

GARGI MEMORIAL INSTITUTE OF TECHNOLOGY



Newsletter 2023

Events & Activities

Electrical Engineering

Celebrated "National Start-up Day - 2023"



The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 16th January 2023, to celebrate the auspicious occasion of "National Start-up Day - 2023".

Prime Minister Sri. Narendra Modi has declared 16th January as 'National Start-up Day'. The theme of National Start-up Day - 2023 is "Founders of Today, Leaders of Tomorrow".

In this program, the honorable guest Ms. Jeena Dey, Director, Navonis Automation and Renewable Power Solutions Pvt. Ltd., Kolkata, West Bengal, India., delivered a speech on "Your Journey as a Young Entrepreneur". It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.

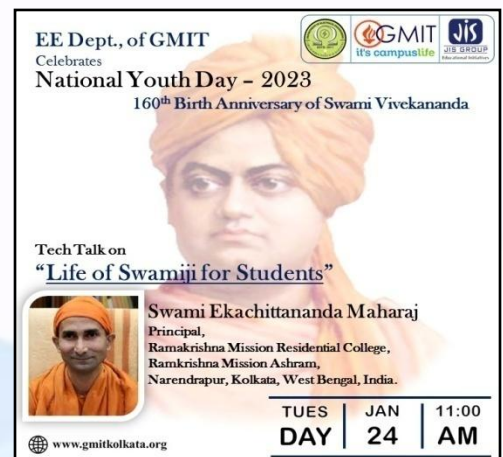


Celebrated "National Youth Day - 2023"

The Department of Electrical Engineering, GMIT has successfully organized a Webinar on 24th January 2023, on the topic of "Life of Swamiji for Students", to celebrate the auspicious occasion of "National Youth Day - 2023", the 160th birth anniversary of Swami Vivekananda.

The theme of national youth day 2023 is 'Viksit Yuva Viksit Bharat'.

In this program, honorable speaker Swami Ekachittananda Maharaj, Principal, Ramakrishna Mission Residential College, Ramakrishna Mission Ashram, Narendrapur, Kolkata, West Bengal, India., delivered an informative speech on the life of Swamiji. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.



Research paper publication - 3rd year student of Electrical Engineering



The Research paper of Ms. Trishita Misra, the 3rd year student of Electrical Engineering Department, Gargi Memorial Institute of Technology has been published in International Conference on "Energy Systems, Drives, Power Electronics, Measurement and Sensors (ESDPEMS - 2023)" as a Conference Paper.

The title of this paper (Paper Id: ESDPEMS_115) is "Design and Estimation of a Solar Based Office Building".

One Week FDP organized by EE Dept.

The Department of Electrical Engineering, GMIT has successfully conducted the one week virtual Faculty Development Programme on “Research Opportunities in AI, ML & IoT in the Field of Electrical Engineering”, collaborating with IEEE - SPS, Kolkata Section.

The program started with a virtual lamp lighting and followed by the Inaugural speech of Dr. Dulal Manna, Convener (FDP). Dr. Somnath Maiti, Principal, GMIT said a few words about the theme of the FDP and Dr. Debangshu Dey, Chairman, SPS-IEEE Kolkata Section, given the KeyNote speech of the FDP in this session. The total session was coordinated by Prof. Arnab Ganguly, Organizing Secretary (FDP).



In Day – 1, Technical Session – 1, the speaker was Dr. Sandip Chanda, Professor, Electrical Engineering Department, GKCET, Malda. Dr. Chanda has given the talk on the topic of “Application of AI for Optimal Techno-Economic Operation of Smart Power System Networks”

In Day – 1, Technical Session – 2, the speaker was Dr. Debashis Chatterjee, Professor, Electrical Engineering Department, Jadavpur University. Dr. Chatterjee has given the talk on the topic of “IoT based Load Monitoring in a Smart Residential System”.

On Day – 2, Technical Session – 1, the speaker was Dr. Amitava Chatterjee, Professor, Electrical Engineering Department, Jadavpur University. Dr. Chatterjee has given the talk on the topic of “Computer Vision Based Autonomous Navigation of Mobile Robots”



On Day – 2, Technical Session – 2, the speaker was Dr. Dhruva Kumar, Professor, Electrical Engineering Department, National Institute of Technology, Patna. Dr. Kumar has given the talk on the topic of “Application of Classification Algorithms in Islanding Detection”.

On Day – 3, Technical Session – 1, the speaker was Dr. Amal Barman, Professor, Electrical Engineering Department, IEST, Shibpur. Dr. Barman has given the talk on the topic of “Application of IoT in Arduino & Raspberry Pi”

On Day – 3, Technical Session – 2, the speaker was Dr. Nirmalya Ghosh, Professor, Electrical Engineering Department, IIT, Kharagpur. Dr. Ghosh has given the talk on the topic of “Machine Learning Pros, Cons and a Warning: A Case Study in Medical Image Analysis”.

On Day – 4, Technical Session – 1, the speaker was Dr. Anjan Kumar Ray, Professor, Electrical & Electronics Engineering Department, NIT, Sikkim. Dr. Ray has given the talk on the topic of “Design of a State Feedback Controller: From Pole Placement to Intelligent Control”.

On Day – 4, Technical Session – 2, the speaker was Dr. Amarjit Roy, Professor, Electrical Engineering Department, GKCET, Malda. Dr. Roy has given the talk on the topic of “Implementation of Machine Learning in Image Processing”.

On Day – 5, Technical Session – 1, the speaker was Dr. Palash Kundu, Professor, Electrical Engineering Department, Jadavpur University. Dr. Kundu has given the talk on the topic of “Cloud Computing for IoT Applications”

On Day – 5, Technical Session – 2, the speaker was Dr. Abhinandan De, Professor, Electrical Engineering Department, IEST, Shibpur. Dr. De has given the talk on the topic of “Decision Tree Based Pattern Classification and its Applications”.

The program ended with a vote of thanks speech by Prof. Amartya Roy, Teacher – In – Charge, Electrical Engineering Department, Gargi memorial Institute of Technology.

Around 100 participants from various national & international organizations were present virtually and all the technical sessions have concluded with a Q/A session.

Hope entire discussion will be insightful for the faculties and researchers for their future research work.

“International Mother Language Day – 2023”



The Department of Electrical Engineering, GMIT has successfully celebrated the occasion of “International Mother Language Day – 2023” and “Language Martyrs' Day - 2023” on 21st February 2023, Tuesday.

The program started with observing one minute of silence in memory of the Martyrs of Language movement. After that, the Electrical Engineering Department organized an Intra-Departmental Debate Program. Two teams, one for motion and another against the motion contested the event.

The Judges of the program were Dr. Dulal Manna, Coordinator, IQAC, GMIT, and Prof. Srijan Banerjee, O.I.C, Exam, GMIT. Finally, after an interesting and thoroughly interactive session, the team, speaking for the motion of the topic emerged as the winner. All the Students of the EE department and the faculty and staff members were present in the program and enjoyed it a lot.

Winner Team:

Subrata Paul (Student, EE 3rd Year)

Debabrata Das Baidya (Student, EE 3rd Year)

Sourav Guchait (Student, EE 3rd Year)

National Science Day – 2023

Department of Electrical Engineering, GMIT has successfully celebrated the occasion of “National Science Day – 2023” on 1st March 2023, Wednesday.

National Science Day is celebrated in India on February 28 each year to mark the discovery of the Raman Effect by Indian physicist Sir C. V. Raman on 28 February 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930.

The Electrical Engineering Department organized a Workshop on “LaTeX for Beginners”.

The instructor of the program was Dr. Joyanta Kumar Majhi, Asst. Prof., BS&H Dept. GMIT and Prof. Dr. Safddam Molla, Asst. Prof., BS&H Dept., GMIT. After the workshop there was a competition. All the Students of the EE department and the faculty and staff members were present in the program and enjoyed it a lot.

Winner of the Competition:

Ayan Kumar Giri (Student, EE 3rd Year)

Abhijoy Nandi (Student, EE 3rd Year)



International Engineers' Day - 2023



The Department of Electrical Engineering, GMIT has successfully celebrated the occasion of “International Engineers' Day - 2023” on 20th March 2023, Monday.

The Electrical Engineering Department organized a Workshop on “Advance Excel for Beginners”.

The instructor of the program was Prof. Srijan Banerjee, Asst. Prof., EE Dept. GMIT and Prof. Amartya Roy, Asst. Prof. & TIC, EE Dept., GMIT. All the 1st year students of the EE department and the faculty and staff members were present in the program and enjoyed it a lot.

National Safety Day – 2023

The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Awareness Talk & Hands – on – Workshop on Proper usages of Fire Extinguisher on 21st March 2023, to celebrate the auspicious occasion of “52nd National Safety Day – 2023”.

The Theme of 52nd National Safety Day – 2023 is “Our Aim – Zero Harm”.

In this program, the honorable speaker Mr. Suman Kar, Faculty, Srimati Techno Institute delivered a speech on the “Fire Safety at Workplace”. Mr. Rup Kumar Goswami, Faculty, Srimati Techno Institute, showed how to use a fire extinguisher.



World Water Day – 2023



The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 27th March 2023, to celebrate the auspicious occasion of “World Water Day – 2023”.

World Water Day 2023 will focus on accelerating change to solve the water and sanitation crisis.

In this program, honorable speaker Dr. Santanu Das, Professor and Ex-Head of the Mechanical Engineering Department, Kalyani Government Engineering College, West Bengal, delivered a speech on “Rain Water Harvesting: Its Use and Installation”. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.

International Pi & Mathematics Day – 2023

The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 13th April 2023, to celebrate the auspicious occasion of “International Pi & Mathematics Day – 2023”.

The theme of the program was “75th Anniversary of Invention of Transistor”.

In this program, honorable speaker Dr. Salil Kumar Sanyal, Ex-Professor and Ex-Head of the Electronics & Telecommunication Engineering Department, Jadavpur University, West Bengal, and Ex-Chairman, IEEE Kolkata Section, delivered a speech on the “Transistor: Evolution to Revolution”. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.



Technical Webinar in Hybrid Mode on “Electric Vehicle: The Automotive Revolution



The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar (No.: 49) in Hybrid Mode on “Electric Vehicle: The Automotive Revolution” on 18th April 2023.

In this program, the honorable speaker, Dr. Sukanta Halder, Assistant Professor, Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, India. Conducted an informative and interactive session on EV. Students, who attended, hope it was an insightful session for everyone.

Industry Visit

The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has organized an Industry Visit for the 3rd year EE students in the “Instrument Transformer Manufacturing Unit” in association with LMAG, IEEE Kolkata Chapter, and joint Collaboration with BMC Electroplast Pvt. Ltd. Kolkata - 104 on 22nd April 2023.

BMC's Instrument Transformers are being used in the Power Systems at the FIFA Qatar World Cup - 2022. They are the only Indian OEM to have received such an approval.

Students gathered knowledge about the basics of CT, PT, and Circuit Breaker. Respected members of BMC were present to guide them regarding the workshop visit. Students also gained knowledge regarding instrument transformer teasing. Overall it was a nice experience for the students.



Technical Webinar on “Present Job opportunities as a Lighting Engineer after B.Tech in EE”



The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar (No.: 50) on “Present Job opportunities as a Lighting Engineer after B.Tech in Electrical Engineering” on 24th April 2023.

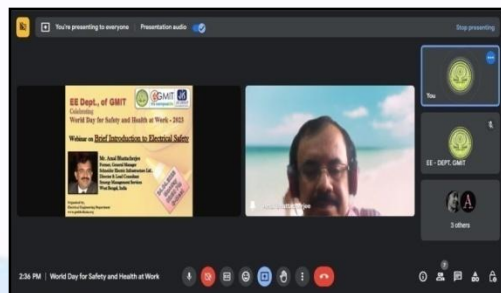
In this program, the honorable speaker, Mr. Ankit Ghosh, Dy. Manager, Design and Business Development (East), Surya Roshni Limited, India. Conducted an informative and interactive session on Lighting Design and its present Job opportunities. Students, who attended, hope it was an insightful session for everyone.

Tech Talk on Health & Safety at Workplace

The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on Health & Safety at Workplace on 24th April 2023, to celebrate the auspicious occasion of “World Day for Safety and Health at Work – 2023”.

The Theme of World Day for Safety and Health at Work – 2023 is “A safe and healthy working environment as a fundamental principle and right at work”.

In this program, the honorable speaker Mr. Amal Bhattacharjee, Former, General Manager, Schneider Electric Infrastructure Ltd., Director & Lead Consultant, Synergy Management Services, West Bengal, India, delivered a speech on the “Brief Introduction to Electrical Safety”.



World Intellectual Property Day



The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized an Awareness Programme on IPR on 26th April 2023, to celebrate the auspicious occasion of “World Intellectual Property Day – 2023”.

The Theme of 2023 World Intellectual Property Day is “Women and IP: Accelerating innovation and creativity”.

In this program, the honorable speaker Dr. Abhishek Sachan, Examiner of Patents & Designs, Kolkata, DPIIT, Ministry of Commerce and Industry, Govt. of India, delivered a speech on the “The Role of Intellectual Property Rights (IPR) in the Engineering Sector”.

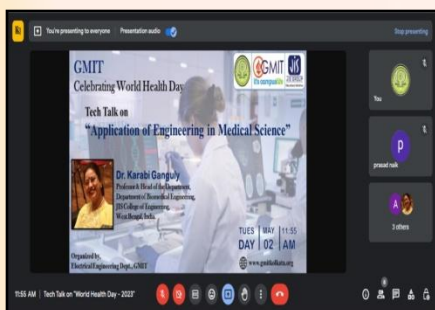
ALUMNI-TALK

The Department of Electrical Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an “ALUMNI-TALK (No.: 14)” program on 01st May 2023.

In this program, our Alumni Mr. Kshaunish Kayal, a student of the 2016 pass-out batch of the Electrical Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as a Deputy Manager (R&D Cell) in Hind Rectifiers Limited, has shared a Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session.



World Health Day -2023



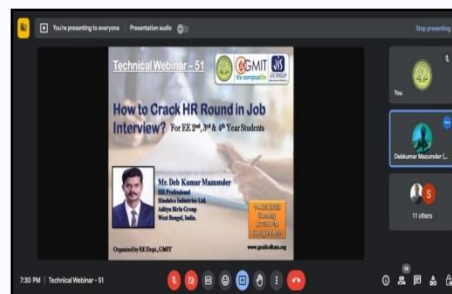
The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 02nd May 2023, to celebrate the auspicious occasion of “World Health Day – 2023”.

In this program, the honorable speaker Dr. Karabi Ganguly, Professor & Head of the Department, Department of Biomedical Engineering, JIS College of Engineering, West Bengal, India, delivered a speech on the “Application of Engineering in Medical Science”.

Webinar on “How to Crack HR Round in Job Interview?”

The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar (No.: 51) on “How to Crack HR Round in Job Interview?” on 14th May 2023.

In this program, the honorable speaker, Mr. Deb Kumar Mazumder, HR Professional, Hindalco Industries Ltd., Aditya Birla Group, West Bengal, India. Conducted an informative and interactive session on Interview Preparation for Fresher. Students, who attended, hope it was an insightful session for everyone.



Industry Visit



The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has organized an Industry Visit for the 2nd year EE students in the “Electronics Circuit & Panel Manufacturing Unit” joint Collaboration with Amakan Induction Pvt. Ltd., Kolkata - 104 on 18th May 2023.

Students gathered knowledge about PCB Assembling and Furnace Control Panel. Respected members of Amakan were present to guide them regarding the workshop visit.

Students also gained knowledge regarding PCB teasing & Soldering. Overall it was a nice experience for the students.

Technical Webinar on “Application of IoT in Power System”

The Department of Electrical Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar (No.: 52) on “Application of IoT in Power System” on 20th May 2023.

In this program, the honorable speaker, Dr. Sajjan Kumar, Assistant Professor, Department of Electrical Engineering, SSN College of Engineering, Tamil Nadu, India. Conducted an informative and interactive session on IoT and its application in Modern Power System. Students, who attended, hope it was an insightful session for everyone.



World Nature Conservation Day – 2023



The Department of Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized the Intra-Departmental Tree Plantation Drive on 28th July 2023, to celebrate the auspicious occasion of “World Nature Conservation Day – 2023”. The theme of World Nature Conservation Day 2023 is "Forests and Livelihoods: Sustaining People and Planet".

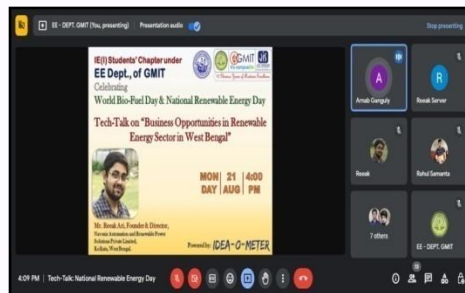


National Renewable Energy Day & “World Biofuel Day”

The IE(I) Students Chapter of the Department under Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 21st August 2023, to celebrate the auspicious occasion of “National Renewable Energy Day” & “World Biofuel Day”.

In this program, the honorable speaker Mr. Reeak Ari, Founder & Director, Navonis Automation and Renewable Power Solutions Pvt. Ltd., West Bengal, India, delivered a speech on the “Business Opportunity in Renewable Energy Sector in West Bengal”.

It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.



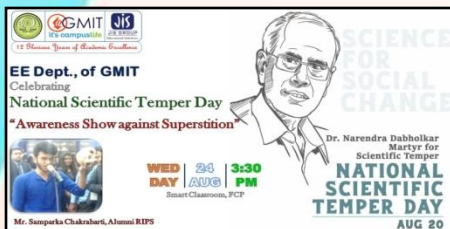
World Entrepreneurs’ Day - 2023



The IE(I) Students Chapter of the Department under Electrical Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Tech Talk on 22nd August 2023, to celebrate the auspicious occasion of “World Entrepreneurs’ Day”. The Theme of World Entrepreneurship Day 2023: “Igniting innovative solutions for a better and brighter future.”

In this program, the honorable speaker Ms. Jeenia Dey, Founder, Navonis Automation and Renewable Power Solutions Pvt. Ltd., West Bengal, India, delivered a speech on “My Journey: Engineer to Entrepreneur”. It was a thoroughly interactive session. Students, who attended, hope it was an insightful session for everyone.

2023 World Entrepreneurs' Day – 2023



The Department of Electrical Engineering, GMIT has successfully celebrated the “National Scientific Temper Day-2023” on 24th August 2023.

All India People's Science Network (AIPSN) gave a nationwide call to observe 20th August, the day of the assassination of Dr. Narendra Dabholkar, as National Scientific Temper Day (NSTD) to propagate scientific temperament and to stop unprecedented attacks on SCIENCE, SCIENTIFIC TEMPER, and RESEARCH in India. The theme of the program was 'Awareness Show against Superstition'

In this program, the Electrical Engineering Department has organized an Awareness Show against superstition by Mr. Samparka Chakrabarti, an Alumni of RIPS. Students, who attended, hope it was an insightful session for - everyone.

Technical Webinar on “Application of Machine Learning (ML) in Field of Electrical Engineering



The Department of Computer Science and Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an “ALUMNI-TALK” program on 26th August 2023.

In this program, our Alumni Mr. Suvrakanta Saha, a student of the 2022 pass-out batch of the Computer Science & Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as an Associate Consultant in Bavis Tech Pvt. Ltd., has shared a Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session.

Computer Science and Engineering

Workshop on Object Oriented Programming using Python



The Department of Computer Science and Engineering (CSE) has successfully organized an online workshop on Object Oriented Programming using Python for the 2nd year CSE and ECE students of GMIT College. The workshop was conducted by Mrs. Priyanka Banerjee and Mr. Akash Mehta, Assistant Professor of The Bhawanipur Education Society College. The two-day workshop was held on 5th and 6th April 2023 and aimed to provide hands-on experience and practical knowledge of Object Oriented Programming using Python.

The participants learned about the basics of Python programming language, its data types, control structures, and classes. They also gained an understanding of the concepts of inheritance, encapsulation, and polymorphism in Python.

The workshop was conducted in online mode. The workshop was a great success, and we received positive feedback from the participants. More than 90 students and faculty members of CSE participated in the workshop.

Alumni Talk

The Department of Computer Science and Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an "ALUMNI-TALK" program on 26th August 2023.

In this program, our Alumni Mr. Suvrakanta Saha, a student of the 2022 pass-out batch of the Computer Science & Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as an Associate Consultant in Bavis Tech Pvt. Ltd., has shared a Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session.



Technical Webinar on "Hadoop File System in Big Data"

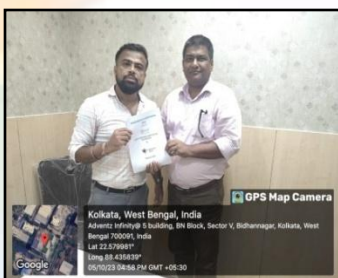


The Department of CSE and CSBS of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar on "Hadoop File System in Big Data" on 12th September 2023.

In this program, the honorable speaker, Mr. Dipra Mitra, Assistant Professor, Computer Science & Engineering Department, Amity University, Jharkhand. Conducted an informative and interactive session on Big Data and its application in Hadoop File Systems. Students, who attended, hope it was an insightful session for everyone.



Execution of MOU Signed between the Department of Computer Science and Engineering & Department of Computer Science & Business System of GMIT and Weavers Web Solutions Private Limited.



The Department of Computer Science and Engineering and the Department of Computer Science and Business Systems of Gargi Memorial Institute of Technology have signed an MoU with Weavers Web Solutions Private Limited.

Mr. Tarun Roy, Founder- Weavers Web Solutions Private Limited acted as the signatory for the firm whereas Mr. Satrajit Das, Senior Assistant Professor - CSE -GMIT acted as the signatory for Gargi Memorial Institute of Technology. The MoU was signed as per the policy.

The MoU was signed to strengthen the Industry and Academia bonding. It will provide opportunities for the students to enhance technical skills and internship programs as per the current demand of the industry, to carry out industry-oriented projects, research and development work, internship, training, seminars, and workshops on Emerging technologies.

Civil Engineering

Industry Visit



The Department of Civil Engineering of Gargi Memorial Institute of Technology (GMIT) has successfully organized an Industrial Visit on 20th March 2023.

In this visit, our students visited the site of AMBRUS CONSTRUCTION at Chetla, Kolkata-27. The work of Kolkata Municipal Corporation named "Construction of Training Centre (G+IV) Storied Under NULM AT 22, Sabjibagan Lane In Ward 82" is in progress there. It was a thoroughly interactive session. Students, who attended, hoped it was an insightful session for everyone.

Electronics & Communication Engineering

Industry Visit

The Department of Electronics & Communication Engineering, GMIT has organized an Industry Visit for the 2nd year students (2021 - 2025 Batch) in a clinical Engineering workshop of the Biomedical Engineering Department of R&N Tagore hospital, Mukundapur on 18th January 2023.

Students gathered knowledge about the core section of what kind of medical instruments are used in hospital, their functionality, what type of sterilization processes are used in hospital and their workflow, the functionality of boilers, and many more.



Alumni Talk



The Department of Electronics & Communication Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an "ALUMNI-TALK" program on 2nd Feb 2023.

In this program, our Alumni Mr. Suvankar Jana, a student of the 2017 pass-out batch of the Electronics & Communication Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as a Sr. Engineer, in "Birla Cable Limited (MP Birla Group)", has shared his Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session. He also guides them about how to prepare for the campus on core electronics jobs.

National Science Day 2023

The Department of Electronics & Communication Engineering of GMIT celebrated National Science Day on February 28, 2023, with daylong activities on Science with the 2nd year & 3rd year students of GMIT.

The whole program was divided into 2 parts. 1) Technical Quiz 2) Extempore

More than 40 Students participated in these events and the whole program was executed very well.

For the quiz, there were 2 groups from the 2nd year and 3rd year, and at the end of the technical quiz two highest scorers from each group were felicitated with medals along with certificates.

For extempore, the students explained their thoughts very clearly and instantly on the following topic which was really appreciable.

1. The Changing Landscape of Education
2. Will the development of artificial intelligence harm or benefit humankind?
3. Does technology influence our intellectual potential?
4. AI vs. human intelligence: who will be the winner?
5. Emerging technologies: harm or benefit to our future?
6. Online vs. on-the-spot education: which one is better?
7. Are Android devices better than Apple?



Workshop on "Career Opportunities in AI & ML Sector"



The Department of Electronics & Communication engineering of GMIT has organized a Workshop on "Career Opportunities in AI & ML Sector" on 28th February 2023 from 12:30 pm onwards in association with Praxis Business School, Kolkata.



In this Program the honorable speaker was Prof. Koushik Sarkar, Head, Placement, Praxis Business School. Our honorable speaker highlighted how AI & ML are evolving in every sector of our life & how to become a data scientist, what the key features needed to become a data scientist & how career opportunities are increasing in these fields.

The session was very much interactive and 65 students participated in this workshop.

A small token of honor-Memento was presented by the Institute to the Guests of honour.

The workshop ended successfully with a vote of thanks.

Idea presentation on water conservation and published E-Magazine

The Department of Electronics & Communication Engineering of GMIT organized an event idea presentation on water conservation on 27th March 2023. Our 2nd year ECE students participated in this event and shared their views on this topic and discussed different ideas regarding water conservation. Also, 2nd year students have published an E- magazine related on that.

Link of the E-MAGAZINE:

<https://online.fliphtml5.com/zviju/xtnn/>



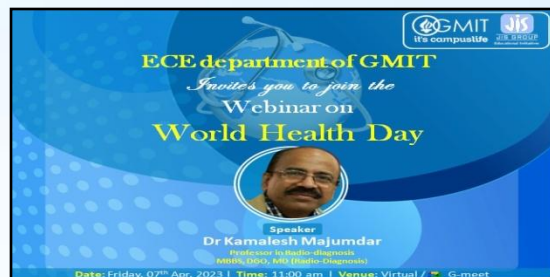
Webinar on Photonic Integrated Circuits



The Department of Electronics & Communication Engineering of GMIT organized a webinar on "photonic integrated circuits" online on 27th March 2023. The speaker was Prof. (Dr.) Mrinal Sen, Associate Professor in the Department of Electronics Engineering, Indian Institute of Technology (ISM) Dhanbad. He discussed the advanced technology in the electronics field. Students were very much interested in this topic and at the end, there was an interactive session where students discussed different points in research areas.

"World Health Day" 2023

The Department of Electronics & Communication Engineering of GMIT organized a webinar on "World Health Day" 2023 dated 7th April, 2023 in online mode. Renowned Person Dr Kamallesh Majumder, professor in radio diagnosis, MBBS, DGO, MD(Radio- Diagnosis) was the speaker of this event. He suggested us what to do to protect ourself from heat in daily life.



ALUMNI-TALK



The Department of Electronics & Communication Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an "ALUMNI-TALK" program on 25th April 2023.

In this program, our Alumni Amrita Debnath, a student of the 2022 pass-out batch of the Electronics & Communication Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as a Software Developer, in "Bassetti Ites Private Limited", has shared her Job

Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session. She also guides them about how to prepare for the campusing of software jobs.

ALUMNI-TALK

The Department of Electronics & Communication Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an "ALUMNI-TALK" program on 22nd July 2023.

In this program, our Alumni Mr. Polyon Mondal, a student of the 2022 pass-out batch of the Electronics & Communication Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as a Developer in Bassetti ITes Pvt. Ltd., has shared a Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session.



ALUMNI-TALK



The Department of Electronics & Communication Engineering and Alumni Committee, Gargi Memorial Institute of Technology (GMIT) has organized an "ALUMNI-TALK" program on 12th August 2023.

In this program, our Alumni Mr. Soumya Biswas, a student of the 2022 pass-out batch of the Electronics & Communication Engineering Department, Gargi Memorial Institute of Technology (GMIT) and presently working as a Software Developer in Delostyle Studio Pvt. Ltd., has shared a Job Responsibility, Company's Expectation, to his juniors in a thoroughly interactive session.

Industry visit

The Department of Electronics & Communication Engineering, GMIT has organized an Industry Visit at Technocon Services Pvt. Ltd. on 18th August, 2023. Total 21 students from ECE 2nd year along with two faculty members, Mr. Ashis De and Mr. Barun Mazumdar were present as Institute representatives. Students gained the exclusive opportunity to gain knowledge on different telecom equipment like RF antenna, Optical fiber cable and Power supply for BTS installation. They also gained a brief knowledge of 4G and 5G. Overall, this visit improved their knowledge of telecom services which will help them in their studies as well as placement preparation.



Technical Webinar on “Harnessing the Intelligence of IoT to Connect the World”



The Department of Electronics & Communication Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar on “Harnessing the Intelligence of IoT to Connect the World” on 30th August 2023.

In this program, the honorable speaker, Dr. Chinmoy Ghorai, Assistant Professor, Department of Electronics & Telecommunication Engineering, Jadavpur University, Kolkata-32, West Bengal, India conducted an informative and interactive session on IoT and its application. Students, who attended, hope it was an insightful session for everyone.

Industry visit Industry Visit arranged by ECE department @MSME TOOLROOM KOLKATA

The Electronics & Communication Engineering Department of Gargi Memorial Institute of Technology arranged an Industry Visit on 30th August 2023 for 2nd Year students at MSME Tool Room, Kolkata.

Objectives of Industry Visit for the Technical Students are as follows:-

- A) To provide Technical Students an insight regarding the internal working process of all machinery, Newly set up SAMSUNG Lab, Hardware-Networking Lab, Robotics lab of the core Industry.
- B) Industrial Visit provides a flavor of Real-Time Practical industry to the Students.
- C) Technology Development is the Key Factor, about which the Students should have good Knowledge and understanding.
- D) After visiting an Industry the Students can gain a combination of both Theory & Practical Knowledge & these are helpful to get a JOB in the core sector.

Around 20 students from the ECE Department attended the visit. Entire arrangements were coordinated by Prof. Bipasha Chakrabarti Banik (Assistant Professor & TIC), and Prof. Sampa Das (Assistant Professor).



Technical Webinar on “RECENT TRENDS IN INDUSTRY” in association with CDAC



The Department of Electronics & Communication Engineering, Gargi Memorial Institute of Technology (GMIT) has successfully organized a Technical Webinar on “RECENT TRENDS IN INDUSTRY” in association with CDAC on 31st August 2023.

In this program, the honorable speaker, Mr. Ashok Bandyopadhyay, from CDAC Conducted an informative and interactive session on this topic. Students, who attended, hope it was an insightful session for everyone.

Industry Visit

The Department of Electronics & Communication Engineering, GMIT has organized an Industry Visit at JIO Data Center, Salt Lake on 29th September, 2023. Total 26 students from ECE 3rd year along with two faculty members, Mr. Ashis De and Mr. Biplab Ghosh were present as Institute representatives. Students gained the exclusive opportunity to gain knowledge on JIO telecom network overview, RJIL-LTE registration, LTE & VoLTE network architectures.

They also gained a brief knowledge of 4G and 5G. Overall, this visit improved their knowledge of telecom services which will help them in their studies as well as placement preparation.



Industry Visit



The Electronics & Communication Engineering Department of Gargi Memorial Institute of Technology arranged the prestigious Industry Visit on 20th September 2023 for 3rd Year students at DRDO, CMSDS LAB.

Objectives of Industry Visit for the Technical Students are as follows:-

A) DRDO is the R&D wing of the Ministry of Defence, Govt of India, with a vision to empower India with cutting-edge defence technologies and a mission to achieve self-reliance in critical defence technologies and systems, while equipping our armed forces with state-of-the-art weapon systems and equipment in accordance with requirements laid down by the three Services.

B) The Centre for Millimeter Wave Semiconductor Devices & Systems i.e. CMSDS Lab gave detailed ideas to the students about what they are working on & How.

C) Students were given a 1 hour detailed lecture session about the device they are developing in this lab including the step by step fabrication process along with whole visualization.

Total 15 students from the ECE Department attended. Entire arrangements were coordinated by Prof. Bipasha Chakrabarti Banik (Assistant Professor & TIC), Prof. Sampa Das (Assistant Professor) & Biplab Ghosh (Technical Assistant, ECE).

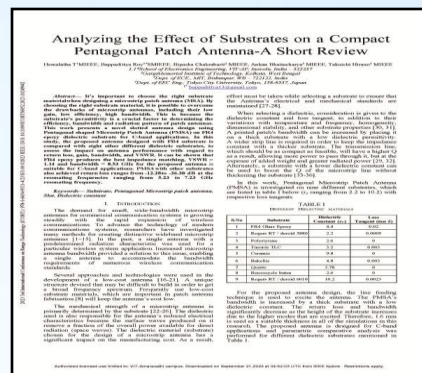
6TH Research paper publication at IEEE Digital Library by Mrs. Bipasha Chakrabarti Banik

Mrs. Bipasha Chakrabarti Banik, Assistant Professor & TIC of ECE Department, Gargi Memorial Institute of Technology has published her 6th Research paper in IEEE Digital Library on 21st September 2023.

The title of this paper is "Analyzing the Effect of Substrates on a Compact Pentagonal Patch Antenna-A Short Review".

Here is the link for your reference.

<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&number=10249042>



Mechanical Engineering

Webinar on 'Quality Checking In Instrument Manufacturing'

The Department of Mechanical Engineering, GMIT has organized a webinar on Quality Checking In Instrument Manufacturing on 26th February 2023.

Mr. Souvik Maity, Quality Engineer of VIAT Instruments Pvt. Ltd. (Unit - 1) who is also an alumni of the Mechanical Engineering department was key spoke-persons of the said webinar.

More than 20 students joined during the interactive session and asked some thought-provoking questions. He briefly highlighted the expertise he acquired while working as a quality engineer in that field. The teachings he imparted to the students from his trials and experiences were beneficial. Also, they gained knowledge of the procedures involved in quality assurance and the application of quality control instruments. Overall, being a part of the session was amazing.



Industry Visit in association with ISHRAE Kolkata Chapter



The Department of Mechanical Engineering, GMIT has organized an Industry Visit in association with ISHRAE Kolkata Chapter at Kavi Subhash Metro Station (Kavi Subhas - Airport Line) on 4th March 2023. Only 4 students were selected for this industry visit as directed. MR. Soumyodeep Mukherjee, TIC of ME Dept and Mr. Hiranmoy Samnata, Assistant Professor, ME Dept & ISHARE Member were present as Institute representatives.



Students gained the exclusive opportunity to take a look at the newly built metro project. The program considered the two-hour Practical session. The Practical Session contains the visit of the metro electrical control room and fire safety system shown by the authorized person. Students gathered knowledge on HVAC systems designed for the metro station which help them for further studies.

Industry Visit in association with The Institute of Indian Foundrymen (IIF) - Kolkata Chapter

The Department of Mechanical Engineering, GMIT has organized an Industry Visit in association with The Institute of Indian Foundrymen (IIF) - Kolkata Chapter on 13th March 2023 at Braithwaite & Co. Limited (BCL) owned by the Government of India and under the administrative control of the Ministry of Railways.

Students gathered knowledge about railway wagons, cranes, and other engineering services. Students also gained knowledge of all mechanical processes that they have studied in the classroom and departmental lab. Overall it was a nice experience for the students. Respected members of the IIF Kolkata Chapter were present to guide them regarding the plant visit. Mr. Somnath Mitra, Assistant Prof of Mechanical Engg Dept was present as a student coordinator for the Industry Visit.



World Earth Day



The Mechanical Engineering Department of GMIT celebrated Earth Day on 25th April 2023. Earth Day is a globally recognized event celebrated annually on April 22nd to demonstrate support for environmental protection.

The Mechanical Engineering Department of GMIT took this opportunity to raise awareness among their students and faculty members about the importance of sustainable practices. On 25th April we celebrated Earth Day with a tree plantation drive and promote the importance of waste reduction and recycling. The students used old car tires to plant trees inside of them as a part of reusing the waste materials.

seminar on "WHY YOU DON'T USE CHAT GPT IN ACADEMIC RESEARCH?"

The Mechanical Engineering, GMIT has successfully organized a seminar on "WHY YOU DON'T USE CHAT GPT IN ACADEMIC RESEARCH?" on 26th April 2023. All the students of mechanical engineering were present to attend the seminar. The speech on the said topic was given by Mr. Soumyodeep Mukherjee, Assistant Professor & T.I.C of the Mechanical Engineering Department, GMIT.

The seminar pointed out the flaws in using ChatGPT during any research work and also provided the positive side of it. The students were very much excited to gain knowledge about the usage of Artificial Intelligence in a proper way. Overall the event was a successful one.



Industry visit in association with ISHRAE Kolkata Chapter



The Mechanical Engineering, GMIT has successfully organized a seminar on "WHY YOU DON'T USE CHAT GPT IN ACADEMIC RESEARCH?" on 26th April 2023. All the students of mechanical engineering were present to attend the seminar. The speech on the said topic was given by Mr. Soumyodeep Mukherjee, Assistant Professor & T.I.C of the Mechanical Engineering Department, GMIT.

The seminar pointed out the flaws in using ChatGPT during any research work and also provided the positive side of it. The students were very much excited to gain knowledge about the usage of Artificial Intelligence in a proper way. Overall the event was a successful one.

Industry visit

The Department of Mechanical Engineering, GMIT has organized an Industry Visit in association with ISHRAE Kolkata Chapter at Tempcon Kolkata on 5th August 2023. Mr. Soumyodeep Mukherjee, TIC of ME Dept, Mr. Joydip Paul, Assistant Professor, ME Dept., and Mr. Hiranmoy Samnata, Assistant Professor, ME Dept & ISHARE Member, coordinated the visit as Institute representatives. Ms. Soma Dey, Women's Activity Chair was the ISHRAE Co-Ordinator for the visit.

Students gained the exclusive opportunity to gain knowledge on Chiller plants involving various complex machinery and equipment such as chillers, pumps, compressors, heat exchangers, and control systems. Observing these components in operation allows students to visualize the intricate mechanisms they've studied and gain a deeper understanding of their functioning.



Basic Science & Humanities

Parent Teacher Meeting -1



The Basic Science & Humanities Department of Gargi Memorial Institute of Technology has organized a hybrid (offline & Online) Parent Teacher Meeting for the whole 1st year students of all the streams on 6th April 2023 from 11 am to 4 PM. The offline and online meetings both were conducted by the Teacher In Charge of 1st-year students of GMIT, Dr. Sayantani Das, Assistant Professor, Dept. of Physics, Dr. Saurav Naskar, Assistant Professor, Dept. of Chemistry, Dr. Jayanta Kumar Majhi, Assistant Professor, Dept. of Mathematics, Dr. Saddam Mollah, Assistant Professor, Dept. of Mathematics, and Mrs. Itu Chowdhury Gupta, Assistant Professor, Dept. of Humanities. This is the 2nd PTM with the 1st year students of the session 2022-2026. All the Faculty and Staff members attended the meeting and interacted with the guardians. Parents discussed with the subject teachers about the academic progress of their wards. All the parents appreciated the initiative taken for all-around development of the students.

The agenda of the PTM:

1. Mentor-mentee interaction.
2. Academic performance of the students.
3. Overall improvement of the students.

Parent Teacher Meeting -2

The Basic Science & Humanities Department of Gargi Memorial Institute of Technology has organized a hybrid (offline & Online) Parent Teacher Meeting for the whole 1st year students of all the streams on 6th December 2023. The offline and online meetings were conducted by the Teacher In Charge of 1st-year students of GMIT, Dr. Sayantani Das, Assistant Professor, Dept. of Physics, in the presence of Dr. Saurav Naskar, Assistant Professor, Dept. of Chemistry, Dr. Saddam Mollah, Assistant Professor, Dept. of Mathematics, Md. Ramjan Ali, Assistant Professor, Dept. of Mathematics, Mrs. Itu Chowdhury Gupta, Assistant Professor, Dept. of Humanities, and the teachers and technical staff of the other departments associated with 1st year. This is the 1st PTM with the freshers students of the session 2023-2027. All the Faculty and Staff members attended the meeting and interacted with the guardians. Parents discussed with the subject teachers about the academic progress of their wards. All the parents appreciated the initiative taken for the all-round development of the students.

The agenda of the PTM:

1. Mentor-mentee interaction.
2. Academic performance of the students.
3. Overall improvement of the students.



Other Events and Activities

Tribute to late Sardarni Satnam Kaur "Mataji" the beloved Chairperson of JIS Group



Gargi Memorial Institute of Technology has conducted a Meet to pay tribute to the beloved Chairperson of JIS Group, Late Sardarni Satnam Kaur "Mataji", " on her 1st death anniversary.

The Principal along with the faculty and staff members paid homage to Mataji flowers and pray for the immortal soul who has always motivated and inspired us.

DKB Memorial (u18) Football Tournament

From 9th January to 13th January 2023, Rhode Island Public School & Gargi Memorial Institute of Technology jointly hosted the 6th DKB Memorial (u18) Football Tournament.

The occasion was graced by Mr. Bodhisattva Banerjee, Vice-Chairman, GMIT, Dr. Somnath Maiti, Principal, GMIT, Mrs. Reena Mazumder, Principal, RIPS, Dr. Prabal Kumar Manna, Principal, FCP & Mr. Binoy Panda, Vice-President, GMIT & Chairman, DKB Memorial Football Tournament. The guest of honor for DKB 2023 was Mr. Atish Biswas, SDPO, Baruiপুর, and the Chief Guest was Mr. Anit Ghosh, Ex-Indian Footballer and Ex-Captain, East Bengal Football Club.



After the Introduction of the finalist, the guest of honor, Mr. Atish Biswas, and the Chief Guest Mr. Anit Ghosh addressed the players and inspired them to show their talent in the true spirit of sportsmanship. He also inspired them to look at sports as a field of career.

This year a total of 16 schools of South 24 parganas participated in this tournament. The final match was held between Kharibaria Vivekananda Vidyapith and Kamrabad Uchcha Vidyalaya. The Kharibaria Vivekananda Vidyapith became the tournament Champions by defeating Kamrabad Uchcha Vidyalaya with a score of 1-0.

The Football Teams participated with great Enthusiasm. The winning team was awarded the Rolling Trophy and medals. The Runners up team also received a Trophy and medals.

The best Goalkeeper of the tournament was Sujay Halder (Kamrabad Uchcha Vidyalaya), Top Goal Scorer of the tournament was Sk. Mahabubur Rahaman (Khariberia Vivekananda Vidyapith) & Best Player of the tournament was Shuva Naskar (Kamrabad Uchcha Vidyalaya)

In short, the Inter-School Tournament was a grand success of the combined efforts of Students, Teachers, and Support Staff.

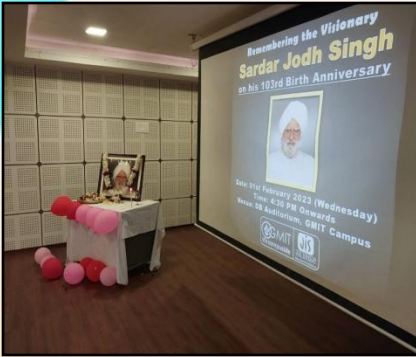
After the final match an exhibition match was held between Dalhousie Athletic Club and GMIT. To check the history of this tournament please click the link below mentioned.

<https://online.fliphtml5.com/thqxz/wfcr/>

Glimpses of DKB Memorial Football Tournament 2023: <https://youtu.be/iOCID4IzLtE>



Celebrated 103rd Birth Anniversary of Founder-Chairman of JIS Group, Late Sardar Jodh Singh "Babuji"



Gargi Memorial Institute of Technology celebrated the 103rd birth Anniversary of Hon'ble Founder-Chairman of JIS Group, Late Sardar Jodh Singh on 1st February 2023.

The Principal along with the faculty, staff members and students pay floral tribute to "Babuji".



Remembering Our Martyrs of the Pulwama Attack

The NSS Club, Gargi Memorial Institute of Technology (GMIT) has organized a program to remember the Martyrs of the Pulwama attack on 14th February 2023.

In the year 2019, on this day, at 3:37 PM (IST), a convoy of vehicles carrying Indian security personnel on the Jammu–Srinagar National Highway, was attacked by a vehicle-borne suicide bomber at Lethapora in the Pulwama district of the state of Jammu and Kashmir. The attack killed 40 Indian Central Reserve Police Force (CRPF) personnel as well as the perpetrator Adil Ahmad Dar, who was a local Kashmiri youth from the Pulwama district.

In this program, the students along with the faculty and staff members of GMIT have observed a minute of silence and a video regarding this sorrowful occasion has been played for remembering the Martyrs of the Pulwama attack.



Awareness Seminar on "Cyber Crime & Security"



The Gargi Memorial Institute of Technology (GMIT) has successfully organized an Awareness Seminar on "Cyber Crime & Security" on 15th March 2023, jointly with Baruaipur Police District.

In this program, the chief guest Mr. Pragati Ranjan Biswas, IC, Cyber Crime Department, Baruaipur Police District.

More than 200 GMIT students and employees of GMIT participated in this awareness program.



NSS Unit Organized Free Health Check-up Camp & Health Awareness Seminar



The NSS Unit of Gargi Memorial Institute of Technology (GMIT) has successfully organized a Free Health Check-up Camp and Free Health Awareness Seminar on 16th March 2023, jointly with Narayana Health.



In this program, the honorable speaker Dr. Tanima Das Bhattacharya, MBBS, MD – General Medicine, DM – Nephrology, delivered a speech on “Kidney Disease”.

A health checkup includes random blood sugar tests, weight checks, blood pressure checks, ECGs, eye exams, and doctor consultations. More than 150 GMIT students and employees of GMIT participated in this health checkup program.

Cultural Fest 2023

Gargi Memorial Institute of Technology has celebrated its annual cultural Fest on 22nd June 2023 at the GMIT Campus. All the students were enriched by listening to the songs by BYAKORON BAND and the DJ also. Overall it was an insightful session for everyone.



1st Edition of JIS Innovation Award - 2023

The R&D Cell of Gargi Memorial Institute of Technology hosted the 1st Edition of the JIS Innovation Award - 2023 at D.B Auditorium, GMIT Campus on 21st June 2023.

This award distribution ceremony appreciates and celebrates the remarkable effort of faculty and students in research and development through cash prize distribution as incentives.



We had the proud privilege to felicitate, honourable Prof. (Dr.) G. L. Datta (Emeritus Fellow at IIT Kharagpur & Chairman – BOG, GMIT) and honourable Prof. (Dr.) Bhabes Bhattacharjee (Vice-Chancellor, JIS University), as our guest of honour. Their enlightening speech struck the keynote of the day, i.e. the importance of research for progress in academics.

This year a total of 30 awards have been marked for the categories - Book Publication, Research Articles / Book Chapters & Journal Publication, Patent Publication, Research Paper Publication with Students.

Lamp lighting and a welcome note delivered by Prof. (Dr.) Somnath Maiti, Principal, Gargi Memorial Institute of Technology.

The session ended with a vote of thanks from Coordinator IQAC, Prof. (Dr.) Soumitra Roy.



Alumni Meet



The Cultural Committee of Gargi Memorial Institute of Technology has celebrated ALUMNI MEET on 22nd June 2023 at GMIT Campus.

All the passout students of GMIT were enriched by listening to the songs by college internal band team. They all shared their personal views, college memories, they all enjoyed the refreshments at the end at ROOFTOP FIESTA Canteen. Overall it was an insightful session for everyone.

GMIT Boys Football Team @Runners-up @Krirangan 2023



GMIT Boys Football Team became the Runners-up of Krirangan 2023 organized by the Pailan Group of Institutions. The team has received Rs. 30,000/- prize money along with the trophy. The Finals were played between Gargi Memorial Institute of Technology and Pailan College of Management & Technology. GMIT conveys hearty congratulations to all participants.



Viswakarma Puja 2023



Gargi Memorial Institute of Technology (GMIT) has organized a day-long program to celebrate the occasion of Viswakarma Puja on 18th September 2023 in the GMIT campus. The Puja rituals were carried out properly along with Pushpanjali and Yagya, where all the students participated along with the presence of all the faculty members and staff members of the GMIT family. After completion of Puja, Prasad was distributed to all the attendees. Later, there was a special arrangement of lunch for all. To make the celebration special, there were a lot of events organized on campus. All the students and the staff members were present in the entire program and enjoyed it a lot.

Guru Nanak Gurpurab 2023



Gargi Memorial Institute of Technology (GMIT) has celebrated the 554th Birth Anniversary 1st Sikh Guru, Guru Nanak Dev Ji.

