



# BGIET NEWS



## DIRECTOR'S DESK

Bhai Gurdas Institute of Engineering & Technology has a long legacy in Northern India of imparting education to move from thinking about the greatest problems affecting society to understanding and solving them, and this has been our long-standing vision. We are made of state-of-the-art engineering and scientific infrastructure, cultivating highly motivated teachers and staff members to enable students take advantage of one another's innovations and advance the Institute. This newsletter's launch is the product of your assurance, imagination, and invention. One of the top independently funded colleges in northern India is the BGIET. This is mainly because the college places a lot of importance on the teaching-learning process. Regular visitors to BGIET include thought leaders and speakers from the business world who engage the students. Digital media has grown significantly, as we are all aware. It has created a whole new world of opportunities. I'm happy to see that the team has taken advantage of this trend and effectively tapped into it through the creation of this newsletter. I'm particularly happy that this connection will allow us to build relationships with our alumni, who are making a big difference in the world and helping BGIET become more and more well-known. You are all welcome to participate in the initiative with us. I want to thank the entire team once more and wish them luck in making this a significant step in BGIET's digital transformation. Our goal is to become one of the greatest college for engineering education in the nation by continually enhancing our performance, encouraging brilliance.



## Induction Program

The Institute have been conducting the induction program for students every year. The induction program is conducted at the beginning of each academic session for the all the newly admitted students. The induction program includes several activities such as Mentoring and Universal Human Values: It gets the students to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc .and A module in Universal Human Values provides the base for student's character building. A faculty member is allotted to each class, who also acts as a mentor for the students of that class.



## Teacher's Day

BGIET Celebrated Teachers day in the presence of faculty members of computer Science department. No matter how old we grow, the lessons taught by our teachers can never be forgotten. They build the foundation for our moral values and nurture children with their love and care. This Teachers day, tell your lovable teachers how much you adore them .Feel proud and honored to celebrate Teacher's day.



## Plantation Drive

The true meaning of life is to plant trees, under whose shade you do not expect to sit. The N.S.S camp was organized in BGIET, Sangrur on 15 September 2021. Hon'ble Chairman Dr.Guninderjit Singh Jawandha and Director Dr. Tanuja Srivastava along with other faculty members took part in planting sapling. Dr. Tanuja Srivastava also enlighten the students about the significance of planting trees and with her motivational speech, students of BGIET also promised that they will also plant more and more trees and make this mother nature better place for the upcoming generation.



## Engineer's Day

BGIET celebrated on 21 sep.2023 Engineers' Day with great zeal, honoring the legacy of Sir Mokshagundam Visvesvaraya. The highlight of this day was a motivational program by the Brahma Kumaris on "Moral Values and Positive Thinking." Engineers were reminded that besides technical



proWess, ethical values and positive mindset are vital. This event underscored our commitment to nurturing engineers who not only innovate but also uphold moral standards, ensuring a brighter future for society. It was a day of inspiration and reflection, emphasizing that engineers are not just builders but also guardians of ethics.



## Prarambh

The purpose of Fresher's Party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students of First Year were welcomed with red rose to this party. The program started with lamp lightening and inaugural speech by Hon'ble Director, Dr. Tanuja Srivastava for the fresher's. Various activities were performed by the senior as well as junior students like dancing singing, ramp walking etc. Students enjoyed each and every second of that party. After that pictures were clicked by the students with each other and with their respective teachers. In the presence of respected Chairman Sir, Dr. Guninderjit Singh Jawandha, Managing Director Suvreet Kaur Jawandha and Director Tanuja Srivastava, fresher's day is celebrated in BGIET.



## Handball

Sports are an essential part of our lives. For the all-round development of our personality, we must take up a sport and follow it, without a break. To make students aware of the need to play various sports, colleges have a compulsory subject on sports and physical education. Our institute organized this year's sports day. The responsibility of the sports day was taken by the sports teacher and the student's organization. The preparations for the sports day began 2 weeks before the actual event. The organizing committee prepared the list sports and games that are to be played, the number categories and number of prizes in each category, and took the permission from our director for it. On sports day Dr. Tanuja Srivastava director of BGIET, Sangrur encouraged students to take part in games and motivated them to live a healthy life.



## 11th International Conference

On the second valedictory day of the 11th International Conference on Advancements in Engineering and Technology (ICAET-2023), the esteemed gathering was graced by the presence of two distinguished personalities in the field of academia: Dr. Manjeet Singh Patterh, Dean Research at Punjabi University, Patiala, and Dr. Vikas Chawla, Dean Academics at I.K. Gujral Punjab Technical University, Jalandhar. The day commenced with the Six Technical Sessions of ICAET-2023, a platform that showcased a myriad of cutting-edge research and technological advancements. Scholars and experts from across the country converged to present their oral presentations, fostering an environment of intellectual exchange and collaborative learning. Dr. Manjeet Singh Patterh, Dean Research at Punjabi University, Patiala, with his experience and scholarly achievements, emphasized the pivotal role of research in shaping the future of engineering and technology. Dr. Vikas Chawla, Dean Academics at I.K. Gujral Punjab Technical University, Jalandhar, shared his perspective on the evolving landscape of academic excellence in engineering and technology. The highlight of the event was the recognition of outstanding contributions through the Best Paper Award for the technical Sessions. Dr. Manjeet Singh Patterh and Dr. Vikas Chawla jointly presented this prestigious accolade to deserving participants, acknowledging their exceptional research and impactful presentations. The conference not only celebrated the achievements of the present but

also paved the way for a future where engineering and technology continue to push the boundaries of innovation.



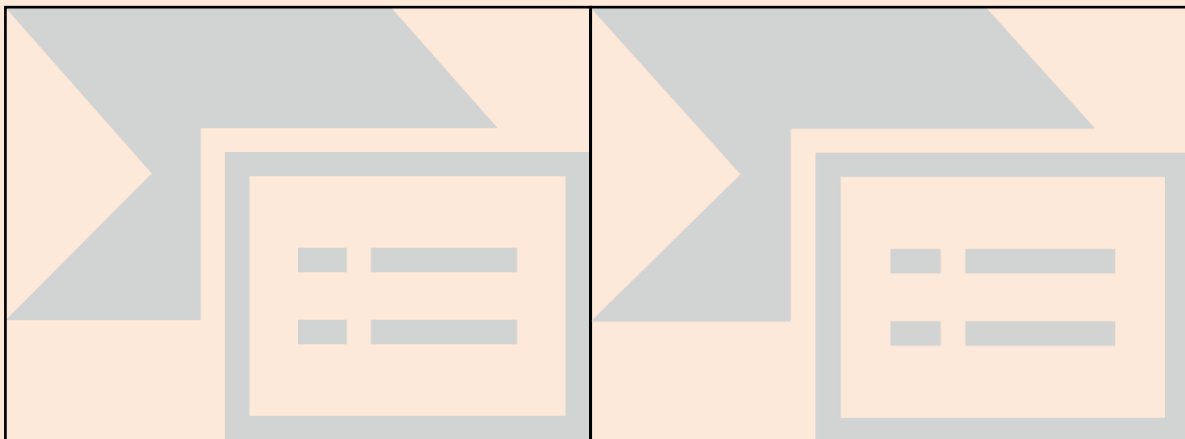
### ISTE faculty convention

The special feature of this inaugural session was, I.S.T.E. Faculty Convention organized in which the best teachers of about 40 educational institutions of North India were awarded with the Best Teacher award. In this, 48 teachers were distributed best teacher certificates and shields by the chief guest. 5 teachers of Bhai Gurdas Engineering College were also awarded with this honor. In this opening speech, Prof (Dr) Tanuja Srivastava, Campus Director highlighted the quality education imparted in Bhai Gurdas Group. Dr. Buta Singh Sidhu Vice Chancellor, Maharaja Ranjit Singh Punjab Technical University, Bathinda in his speech praised the program organized by Bhai Gurdas Institution of Engineering and Technology, Sangrur and appreciated the organizers for maintaining the continuity of the international conference held every year. He said Bhai Gurdas Institution of Engineering and Technology, Sangrur is the pride of Malwa which has always maintained its academic standard, the proof of this is that 5 teachers of this institution have been selected for the Best Teacher Award On this occasion, during a meeting, Dr. Guninderjit Singh Jawandha, Chairman Bhai Gurdas Group said that promoting quality education as well as quality research is our first objective. This international conference is also a part of these efforts. He further said that ISTE selected 5 of our teachers for Best Teacher He congratulated the organizers on this occasion and also offered good wishes for such successful work. On this occasion Madam Baljinder Kaur Jawandha, Secretary Bhai Gurdas Group and Dr. Suveret Kaur Jawandha, MD, Bhai Gurdas Group also congratulated the organizers and honored the teachers.



## National youth day

The National Youth Day is being celebrated on January 12 to commemorate the birth anniversary of Swami Vivekananda. In 1984, the Indian government declared Swahili's birth anniversary as National Youth Day and since 1985, it has been celebrated to honor and recognize Vivekananda's teachings .BGIET, Sangrur has celebrated the "National Youth Day- 2021" on January 12, 2021, to commemorate the birth anniversary of the great Indian Youth icon Swami Vivekananda. On this occasion, to commemorate his work done and to take his inspiration from his ideals, BGGI.org organized an online essay writing competition on the theme "Youth Power towards nation-building and universal brotherhood" and virtual poster competition for all the students of BGGI. A total of five posters and three essays received were evaluated and the best were then awarded with certificates. Further, the ideas on the



education of Swami Vivekananda were shared in institutional social media.



## Placement Drive

32 Students have secured placement offers from Sach Tech Pvt. Ltd., Finndit and Sensation Software Solution Pvt. Ltd., BGIET is owing to the impeccable placement of graduates at multi-national corporations. BGIET is establishing dominance in placements and creating benchmark. We look forward to our brilliant Engineering making new strides in the careers and inspiring others to strive for excellence.



## Workshop

A workshop on BFIC by Bajaj Fintech has been organized today for final year of MBA. Workshop is chaired by Mr.KanwalJeet. The workshop is about the core sector of Indian Economy i.e. financial services. It gives, students of management courses, the view to bring potential in themselves to outperform the markets in coming days of fast competition. Mr. Kanwal jeet also aware the students about the core competencies they have to create in themselves to get lucrative jobs and business opportunities.





## Faculty Development Program

BGIET has organized an faculty development Program on “Current trends in Food Science and Technology” sponsored by AICTE-ISTE from 10th - 16th February 2022. Leading experts shared their perspective in the event and interested participants registered themselves on or before 5pm Wednesday 9 Feb 2022. After the completion of event participation certificate has been awarded to the registered candidates.



## ARMAGEDDON 23.0

Bhai Gurdas Institute of Engineering & Technology (BGIET) hosted an extraordinary celebration of technological innovation and creativity at 'Armageddon 23.0.' This Tec Fest featured an impressive array of both technical and non-technical events, spotlighting the diverse talents of our exceptional students. The students' participation was nothing short of remarkable, their unwavering enthusiasm and exceptional skills ensuring the resounding success of every event. The event received the honor of esteemed dignitaries' presence, including our Chief Guest, whose inspiring speech left the audience motivated. Dr. (Prof.) Tanuja Srivastava, Campus Director, shared her insights, underscoring the significance of education and innovation. The event also witnessed remarkable performances by renowned singers and artists. Ayush Talniya and Mohini Sikarwar left the audience spellbound with their mesmerizing acts. The excitement soared as popular singer Ninja took the stage by storm, delivering an electrifying performance that had the crowd on their feet, infusing a new dimension of entertainment into the fest.



## Vision and Mission

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|----------------------------------|--|--|
| <b>Vision of the Department</b>  | To be a center of excellence in technical education, research and support services to produce comprehensively trained, innovative Computer Science Engineers of highest quality to contribute to the Nation's development. |  |
| <b>Mission of the Department</b> | <b>Mission No.</b>   | <b>Mission Statements</b>  |
|                                  | <b>M1</b>  | Create an environment of skill learning through faculty training, online learning, sound academic practices and research endeavors           |
|                                  | <b>M2</b>  | Provide opportunities to promote organizational and leadership skills in students through various extra- curricular and co-curricular events |
|                                  | <b>M3</b>  | To uplift innovative research in Computer Science and Engineering to serve the needs of industry, Government and society                     |
|                                  | <b>M4</b>  | <b>Providing social awareness and responsibility in students to</b>  |

serve the Nation and to protect environment

## Program Outcome (PO)

| PO Number | PO Statement   |
|-----------|--|
| PO1       | <b>Engineering Knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.  |
| PO2       | <b>Problem Analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.   |
| PO3       | <b>Design/Development of Solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations. |
| PO4       | <b>Conduct Investigations of Complex Problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.  |
| PO5       | <b>Modern Tool Usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.   |
| PO6       | <b>The Engineer and Society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.   |
| PO7       | <b>Environment and Sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.   |
| PO8       | <b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.  |

# NEWSLETTER COMPUTER SCIENCE ENGINEERING

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| PO9  | <b>Individual and Team Work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.   |
| PO10 | <b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. |
| PO11 | <b>Project Management and Finance:</b> Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.   |
| PO12 | <b>Life-long Learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.   |

## *Editorial Team*

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