

# SONIC VIEW

## Magazine 2023



**BHAI GURDAS INSTITUTE OF  
ENGINEERING AND  
TECHNOLOGY  
SANGRUR**

## ABOUT INSTITUTE



Bhai Gurdas Establishment of Designing and Innovation, focused on the reason for gifted and quality schooling at standard with Worldwide Norms, showed up on the scholastic front in 2002. Bhai Gurdas Gathering has the credit of laying out the principal private designing school in Punjab.

The Gathering has effectively been running seventeen establishments in different areas of Punjab. Bhai Gurdas Gathering has been laid out with the target of giving excellent schooling in Designing, Innovation, The executives, and clinical sciences. This year the gathering has presented another organization of Innovation. This is an I.K.G. Punjab Specialized College, Kapurthala partnered and supported organization.

A definitive point of the Establishment is to make a superior country by making better residents. Bhai Gurdas Gathering of Establishments puts stock in the general development of its understudies, that they stay joined with their human approaches to everyday life.

## CHAIRMAN DESK



Bhai Gurdas Gathering of organizations is one of the chief instructive gatherings in North India. We consider that making a scholastic starting point for cultural, instructive, logical, financial and mechanical advancement in our Country can lay out into Worldwide viewpoints. We try at laying out seat marks in scholarly greatness and all encompassing prepping to help our understudies to address the vocation difficulties in the undeniably globalized financial circumstances. In this manner, BGGI has acquired altruism by our understudies and society at large.

BGGI is committed to encourage in its understudies, the quests for individual fineness and partake in full scope of educational, otherworldly, social, social and proactive tasks, and to cause them to advance as all-rounder. Schooling is the reason for all future prospects in the existence of an understudy. Likewise, quality training is an identification to its precarious ascent throughout everyday life and makes reasonable roads to accomplish monetary profits. It gives amazing chances to carry on with an existence of propriety and riches.

I'm very satisfied to invite you all to being a piece of our BGGI family. I go to the All-powerful to favor you with an extraordinary future. I guarantee you that the foundation will give you the able take off platform to soar roused by extraordinary administration and moving staff me.

Our group of committed and exceptionally qualified staff endeavors to expand the understudies skyline of learning, subsequently assisting each understudy with encountering accomplishment with high grades. We take extraordinary consideration that our thoughts are not simply examined however executed.

**Dr. Guninderjit Singh Jawandha**  
**Chairman of Bhai Gurdas Group of Institutions, Sangrur**

## **DIRECTOR DESK**



Bhai Gurdas Organization of Designing and Innovation laid out in the year 2002, is a main designing foundation of Punjab and north India. We are pleased that this establishment has reliably kept up with its practice of greatness in the field of specialized schooling till date. We have a mission to serve the mankind by giving quality specialized training to understudies and changing them into employable directors, technocrats, civil servants or more all productive members of society of India.

Following 14 years of administration, we feel glad that a large number of our understudies have laid out their personality in ventures, government associations, trans-public organizations and colleges in various limits, practical regions, nations and workplaces through their specialized information and expertise that they have been mixed with during their residency in BGIET. In the present cutthroat worldwide situation, it is fundamental to teach research culture and propensities among understudies and personnel. Aside from scholastics different exercises like games, social, extracurricular and social are similarly essential to support their certainty, further develop correspondence/show expertise, construct solidarity, instill sportsmanship, administration quality and thinking skill. On top of our Establishment's Vision and Mission our responsibility is to foster individuals who are innovatively predominant having social concern.

**Dr. Tanuja Srivastava**  
**Director**  
**Bhai Gurdas Institute of Engineering & Technology**



**APPLIED SCIENCES**

Department of Applied Science plays a vital role to shape future of Engineers because, Applied Science is a discipline of science that applies existing scientific knowledge to develop more practical applications, like technology or inventions. It enables students to think critically and practically about scientific knowledge to develop more practical applications. It also develops students' communication skills, , ethics and moral values required for their profession and society. To shape their career, department of Applied Science has highly qualified, educated and result oriented faculty. The Department takes special pride in its richly experienced and devoted galaxy of teachers who are always there to contribute their students towards excellence in all curricular and co-curricular activities.



**Dr. Jitender Rattan**  
**Professor & H.O.D**

**ELECTRICAL ENGINEERING**

Requirement of Energy audit, renewable energy sources, smart systems, automation etc has open up new exciting careers for electrical engineers. will constantly interact with scholars from industry , research organizations and academia to produce globally competent and locally relevant engineering graduate. Above these, department will nurture human values, sense of responsibility and ethics for all stake holders.

Objective of Electrical Engineering Department, Faculty of Technology is to prepare graduates as per industrial and societal needs. Graduates of the department will be skilled to work with latest technology including Microcontrollers, Power Electronics, Renewable, modern computer tools etc. To achieve this goal, the department has team of highly qualified, committed and self motivated learners who will nurture the career of young and enthusiastic students as teacher, guide and mentor. Laboratories are equipped with equipments that are in line with current industrial trends. Teaching - learning process is well

**Dr. Sushil Kakkar**  
**Associate Professor & H.O.D**

**ELECTRONICS & COMMUNICATION ENGINEERING**

Welcome to the Division of Hardware and Correspondence Designing Gadgets and Correspondence Designing proselytes the ideas of essential sciences into constant applications Gadgets Specialists assume significant parts in different necessities of the present innovation based life like PC , web , satellite , cell phones , mechanical technology , aviation security frameworks .

BGIET gives graduate and post advanced educations in Gadgets and Correspondence Designing , ECE division at BGIET has exceptional Labs of Chip and Miniature - regulator ,

Computerized Signal Handling , Microwave , Gadgets , Advanced Hardware , VLSI , Direct Incorporated Circuits and so on , and every one of the homerooms are having LCD projectors . Staff of this division is extremely devoted , around 60 % personnel are on the finishing of their Ph.D's . Understudies of this division generally accomplish college positions . Last year understudies have planned exceptionally complex tasks which are helpful in businesses .



**Er. Naveen Goyal**  
**Assistant Professor & H.O.D.**

**FOOD TECHNOLOGY HOD MESSAGE**

The division was set up in 2014 to take care of the steadily developing interest for food innovation experts. The Food Innovation Division is truly outstanding among Bhai Gurdas Institute of Engineering & Technology ( BGIET) it offers 4 - year Lone wolf of Innovation course to the understudies which is upheld by its skilled staff . It likewise offers parallel section to the recognition passed understudies to be owned up to second amazing foundation in the research facilities to give commonsense information to year of its 4 - year B. Tech course . At BGIET Food Innovation division, we aim for greatness in training and schooling to meet the setback of such talented labor in the food. The department also plans continuous visits to food handling plants to show the understudies different handling and conservation methods at present being used in the businesses. The personnel has fostered its students and has solid joint effort with a few ventures and associations for temporary job and position purposes. We accept that our endeavors will make huge commitments towards offering answers for food security and ecological supportability. It is our undertaking to furnish our understudies with the most present day schooling on the planet.

**Dr. Syed Insha Rafiq**  
**Associate Professor & H.O.D**

**COMPUTER SCIENCE ENGINEERING**

Division of Software engineering and Designing resolves to pursue creating Specialists with a rich mix of equipped, specialized, interactive abilities and add to country building .Division puts accentuation on every one of the significant parts of PCs, for example, PC Organizations, Versatile Correspondence, Calculation Configuration, Working Framework, Advance Data set Frameworks, Hypothesis of Calculation , PC Illustrations and some more. Division steps up to the plate and work on the delicate abilities, scientific capacities and verbal correspondence of the understudies with the goal that they can confront the opposition in the corporate world unhesitatingly. To meet the targets, office pays extraordinary accentuation on instructing and hands on down to earth work. Understudies show their inventive thoughts. abilities and

The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education. We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training equips our students to handle the challenges posed by the IT industry. Students of Computer Science and Engineering are placed with top companies. We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

**Dr. Manu Raj Moudgil**  
**Professor & H.O.D**

**INFORMATION TECHNOLOGY HOD**

The Department of Information Technology Engineering welcomes you to be become visionaries and change makers of the future. Our distinguished faculty ensures a wide range of diverse learning experiences at both the undergraduate and postgraduate levels, We offer our students the best hands-on experience, intellectual collaboration, research prospects, social impact projects, industry linkages so that they get the best of placements and also contribute to societal growth. The content of every course in our curriculum have been integrated so as to facilitate the development of innovative computational flair among the students. Our department is consistently striving for a better curriculum, teaching and learning practices that will provide scope for the students to acquire knowledge for better opportunities, admissions in prestigious institutions and promote research and consultancy.

**Er. Ramandeep Kaur**  
**Assistant Professor & H.O.D**

**MECHANICAL ENGINEERING DEPARTMENT**

Mechanical engineering is one of the oldest and broadest engineering discipline, and plays a significant role in enhancing safety, economic vitality, enjoyment and overall quality of life throughout the world. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students and staff. Mechanical Engineering is a professional Core engineering discipline that deals with the design, production and maintenance of any produce of any industry. The pride of every student and staff would be in his/her department and college.

**Er. Parminderpal Singh**  
**Assistant Professor & H.O.D**

**CIVIL ENGINEERING HOD MESSAGE**

It is a great pleasure to see the creative expressions of students who had contributed”. The magazine is presenting a glimpse of the growth of the department on many fronts. This magazine provides a platform for students and staff to share information, spread the latest technical knowledge and cultivate right ways that will equip all of us to stay competent in our respective fields of study and research. I congratulate and thank all the students and staff coordinators who have made untiring efforts to bring out this magazine. I wish them all success. Such value additions are very much essential for the young technocrats and engineers, who the college produces, to demonstrate their ideas for a developed India. I sincerely appreciate and congratulate the editorial team for their unrelenting efforts in compiling this magazine. This Newsletter mirrors the vision and mission of department of civil engineering.



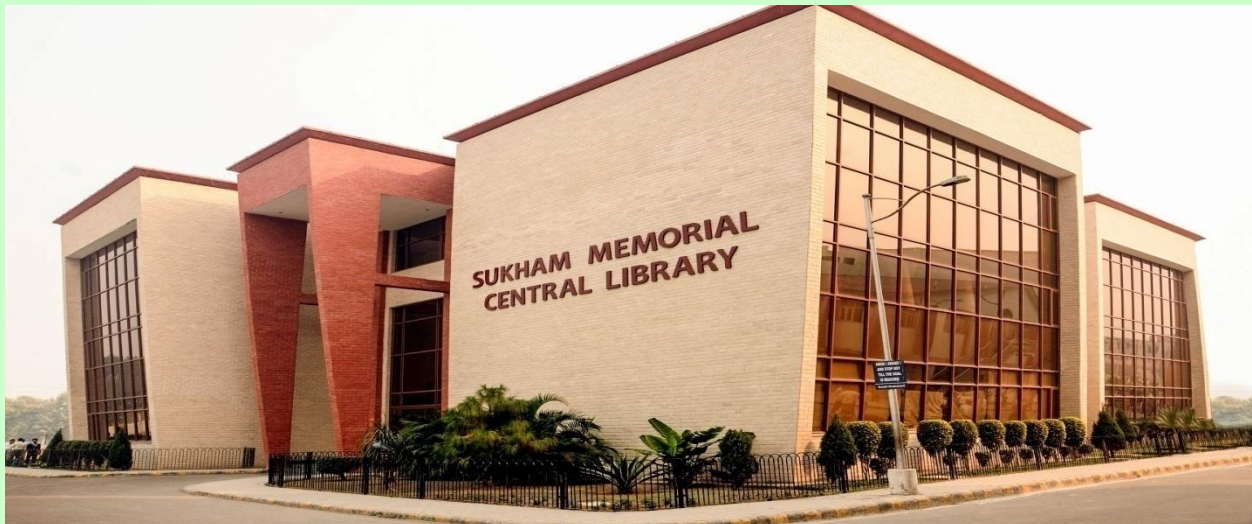
**Dr. Dinesh Kumar Sharma**  
**Professor & H.O.D**



**MASTER OF BUSINESS ADMINISTRATION DEPARTMENT**

Welcome you all to the Branch of The executives Studies at BGIET. The troublesome force of innovation is particularly obvious with the introducing fourth modern upset. The group of people yet to come of pioneers must ought to have sufficient enthusiasm for innovation. The future organizations are generally innovation empowered or worked around arising advancements. To deal with the difficulties of an aggressive worldwide vocation, MBA experts need, serious areas of strength for fearlessness and a multi-faceted personality. Our division has developed itself with such a teaching method that empowers the understudies to be future prepared with all the expected range of abilities. We follow a thorough instructing, learning instructional method including case based educating, project based learning, business games, reenactment work out, experiential learning, master talks from industry and the scholarly world, different testament courses like: man-made intelligence for business, Operations and inventory network The executives, preparing modules, Money Lab, and so on. Our point is to etch the best out of growing administrators and business pioneers to prepare them for the difficult business environment. On our part we can guarantee you of our sincere help at whatever point and whatever ideal. Together we have an extraordinary future.

**Mrs. Geetika**  
**Assistant Professor & H.O.D.**



**SUKHAM MEMORIAL CENTRAL LIBRARY**



# 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

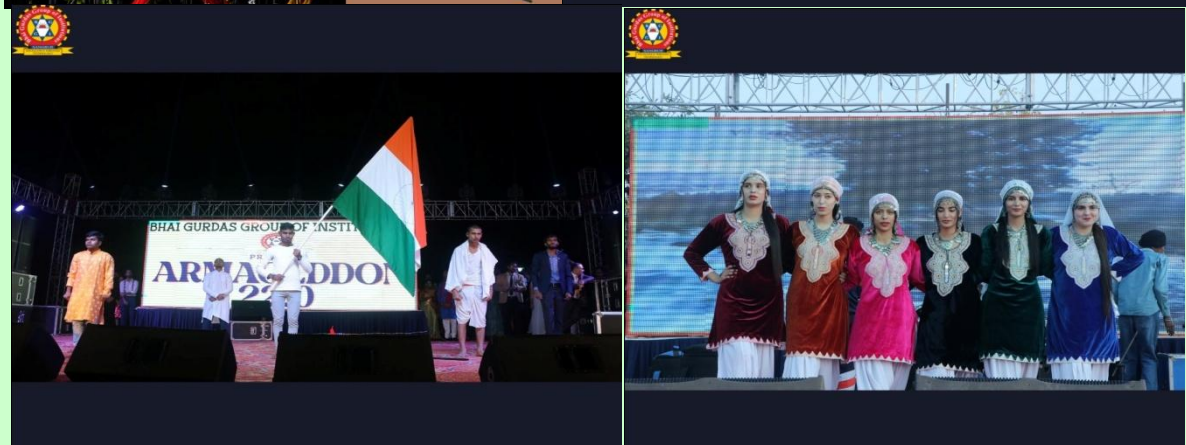
mentor for the students of that class. Students can contact their mentor any time for issues related to academics, exams and attendance, activities etc. Familiarization with Departments: An introductory session is held in the beginning of induction program. In this session the students are introduced to all senior functionaries of the university like Directors, HODs, Registrar and Administration team. HODs also introduce the faculty members of their respective departments. Literary Activities: Various literary activities include reading, writing, debating, enacting a play etc. are conducted during the induction program. This includes crash courses, so that when the normal courses start after the induction program, the student has overcome the lacunas substantially. These courses may be on English speaking, written and verbal communication etc. Workshops and Lectures by eminent people: This period is utilized to conduct expert talks and lectures by eminent people from industry and academia. The students are familiarized with the departmental and inter-departmental facilities available for them. They are also familiarized with the procedure of both academic and administrative conduct at the university. They are also familiarized with the continuous evaluation process and the rules and regulations they have to follow in their tenure at the university. Discipline is of utmost importance at the BGIET. The students are familiarized with the discipline measures which include, anti ragging measures, women cell, disciplinary committee and their functioning at the university. Towards the end of the three weeks program. The students go there to understand people and their problems and are motivated to apply their knowledge in finding an appropriate solution to these problems. A couple of visits to the landmarks of the city, or a hospital or orphanage are also organized. Various extracurricular activities are conducted for the new students including the ice breaking session, activities related to art, dance, music, debates, games, sports etc. Each day the reports of different activities are generated simultaneously which are uploaded on the institutes face book page.



# TECH FEST ARMAGEDDON 22.0



















## ARMAGEDDON 22.0 VIBES AT BGGI











# CULTURAL ACTIVITIES













# CAMPUS ACTIVITIES





# FRESHER'S DAY CELEBRATION

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 which was organized by Student's Council in the Multi-purpose hall at 11 am. The program started with lamp lightening and inaugural speech by Honorable 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.





# ORIENTATION OF BGGI



[f BhaiGurdasGroup](#) [BGGIGroup](#) [bggi.sangrur](#) [Bhai Gurdas Group Of Institutions](#)





# SPORTS MEET



**BGIET celebrated sports meet in presence of Chairman Dr. Guninderjit Singh Jawandha.**

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 on 15th and 16th of October 2021. The responsibility of the sports day was taken by the sports teacher, the cricket and football coach of our institute team, 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. The sports ground of the college was cleaned and decorated for the sports day. The former students of the college, who are very successful sportspersons now, were invited for the inauguration. 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.

## FILM PROMOTION'S





# ALUMNI MEET





The Alumni Association of BGIET organized "ALUMNI MEET on 10<sup>th</sup> dec 2021- a programme to facilitate, consolidate and coordinate Alumni Activities at conference Hall .The alumni meet is to reconnect with the Alumni and celebrate their success and various achievements. The Alumni started arriving in institute by 9.00 a.m. and they were received by the registration team and they have been asked to fill the registration form. The Alumni Meet started with a welcome address by the alumni association president. The meeting was graced by the chairman Dr.Guninderjit singh jawandha . Alumni also interacted with the students and gave motivational talk regarding preparing for higher studies and placements. Students asked many questions regarding placements and the alumni shared their view. Alumni association secretary thanked the various organizers alumni members of the event. He also thanked the management of BGIET for the support and guidance which has made Alumni Meet 2021 a grand success.



# EXTRA CURRICULAR EVENTS





# PLACEMENTS



**AVON CYCLES**

**PLACEMENT DRIVE AT BGGI**

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**S.S Builders Mohali**

Branch: B.Tech (Civil Engineering)

RESULTS: 10 SELECTIONS

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**RELIANCE JIO**

**PLACEMENT DRIVE AT BGGI**

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**Chiemix/Aspirefox/Kizky**

Branch: B.Tech(CSE/IT/ECE) & MCA

Results: 15 Selections

Package: 5.4 LPA

8195000925 9592041900 9814847492

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**EXTRAMARKS COMPANY**

Branch: B.Tech & M.B.A

Results: 5 Selections

PACAKAGE: 7.2 LPA

8195000925 9592041900 9814847492

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**Escalon Business Services Pvt. Ltd. & Ellocent Labs IT Solutions Pvt. Ltd.**

Branch: B.Tech(CSE/EE)

RESULTS: 10 SELECTIONS

8195000925 9592041900 9814847492

admissions@bgiet.ac.in bhaigurdas.org

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**OFFER LETTERS DISTRIBUTED AT BGJET**

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**BHAI GURDAS GROUP OF INSTITUTIONS**

STUDENTS PLACED IN

**RALCO, QUIQR HR SERVICES, ROLSON INDIA LTD.**

BRANCH: B.Tech(CSE/IT/ECE/ME)

RESULTS: 18 SELECTIONS

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**Intellipaat, Ari Web Solution, Kandhari Beverages Pvt.Ltd.**

Branch: B.Tech/Electrical & FT/BCA/BBA/MBA/MCA

Results : 16 Selections

**PACKAGE 9 LPA**

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**PACKAGE 9 LPA**

**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**IT Expert US**

Branch: B.Tech/CSE/IT/MCA/BCA

Results : 26 Selections

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**PLANET SPARK, FREE CHARGE, JUST DIAL**

Branch: B.Tech/BCA/ BBA/MBA/MCA

Results : 42 selections

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**BHAI GURDAS GROUP OF INSTITUTIONS**

Students Placed In

**Aspirefox and Seasia Infotech**

Branch: B.Tech/BCA/BBA/MBA/MCA

Results : 16 Selections

8195000925 9592041900 9814847492

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## MEGA LEGAL SERVICE DAY CELEBRATED AT BGGI



## BHAI GURDAS INSTITUTE OF ALLIED SCIENCES ORGANIZED



### POSTER PRESENTATION COMPETITION





## BLOOD DONATION CAMP AT BGGI



## INDUSTRIAL VISIT



**BGGI STUDENTS OF B.TECH FOOD TECHNOLOGY  
VISITED DAIRY INDUSTRY**





## SEMINAR ON EMPLOYMENT GENERATION



## INDEPENDENCE DAY CELEBRATION



### BGGI CELEBRATED 75<sup>th</sup> INDEPENDENCE DAY BY PLANTATION DRIVE



**HONORABLE CHAIRMAN SIR ALONG WITH FACULTY PLANTING TREES**

## Editorial Team

***Dr. Manpreet Singh***

*(Associate Professor, E.E. Dept.)*

***Er. Parminderpal Singh***

*(Assistant Professor, M.E. Dept.)*

***Er. Sukhminder Kaushal***

*(Assistant Professor, E.C.E Dept.)*

***Mrs. Sandeep Kaur***

*(Assistant Professor, M.B.A. Dept.)*

***Ms. Swati***

*(Assistant Professor, F.T. Dept.)*

***Er. Mohit***

*(Assistant Professor, C.E. Dept.)*



## Riddles

- 1 What goes up and down stairs without moving?
- 2 Give it food and it will live; give it water and it will die.
- 3 What can you catch but not throw?
- 4 I run, yet I have no legs. What am I?
- 5 Take one out and scratch my head, I am now black but once was red.
- 6 Remove the outside, cook the inside, eat the outside, throw away the inside.
- 7 What goes around the world and stays in a corner?
- 8 What gets wetter the more it dries?
- 9 The more there is, the less you see.
- 10 They come at night without being called and are lost in the day without being stolen.
- 11 What kind of room has no windows or doors?
- 12 I have holes on the top and bottom. I have holes on my left and on my right. And I have holes in the middle, yet I still hold water. What am I?
- 13 I look at you, you look at me, I raise my right, you raise your left. What is this object?
- 14 It has no top or bottom but it can hold flesh, bones, and blood all at the same time. What is this object?
- 15 The more you take the more you leave behind.

### Answers

Carpet, Fire, A cold, A nose, A match, Corn, A stamp, Towel, Darkness, Stars, A mushroom, A sponge, A mirror, A ring, Footsteps

## **BHAI GURDAS INSTITUTE OF ENGINEERING & TECHNOLOGY**



### **..... VISION .....**

**To impart value based multidisciplinary quality education to the students which can enable them to contribute their knowledge I industrial development, technology revolution and economic growth ogf the nation with global prospective.**

### **..... MISSION .....**

- 1. To develop technical manpower of quality standards with capabilities of accepting new challenges.**
- 2. To provide excellent teaching and research environment.**
- 3. To promote collaborative coexistence amongst academic institute and industries for resource sharing.**

### **..... QUALITY POLICY .....**

**We are committed to provide and continually improve the healthy learning environment and supporting faculties for the students at Under Graduate and Post Graduate Level to achieve academic excellence for better opportunities.**