



ACCREDITED WITH
NAAC A+
IN 1st CYCLE



GL BAJAJ
Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU

CENTER FOR INNOVATION IN LEARNING AND DEVELOPMENT

GL BAJAJ INSTITUTE OF TECHNOLOGY
& MANAGEMENT, GREATER NOIDA

**ANNUAL
REPORT
2023-24**



CONTENTS

1. CILD: A Brief Description

1.1 Introduction	1
1.2 Objective	1
1.3 Benefits	2
1.4 Committee List	2
1.5 Outline of Various Programs Conducted during 2023-24.....	3

2. Detailed Report of Various Activities

2.1 Faculty Induction Program (FIP)	5
2.2 Knowledge/Experience Sharing Workshop on Activity-Based Learning.....	7
2.3 Continuous Quality Improvement (CQI) Using OBE	9
2.4 Expert Lecture on Idea & Innovation	11
2.5 Faculty Development Program	13
2.6 Industrial Visit to Uno Minda Limited, Greater Noida.....	15
2.7 Industrial visit to Deloitte	16
2.8 Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session	17
2.9 4th Anniversary of National Education Policy (NEP) 2020	18
2.10 Investor Mock Pitch: Simulating Investor Presentations.....	19
2.11 Opportunities for Students & Faculties - Early-Stage Entrepreneurs: Right to Excellence in Education and Entrepreneurship	20
2.12 Faculty Development Program on Pedagogies and Holistic development of learners – A Tour of NEP 2020.....	21
2.13 Mentoring Event: Demo Day of Start-Ups & Linkage with Experts for Mentorship Support.....	23
2.14 Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	24
2.15 Knowledge/Experience sharing workshop on Activity based Learning-2024.....	25
2.16 Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs	26
2.17 Intra-Institutional Start-up Competition	27
2.18 World Entrepreneurs Day.....	28
2.19 Internal Hackathon Smart India Hackathon-2024	29



2.20	Exposure and Field Visits for Problem Identification: Aligning with UN SDGs and Exploring Emerging Areas of Technologies	30
2.21	From Idea to Impact - Motivational Session by Successful Entrepreneur/Start-up founder	31
2.22	5 Days Youth Talent Exhibition	32
2.23	Innovation Day Celebration- Innovative Project Idea Presentation	33
2.24	Idea Showcase: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support.....	34
2.25	National Entrepreneurship Day.....	35
2.26	Youthpreneurs of Tomorrow seminar series Empowering the Future: Entrepreneurial Education and Digital Ventures as Catalyst for Social Progress.....	36
2.27	National Education Day Celebration	37
2.28	Alumni Interactive Session on scope of entrepreneurship.....	38
2.29	My Story - Motivational Session by Successful Innovators.....	39
2.30	Expert Lecture on Innovative Space Technology Application of AI and ML	40
2.31	Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs	41
2.32	Entrepreneurship and Innovation as Career Opportunity	42
2.33	‘Kaizen’ - An engine for continuous improvement in Intellectual Property Management.....	43
2.34	Visit to GL Bajaj ITM Electric sub-station for problem identification.....	44
2.35	Pollution Control Day Celebration	46
2.36	One-Day Workshop on Virtual Lab	47
2.37	One-Day Workshop on Innovations in Virtual Labs.....	48
2.38	Seminar on "How to set up the startups and importance”	49
2.39	Revive & Thrive: Inter Institutional Innovation Competition and Reward the Best Innovations and Deposition in the Institution’s YUKTI Innovation Repository.....	50
2.40	Organizing Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal Tinkering Labs and School Innovation Council (SIC)	51
2.41	Energy Conservation and Efficiency: Expert Insights on National Energy Conservation Day.....	52
2.42	Industrial Visit to Jai Ambey Gas Cylinder Private Ltd.....	54
2.43	Innovation Showcase: theme- Sustainability and Global Green.....	55



CHAPTER-1

CILD: A BRIEF DESCRIPTION

1.1 Introduction:

The paradigm of teaching and learning is undergoing radical changes due to the availability of new methods and skills for organizational learning. Also, the gradual globalization of the educational process as a whole and the intense pressure of an expanding and diverse population of students is the reason for major changes in teaching learning process. So, teachers need to use their knowledge in addition to constantly develop their conceptual and pedagogical abilities in order to make the teaching-learning process more fun, inventive, and effective for both teachers as well as for students. Hence, it is necessary to develop a system that connects students, faculties, and a methodology for selecting the best combinations of solutions from a number of different approaches that can considerably alter in different environments. Therefore, a Center for Innovation in Learning and Development (CILD) is established in G L Bajaj Institute of Technology and Management, Greater Noida for the development of Teaching, Learning, and Research. The main objective of CILD is to provide continuous support to the students, scholars, and faculty members for their overall academic growth.

1.2 Objectives:

The objectives of CILD are-

- to organize workshops, seminars in order to develop faculties and student's professional skills and competence.
- to organize FDPs in order to encourage faculty members to strive for professional excellence and satisfaction.
- to aid in the implementation of best practices in the teaching and learning environment through research and the distribution of previously gathered knowledge.
- to provide support for ICT enabled active learning strategies in classroom teaching.
- to organize conclaves on themes related to education.
- to encourage and endorse collaborative learning amongst students.
- to create and manage learning materials and resources for easy access by students and teachers.
- to organize certification programs for teachers and laboratory assistants.
- to organize sessions related to entrepreneurship, patents and innovation for students,



faculties and our mentee institutes.

1.3 Benefits:

For the transformation of engineering education at any institution, faculty development is a continuous endeavor. Teachers must be actively engaged in professional growth that enhances their teaching to be effective in the classroom and ensure excellent learning outcomes. The benefits of the Center for Innovation in Learning and Development are:

- It offers the skills to teachers and students that is necessary to satisfy the objective of education.
- It aids teachers to use new technologies and resources to enhance and develop learning.
- It supports teachers to deliver better learning outcomes to their students.
- It benefits teachers to adopt active learning methods.
- It helps the students to develop their thinking abilities by improving their critical thinking, problem solving abilities and leadership skills.
- It keeps the faculty informed about the importance of high-quality teaching learning processes and implementation of students feedback as well to improve academic outcome. It helps to facilitate innovation.

1.4 Committee Members



Head, CILD

Dr. Jay Singh

Professor

Email: jay.singh@glbitm.ac.in



Coordinator,
CILD

Mrs. Priyanka Datta
Assistant Professor

Email: priyanka.datta@glbitm.ac.in



Member,
CILD

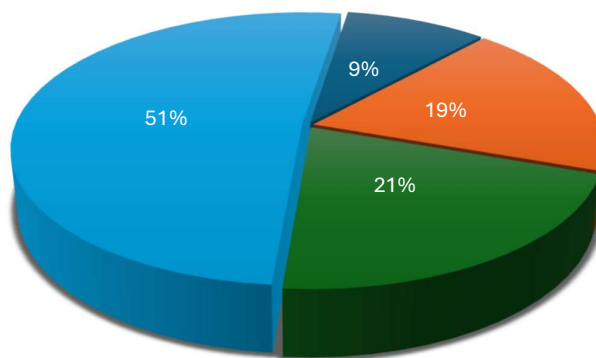
Ms. Deepti Dohare
Assistant Professor

Email: deepti.dohare@glbitm.ac.in

1.5 Outline of Various Programs Conducted during 2023-24

S. No.	Type of Event	Total Number
1	FDP/SSTP	4
2	Expert Lecture	8
3	Workshop/ Seminar/ Webinar	9
4	Other Events	22

**Various Programs Conducted during
2023-24**



■ FDP/SSTP ■ Expert Lecture ■ Workshop/ Seminar/ Webinar ■ Other Events



GL BAJAJ
Institute of Technology & Management

[Approved by AICTE, Govt. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
**Centre for Innovation in Learning and Development
& Internal Quality Assurance Cell**

DETAILED REPORT OF VARIOUS ACTIVITIES



Report

on

Faculty Induction Program (FIP)

2nd November 2023

Organized by Centre for Innovation in Learning and Development (CILD)

Date: 2nd November 2023

Venue: SBG Hall, AB-II, GL Bajaj ITM, Greater Noida

Organized by: Centre for Innovation in Learning and Development (CILD). GLBITM, Greater Noida

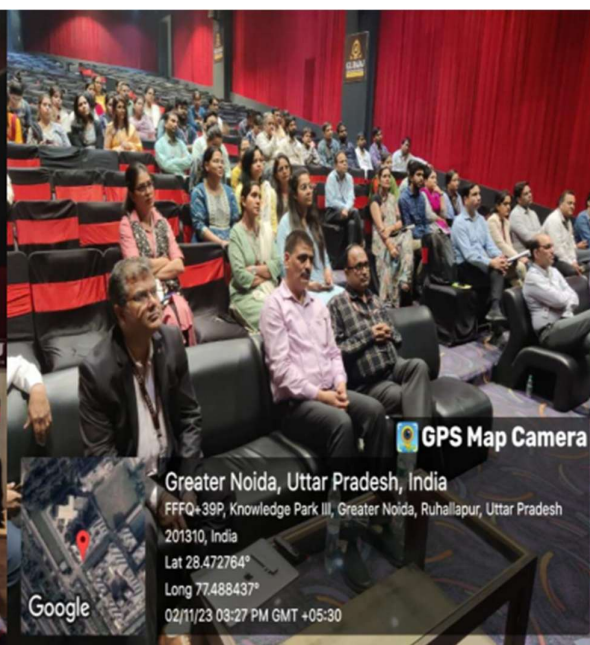
The *Centre for Innovation in Learning and Development (CILD)* organized a one-day **Faculty Induction Program (FIP)** on 2nd November 2023 for newly joined faculty members across various departments at GL Bajaj Institute of Technology and Management, Greater Noida. A total of **63 participants** attended, representing departments such as ACSE, CSE, IT, ECE, EEE, MBA, MCA, and more.

The event began with a short five-minute institutional video showcasing the campus, infrastructure, and facilities. This was followed by an address by **Prof. Manas Kumar Mishra**, Director, GLBITM, who emphasized the role of accreditation (NAAC) and institutional vision. Various deans, heads of departments, and committee leaders (19 in total) shared detailed insights into the functioning, objectives, and rules of their respective cells.

Notable speakers included **Dr. Shashank Awasthi** (Dean Strategy), **Dr. M.S. Naruka** (Dean Student Welfare), **Dr. Mayank Singh** (Dean R&D), and **Dr. Dinesh Kumar Singh** (Exam Cell), among others. They discussed strategic planning, student engagement, R&D norms, examination policies, and quality assurance mechanisms.

The program was coordinated by **Mrs. Priyanka Datta** and anchored by **Mrs. Deepti Dohre**, both from CILD. **Dr. Jay Singh**, Head, CILD, concluded the session with a vote of thanks and encouraged all faculty members to uphold institutional values with responsibility and integrity.

The FIP successfully oriented new faculty with institutional policies, fostering awareness and collaboration across departments to support a harmonious academic environment.





Report

on

Knowledge/Experience Sharing Workshop on Activity-Based Learning

2nd December 2023

Organized by IQAC with CILD, GLBITM, Greater Noida

Event Date: 2nd December 2023

Event Time: 11:00 AM onwards

Event Venue: SHD Hall, AB-I

Resource Persons:

1. Dr. Manas Kumar Mishra (Director – GL Bajaj ITM, Greater Noida)
2. Dr. Mohit Bansal (Professor & Head – Department of EEE, GL Bajaj ITM, Greater Noida)

Activity-based learning is the process of learning by performing tasks or activities. It motivates students to participate in their own learning experience through practical activities such as independent investigation and problem-solving.

Hence, the **Centre for Innovation in Learning and Development (CILD)** and **Internal Quality Assurance Cell (IQAC)** jointly organized a workshop on “**Knowledge/Experience Sharing on Activity-Based Learning**” on 2nd December 2023. The purpose of the workshop was to share the knowledge and experiences of our professors with all faculty members of the institute. During the session, it was observed that many faculty members are already implementing some of the best practices shared by the speakers in their teaching and learning processes.

The workshop began with an introduction by **Mrs. Priyanka Datta**, Coordinator – CILD and Assistant Professor, EEE Department. She invited the first speaker, **Prof. Mohit Bansal**, Head – Electrical & Electronics Engineering, GL Bajaj ITM, to share his experience with the audience. Prof. Bansal discussed various techniques of teaching and learning, focusing particularly on **experiential learning tools** and provided several examples. He also shared motivational quotes related to experiential learning and teaching methodologies.

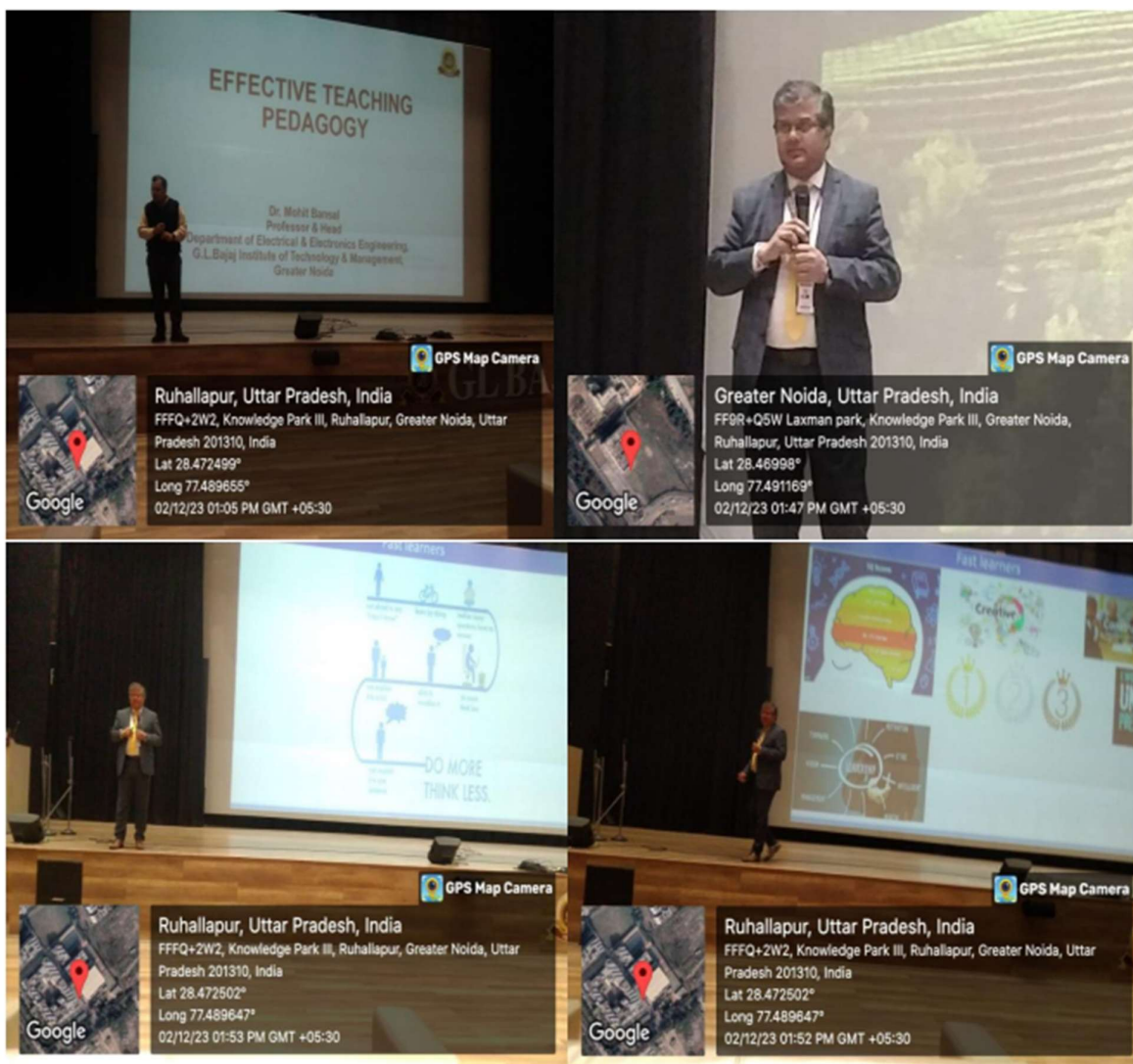
The next speaker, **Prof. Manas Kumar Mishra**, Director – GL Bajaj ITM, acknowledged and built upon the technical points discussed by Prof. Bansal. In his session, Prof. Mishra provided



several **live examples** that he uses during his lectures for better understanding and knowledge retention by students.

There was an enthusiastic response from faculty members during the workshop. Many participants also shared their **own best practices** during the interactive sessions.

At the end of the program, **Prof. Priyanka Datta**, Coordinator – CILD, invited **Dr. Jay Singh** to deliver the **vote of thanks**. On behalf of the GL Bajaj family and the organizing committee of CILD, Prof. Singh expressed his sincere gratitude to all the participants, speakers, and everyone who contributed directly or indirectly to making the program a success





Report

on

Continuous Quality Improvement (CQI) Using OBE

5th Feb 2024 – 16th Feb. 2024

Organized by Centre for Innovation in Learning and Development (CILD), GLBITM, Greater
Noida

Event Date: 5th Feb 2024 – 16th Feb. 2024

Event Time: 10:00AM onwards

Event Venue: SBG Hall, 2nd-floor AB-II.

The Centre for Innovation in Learning and Development at GL Bajaj Institute of Technology and Management, Greater Noida, organized a Faculty Development Program (FDP) on “Outcome-Based Education (OBE) Design and Assessment Practices” from 5th February to 16th February 2024. The program was structured to equip faculty members with the foundational knowledge and practical tools required for effective implementation of OBE frameworks within their disciplines. It focused on aligning teaching-learning strategies and assessment techniques with clearly defined learning outcomes, thereby fostering a more outcome-oriented academic environment.

Objectives of the FDP

- To familiarize participants with the core principles and philosophy underpinning Outcome-Based Education (OBE).
- To develop faculty competence in formulating Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).
- To offer practical guidance on CO-PO mapping, assessment strategies, and outcome measurement.
- To support academic departments in the effective planning and implementation of OBE frameworks.
- To promote continuous quality improvement in teaching, learning, and evaluation processes.



GL BAJAJ
Institute of Technology & Management

[Approved by AICTE, Govt. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
**Centre for Innovation in Learning and Development
& Internal Quality Assurance Cell**





Report

on

Expert Lecture on Idea & Innovation

4th June 2024

Organized by IQAC with CILD, GLBITM, Greater Noida

Event Date: 28th May 2024

Event Time: 02:30 PM – 03:30 PM

Event Venue: SHD Hall, AB-I

Resource Person: Prof. (Dr.) T.G. Sitharam, Chairman – AICTE, New Delhi

Prof. T.G. Sitharam, Chairman AICTE, New Delhi, delivered a lecture and addressed the students and faculty members of **GL Bajaj Institute of Technology and Management, Greater Noida**.

The Chairman congratulated the institution for moving a step forward in the journey of innovation by setting up an **AICTE IDEA Lab**. He said the IDEA Lab represents a milestone in the journey towards fostering **creativity, innovation, and practical learning** in the field of technical education.

He spoke about establishing **150 more Idea Labs** nationwide and instructed that the lab should be open for access **24/7** for continuous learning opportunities. He inspired the students of GL Bajaj to utilize the IDEA LAB for **innovation and skill development**, emphasizing that **future success will be driven by skills rather than just degrees**.

The recent Expert Lecture on **Idea & Innovation** was a captivating session that highlighted the **critical role of creativity** in driving progress. The speaker, a renowned professor and academician, emphasized the importance of **fostering a culture of innovation** within the institute.

Key topics included:

- Strategies for generating and nurturing ideas
- Overcoming obstacles to innovation
- The impact of emerging technologies on future advancements

Faculty members and students were inspired by **real-world examples** shared by Prof. Sitharam (Chairman – AICTE), and he also urged students to make effective use of the IDEA Lab.

The lecture underscored the **necessity of continuous learning and adaptability** in today's fast-paced, ever-evolving landscape.



At the end of the program, **Prof. Priyanka Datta**, Coordinator – CILD, invited **Dr. Jay Singh** to deliver the **vote of thanks**. On behalf of the **GL Bajaj family** and organizing committee members of **CILD**, Prof. Singh conveyed his sincere thanks to all participants and the Chief Guest **Prof. T.G. Sitharam**, as well as to everyone who contributed directly or indirectly to make the program a success.





Report

on

Faculty Development Program

Transformative Teaching: Leveraging Technology and Reflective Strategies to Achieve Learning Outcomes

June 3rd, 2024

Organized by IQAC with CILD, GLBITM, Greater Noida

Duration: 3rd June – 28th June 2024

Venue: GL Bajaj Institute of Technology and Management

Organized by: IQAC in collaboration with CILD, GL Bajaj ITM

Objective:

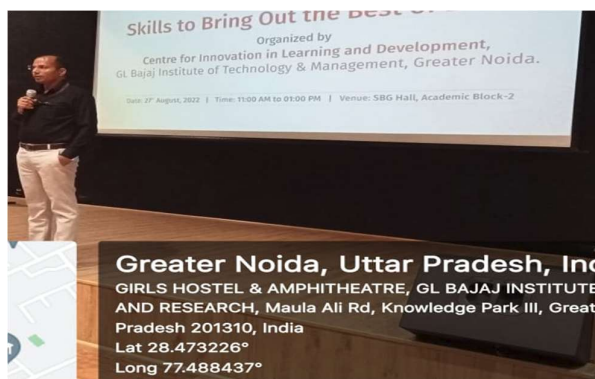
- To enhance faculty competencies in integrating technology into pedagogical practices for improved student engagement and achievement of learning outcomes.
- To promote reflective teaching strategies that encourage continuous self-evaluation and professional growth among educators.
- To align teaching methodologies with the TLFQ (Teaching-Learning Framework for Quality) for ensuring learner-centered, outcome-based education.
- To foster collaborative learning environments through the use of digital tools and peer feedback mechanisms.
- To develop measurable action plans for implementing transformative teaching practices within specific disciplinary or institutional contexts.

In alignment with the feedback received through the Teacher Learning Feedback Questionnaire (TLFQ), the the Internal Quality Assurance Cell (IQAC) and Centre for Innovation in Learning and Development (CILD) of G. L. Bajaj Institute of Technology and Management, Greater Noida, jointly organized a comprehensive 4-week Faculty Development Program (FDP) titled “Transformative Teaching: Leveraging Technology and Reflective Strategies to Achieve Learning Outcomes” from 3rd June to 28th June 2024. This initiative was designed to respond meaningfully to the insights gained through TLFQ analysis, focusing on areas requiring enhancement such as pedagogical innovation, curriculum delivery, outcome alignment, and the adoption of technology-enhanced learning.



The FDP aimed to equip faculty members with contemporary teaching strategies, effective assessment methods, and practical approaches to integrate educational technologies. Structured around critical themes including student engagement, curriculum alignment, reflective practice, outcome-based education (OBE), and continuous self-improvement, the program facilitated a forward-looking transformation in teaching and learning methodologies.

Each session was meticulously designed to be interactive, reflective, and practice-oriented. Participants were engaged in hands-on activities, collaborative learning, group discussions, and micro-teaching demonstrations that encouraged experiential learning. Expert faculty members and institutional mentors served as facilitators, offering valuable insights into aligning course objectives with program outcomes, designing learner-centric instruction, and leveraging tools like Learning Management Systems (LMS), blended learning models, and AI-enabled teaching aids.





Report

on

Industrial Visit to Uno Minda Limited, Greater Noida

July 3, 2024

**Organized by the Department of Mechanical Engineering in association with CILD, GLBITM,
Greater Noida**

The Department of Mechanical Engineering, G L Bajaj Institute of Technology and Management, Greater Noida, organized an Industrial visit to Uno Minda Limited, Manesar, Gurgaon, Haryana-122004.

All the Students and Faculty members had reached the venue on 03rd July 2024 by the GLBITM Traveller bus at before 11:50 a.m. After reaching the venue, all students were given a brief presentation on the present and future scenario by the HRM Personnel of the industry in the conference room. They also briefed about the schedule plan of the industrial visit followed by the safety first and DOJO Board concept used by the industry. Students were given the yellow cap and biodegradable plastics for the shoes before starting visiting the working environment. Students were divided into two groups to the visit Manufacturing Unit, Sub-Assembly unit, Quality inspection unit and finished goods inventory Units. Students got an insight into the real working environment of manufacturing unit and Inventory unit of Uno Minda Limited. In every unit, Safety and Quality are the two aspects of the company were highlighted followed by the best practices like 5S, TPM for the standardization and maintaining the two in Harmony.





Report

on

Industrial visit to Deloitte

July 12, 2024

Organized by the Department of Artificial Intelligence and Machine Learning (AIML) in
association with CILD, GLBITM, Greater Noida

Jitin Bansal's insights enriched our journey, equipping us with practical knowledge and a deeper understanding of the professional world.

Students were welcomed by the Deloitte India team and received an overview of the day's agenda. The visit began with an introductory presentation about Deloitte's history, values, and global presence.

Team Building Sessions: Beyond passive observation, we actively engaged in team-building activities. Collaborating with students from diverse backgrounds emphasized the importance of teamwork, effective communication, and creative problem-solving. These skills are vital for success in any professional setting.

Naval Gupta, professional at Deloitte, shared invaluable insights on crafting a standout resume. We learned that a well-structured resume is not just a document—it's a reflection of our skills, experiences, and aspirations. The session on business etiquette was equally enlightening. From the art of a firm handshake to mastering email communication, we absorbed the finer points of professional conduct. Deloitte's workplace culture is a blend of excellence, diversity, and integrity. We had the privilege of understanding their core values firsthand. Open workspaces, collaborative spirit, and emphasis on employee well-being left a lasting impression.





Report

on

Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session

July 22, 2024

Organized by the Department of Electrical & Electronics Engineering Department (EEE) in
association with CILD, GLBITM, Greater Noida

Department of Electrical and Electronics Engineering, GLBITM organized a Session on " Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session” dated 22/07/2024 (09:30 am to 2:30 pm). The speaker of the event was Dr. Purnendu Shekhar Pandey, GM, GLBCRI, GLBITM. The objective of the event is to provide valuable insights through boot camps or mentoring sessions, aimed at accelerating startup growth, validating business ideas, and fostering innovative approaches to product development.

Expert discussed about Master Lean Startup Principles, How to build effective MVPs, how to Validate Market Ideas, Optimize Resources, Hands-On Prototyping, Understand IPR to students in order to improve their entrepreneurial skills, improve their product development strategies, and navigate the complexities of starting and growing a business. Some students discussed about startups with the expert. The session was very interactive.





Report

On

4th Anniversary of National Education Policy (NEP) 2020

July 29, 2024

Organized by the Institution's Innovation Council (IIC) in association with CILD, GLBITM,
Greater Noida

Dr. S. P. Mishra's session focused on the significance of integrating diverse educational methods and fostering collaborative learning environments. In his insightful session, Dr. S. P. Mishra emphasized the critical role of blending various educational approaches and the power of collaborative learning in the evolving landscape of education. He articulated that traditional teaching methods, while valuable, need to be integrated with modern, technology-driven pedagogies to meet the diverse needs of today's learners. This blending is essential for creating an education system that is not only inclusive but also adaptable to rapid changes in society and technology.

Dr. Mishra highlighted the importance of collaborative learning, which encourages students to engage with peers, share ideas, and work together to solve problems. This approach fosters critical thinking, enhances creativity, and prepares students for real-world challenges where teamwork and communication are crucial. He stressed that a collaborative learning environment also helps in breaking down social barriers, promoting inclusivity, and developing a sense of community among learners.





Report

on

Investor Mock Pitch: Simulating Investor Presentations

July 30, 2024

Organized by the Department of Mechanical Engineering in association with CILD, GLBITM,
Greater Noida

The Investor Mock Pitch was a crucial event that simulated the experience of pitching to investors. The primary objective was to prepare participants for real-world investor presentations by providing a realistic and supportive environment for practice and feedback. Participants presented their business ideas to a panel of mock investors, who simulated the questions and scrutiny typically encountered during actual investor meetings. The presentation included a detailed explanation of the business model, market opportunity, competitive advantage, financial projections, and funding requirements. Moreover, the event provided valuable feedback. Mock investors offered constructive criticism and suggestions, helping participants refine their presentations and address potential weaknesses in their business models. This iterative feedback process was crucial for improving pitch effectiveness. Additionally, the mock pitch boosted participants' confidence. Presenting in a simulated investor environment helped them overcome anxiety and develop the self-assurance needed for actual investor meetings. Furthermore, the event fostered networking opportunities. Participants interacted with experienced entrepreneurs and investors, building connections that could support their entrepreneurial journey.





Report

On

**Opportunities for Students & Faculties - Early-Stage Entrepreneurs: Right to Excellence in
Education and Entrepreneurship**

Aug 3, 2024

Jointly Organized by CILD & IQAC, GLBITM, Greater Noida

At GL Bajaj, we were honoured to welcome the extraordinary Srikanth Bolla and Vikrant Messey, true image of inspiration.

Shrikant, the Founder and CEO of Bollant Industries, shared his incredible journey of strength, determination, and leadership with our students. Despite being visually impaired, Shrikant overcame massive obstacles to achieve success, proving that no barrier is big if you have the will to succeed. Shrikant's words encouraged our students to hug their struggles, change them into strengths, and lead with purpose in their own lives.

"12th Fail" fame and one of the most incredible actors, Vikrant Massey swayed the audience at @GL Bajaj Educational Institute's "Right to Excellence in Education and Entrepreneurship" Education Summit 2024 held on 3rd August. The event was done in collaboration with the Times of India.

Vikrant Massey spoke about embracing your roots and being proud of your origins, which speaks volumes about a person. He was truly delighted to interact with the students and faculty at GL Bajaj.





Report

On

**Faculty Development Program on Pedagogies and Holistic development of learners – A Tour of
NEP 2020**

August 5, 2024

Organized by CILD, GLBITM, Greater Noida

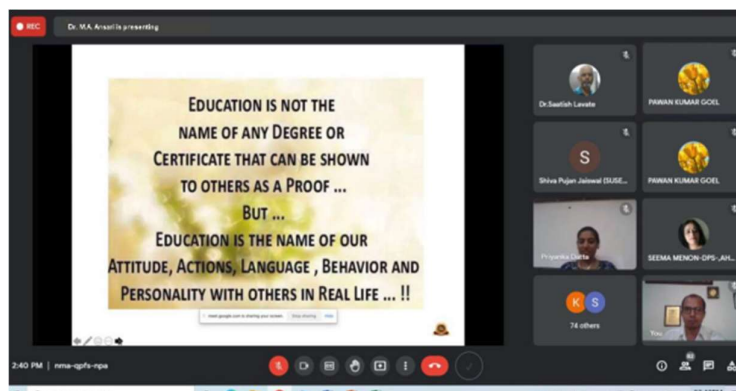
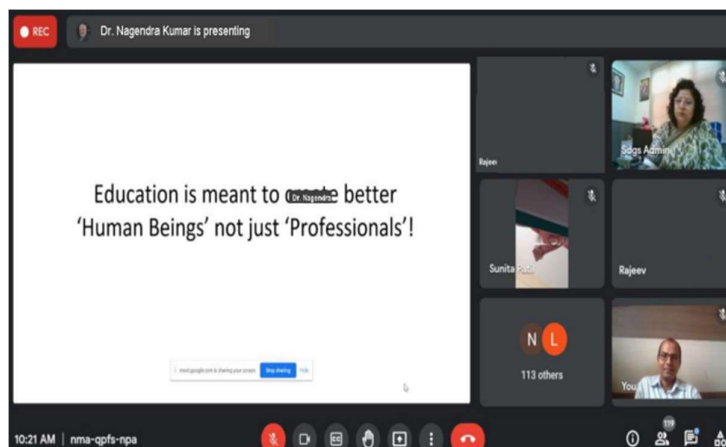
A one-week Faculty Development Program (FDP) titled "Pedagogies and Holistic Development of Learners – A Tour of NEP 2020" was successfully conducted from 29th July 2024 to 2nd Aug. 2024. The FDP aimed to acquaint faculty members with the key aspects of the National Education Policy (NEP) 2020, focusing on innovative pedagogies and strategies for the holistic development of learners. The program was jointly organized by Dept. EEE GL Bajaj ITM Gr. Noida and Department of Management Studies, Ballari Institute of Technology & Management Ballari Karnataka, with active participation from both organizations as well as from other institutes.

The FDP was structured over five days, with each day focusing on a different aspect of NEP 2020 and its implementation in higher education. The sessions included expert lectures, interactive workshops, and group discussions.

The FDP provided participants with valuable insights into the NEP 2020 and its transformative impact on higher education. Faculty members gained practical knowledge on:

- Adopting innovative pedagogies to enhance student engagement and learning outcomes.
- Implementing holistic approaches to foster the overall development of students.
- Designing assessments that are aligned with the goals of NEP 2020.

A good feedback received at the end of program. The organizing team extended the gratitude to all speakers, facilitators, and participants for their valuable contributions. This report summarizes the key aspects of the FDP and the valuable knowledge shared during the event. The insights gained will undoubtedly contribute to the improvement of education through implementation of innovative pedagogies.





Report

On

Mentoring Event: Demo Day of Start-Ups & Linkage with Experts for Mentorship Support

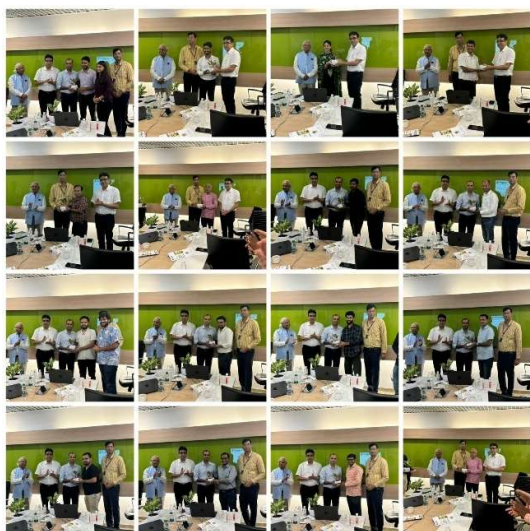
August 10, 2024

Organized by the Department of CSE-AIML/DS in association with CILD, GLBITM, Greater
Noida

The primary objective of the "Mentoring Event: Demo Day of Start-Ups & Linkage with Experts for Mentorship Support" was to provide start-ups with a platform to showcase their innovative solutions, connect with industry experts, and gain valuable feedback and mentorship to support their growth and development.

Various start-ups had the opportunity to present their products and services to an audience of industry experts, investors, and fellow entrepreneurs. Each pitch included a demonstration of their solutions, business models, and market potential. Panels consisting of industry veterans, successful entrepreneurs, and domain experts shared their experiences and insights on start-up growth, market trends, and best practices.

The "Mentoring Event: Demo Day of Start-Ups & Linkage with Experts for Mentorship Support" was a successful platform for showcasing innovative start-ups and facilitating valuable connections with industry experts. The event provided significant benefits in terms of exposure, expert feedback, mentorship, and networking, contributing to the growth and success of participating start-ups.





Report

On

**Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national
level**

August 10, 2024

Organized by Institution's Innovation Council (IIC) in collaboration with GLBCRI & CILD,
GLBITM, Greater Noida

The panel discussion brought together key players from the innovation and startup ecosystem at regional, state, and national levels, fostering an environment of collaboration and shared learning. Various startups, alongside ecosystem enablers, discussed the common challenges they face, including funding issues, market access, regulatory hurdles, and scaling difficulties. During the session, startups candidly shared their experiences and obstacles. This openness led to meaningful dialogue, with participants exchanging strategies and offering support. Notably, several startups identified overlapping challenges and decided to collaborate, pooling their resources and expertise to tackle these issues more effectively. For instance, a tech startup specializing in AI joined forces with a logistics startup to streamline supply chain operations, showcasing the power of collaboration within the ecosystem.





Report

On

Knowledge/Experience sharing workshop on Activity based Learning-2024

August 14, 2024

Organized by CILD, GLBITM, Greater Noida

Activity-based learning is the process of learning by performing tasks or activities. Activity-based learning motivates students to participate in their own learning experience via practical activities such as independent investigation and problem-solving. Hence, Centre for Innovation in Learning and Development (CILD) and Internal Quality Assurance Cell (IQAC) jointly organized a workshop on “Knowledge/experience sharing on Activity based Learning” dated 13th Aug. 2024. Purpose of the workshop is to share the knowledge/experience of our professors among all faculty members of the institute. Workshop was started with the event introduction by Mrs. Priyanka Datta, coordinator - Centre for Innovation in Learning and Development, and formal welcome to institute Director – Prof. (Dr.) Manas Kumar Mishra by presenting him a sapling through Dr. Jay Singh (Head-CILD). Anchor invited the key resource person Prof. Manas Kumar Mishra to share his experience among participants and faculty members present in the hall. Prof. Mishra shared a detailed about activity based learning through multiple examples what he basically follow in his class while teaching. It was a very interacting and informative session. He explained how to engage students in the class and motivated faculty members to make eye contact with students during the lecture. He emphasizes on activity based learning as well as on effective communication.





Report

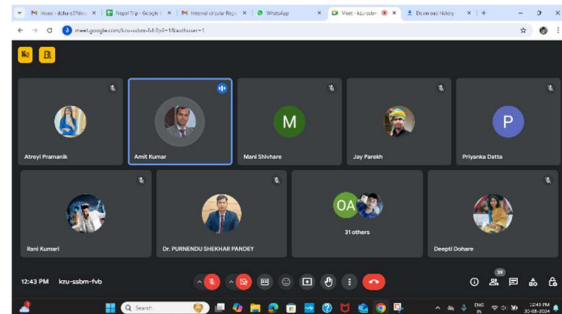
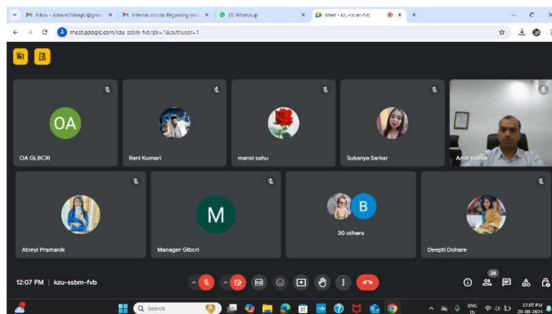
On

Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs

August 20, 2024

Organized by the Institution's Innovation Council (IIC) in association with CILD, GLBITM,
Greater Noida

The session on "Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs," led by Mr. Amit Kumar from WellBook Management Pvt. Ltd., offered invaluable insights into the world of startup funding. Mr. Kumar, an experienced investor and financial strategist, focused on educating entrepreneurs about the various avenues for securing capital to fuel their startup's growth. He began by explaining the differences between angel investors and venture capitalists, highlighting how each type of funding can benefit startups at different stages. Mr. Kumar emphasized the importance of having a solid business plan, a clear value proposition, and a well-prepared pitch to attract investors. He provided practical tips on how to identify potential investors, approach them, and negotiate favorable terms. The session also covered the key factors that investors consider when evaluating startups, such as market potential, scalability, and the strength of the founding team. Mr. Kumar shared real-world examples of startups that successfully secured funding, illustrating the strategies they employed and the challenges they overcame.





Report

On

Intra-Institutional Start-up Competition

August 21, 2024

Organized by the Institution's Innovation Council (IIC) in association with CILD, GLBITM,
Greater Noida

The Start-up Competition provided a dynamic platform for student entrepreneurs to pitch their innovative business ideas and plans. The event aimed to cultivate an entrepreneurial mindset within the institution by encouraging students to present their ventures, receive valuable feedback, and connect with like-minded peers and potential mentors. The competition began with each startup delivering a concise pitch, outlining their business concept, market potential, revenue model, and growth strategy. The diverse range of ideas presented, from tech innovations to sustainable products, showcased the creativity and ambition of the participants. A panel of judges, comprising experienced entrepreneurs and industry experts, evaluated the pitches based on criteria such as innovation, feasibility, scalability, and presentation. Beyond the competitive aspect, the event served as a learning experience for all involved. Participants received constructive feedback on their business models, which they could use to refine their ideas further. Additionally, the competition provided an opportunity for networking, with students connecting with mentors, potential collaborators, and even investors interested in supporting promising ventures.





Report

On

World Entrepreneurs Day

August 21, 2024

Organized by the Institution's Innovation Council (IIC) in association with CILD, GLBITM,
Greater Noida

The celebration of World Entrepreneurs Day featured a motivational session led by Dr. P. S. Pandey, aimed at inspiring both budding and current entrepreneurs along with an interactive session with the startups. The event was designed to recognize the contributions of entrepreneurs and to ignite the passion for innovation and business growth among participants. Dr. P. S. Pandey, an accomplished mentor, began the session by sharing few examples, highlighting the challenges faced and the strategies employed to overcome them. The stories resonated with the audience, particularly with those at the early stages of their entrepreneurial endeavors. He emphasized the importance of resilience, adaptability, and continuous learning in navigating the ups and downs of the entrepreneurial path.

Dr. Pandey also discussed the evolving landscape of entrepreneurship, encouraging participants to embrace change and leverage new technologies to stay ahead. He provided practical advice on identifying opportunities, building a strong network, and maintaining a customer-centric approach.





Report

On

Internal Hackathon Smart India Hackathon-2024

September 6, 2024

**Organized by the Department of Computer Science and Engineering in association with CILD,
GLBITM, Greater Noida**

Smart India Hackathon 2024 is a nationwide initiative to provide a platform to solve some of the pressing problems we face in our daily lives. From all over the Country the teams are going to be nominated to participate in this event. In this respect, Department of Computer Science & Engineering and Computer Science & Engineering Artificial Intelligence G.L. Bajaj Institute of Technology and Management, Greater Noida, U.P. has organised Internal Hackathon for Smart India Hackathon on 06 September, 2024 in an OFFLINE mode.

In the Initial round the initially submitted ideas will be thoroughly screened and scrutinized and total 52 teams from various departments of the institute were selected for Internal Hackathon. SPOC of the institute explained the necessary details and provided the information regarding Registration process , team formation rules, Idea ppt template, and mentors selection and submission timelines.





Report

On

**Exposure and Field Visits for Problem Identification: Aligning with UN SDGs and Exploring
Emerging Areas of Technologies**

September 13, 2024

Organized by the Department of Mechanical Engineering in association with CILD, GLBITM
Greater Noida

The Department of Mechanical Engineering, G L Bajaj Institute of Technology and Management, Greater Noida, organized an Industrial visit to Resistoflex, Noida, UP-201301.

All the Students and Faculty members had reached the venue on 13th September 2024 by the GLBITM College bus at corporate office before 11:00 a.m. After reaching the venue, all students interacted with the personnel involved in the industrial visit and had a photo session at the ground floor. Students were followed to the first floor where a brief presentation on the History and core product development of the industry in present and future scenario presented by the Mr. Abhishek Shukla, Design Analyst, Design Department, Resistoflex Pvt. Ltd. in the conference room at the first floor of the office. They also briefed about the vibration, shock & Noise control concept used by the industry for countering seismic waves generated during earthquake calamity. Students were divided into two groups to visit components manufactured at Noida Plants and its applications of seismic base isolation and restraint systems applied at various floor of the corporate office. Students got on hand experience into the real working environment prototype of seismic vibration unit.





Report

on

From Idea to Impact - Motivational Session by Successful Entrepreneur/Start-up founder

September 17, 2024

Organized by the Department of Management Studies in association with CILD, GLBITM,
Greater Noida

The Department of Management, in collaboration with the Institute's Innovation Council, organized a motivational session titled *"From Idea to Impact"* on September 17th, 2024. The session featured the inspiring journey of a successful entrepreneur, Mr. Aditya Soni, the founder of *Ethereal IT Solutions*, a leading digital marketing organization.

The speaker shared his journey from conceptualizing a business idea to creating a thriving start-up. He detailed the challenges faced, such as securing funding, assembling a competent team, and navigating competitive markets. Practical examples of leveraging digital marketing strategies to achieve measurable impacts were discussed.

Students were particularly inspired by the speaker's emphasis on resilience, adaptability, and continuous learning. The interactive Q&A session provided deeper insights into the entrepreneurial mindset and strategies for turning ideas into impactful ventures.

Overall, the event was a resounding success, equipping students with motivation, practical tips, and an enhanced understanding of the entrepreneurial ecosystem.





Report

on

5 Days Youth Talent Exhibition

September 25-29, 2024

Organized by CILD, GLBITM, Greater Noida

Centre for Innovation in Learning and Development, Dept. of Electrical and Electronics Engineering and IEEE Student Branch G.L. Bajaj ITM Gr. Noida has organized 5 Days outreach activity to interact with youth, society & technological world in an international forum, i.e., U.P. International Trade Show, India Expo Centre and Mart, Greater Noida (25-29, Sept. 2024). A huge no. of IEEE volunteers have participated & learnt a lot from this activity. The 5 Days activity was scheduled on the different theme as below Day-1 Theme: Agriculture & Rural Development, Day-2 Theme: Cyber Security & Women Safety, Day-3 Theme: Environment & Sustainability, Day-4 Theme: Health-Related Social Issues Day-5 Theme: Grand Finale and Award Ceremony





Report

on

Innovation Day Celebration- Innovative Project Idea Presentation

October 15, 2024

Organized by the Department of Management Studies in association with CILD, GLBITM,
Greater Noida

On the occasion of *Innovation Day*, GLBCRI in association of the Department of Management Studies organized an event titled '*Innovative Project Idea Presentation*', where students had the opportunity to present their innovative project ideas to a panel of distinguished leaders from various industries as well as innovation ambassadors. The event, held on Oct, 15th, 2024, was aimed at nurturing a culture of creativity and innovation in the institute by providing students with a platform to develop and showcase their entrepreneurial ideas.

The event began with an inaugural address by Prof. Manas Kumar Mishra, director, GLBITM, who emphasized the importance of innovation in today's rapidly evolving world and how such initiatives can empower students to contribute meaningfully to society. Over 56 students participated, presenting projects ranging from AI-driven solutions for healthcare to IoT-based smart city applications, addressing various sectors such as technology, sustainability, and social impact.





Report

on

**Idea Showcase: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with
Innovation Ambassadors/Experts for Mentorship Support**

October 16, 2024

Jointly Organized by CILD & IQAC, G L Bajaj Institute of Technology & Management
(GLBITM), Greater Noida

The Idea Showcase event aimed to provide a platform for students from various branches to present their ideas and innovative projects, bridging the gap between academic learning and practical application. The event also facilitated mentorship and guidance by connecting participants with Innovation Ambassadors and experts who evaluated their projects, providing valuable feedback for refinement and development. It turned out to be an inspiring day marked by ingenuity, collaboration, and growth. The central attraction of the event was the showcase itself, where students from diverse disciplines displayed their ideas and projects. These ranged from tech-driven solutions like AI-based healthcare diagnostics and IoT-enabled smart agriculture systems to sustainability-focused initiatives like biodegradable packaging materials and renewable energy models. Each project was presented as part of a demo, exhibition, or poster, allowing the audience and evaluators to engage interactively with the ideas.





Report

on

National Entrepreneurship Day

November 9, 2024

Organized by the Department of Computer Science and Engineering (Data Science) in
association with CILD, GLBITM, Greater Noida

The National Entrepreneurship Day event was organized by the Department of Computer Science and Engineering (Data Science) to celebrate and promote entrepreneurship, recognize entrepreneurs' contributions, and inspire individuals to innovate and create impact full businesses. The event began with an inspiring welcome address by Dr. Mayank Singh, emphasizing entrepreneurship's impact on the economy. Ms. Deepti Dohare delivered a keynote on innovation and resilience in building successful businesses.

The event served as a platform for knowledge sharing, networking, and skill development to support aspiring and established entrepreneurs.

Key Takeaways:

- Enhanced awareness of entrepreneurship's importance and available resources.
- Skill acquisition in business planning, funding, and scaling.
- Inspiration from success stories to innovate and persevere.
- Networking opportunities leading to potential collaborations and mentorship.
- Increased interest in government programs and funding opportunities for startups.

The National Entrepreneurship Day celebration successfully achieved its objectives, leaving participants motivated and better equipped to pursue their entrepreneurial aspirations. It underscored the importance of fostering an entrepreneurial culture for sustainable economic growth.





Report

on

**Youthpreneurs of Tomorrow seminar series Empowering the Future: Entrepreneurial Education
and Digital Ventures as Catalyst for Social Progress**

November 9, 2024

Organized by the Department of Business Studies in association with CILD, GLBITM,
Greater Noida

The Department of Management Studies, G.L Bajaj Institute of Technologies organised an ICSSR sponsored Seminar on-"Empowering the Future: Entrepreneurial Education and Digital Ventures as Catalyst for Social Progress. The seminar is part of an ICSSR Vision Viksit Bharat@2047 category A project on the theme-Capacity Building and Entrepreneurship Development for Youth, Sub-Theme-*Effectiveness of Entrepreneurial Education in Fostering Youth Entrepreneurship Skills and Mindset*. The area of research for the project is - *Digital Entrepreneurship and Social Entrepreneurship for Youth Ventures and sustainable economic empowerment*.

The seminar aims to explore the role of entrepreneurial education and digital ventures in driving social progress and empowering the future. By focusing on equipping young minds with the skills and knowledge needed to succeed in the digital economy, this event seeks to highlight how innovation and entrepreneurship can address societal challenges and contribute to the vision of a prosperous and self-reliant India by 2047.





Report

on

National Education Day Celebration

November 11, 2024

Organized by the Department of Electronics & Communication Engineering in association with
CILD, GLBITM, Greater Noida

Department of Electronics & Communication Engineering, GL Bajaj Institute of Technology and Management, Greater Noida in collaboration with Institution' Innovation Council (IIC) GLBITM celebrated "National Education Day" on 11th November, 2024

National Education Day is celebrated in India every year on November 11 to commemorate the birth anniversary of Maulana Abul Kalam Azad, the first Education Minister of independent India. The day honors his contributions to shaping the nation's education system and promoting the importance of knowledge and learning. Schools, colleges, and institutions across the country organize seminars, essay competitions, and debates to highlight the significance of education in national development. The celebration also emphasizes the need for inclusive and equitable education to empower every citizen, reflecting Maulana Azad's vision for a progressive India.

The keynote speaker was Dr. Prateek Agarwal, Professor, Bundelkhand University, Jhansi. He briefed the audience about the journey and contribution of Maulana Abul Kalam Azad. He stated that Maulana Azad was a firm believer in inclusive education, urging that every child, regardless of gender, caste, or religion, has a right to learn and grow. Azad ji once said, "Education imparted by heart can bring revolution in the society." These words remind us of the transformative power of education in shaping not just individuals but the future of an entire nation.





Report

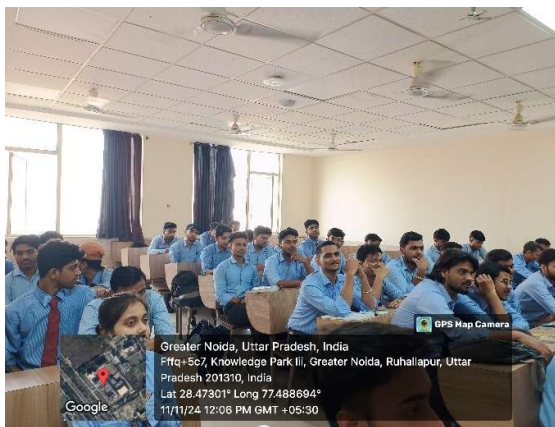
On

Alumni Interactive Session on scope of entrepreneurship

November 11, 2024

**Organized by the Department of Mechanical Engineering in association with CILD,
GLBITM, Greater Noida**

An engaging alumni interactive talk on “How to Get into the Entrepreneurship Ecosystem after Engineering” was conducted, inspiring aspiring engineers to transition into the startup world. The session featured an accomplished alumnus sharing experiences, challenges, and key strategies for building a successful entrepreneurial journey. Topics covered included identifying innovative ideas, navigating funding opportunities, networking, and leveraging technical skills to create impactful startups. The alumnus emphasized the importance of resilience, adaptability, and a problem-solving mindset in the entrepreneurial landscape. The interactive format allowed participants to ask questions and receive personalized advice on startup creation, scaling, and fostering sustainable business models. Attendees gained actionable insights into utilizing their engineering expertise to contribute meaningfully to the entrepreneurial ecosystem. The event concluded with an emphasis on fostering innovation, collaboration, and a proactive approach to entrepreneurship, leaving participants motivated and equipped to embark on their entrepreneurial journeys.





Report

on

My Story - Motivational Session by Successful Innovators

November 12, 2024

Organized by the Department of Electrical and Electronics Engineering in association with
CILD, GLBITM, Greater Noida

The Department of Electrical and Electronics Engineering, GLBITM, organized an inspiring Motivational Session by Successful Innovators on 12th November 2024, from 10:30 AM to 12:30 PM.

During the session, Mr. Nikki Kumar Jha shared his journey, challenges, and success stories, inspiring attendees to embrace innovation and entrepreneurship. He emphasized the importance of protecting innovations through Intellectual Property Rights (IPR) and discussed strategies for addressing real-world problems using innovative solutions.

The event provided participants with insights into innovation, skill-building, and the critical role of IPR in entrepreneurial success. It motivated students and faculty to think creatively and pursue impactful ventures, fostering a culture of innovation within the institution.

The session concluded with an interactive Q&A, where Mr. Jha addressed queries and provided valuable guidance to aspiring innovators.





Report

on

Expert Lecture on Innovative Space Technology Application of AI and ML

November 12, 2024

Organized by the Department of Mechanical Engineering in association with CILD, GLBITM,
Greater Noida

Space Technology Application of AI and ML" provided a platform to delve into the transformative potential of Artificial Intelligence (AI) and Machine Learning (ML) in advancing space technology. It emphasized the importance of innovation, entrepreneurship, and intellectual property rights (IPR) in leveraging these technologies for space exploration and related domains. Experts and industry professionals shared insights into the application of AI and ML in satellite data processing, predictive analytics, and autonomous systems for spacecraft. The discussions highlighted how these technologies enhance mission efficiency, reduce operational risks, and unlock new possibilities in space research and exploration. Participants, including students, researchers, and entrepreneurs, engaged in interactive sessions on ideating AI/ML-based space technology solutions. The event also emphasized the importance of protecting these innovations through robust IPR strategies, ensuring creators' rights and fostering sustainable growth in the space-tech ecosystem. A hands-on workshop allowed attendees to explore AI/ML tools, enabling them to design models for satellite imagery analysis and space system optimization. Additionally, the event provided networking opportunities, encouraging collaboration between academia, industry, and startups to drive advancements in space technology.





Report

on

Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs

November 27, 2024

Organized by the Institution's Innovation Council (IIC) in association with CILD, GLBITM,
Greater Noida

A session on "Basics of Intellectual Property Rights (IPR) and Its Importance for Innovators and Entrepreneurs" was conducted at GLBITM, led by Dr. P.S. Pandey, IPR In-charge and General Manager of GLBCRI. The event began with an introduction by Ms. Deepti Dohare, who emphasized the importance of IPR in protecting innovations and fostering entrepreneurship. She highlighted how intellectual property serves as a crucial tool for innovators to safeguard and commercialize their ideas.

Dr. Pandey took over the session, providing a clear overview of intellectual property types, including patents, copyrights, trademarks, and industrial designs. He explained how IPR offers legal protection and creates growth opportunities for startups and businesses. Using real-world examples, he demonstrated how IP protection has helped many innovators achieve commercial success. Dr. Pandey also broke down the process of filing IP applications, detailing the steps such as prior art searches and drafting, which helped demystify the often-complex procedures.



GPS Map Camera
Greater Noida, Uttar Pradesh, India
2, Knowledge Park Iii, Greater Noida, Ruhallapur,
Uttar Pradesh 201310, India
Lat 28.472704° Long 77.488993°
27/11/24 03:46 PM GMT +05:30



Report

on

Entrepreneurship and Innovation as Career Opportunity

November 27, 2024

Organized by the Department of Computer Science and Engineering in association with CILD,
GLBITM, Greater Noida

This “Entrepreneurship and Innovation as Career Opportunity” event was organized by Shrinik Club, Department of Computer Science and Engineering, to inspire students to explore the vast opportunities in entrepreneurship and innovation. The primary goal of the event was to encourage students to think creatively, develop entrepreneurial skills, and understand the importance of innovation in building successful careers. It also provided students with the confidence to present their ideas effectively in front of an audience and experts. We were honoured to have Mr. Abhishek Agarwal, CEO & Director of Mali Kaka Pvt. Ltd., as the Chief Guest for the day. His insights and experiences offered invaluable guidance and motivation to all the participants.





Report

on

‘Kaizen’ - An engine for continuous improvement in Intellectual Property Management

November 27, 2024

Organized by the Department of Management Studies in association with CILD, GLBITM,
Greater Noida

On November 27, 2024, the Department of Management Studies' HR Club, *Synergy*, organized an engaging online session titled ‘Kaizen: An Engine for Continuous Improvement in Intellectual Property (IP) Management’ for management students. The session focused on integrating Kaizen principles into IP management to enhance innovation and organizational efficiency. In the current innovation-driven economy, managing intellectual property effectively is crucial for sustaining competitive advantages. The Kaizen philosophy, emphasizing incremental and continuous improvement, offers an effective approach for optimizing IP strategies. It enables organizations to streamline processes, improve compliance, and adapt to the dynamic nature of IP laws, thereby fostering a culture of innovation and collaboration.

The session began with an overview of Kaizen principles, followed by their application to IP management. The speaker shared practical strategies for improving IP documentation, enhancing patent quality, and reducing processing timelines. Case studies demonstrated Kaizen's tangible benefits, such as cost savings and improved innovation tracking in global firms. An interactive Q&A segment allowed students to explore real-world applications of Kaizen in IP management. Discussions on aligning Kaizen with organizational innovation strategies were particularly insightful.





Report

on

Visit to GL Bajaj ITM Electric sub-station for problem identification

November 28, 2024

Organized by the Department of Electrical & Electronics Engineering Department (EEE) in
association with CILD, GLBITM, Greater Noida

The college electric substation is an integral part of the campus infrastructure, ensuring the receipt of electrical power from the grid and its distribution to various buildings and facilities within the premises. The visit was organized to provide students with an in-depth understanding of substation equipment, operational procedures, and safety measures. A faculty member and instructor facilitated the session, introducing students to the substation's components, purpose, and significance in the power distribution process.

Key points discussed and observations made during the visit include:

- **Identification and Explanation of Major Components:** Students were introduced to essential components such as transformers, circuit breakers, switches, and meters, along with their respective roles in the substation.
- **Functioning of Each Component:** Detailed discussions were held on how each component contributes to the power distribution process.
- **Safety Protocols and Measures:** Emphasis was placed on the importance of adhering to safety protocols and the measures implemented to ensure a safe working environment.
- **Demonstration of Safety Equipment:** Students observed the safety gear and equipment used by substation personnel to mitigate risks.
- **Visit to the Control Room:** The control room visit provided insights into the processes of monitoring and managing power flow within the substation.
- **Monitoring Devices and Systems:** An overview of control panels, monitoring devices, and the SCADA (Supervisory Control and Data Acquisition) system was provided.
- **Transformer Functions and Maintenance:** The role of transformers in the substation and their maintenance procedures were explained comprehensively.

This visit offered students a valuable opportunity to bridge theoretical knowledge with practical applications, fostering a deeper understanding of electrical power systems.



GL BAJAJ
Institute of Technology & Management

[Approved by AICTE, Govt. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
**Centre for Innovation in Learning and Development
& Internal Quality Assurance Cell**





Report

on

Pollution Control Day Celebration

December 2, 2024

Organized by the Department of Master of Computer Applications in association with CILD,
GLBITM, Greater Noida

Department of MCA in association with IIC, GL Bajaj Institute of technology and management, Celebrates Pollution Control Day on 2nd December 2024. Spreading awareness about pollution control was the objective of this one-day drive.

Students of MCA spread the awareness about how to control pollution. They raised slogan on the roadside and distributed the pamphlets also. 50 students with 4 faculty members coordinate in this event.





Report

on

One-Day Workshop on Virtual Lab

December 3, 2024

Organized by CILD, GLBITM, Greater Noida

The Virtual Labs project is an initiative of the Ministry of Education under the national mission on education through ICT. This project is a consortium activity of twelve participating institutes, i.e., IIT Delhi, DEI Agra, IIT Bombay, etc. For the first time, such an initiative has been taken-up in remote- experimentation. Under the Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web-enabled experiments were designed for remote-operation and viewing. Virtual Labs do not require any additional infrastructural setup for conducting experiments at user premises. The simulations-based experiments can be accessed remotely via the internet.





Report

on

One-Day Workshop on Innovations in Virtual Labs

December 3, 2024

Organized by the Department of Electrical and Electronics Engineering in association with
CILD, GLBITM, Greater Noida

The Virtual Labs project is an initiative of the Ministry of Education under the national mission on education through ICT. This project is a consortium activity of twelve participating institutes, i.e., IIT Delhi, DEI Agra, IIT Bombay, etc. For the first time, such an initiative has been taken-up in remote experimentation.

Under the Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web-enabled experiments were designed for remote-operation and viewing. Virtual Labs do not require any additional infrastructural setup for conducting experiments at user premises. The simulations-based experiments can be accessed remotely via the internet.

In this regard, Centre for Innovation in Learning and Development in association with Electrical and Electronics Engineering Department has organized a workshop on Virtual Lab dated 3rd Dec 2024. A total 72 participants interacted with the resource person Dr. Rajeev Kumar Chauhan, Project Coordinator (Control Lab), Dayalbagh Educational Institute (Deemed University), Agra. GL Bajaj Institute of Technology and Management Greater Noida is the Nodal Centre with the participating institute IIT Delhi and is with initiative of the Ministry of Education.





Report

on

Seminar on "How to set up the startups and importance"

December 6, 2024

Organized by the Department of Electrical and Electronics Engineering in association with
CILD, GLBITM, Greater Noida

On 6th December 2024, GL Bajaj Center for Research and Incubation organized a seminar titled "Setting Up Startups and Financial Supports for Startups" for Electrical Engineering students at GL Bajaj Institute of Technology and Management. The event, in collaboration with the Department of Electrical and Electronics Engineering, provided valuable insights on the process of setting up startups, exploring financial support options, and the importance of innovation and intellectual property rights. Students actively participated in discussions, gaining knowledge about the challenges and opportunities in the startup ecosystem, and how they can leverage financial resources to bring their ideas to life.





Report

on

Revive & Thrive: Inter Institutional Innovation Competition and Reward the Best Innovations and Deposition in the Institution's YUKTI Innovation Repository

December 11-13, 2024

Jointly Organized by the Institution's Innovation Council (IIC) & CILD,
GLBITM, Greater Noida

The "Revive and Thrive" competition was successfully held on 13th December 2024 at GLBITM, witnessing remarkable participation and showcasing extraordinary talent. Judges: The esteemed panel included Dr. S.P. Mishra, Dr. Arvind Nath Singh, Dr. Nivedita Singh, and Mr. Nitish Kumar, who evaluated the innovative strategies presented by the participants. Participation: A total of 40 teams enthusiastically participated, presenting their well-researched and creative revival plans for defunct companies. Winners: Winner: Team ITBiz was awarded the top position for their exceptional strategy and presentation.

Runner-Up: Team Influenzio secured the second position for their innovative approach and feasibility analysis.

The awards were presented by Dr. P.S. Pandey, General Manager of GLBCRI, and other judges acknowledging the winners' hard work and creativity.

The event was proudly sponsored by Digimoga, a promising startup incubated at GLBCRI, reflecting the institution's commitment to fostering entrepreneurship and innovation.

The event was coordinated by Ms. Deepti Dohare, Convener-Institution's Innovation Council (IIC) along with the student members.





Report

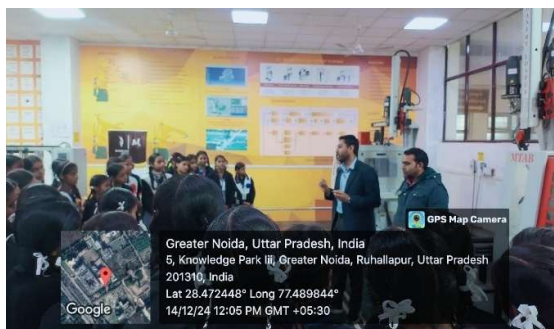
on

**Organizing Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal
Tinkering Labs and School Innovation Council (SIC)**

December 14, 2024

Organized by the Department of Mechanical Engineering in association with CILD, GLBITM,
Greater Noida

The Innovation and Entrepreneurship Outreach Program, organized in collaboration with active Atal Tinkering Labs and School Innovation Councils, successfully cultivated a spirit of creativity and innovation among school students. Through interactive workshops, brainstorming sessions, and mentorship opportunities, participants gained practical exposure to the fundamentals of entrepreneurship and innovation. The program placed a strong emphasis on intellectual property rights (IPR), educating students on the importance of protecting their innovative ideas and understanding patenting processes. The program featured expert-led discussions, prototype-building activities, and group collaborations that encouraged students to identify local challenges and devise innovative solutions. By engaging ATL's advanced resources and SIC's structured approach to innovation, students were equipped with the necessary skills to conceptualize and execute impactful projects. The outreach initiative also promoted peer-to-peer learning and networking, creating a supportive environment for young innovators. Overall, the program played a pivotal role in nurturing future entrepreneurs and innovators by fostering a mindset geared toward creativity, problem-solving, and responsible innovation.





Report

on

Energy Conservation and Efficiency: Expert Insights on National Energy Conservation Day

December 14, 2024

Organized by the Department of Management Studies in association with CILD, GLBITM,
Greater Noida

The expert talk session was conducted on National Energy Conservation Day and lasted for six hours. The event featured two distinguished speakers, Mr. Lalit Garg, DGP- CEO office in Adani- Green Hydrogen and derivatives business, India - an energy policy expert, and Prof. Arvind Nath Sinha, a subject expert and consultant, who shared their knowledge and experiences on energy conservation and sustainable practices.

Mr. Garg elaborated on the role of policy frameworks in energy conservation and highlighted successful global and national initiatives. He also discussed renewable energy sources and their role in sustainable development.

Prof Sinha focused on corporate sustainability strategies, energy-efficient business models, and the integration of green technology in industries. He also provided real-world case studies of companies successfully implementing energy conservation measures and circular economy. hands-on activity session was conducted, where participants worked on case scenarios to develop energy-efficient solutions.

The experts engaged in an interactive discussion with participants, addressing their queries and providing practical suggestions.



GL BAJAJ
Institute of Technology & Management

[Approved by AICTE, Govt. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
**Centre for Innovation in Learning and Development
& Internal Quality Assurance Cell**





Report

on

Industrial Visit to Jai Ambey Gas Cylinder Private Ltd

December 14, 2024

Organized by the Department of Mechanical Engineering & Electrical Engineering in association
with CILD, GLBITM, Greater Noida

On 13th December, 2024, a group of students from the Mechanical Engineering and Electrical & Electronics Engineering departments of G L Bajaj Institute of Technology and Management embarked on an industrial visit to Jai Ambey Gas Cylinder Private Ltd. located in Site 4, Surajpur, Greater Noida. This visit was held in collaboration with the Bureau of Indian Standards (BIS) to provide students with a practical insight into the production processes and quality control measures involved in the manufacturing of LPG cylinders. The mentors for the students were Mr. Akash Deep (Asst. Prof, Mechanical Department) and Mr. Rahul Singh (Asst. Prof, EEE Department), who guided the students throughout the visit and encouraged inquiries to deepen the students' understanding of industrial practices. The visit provided detailed insights into the various stages of LPG cylinder production.

The industrial visit was instrumental in bridging the gap between theoretical knowledge and practical applications for the students. The insights into the rigorous processes involved in producing LPG cylinders highlighted the importance of quality and safety in manufacturing. Students gained a deeper appreciation for engineering principles and the role they play in industrial settings.





Report

on

Innovation Showcase: theme- Sustainability and Global Green

December 16-17, 2024

Organized by the Department of Management Studies in association with CILD, GLBITM,
Greater Noida

The Department of Management Studies, GLBITM with its entrepreneurship club 'Srijin', organized a 10-hour Innovation Showcase spread over two days on the theme "Sustainability and Global Green". The event focused on poster presentations of student innovations and business ideas, followed by mentorship sessions with Innovation Ambassadors and industry experts to guide students in refining and implementing their ideas.

The event commenced with an inaugural session, where faculty members and invited experts emphasized the importance of energy conservation and green innovations in shaping a sustainable future.

10 selected teams displayed their poster presentations, showcasing business models on renewable energy startups, circular economy solutions, AI-driven energy conservation, sustainable packaging, and eco-friendly business innovations.

The judging panel, comprising Innovation Ambassadors, IIC Cell Convenors, and industry experts, assessed the ideas based on innovativeness, feasibility, sustainability impact, and scalability.

Experts interacted with students, providing constructive feedback on their innovations, business viability, and technical improvements to enhance their ideas.

The second day focused on mentorship and networking, where students engaged in one-on-one and group mentorship sessions with the expert panel.

Industry professionals and Innovation Ambassadors provided guidance on areas such as funding opportunities, prototype development, commercialization strategies, and market feasibility.

Selected projects were recommended for further research collaboration, ensuring continued support beyond the event.

The event concluded with a certificate distribution ceremony, where outstanding innovations were recognized for their creativity, impact, and implementation potential.



GL BAJAJ
Institute of Technology & Management

[Approved by AICTE, Govt. of India & Affiliated to Dr. APJ
Abdul Kalam Technical University, Lucknow, U.P. India]
**Centre for Innovation in Learning and Development
& Internal Quality Assurance Cell**

