EST:1980

# GHOUSIA COLLEGE OF ENGINEERING

Ramanagara - 562 159

Affiliated to Visvesvaraya Technological University, Belagavi
Recognized by Government of Karnataka
Approved by AICTE & UGC under 2(f) & 12(b)
Accredited by National Board of Accreditation (NBA), New Delhi
( A unit of Al-Ameen Movement )

# PROSPECTUS




*Excellence Through Education...*



# About the Trust

Ghousia Industrial & Engineering Trust, (GIET) was started during the year 1962. Its main aim is to promote and provide quality technical education at all levels to the student community in general with special focus on rural youth and women empowerment. Its cherished goal is to equip the learners with excellence and quality assured technical education.



**Late Dr. Mumtaz Ahmed Khan**
Founder Al-Ameen Movement



**Late Janab Haji Nabi Shariff**
Founder
Ghousia Industrial & Engg. Trust

## VISION

To be Recognised as an Excellent Organisation
Providing World Class Technical Education at all Levels.

## MISSION

To Strive for Excellence in Technical Education.



**Dr. Ahmed Shariff Siraj**
Chairman
Ghousia Industrial & Engg. Trust

## Institutions Managed by the Trust

| Sl. | Name of the Institution | Established in the year |
|---|---|---|
| 1 | Ghousia College of Engineering, Ramanagara | 1980-81 |
| 2 | Ghousia Industrial Training Institute, Bangalore | 1962-63 |
| 3 | Ghousia Polytechnic for Women, Bangalore | 1985-86 |
| 4 | Ghousia PU College, Ramanagara | 2022-23 |
| 5 | Ghousia Institute of Technology For Women, Bangalore | 2022-23 |



**Mr. Umar Ismail Khan**
Hon. Secretary
Ghousia Industrial & Engg. Trust

## Board of Trustees

| | | |
|---|---|---|
| 1 | Dr. **AHMED SHARIFF SIRAJ** | Chairman |
| 2 | Mr. **UMAR ISMAIL KHAN** | Hon. Secretary |
| 3 | Dr. **YASEEN SHARIFF** | Trustee |
| 4 | Mr. **TANVIR HAQUE** | Trustee |
| 5 | Mr. **MOHAMED ZAFRULLA KHAN** | Trustee |
| 6 | Mr. **ZACKRIA HASHIM @ RIYAZ SAIT** | Trustee |
| 7 | Mr. **KHALID MOHAMMED KHURRAM SAIT** | Trustee |
| 8 | Mr. **SYED NOORUL AMEEN @ ANWAR** | Trustee |
| 9 | Mr. **IQBAL AHMED BAIG** | Trustee |
| 10 | Dr. **WASEEM KHAN M.I.** | Trustee |
| 11 | Mr. **MOHAMMED YASEEN ARFATHULLA KHAN** | Trustee |

# About The College




**Dr. Mohammed Zahed Ansari**
M.Tech, Ph.D, FIE, MISTE, MIEEE
Principal

Ghousia College of Engineering was established in the year 1980. The College is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. The Institution is recognized by AICTE, New Delhi and Government of Karnataka. The college is Accredited by the National Board of Accreditation (NBA) New Delhi consecutively for the fourth term. The Institution is Approved by UGC under 2 (f) and 12(b). The College ranks first in Minority colleges in the State of Karnataka. The College is situated on an expanse of 35 acres of land, about 45 Kilometres from Bangalore on the Bangalore-Mysore Highway. The Library has a separate Issue, Reference and General Reading Room Sections with a sufficient collection of books and subscribed to E-Journals through VTU consortium E-Resources database. Hostel facility for about 600 students is provided in the campus with separate Hostel for Girls. The College provides Excellent Sports facilities for students including Gymnasium. Transportation facility is available for students coming from Bangalore, Mandya, Maddur, Channapatna & Ramanagara. The College has an active training and Placement centre. The College organizes several activities and programmes which helps in developing the overall personality of Students.

## Vision

To be an excellent engineering college providing world class engineers who can handle the ever changing technology effectively. More importantly, to instill amongst our students good character, human values and other attributes which enable them to become good citizens.

## Mission

To provide state of the art infrastructure facilities and programmes essential for offering world class technical education, training, consultancy, research & development activities and to provide facilities for curricular & co-curricular activities necessary for development of overall personality of our students.

## PROGRAMMES OFFERED

### GRADUATE PROGRAMMES (B.E / B.Tech)

- Computer Science & Engineering
- Information Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Mechanical Engineering

### Eligibility For B.E / B.Tech

Candidate should have passed PUC or Equivalent Exam, with marks not less than forty five percent (45%) in aggregate with Physics and Mathematics as compulsory subjects, along with one of the following subjects namely Chemistry / Biology / Computer Science / Electronics.

### POST GRADUATE PROGRAMMES ( M. Tech)

- Manufacturing Science & Engg
- Machine Design
- Power System Engineering
- Structural Engineering
- Computer Science & Engineering

### Eligibility For M.Tech

Candidate Should have passed B.E. or Equivalent Degree in appropriate field of Engineering with minimum 50% marks in aggregate.



### RESEARCH PROGRAMMES (M.Sc by Research & PhD)

- Department of Mechanical Engineering
- Department of Electrical & Electronics Engg
- Department of Civil Engineering
- Computer Science & Engineering
- Department of Chemistry
- Department of Physics

# CIVIL ENGINEERING







Dr. **N.S. Kumar** Ph.d.,
Prof & HoD

The Civil Engineering Department, started in this Institution in 1980, has state of the art infrastructure and laboratory facilities as prescribed, with Experienced Faculty covering desired Specializations assisted by skilled supporting staff. The Department has an intake of 60 in B.E., degree and 18 in M.Tech., Structural Engineering. It has a R&D centre recognized by VTU where a number of research Scholars are pursuing their Ph.D degrees. It has bagged four University ranks including first rank. It has excellent placement records since 1980 including two IAS and IES alumni. Three of the staff members have authored more than Ten Books. R & D and MODROBS projects funded by AICTE/VTU/VGST have been carried out. It has received funds to the tune of 94 lakhs, two patents. It has a well established departmental library. More than 184 papers have been published in National and International Journals of repute, Scopus indexed, UGC Approved, Springer publications, in addition, research papers have been presented by faculty at conferences headed in USA, Canada, Australia, China and Lisbon, Portugal. Consultancy and Third-party inspections also been undertaken by the departmental faculty. Many of the faculties are life members for Institution of Engineers (I), ISTE, IABSE(Switz.,), ISSS, ISET, IGS, IIBE, ICI, INSADAG, ISTAM, ISWE etc

# MECHANICAL ENGINEERING







Dr. **Mohammed Mohsin Ali** Ph.D.,
Prof & HoD

Mechanical Engineering Department was established in the year 1980 and affiliated to Visvesvaraya Technological University, Belagavi, Karnataka. The department offers undergraduate, Post graduate and Ph.D, programmes. Postgraduate courses are offered in Manufacturing Science & Engineering and Machine Design. it has well established Research and Development center recognized by Visvesvaraya Technological University, Belagavi, Karnataka. The Department is accredited by the National Board of Accreditation (NBA), New Delhi and also Permanently Affiliated to Visvesvaraya Technological University (VTU), Belagavi. The Department's strength lies in having a good number of experienced and well-qualified faculty, majority of them possessing PhDs. Faculty members are reviewers for International Journals, Members of LIC, BoS, BoE. Faculty members have published research papers in quality journals and attended various International & National conferences. The Staff members of the department have taken up a number of research projects funded by many external agencies like DST, AICTE and VTU. The Department has also contributed in developing intellectual property for the institute by obtaining a patent and currently is in pursuit of three Patents. Laboratories in the department are well equipped with modern equipments.

# ELECTRICAL & ELECTRONIC ENGINEERING







Dr. **Javid Akhtar** Ph.D.,
Prof & HoD

The department of Electrical and Electronics Engineering was started in the year 1985 and has a dedicated team of highly qualified faculty assisted by well-trained supporting staff.

The department have Programs leading to under-graduate (B.E.) with 60 intake and post-graduate course (M.Tech) in Power System Engineering with 9 intake. Also, the department has a R&D center recognized by VTU Belagavi to carry out Ph.D. programs in the areas of Power Systems, Power Electronics, High Voltage Engineering etc.

The infrastructure established is at par with the university requirement to cater to the needs of students. The faculty is involved in teaching, Research and Consultancy activities and have published numerous papers in National and International Journals and Conferences. All the faculty are members of the Professional body Institution of Engineers (IEI). It has well established departmental library with a collection of useful technical books.

The department organizes extracurricular events such as Expert lectures from industry experts, Seminars and Workshops for enhancement and sharing of Practical knowledge.

The department has received grants worth of Rs. 90 Lakhs from AICTE, New Delhi and VGST, Govt.of Karnataka for Modernization and Development of Laboratories and Infrastructure. Our students have secured numerous ranks in the University examinations. The department is permanently affiliated to VTU and is also accredited by NBA, New Delhi.

# ELECTRONICS & COMMUNICATION ENGINEERING





The department of Electronics and Communication Engineering was started in the year 1985 with an intake of 60 students. It is approved by AICTE and affiliated to Visvesvaraya Technological University. The department has a mix of Young talented and Well Experienced Teachers. Spacious and well ventilated classrooms and fully equipped Laboratories, aid in training the students as per the needs of industry. The students are trained in soft skills and placement related activities. The topics over and above the university prescribed syllabus are taught to the students by industry experts. The teachers update themselves through Faculty Development Programmes and National & International Conferences. Many of the teachers are Ph.D holders and continuously present technical papers in National and International Journals. A few staff members have patented their innovations. Faculty members have been honoured with "Best Research paper" Award by Vision Group of Science and Technology (VGST), Government of Karnataka. The teaching staff are associated with prestigious bodies like Fellow of Institute of Engineers (IEI), IEEE etc.



Dr. **Faheem Ahmed Khan**, Ph.D.,
Prof & HOD

# COMPUTER SCIENCE & ENGINEERING
# INFORMATION SCIENCE & ENGINEERING







Dr. **Dilshad Begum** Ph.D.,
Prof & HoD

The Department of Computer Science & Engineering started in the year 1986, has an intake of 180 for B.E and 18 in MTech CSE. The intake of 60 has been sanctioned for Information Science & Engineering from the year 2022-23. The department has well qualified and dedicated faculty members with 5 doctorates along with others pursuing PhD. The faculty have published Several papers in reputed journals. The faculty are having 5 patents to their credit. The department faculty are also members of professional bodies such as IEEE, IEI, NDL and NPTEL.

It has well-furnished classrooms equipped with modern facilities and laboratories with state of the art equipments and latest software. Use of learning resource material is an integral part of classroom teaching. It has department library with good no of useful books. It has established linkages with highly reputed institutions and organizations. The department has organized several workshops/Seminars, webinars, ATAL faculty development program, National and International Conferences etc.

The department has received AICTE Funds for Modernization of its Labs. The department is accredited by National Board of Accreditation. Funds are also received for various research activities from VTU, KSCST, NAIN AICTE etc.

# DEPARTMENT OF BASIC SCIENCE







**Dr. K Fakruddin**, Ph.D.
Prof. & HoD
Department of Physics



**Dr. Muneer Basha .H,** Ph.D,
Prof. & HoD
Department of Mathematics

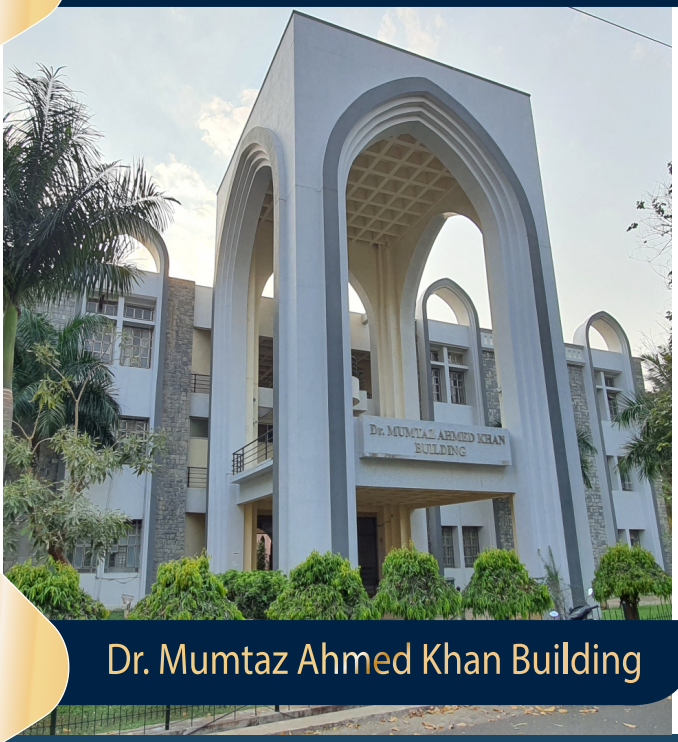


**Dr. K. G. Manjunatha**, Ph.D.
Prof. & HoD
Department of Chemistry



A separate full-fledged Training & Placement Centre has been established in the Institute since its inception. The Institute has provided complete infrastructure for effective functioning of the Center. A well-organized placement centre is functioning in the Institution with a fulltime dedicated Head Training & Placement, who continuously monitors the employment potentials and arranges the campus interviews for the students. The Head Training and Placement centre maintains a consistent communication with the leading MNCs for placement of the students. The Center has established good liaisoning with various industrial establishments both private and public sectors.

## OUR PROMINENT RECRUITERS




Dr. Mumtaz Ahmed Khan Building

EMC² · wipro · Infosys · TCS TATA CONSULTANCY SERVICES · Mindtree · ACC · Microsoft · Tech Mahindra · IBM · hp · mantri · TATA · ROOMAN INNOVATE|INTEGRATE|EMPOWER · subex powering the ROC · iGATE iTOPS for Business Outcomes · CRANES · global edge · Infotech Creating Business Impact · PRDC विज्ञानेन जायते जीवनि · ZENITH PC

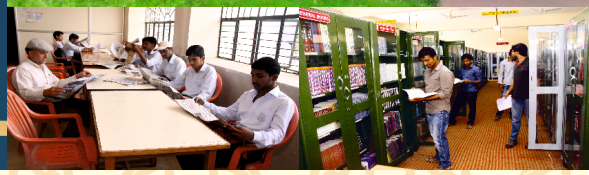
## Library & Information Center

Our college has a well stacked library housed in separate building with a total area of 1045 sq.mtrs with separate hall for Issue, Reference and Digital Library.

At present the library has 48836 volumes on its shelves costing over Rs.93 lakhs.The library has subscribed to online e-journals through VTU Consortia from different publishers.

The library has been fully computerized with Easylib advanced Multiuser Software. All the modules have been automated including online public access catalogue (OPAC). Our library is a number of DELNET, British Library and CMTI Library, Bengaluru. Students can borrow 5 books at a time and staff 08 books. SC / ST book bank facilities are also available for the students. NPTEL has granted a Swayam Local Chapter to our college library (our college local Chapter ID No: 2506) National Programmed on Technology Enhanced learning is a joint initiative from Seven IITs to offer online courses and certifications in various topics. Our institute Ghousia College of Engineering is now a part of the NDLI Club (National Digital Library IIT, Khargpur) students can access online study materials and club activities. To cater to the wide range information services to the users, Ghousia College library and Information Centre has well qualified, experienced and trained competent staff with an aim and vision to make the library and information Centre the best knowledge resources Centre among Engineering Colleges libraries in the State.



# SPORTS ACTIVITIES











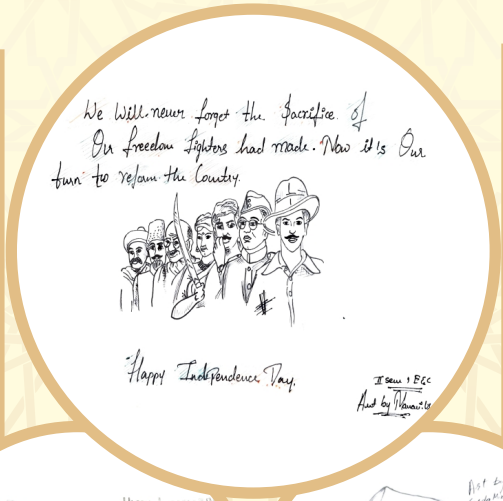






# CULTURAL ACTIVITIES












# GENERAL FACILITIES


HEALTH CARE


CANTEEN


SOCIETY



TRANSPORTATION


POST OFFICE



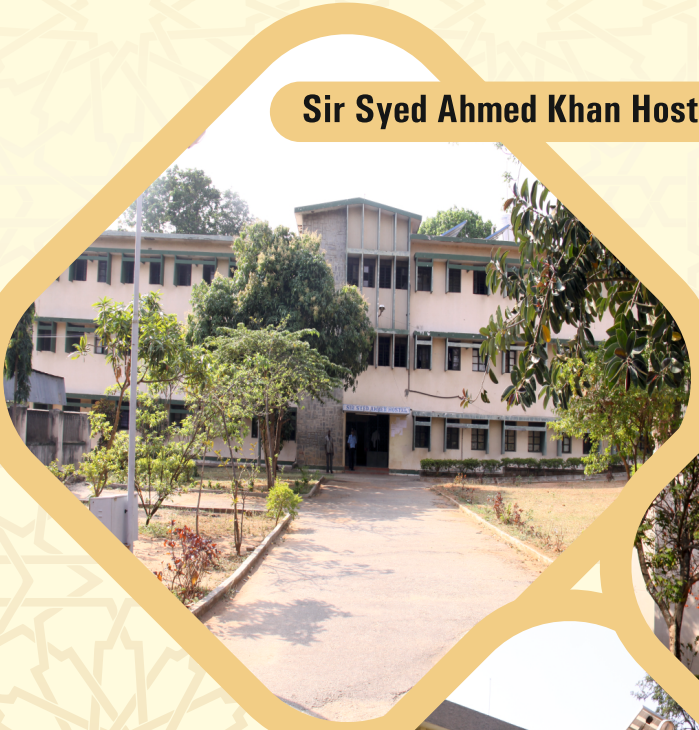
ATM



XEROX CENTER


AC Seminar HALL


GROUND



Sir Syed Ahmed Khan Hostel



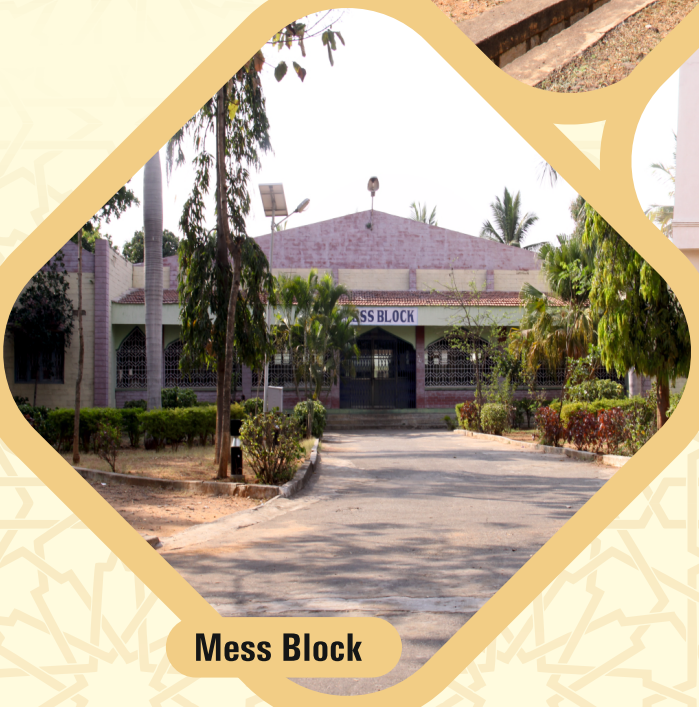
Tippu Sultan Hostel



Moulana Azad Hostel



Hazrat Bibi Fathima Women's Hostel




Mess Block

## Administrative Block



## Haji Nabi Shariff Building



# ROUTE MAP




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website: www.ghousiaedu.org

Scan to download Brochure

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**Hon. Secretary**
**Ghousia Industrial & Engineering Trust**
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