IDY), 2023 in response to a notification from the Ministry of AYUSH, Government of India. The week long programme was observed both at Azara and Tezpur campus of the University.
16 June 2023	GCU Azara	Blood Donation Drive at GCU	Girijananda Chowdhury University, Assam in association with Swagat Blood Centre (a unit of Swagat Hospital Pvt. Limited, Guwahati) and Marwari Yuva Mancha, Kamakhya Branch organised a blood donation camp on 16th June 2023 at its premises. Keeping in view with the theme of World Blood Donor Day 2023: "Give blood, give plasma, share life, share often" the camp was initiated to create an awareness on blood donation and help those in need during medical emergencies.
18 June 2023	GCU Azara	1st All Assam Open Bench Press (RAW) Championship	1st All Assam Open Bench Press (RAW) Championship was organized by Khalil Weightlifting Academy in association with Saraighat Gym at Girijananda Chowdhury University. Prof. Kandarpa Das, Hon'ble Vice Chancellor, Girijananda Chowdhury University inaugurated the event along with Prof. Dipankar Saha, Registrar and Dr. S Robert Ravi, Dean of School of Engineering and Technology, GCU. The competition included different weight categories for both men and women. A total of 120 participants took part in the weightlifting competition from different districts of Assam. Certificates and medals were awarded to the winners of the first, second and third position holders



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			across all categories. The participants competed with vigour, grit and zeal demonstrating determination and passion for the weightlifting competition.
21 June 2023	GCU Azara and Tezpur campus	International Day of Yoga 2023	<p>Girijananda Chowdhury University observed International Day of Yoga on 21st June 2023 at Guwahati and its constituent Tezpur campus to resonate with the core essence of the theme for IDY-2023 “Yoga for Vasudhaiva Kutumbakam” which encapsulates an aspiration for “One Earth, One Family, and One Future.” Around 70 members which included teachers, students, enthusiasts from GCU and students from Pratishruti Yoga and Dance Centre participated in the event to promote good health with sound mind and body. Showcasing their talents, the students of Pratishruti Yoga and Dance Centre delivered a spectacular performance and they were awarded with Certificate of Participation as a token of love.</p> <p>A similar program was organised at GIPS-Tezpur, the constituent campus of GCU</p>
21 June 2023	Dept. of CE, GCU	Online quiz competition	An online quiz competition on “Road Safety and Traffic Rules” was organised by the Dept. of CE in association with Inter-Departmental Lead Agency (Road Safety), Chattisgarh Traffic Police , Raipur
30 June 2023	Dean SA office	TATA Strive Google Career Orientation Program	A Google Career Orientation Program was organised by GCU and TATA Strive for the students who had enrolled for various courses under Google certification program.
01 July 2023	GCU	National Doctor’s Day	GCU observed National Doctor's Day in collaboration with Pratishruti Cancer & Palliative Trust to commemorate the significance of the National Doctor's Day. Resonating with



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			the essence of the theme "Celebrating Resilience and Healing Hands" the day was set aside to salute the resilience of the doctors and health workers with gratitude and admiration.
04 July	GCU	MOU signing	A Memorandum of Understanding (MOU) was signed between Girijananda Chowdhury University and the North East Cancer Hospital and Research Institute, Jorabat with an aim to engage in research collaboration in the area of Digital Health Care, especially for advancing cancer detection and diagnosis using AI based technologies. Prof. Kandarpa Das, Hon'ble Vice Chancellor, GCU, Prof. Dipankar Saha, Registrar, GCU, Dr. Minakshi Gogoi, Associate Professor, Department of Computer Science and Engineering, GCU and Dr. Munin Barua, Director, NECHRI, Dr. Imliwati Longkumer, NECHRI and other cancer specialists from the Institute were present during the MOU signing event. The MOU shall facilitate in collaborative research work in a broad range of Artificial Intelligence Technologies, bio-imaging, etc., outlining their joining efforts to advance the use of digital technology for individual and societal health worldwide.
14 July 2023	GCU	MOU signing	A Memorandum of Understanding (MoU) was signed between Girijananda Chowdhury University and Guwahati Biotech Park (GBP), Amingaon to develop co-operation and collaboration in research and development, capacity building, skill development, joint diploma programs and other activities. The MoU shall facilitate to jointly explore external funding opportunities through project proposal development which will enable to expand and extend their



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			collaborative activities.
1-16 August 2023	GCU	Students Induction Program (SIP 2023)	The SIP 2023 was organised at GCU to welcome the 1 st batch of GCU students to the campus. The three week long induction program was organised from 1 st August to 16 th August 2023. Different type of activities- co-curricular and extra-curricular activities were organised for the students. Several well known persons from the field of literature, music, film and drama were invited for the program to motivate the students. Sessions were conducted on Human values, Mentoring, Anti-ragging, examination rules, disciplines etc. The students were also imparted basic skill based trainings and were taken to nearby places for visit.
15 th August 2023	GCU	Independence day and Art competition	Girijananda Chowdhury University celebrated the Independence day on 15 th August and organised a Independence Day special art competition to mark the occasion.
24 th August 2023	SIPRD	Program on Localization of SDG's on nine thematic areas identified by Ministry of Panchayati Raj, Govt. of India	50 students and three faculty members from GCU participated in the event.
26 th August 2023	GCU Photography club	Club activity	A club activity was conducted by the photography club of GCU on 26 th August, 2023 under the guidance of faculty coordinators Dr. Sangeeta Das and Dr. Swarnali Pathak. The students of the club were tasked with capturing glimpses of nature found inside the GCU Campus. Active participation was seen and creativity of students were brought out which was the main aim of the club activity. There were around 50 participants who



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			captured numerous vivid and beautiful photographs. The event was managed by student coordinators Mr. Dheeman Deka and Mr. Subhrajyoti Goswami.
29 th August 2023	Cotton University	Sports quiz	16 students of GCU are participated in a Sports Quiz organized in Cotton University on 29 August, 2023
29 th August 2023	GCU	Distribution of computers	Girijananda Chowdhury University (GCU) effectively completed the 2nd phase of Computer Literacy Drive in neighboring school children on 29 th of August 2023. The University generously contributed a combined total of eight sets of desktop computers to Dharapur Higher Secondary School (Dharapur), Paschim Ramcharani High School (Pub Mazirgaon) and Rajdhar Bora Higher Secondary School (Azara).
31 st August 2023	GCU (GIPS Tezpur)	Interactive session	Ms. Neenu Thomas, a dedicated professional from the Department of Clinical Psychology at LGB Regional Institute of Mental Health, embarked on an enlightening journey of interaction with students at the School of Pharmaceutical Sciences, GCU, Tezpur on August 31, 2023.
1 st September 2023	KC Das Commerce college	Debate Competition	A debate team of GCU participated in a Debate Competition organized in K. C. Das Commerce College on 01 September, 2023. Ms. Jyotishma Medhi, CE 7 th Semester had previously cleared till the 2 nd round of debate in the Youth Parliament on Lifestyle for Environment organized by Ministry of Environment Forest and Climate Change, GOI in June 2023, held in IIFM, Bhopal.
8 th September 2023	GCU	1 st freshmen social	GCU celebrated the 1 st freshmen social of the 1 st batch of UG and PG students on 8 th September. The day was



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			marked by different cultural events performed by the new and the senior students.
8 th and 9 th September 2023	GCU and Big FM	Sports and Cultural activity	Big FM in collaboration with GCU organised a sports and cultural event on 8 th and 9 th September 2023. Many students participated at the events which was held at the GCU campus.
19 th September 2023	GCU	International Sign Language Week 2023	In honour of International Sign Language Week, the Department of Psychology and Sociology and Social Work, Girijananda Chowdhury University, in collaboration with the Assam Association of the Deaf, hosted a Sign Language Awareness Campaign on September 19, 2023.
20 th September 2023	GCU and Web3	Workshop on Web3	A workshop on Web3, titled Web3Adda was organised for the students of Girijananda Chowdhury University in collaboration with Web3Assam on 20 th September 2023. Here are the exhilarating highlights of the Workshop: Introduction to blockchain Use cases of Blockchain Hands-on Deployment of ERC-721 Smart Contract About 50 students of the University participated at the workshop
23 rd September 2023	GCU and Ayuda Education	Workshop on Future prospects through GATE exam	A session on Future prospects through GATE exam was organised by GCU in collaboration with Ayuda Education. About 50 students participated in the event.
23 rd September 2023	GCU	Smart India Hackathon (Internal)	Smart India Hackathon (SIH) is a nationwide initiative to provide students with a platform to foster a culture of product innovation and a problem-solving mindset. To shortlist the teams for this event, Mr. Adarsh Pradhan, SPOC, Girijananda Chowdhury Guwahati (GCU), in coordination with the Programming Club, conducted an Internal Hackathon on the 23 rd of September 2023, in the Department of Computer Science and Engineering, GCU.



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			<p>A total of 36 students, comprising 6 teams, from the Departments of Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, and Computer Application participated in the event. “An App-based solution for the wool sector (Ministry of Textiles)”, “Self- identifying the mental health status and get guidance for support (Government of Gujarat)”, “Chatbot to respond to text queries about various Acts, Rules, and Regulations applicable to Mining industries (Ministry of Coal)”, and other problem statements were among those to which the students offered solutions. The judges interrogated, probed, and scrutinized the competing teams, and five have been shortlisted, who will get the opportunity to participate in the 6th edition of SIH- 2023, which will be organized by the Ministry of Education, AICTE.</p>



GIRIJANANDA CHOWDHURY UNIVERSITY, ASSAM

Empathy and Equity with Empowerment are the core values of Girijananda Chowdhury University which are the basis of all other universal human values quintessential for a world that is humane, just and harmonious.

Mission of the University:

- Girijananda Chowdhury University embarks upon its academic plan and programs with a mission of empowering our students with knowledge and skills in their chosen domain with a strong mooring in its envisioned values.
- We have a mission to be contemporary in our pedagogy and to be future focused in developing courses and research trajectories considering the dynamic realities of the region, nation and the world at large.
- Our mission is to equip our students with the requisite knowledge, skills and values in a unique ecosystem that will enable them to avail the opportunities coming in the wake of the industry 4.0. In this mission we strive for a vibrant industry – academia bonding and excellence in research and innovation.
- We have a mission of creating human resources critical for harnessing the unique and diverse natural resources of the northeast for a strong and vibrant economy necessary for sustainable development of the region.
- Girijananda Chowdhury University's mission of creating citizens who will be globally competent and competitive with skills for communication, collaboration and cooperation is embedded in all its academic programs and research.
- Our mission is to create a cultural continuum with our neighboring countries of Southeast Asia on the foundation of the commonalities of our tradition, culture and common history.
- Our mission is to enable our students to contribute towards a society that is heterogenous, cosmopolitan and egalitarian.

Vision of the University:

Girijananda Chowdhury University shall create a culture of education that will provide students a transformative experience – intellectual, ethical, cultural and social. We envision a society where our students shall contribute with unparalleled professionalism, competence and integrity while upholding the basic human values of liberty, justice and equality.