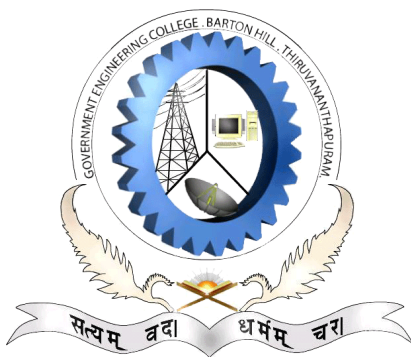


GOVERNMENT ENGINEERING COLLEGE BARTON HILL, THIRUVANANTHAPURAM INFORMATION BULLETIN 2023-2024



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VISION

Centre for higher engineering in learning that nurtures inquisitive young minds fosters innovative research and reaches out to the society while incessantly improving itself

MISSION

- Impart Engineering knowledge and skills
- Mould professionals with integrity
- Nurture the spirit of innovation and creativity to address the needs of the society
- Collaborate with industry, academic and research institutions of repute

1 COLLEGE AT A GLANCE

Introduction

Government Engineering College, Barton Hill (GECBH) was established by the Government of Kerala in the academic year 1999-2000. Within a short span of time since inception, the college has achieved notable academic excellence. The college has been affiliated to the A.P.J. Abdul Kalam Technological University (APJAKTU). It is under the administrative control of the Director of Technical Education, Government of Kerala.

The college is situated at scenic hills of Barton Hill which has the distinguish of hosting Travancore's First English High School for Girls 'HER HIGHNESS MAHARANI SETHU PARVATHY BHAI', English High School for Girls, established in 1942. The Government Engineering College started its functioning in November 1999. The first Principal of the college was Prof. G. Jayasankar and Dr. Shiny G is the present Principal. The college now offers five full time B.Tech degree and five full time M.Tech degree programmes such as,

1. B.Tech in Civil Engineering
2. B.Tech in Electrical and Electronics Engineering
3. B.Tech in Electronics and Communication Engineering
4. B.Tech in Information Technology
5. B.Tech in Mechanical Engineering
6. M.Tech in Mechanical Engineering - Machine Design
7. M.Tech in Information Technology - Network Engineering
8. M.Tech in Electrical and Electronics Engineering - Power Systems and Control
9. M.Tech in Electronics and Communication Engineering - Signal Processing
10. M.Tech in Translational Engineering(Interdisciplinary)

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The duration of the B.Tech programme is four years and of the M.Tech Programme is two years. As per the AICTE norms, the annual intake of each UG course is sixty and of each PG course is eighteen.

The faculty members of the institution are from the pool of Professors, Associate Professors and Assistant Professors under the Department of Technical Education, which provides the faculty to all the nine Government Engineering Colleges in the State. The 71 strong regular faculty team of the college consists of 34 Ph.D holders and 37 PG degree holders. Admission to the UG programmes to this college is done through the Common Admission Procedure (CAP) based solely on the rank secured in the Common Entrance Examination (CEE) conducted by the Government of Kerala. This college is the choice of the top rank holders of the CEE. Admission to the PG programme is done through the Centralized Admission Process by the Directorate of Technical Education.

The alumni of the college have already secured their places in the B.Tech rank list of Kerala University and APJAKTU in the top sections of all India gate rank lists in all years right from its inception. Also, many of them have secured admissions to top research institutions and business schools including foreign universities, IITs and IIMs. The placement record of the college has been phenomenal with majority of the students having received job offers to reputed firms from the campus itself.

Location

The campus is situated in the heart of Thiruvananthapuram city at a walking distance from PMG junction. This makes GEC Barton Hill as one of the easiest accessible engineering colleges in the state. It is only 10 km away from the Trivandrum airport and 3.5 km away from Trivandrum Central railway station and central KSRTC bus station. The nearest bus station is the KSRTC Vikas

Bhavan bus depot which is only half a kilometer away.

Governance

The college is functioning under administrative control of Higher Education Department, Govt. of Kerala.

Board of Governors

The Governance of the institution is done under the guidance of Board of Governors. The governing body of the institution is collectively responsible for overseeing the institutions' activities, determining its future direction, and fostering an environment in which the institutional mission is achieved. The BoG of the institution is chaired by Prof. V.G. Idichandy, Professor Emeritus, IIT Madras. The members of the BoG are as follows:

Sl.No	Name	Membership	Status and address
1	Prof. R. Krishna Kumar	Chairman, BoG	Professor, Dept. of Engineering Design, IIT Madras
2	Prof. (Dr) Kurian Issac	Member	Professor, Dept. of Aerospace Engineering, IIST, Trivandrum.
3	Er. Satheeshkumar R	Member	Head of Solar in Keltron controls, Aroor, Alappuzha
4	Prof (Dr). Shiny G	Member	Principal, Govt. Engineering College Barton Hill
5	Prof (Dr). Bijulal D	Member	Professor in ME, Govt. Engineering College Barton Hill
6	Prof (Dr). Shamna H R	Member	Professor in IT and UG(Dean), Govt Engineering College Barton Hill
Ex-Officio Members			
7	Higher Education Department , State Government Nominee		
8	Govt Finance Department ,State Government Nominee		
9	Director of Technical Education		
10	Director SPFU		

11	AICTE Nominee
12	University Nominee

College Academic Council

The College Academic Council consists of the Principal, the Deans, the Heads of all Departments, the senior most among the Science Faculty and Physical Education, one nominated faculty member from each Engineering Department, the Warden, Administrative Assistant and the College Student's Union Advisor. The Principal is the ex-officio president of the Council and the secretary is appointed by the council.

The administration of the college is done by the Principal. Some of the general administrative work of the college is distributed among the members of the college council and other faculty members. The council is empowered to consider the report on any question concerning accommodation, courses of instruction or rules of discipline referred to it by the Principal. However, it shall not interfere in any manner with the general administration of the college, which is invested with the Principal.

College Council

The College Council consists of all members of the College Academic Council, the College Union Chairman, the College Union General Secretary and two student representatives. The Principal is the ex-officio president. The College Council will convene in an emergency situations related to students' issues.

monthly reports to the District level committee that is chaired by the District Collector. The State level committee with Hon'ble Minister for Education as chair person will review the reports bimonthly and issue necessary orders.

committee

Attendance and leave regulations

Students are expected to attend all classes without fail. If for unavoidable reasons, leave of absence is required, permission from competent authority should be taken as given under.

Application for ordinary leave should be submitted to the staff advisor concerned who is competent to sanction leave up to a maximum of 3 days at a time. For periods beyond three days at a time, the Heads of Departments will be the sanctioning authority. Applications for ordinary leave will be considered only if submitted not later than three days from the date of return from leave.

(For more details refer RU-2, KTU Ordinance)

Medical leave

Students can apply to the Head of Department through the Staff Adviser for leave on medical grounds, within three working days from day of returning. A medical certificate should be attached with the application. The students should keep medical leave application duly sanctioned. In the event of a student falling short of attendance at the end of a semester, condonation of shortage of attendance will be recommended only if they produce record to prove that the leave had been applied for and granted in time.

Duty leave

Students are eligible for duty leave on recommendation from the concerned authority if they perform certain kinds of duty for the college like representing the college in sports and games and involving in the college union and association activities. Duty leave can be recommended only by the faculty members who are authorized to do so. Duty leave should be submitted to the Principal or to the designated authority, before the duty is performed.

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Students should submit duly filled application attached in the annexure, with supporting documents, if any, and make sure that the leave has been sanctioned in time. They should submit a copy of leave sanctioned to the staff advisor and keep the original with them and produce it as and when necessary.

Etlab-Campus Management System

The college has a very efficient and transparent computerized and centralised campus management system ,Etlab. Etlab, E-campus management system is a campus administration ERP developed by etuwa concepts, E-campus offers an integrated suite of software application to automate the campus,gives an edge in addressing all the administrative requirements of the institution with user specific login system with each personnel associated with the institution has a unique login.

Etlab implements a user specific login system, wherein each student and personnel that is associated with the institution has a unique login. The functionalities of each login are based on the role of the corresponding user in the institution. This enables the administrators, the faculties, the office staff, the students and the parents to interact with the system for their individual work and information.

Etlab helps the faculties to comprehensively monitor, record and document all the academic aspects including attendance in classes and study programs, performance in assignments, series examinations and other curricular and extracurricular activities of all the students. Thus, generating soft and hard copies of all necessary information for performance analysis and office purposes becomes effortless.

Guidelines for Industrial visit of B.Tech. Students

Ref:

- i. Letter No.11170/J2/13 from H.Edn. department, dated, Thiruvananthapuram 27.05.2013.
 - ii. Letter No. AICTE/Acad/Student Safety/2015 from AICTE, dated, 31.07.2015
 - iii. Circular No. C3/35065/2015/DTE from DTE, dated 14.3.2016
 - iv. College Council decision, dated 18.07.2017
 - v. G.O (Rt) No. 357/2022/HEDN dated 03-03-2022
 - vi. G.O(Rt) No. 379/2022/HEDN Dated 08-03-2022
-
1. A maximum of total 7 days will be permitted for industrial visit during the 4-year duration of the B. Tech. course
 2. These days should not overlap with any of academic calendar days
 3. Minimum 3 industries are to be visited as recommended by staff advisor and HOD
 4. The industrial visit should be limited or to a maximum round trip distance of 3000 kilometers
 5. The accompanying faculty should be strictly from the respective department.
 6. If there are girl students in the group, a lady faculty must also accompany the group.
 7. Before planning to go for industrial visit, the following procedures should be

completed by the student coordinator:

- a) Submit a panel of industries intending to be visited during the proposed tour.
 - b) The panel list should be approved by the staff coordinator for relevance and genuineness.
 - c) A letter seeking permission from industries to undertake industrial visit for the students during the specified dates is to be issued by the Principal.
 - d) Student coordinator should submit the permission letter from the industry to the Principal.
 - e) Students should produce consent letter from the faculty accompanying them for the Industrial visit.
 - f) The Industrial visit proposal should be initiated well in advance (at least two months earlier).
8. Bus/train seat/berth booking/reservation shall be made only after the final approval of the proposal by the DTE.
9. The visit will be sanctioned by the Principal only after verifying the genuineness of the permission letter from the industry.
10. It will be better if the Industrial visit is held between the semester break of 6th and 7th semesters.
11. Students should wear identity cards during the industrial visit.

12. Students should submit written permission from parents in the specified format.
13. Students should produce medical fitness certificate from a recognized medical practitioner.
14. Students should submit an undertaking that they will abide by the rules and guidelines throughout Industrial visit.
15. Night travel by road should be avoided.

The tour proposal which does not satisfy the above mentioned guide lines will not be entertained. In addition to the above, the norms/guidelines issued by the Government from time to time are also applicable.

The College Union

The college has a student's union. The objectives of the college union are

1. to train the students of the college in the duties, responsibilities and rights of citizenship.
2. to promote opportunities for the development of character, leadership, efficiency, knowledge and the spirit of service among the students.
3. to encourage sports, arts and other cultural, educational and recreational activities which are incidental and conducive to the above objectives.

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4. to work for the union, the term of which is generally one year from the date from which the union assumes office or till the date of the election to the union in the subsequent year.

The union has a union council comprising of the following office bearers.

1. The president of the union - Principal of the college(ex-officio)
2. The staff advisor nominated by the President
3. The Chairperson
4. The Vice- Chairperson
5. The General Secretary
6. Two Lady Representatives
7. The Counselor / Counselors to the KTU
8. The Secretary, Arts Club
9. The Chief Student Editor of the College Magazine
10. One representative from each degree course (year wise)
11. One student representing each post graduate course
12. Patron cum Treasurer
13. The Secretaries of the various sectional Associations
14. One Student who is the Sports Secretary nominated by the College
Union Executive Committee
15. One girl student belonging to Scheduled caste/Scheduled Tribe nominated
by the College Union Executive Committee

The office of the Vice Chairman shall be reserved for lady students. The offices (3) to (11) given above shall be filled by the election by all students of the college. The offices (13) to (15) by election by the students of the particular association or class as the case may be.

There shall be an Executive Committee for the union as approved by the KTU University.

Fees Details

B. Tech

Admission fee : Rs. 240

Tuition Fee : Rs. 6300 (per year)

Special fee (Revenue) : Rs. 1740

Special Fee(PD) : Rs. 370

Caution deposit: Rs. 1000

KTU Administrative fee: Rs. 1050

KTU sports fees and arts fees- 530/-

KTU Exam Fee: S1-`1995/- and S2-2205/-

KTU Affiliation fee:- S1-750/-

M. Tech

Admission fee : Rs. 240/-

Tuition Fee : Rs. 12600/-

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Special fee(Revenue) : Rs. 1740/-

Special fee(PD) : Rs. 1950/-

Caution deposit: Rs. 1500

KTU Administrative fee : Rs. 1050

Exam Fee : Rs. 2120/- for M1 and Rs. 2145/- for M2

Affiliation Fee:-1000/-

Students' Code of Conduct**Introduction**

In accordance with the direction of the Honorable High Court of Kerala in R.P.No.435/2003 all the universities and educational institutions in Kerala are required to lay down appropriate rules and regulations which will be binding on all the students studying there in order to ensure disciplined conduct on campus. This code of conduct formulated by the Academic Council, shall be applicable to all students admitted to any academic programme of Government Engineering College, Barton Hill. Each student of this institution is expected to become acquainted with the provisions of this code. A student admitted to any academic programme of the college is required to give an undertaking to the effect that he/she will strictly adhere to all provisions of this code. It is presumed that every student from the date of his/her admission to any academic programme of the college is aware of this code. The provisions of this code have been laid down with a view to ensure an atmosphere conducive to the proper functioning of the institution and to maintain a high standard of student discipline and academic excellence. Inherent in this endeavor is the responsibility of the institution to educate its students to be responsible, civic minded citizens. The College Council of the college shall have the authority to

amend any provisions of this code, as deemed necessary, from time to time.

1. Responsibilities of Student

To respect the law of the country, human rights, and the social and cultural values nurtured and followed by our society.

To avail all educational opportunities and benefits provided by the college to prosper academically and to discharge his/ her social responsibilities in tune with the vision and mission of the institution.

To foster and maintain a peaceful and enriching academic environment within the campus.

To conduct himself/herself in a manner befitting the status of a student of an institution of higher learning.

To be properly and neatly dressed within the campus, to follow the dress code in situations where it is explicitly specified, and to help in keeping the campus premises neat and clean.

To wear properly the identity card issued by the college while inside the campus or when representing the institution elsewhere.

To keep oneself fully aware of the letter and spirit of this Code of Conduct, and to bring any violations of the Code to the notice of the college authorities.

2. Grounds for disciplinary Proceedings

Any act in violation of the responsibilities outlined in Section 1 constitutes sufficient grounds for disciplinary proceedings.

2.1 Any act that causes or is intended to cause physical or psychological stress

or harm to any person.

Any conduct that causes unauthorized removal, destruction or damage of property either owned by or under the custody of the institution, or such acts on the property of others within the campus premises or at events organized/sponsored by the institution or when representing the institution.

Disorderly, indecent and obscene conduct within the campus premises or at events organized/ sponsored by the institution or when representing the institution.

Obstructing or disrupting the educational process by unauthorized entry into a class room or by causing disturbance from outside while a class/programme is in session.

Leaving a class while it is in session without obtaining permission from the teacher.

Organizing or attending any demonstration or meeting, distributing notices and collecting money for any activity for which prior permission from the Principal has not been obtained.

Display of banners, posters, flags, or notices except at places permitted for the same by the Principal.

Disfiguring the property of the college and the campus premises with graffiti, bills or engravings, and display of obscene or offensive material.

Unlawful obstruction or confinement of any student or official of the institution.

Possessing, using, distributing or being under the influence of alcohol or narcotics or other controlled substances and possession of any kind of

weapon while within the campus or at events organized/sponsored by the institution or when representing the institution.

Making comments which reflect gender-bias, or use of phones, e-mails or other forms of communication to transmit material or sexually explicit nature, or engaging in any activity which constitutes sexual harassment.

Organizing or taking part in skits, dances, dramas or any other programmes which defame/ insult students or staff members.

Use of social media to defame/harass any student or staff member of the institution.

Sitting on the main entrances and staircases of the buildings.

Committing malpractice during examinations, or engaging in any activity which violates the spirit and seriousness of examinations.

Using mobile phones inside the classroom and using camera/mobile camera inside the campus (in accordance with the judgement of the Hon'ble High Court of Kerala and relevant Government orders)

Rash or negligent driving within the campus, or bringing vehicles into areas other than those permitted for vehicles of students, or negligent parking of vehicles causing obstruction/disturbances to others or in violation of stipulated parking areas for students.

Academic malpractices like plagiarism, tampering with records, obtaining and distributing all or a part of any question paper etc.

Disrupting the academic ambience and tranquility of the institution by creating any disturbing noise on any pretext including celebration of birthday, festivals etc. using musical instruments and loud speakers without permission of the Principal.

Any other conduct which violates any of the responsibilities outlined in Section 1.

3. Disciplinary Sanctions

The College Council may impose disciplinary sanctions on students found violating the Code of Conduct. The Council may act based on prima facie evidence or subject to the recommendations of an enquiry committee appointed by it. Details of disciplinary sanction so imposed will be promptly conveyed to parents/guardians of the concerned student. The same shall be noted in the Student's Record.

Fine: The student will be directed to remit a monetary fine, either as a token punishment for the offence committed, or as compensation for the damages caused by him/her.

Suspension: The student will be put under suspension for a specified period of time, during which he/she will not be entitled to any of the academic rights and privileges provided by the college.

Debarring: The student will be debarred for a specified period of time from attending campus placements or/and from attending any/all of the examinations forming part of his/her academic programme. (in accordance with University rules wherever applicable)

Expulsion: The student will be expelled from the institution and will be permanently debarred from readmission to any of the academic programmes conducted by the college.

Any offence coming within the purview of Indian Penal Code, or incidents of ragging or sexual harassment, will be reported to the Police to be dealt with as per the provisions of the law of the land. In addition, action as per the relevant provisions of the Code of conduct will be

initiated against the offender.

4.Anti-Ragging Initiative

Ragging in any form is prohibited and any incidence of indulging in ragging will be reported to the police. Ragging is a non bailable offence. Ragging may also attract punishment as per section 4 of the "The Kerala Prohibition of Ragging Act 1998" which leads to imprisonment, for a term of maximum 2 years and a fine for ten thousand rupees in conviction.

Ragging: - Ragging constitutes one or more of any of the following acts:

- i. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness to a fresher or any other student.
- ii. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.
- iii. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.
- iv. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.
- v. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.

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- vi. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students.
- vii. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person.
- viii. Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.
- ix. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

A "Fresher" means a student who has been admitted to an institution and who is undergoing his/her first year of study in such institution.

Actions will be taken against students for indulging and abetting ragging depending upon the nature and gravity of the offence as established. The possible punishments for those found guilty of ragging at the institution level are any one or any combination of the following: -

- i. Cancellation of admission
- ii. Suspension from attending classes
- iii. Withholding/withdrawing scholarship/fellowship and other benefits
- iv. Debarring from appearing in any test/examination or other evaluation process

- v. Withholding results
- vi. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- vii. Suspension/expulsion from the hostel
- viii. Rustication from the institution for period ranging from 1 to 4 semesters
- ix. Expulsion from the institution and consequent debarring from admission to any other institution.
- x. Collective punishment: when the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.

In case of ragging, you may directly contact in person or over phone to your staff advisor or any one of the following persons:

Principal	: Dr. Shiny G	9446485056
HoD - EC	: Dr. Hari.R	9447725443
HoD - IT	: Dr. Haripriya A P.	9446084405
HoD - ME	: Dr. K Bindu Kumar	8129401020
HoD – EEE	: Dr. Francis M Fernandez	9074866202
HoD - CE	: Dr. Thulaseedharan V	9567896655

An anti-ragging monitoring committee has been constituted in this institution as per the guidelines issued by the Principal.

24 Hours Help-line

Toll free Number: 1800-180-5522

Helpline Number: 9895855239

District Legal Service: 0471 2595173, 0471 3257335

e-mail: helpline@antiragging.net

Prohibition of Mobile phones, Cinematic dances, Fashion shows etc.

- Ref:-
1. GO (Rt) No.346/05/H.Edn dated 1-3-2005
 2. Go (Rt) No.1102/05/H.Edn dated 24-06-2005
 3. Govt. Circular No.30115/K3/2009/ H.Edn dated 10-2-2010
 4. Circular No.EK1/2002 dated 23-11-2002 of University of Kerala

As per the vide references cited above, Government have given specific instructions to restrict the use of mobile phones and prohibit fashion shows and vulgar dances in the campuses. Accordingly, institutional level Ethics committee has been constituted with the Principal as Chairperson. In compliance with the order of Hon'ble High Court of Kerala and the instructions issued by the Government a surprise inspection squad is also constituted in the institution to ensure the compliance of instructions issued. The squad is empowered to conduct surprise inspections in the campus and will furnish reports to the Principal and Ethics Committee for further necessary action. As per the instructions given by the Government, the Ethics committee will forward monthly reports to the District level committee that chaired by the District Collector. The State level committee with Hon'ble Minister for Education as chairperson will review the reports bimonthly and issue necessary orders.

In these circumstances, all are directed not to bring Mobile phones with camera or ordinary phone in switch on position to the campus. No excuses will be entertained.

Also, the use and possession of mobile phones, pagers, programmable calculators, digital diaries and any other transmitting electronic devices are not to be allowed inside the examination halls. Any violation of this stipulation will be treated as malpractice.

Timings

The college will function from 9 am to 4 pm for all semesters, with one hour break from 12 noon to 1 pm for lunch. On Fridays the afternoon session will start at 2 pm. Saturdays and Sundays are usually holidays for academic works in the college.

Scholarships and stipends

1.National Scholarship Scheme

In order that no really brilliant student is prevented on the ground of poverty alone from pursuing an academic career, Government of India have formulated a National Scholarship Scheme, which will be awarded on the basis of the marks in the School Leaving examination, Higher Secondary examination or the first Degree examination. The award will be limited to scholars, the income of whose parents does not exceed Rs. 2,50,000 per year.

PRAGATI Scholarship Scheme for girl students (Technical Degree)

The girl candidate admitted to First year of Degree. OR Second year Degree level course through lateral entry. The income limit to avail the scholarship is Rs. 8 lakh per annum during the current financial year.

SAKSHAM Scholarship Scheme for Specially Abled Student (Technical Degree)

The candidate admitted to First year of Degree. OR Second year Degree level course through lateral entry. This scholarship is applicable to specially-abled student, having disability of not less than 40%. The income limit to avail the scholarship is Rs. 8 lakh per annum during the current financial year.

AICTE – SWANATH Scholarship Scheme (Technical Degree)

This scholarship is applicable to those students whom are (i) Orphan OR (ii) Either or both parents died due to Covid 19 OR (iii) Wards of Armed Forces and Central Paramilitary Forces martyred in action (Shaheed). The income limit to avail the scholarship is Rs. 8 lakh per annum during the current financial year.

Post Matric Scholarships Scheme for Minorities

This scheme of fellowship is applicable for meritorious students from minority communities .To avail this scholarship they should have secured 50% marks in the qualifying examination and the annual income of parents or guardians from all sources shall not exceed 2 lakh.

Merit Cum Means Scholarship For Professional and Technical Courses CS

This scheme of fellowship is applicable for poor and meritorious students belonging to minority communities. To avail this scholarship they should have secured 50% marks in the qualifying examination and the annual income of parents or guardians from all sources shall not exceed 2.5 lakh.

Post-matric Scholarship for Students with Disabilities

This scheme of fellowship is applicable for Class XI to Post-Graduate Degree/Diploma. To avail this scholarship the annual income of parents or guardians from all sources shall not exceed 2.5 lakh.

Post-matric Scholarship (For Class XI to Post-Graduate Degree/Diploma)

This scheme provides scholarship for availing top class education for graduate and post-Graduate Degree/Diploma in notified institutes of excellence in education. To avail this scholarship the annual income of parents or guardians from all sources shall not exceed 8 lakh.

Financial Assistance for Education of the Wards Beedi/Cine/IOMC/LSDM Workers - Post-Matric

This scheme of fellowship provides financial assistance for education of the Wards of Beedi/Cine Workers (Scholarship). Monthly income of the worker's family from all sources should not exceed Rs.10,000/-

CENTRAL Sector Scheme of Scholarships For College And University Students

This scheme of fellowship provides financial assistance for the students who have secured 80% and above marks in qualifying examination. . To avail this scholarship the annual income of parents or guardians from all sources shall not exceed 4.5 lakh.

2. Egrantz 3.0

Online Centralized System for Disbursement of Scholarships/Schemes for all Pre-matric and Post-matric Students of SC, ST& OBC community in the state of Kerala. This scheme of fellowship is applicable to all the students who belongs to Scheduled cast, Scheduled tribe and Other Eligible Caste. For the students belong to OBC category, annual income parents or guardians from all sources shall not exceed 1 lakh. For the students belong to OBC(Handicapped) category, annual income parents or guardians from all sources shall not exceed 6 lakh. For the students belong to GENERAL / EWS category, annual income parents or guardians from all sources shall not exceed 1 lakh.

CH Muhammed Koya Muslim Scholarship

This scholarship is given by the Government of Kerala to girl student permanently settled in Kerala and belonging to the Muslim or Latin Catholic or Converted Christians Community. Applicant should have secured at least 50% marks in the qualifying Examination. The annual income of the family should be below Rs.4,50,000.

SNEHA POORVAM Grant

This scholarship is applicable for Children who have lost either father or mother or both. This scheme of fellowship is applicable Children who belongs to BPL category. For children belonging to APL category, annual income should be below Rs. 20,000 in rural areas (Local body / Grama Panchayat) and Rs. 22,375 in urban areas (Corporation / Municipality).

Dress code

All students must wear dress formal only. T-Shirts and other casual wears will not be permitted. When they come to laboratories and workshops, they should wear blue pants and slacks. In addition, they have to wear shoes. Loose chappals and the like will not be permitted.

Identity card

An identity card with photograph will be issued to all students. Students must wear the same always when they come to the college and must produce the same on inspection. The identity card is the property of the institution and has to be returned while relieving from the institution.

2 ACADEMIC DEPARTMENTS

A Mechanical Engineering

The Department of Mechanical Engineering at Government Engineering College, Barton hill was established in the academic year 1999 and is now headed by Dr. Bindu Kumar K. The department offers a four-year B.Tech course in Mechanical Engineering and M. Tech course in Machine Design. Most of the students passed out from the department are working in top ranked international and multinational companies. A number of students from the department pursue their higher studies at IITs and IIMs and also at top ranked foreign universities. The academic focus of the department is to impart state of the art technical knowledge to the students. Conceptual understanding supported with experimental knowledge moulds our students competent enough to face the technical challenges of our nation. The faculty of Mechanical Engineering is well qualified and academic as well as industrial expertise is not at dearth.

- Vision

Identify ourselves as a globally recognized department for its outstanding education, research, and outreach programs that transform our students into competent, innovative and socially responsible engineers.

- Mission

- Impart quality engineering education to students by providing scientific, technical and mathematical skills.
- Impart training on leadership skills, communication skills and social awareness to transform the students into engineering professionals with integrity.
- Nurture capabilities in research, innovation and sustainability to

make the students globally competitive.

- Network with renowned institutions in industry, academics and research.

- Program Educational Objectives [PEOS]

PEO1 To prepare students for successful careers in industry/ research/ academics/ administration and to become successful entrepreneurs.

PEO2 To train students with solid foundation in mathematics, science and engineering to develop innovative and sustainable solutions for engineering problems and new products.

PEO3 To equip students with the necessary skills, attitudes and ethics to undertake and execute challenging problems based on societal and environmental needs as well as to develop ability to relate engineering issues in a broader social context.

PEO4 To prepare students with capabilities for effective communication, management and team work through a multidisciplinary approach.

PEO5 To provide an environment that promotes leadership qualities, provides awareness to latest developments in engineering practices and creates a quest for lifelong learning.

B Electronics and Communication Engineering

The Department of Electronics and Communication Engineering in Government Engineering College Barton Hill, Thiruvananthapuram was established in 1999. Dr. Hari. R is the Head of EC Department. The students in the department are instructed, guided and motivated by a team of vibrant, highly qualified faculty. The department is equipped with state of art lab facilities, modernized with TEQIP II funds. The department currently offers a B. Tech Program in Electronics and Communication Engineering with annual intake of 60 students. It also offers M Tech program in Signal Processing with an intake of 18 students.

Vision

- A learning hub in electronics and communication engineering, that enables students develop engineering fundamentals, and that builds bidirectional bridges with leading industries and world class research centers.

- Mission
 - Establish a learning environment that enables students build the fundamentals and study advanced disciplines related to electronics and communication engineering.
 - Promote innovation and aptitude for research by exposing students and faculty into new areas of technology.
 - Provide an ethical and value-based education by encouraging activities addressing societal needs.

- Program Educational Objectives [PEOS]
 - PEO1 Basic Knowledge: Represent, analyze and synthesize systems making use of theoretical knowledge, experimental data, and practical insight, arising in the fields of analog and digital integrated circuits, signal processing, communication, control, radio frequency applications and microprocessor based applications.
 - PEO2 Technical Proficiency: Identify the advanced intra/inter disciplinary areas associated with electronics and communication engineering, informed by contextual knowledge on contemporary industry, research and societal needs, and formulated the related problems.
 - PEO3 Professional Soft skills: Adapt to the very fast technological changes in the field of electronics and communication engineering; be able to articulate the ideas and principles combining both mathematical precision and engineering intuition; be able to work in a collaborative environment keeping up ethical values.

The Department of Information Technology at Government Engineering College, Bartonhill was established in the academic year 1999, offering a four year B.Tech. course in Information Technology and M.Tech course in Network Engineering. The department takes special efforts to impart technical knowledge to the students. The department is headed by Dr. Haripriya A P. The students are focused with the use of conceptual understanding of core domain area in Computing as well as enhanced programming skills disseminating their analytical abilities.

- Vision

To be a Centre of higher learning in Information Technology that imparts quality engineering education and fosters innovative research reaching out to the society.

- Mission

M1. Establish a conducive learning environment in the field of Information Technology.

M2. Mould IT professionals with ethical values to address the needs of the society.

M3. Collaborate with academic, industrial, and research organizations of repute.

- Program Educational Objectives [PEOS]

PEO – 1 Achieve professional competency in the field of Information Technology to become successful IT solution providers and entrepreneurs.

PEO – 2 Acquire scientific and engineering knowledge to pursue higher education and research.

PEO – 3 Become professionals with effective interpersonal skills,

leadership qualities and social concern. PEO – 4 To equip the students to become globally successful professionals and to instill in them a good sense of professional ethics and social concern.

D Civil Engineering

The Department of Civil Engineering was established in the year 2012 in Government Engineering College, Barton Hill, Thiruvananthapuram with an annual intake of 60 students. The department is headed by Dr. Thulaseedharan.V. The experienced, well-qualified and dedicated faculty of the department motivates and guides the students in their overall development. In order to expose them to the latest technological developments within the field, various visiting faculty programmes, invited talks by academicians, training programs and Quiz programmes are continuously being organized.

- Vision

To produce competent, disciplined and quality Civil Engineers with strong conceptual foundation coupled with practical insight and global perspective.

- Mission

- Create and maintain an optimal teaching and learning environment in which students receive unsurpassed knowledge, skills, insights and the tools for life-long learning in the field of Civil Engineering.
- Develop a Centre of Excellence in the field of Civil Engineering.
- Inculcate a tradition among students to appreciate service to society.

- Program Educational Objectives [PEOS]

PEO1 To produce well qualified professionals with a profound

knowledge in Civil Engineering and principles of mathematics and science, reaching for advanced degrees in engineering and related fields at leading institutes.

- PEO2 To train students to effectively communicate and implement technological concepts and design and to work as a team in multidisciplinary environment to excel in their careers.
- PEO3 To equip graduates in identifying, analyzing and formulating solutions to complex engineering problems catering to global needs in the field of Civil Engineering, by applying modern, sustainable and eco-friendly technologies.
- PEO4 To produce graduates who will contribute with creative solutions to existing technological problems pertaining to society, adherent to societal moral values and professional ethics.
- PEO5 To nurture students to be well prepared for the industry with core engineering competency, comprehensive knowledge of modern engineering tools and good managerial skills that will enable them to have a long term engineering / entrepreneur-ship careers.

E Electrical and Electronics Engineering

The department of Electrical and Electronics Engineering in Government Engineering College, Barton Hill, Thiruvananthapuram was established in 2007. The department offers a four year B.Tech course in Electrical and Electronics Engineering and two M.Tech programs, M.Tech in Power Systems and Control and M. Tech. in Power Electronics and Drives. Dr. Francis M Fernandes is the Head of the Department. The department gives emphasis to academic as well as extra curricular activities of the students by training them for improving their leadership qualities, presentation skills, organizing skills etc from the entry level itself.

- **Vision**

Attain the zenith in Electrical and Electronics engineering with emphasis on innovative research, design and development for the

betterment of the society and nature.

- Mission

Mould socially committed and dedicated professionals in the field of Electrical and Electronics Engineering through continuous learning that imparts technical expertise, leadership qualities, ethical standards and moral values.

- Program Educational Objectives [PEOS]

PEO – 1 To mould graduates well versed in various engineering concepts and make them capable of pursuing higher education by imbibing knowledge on applied mathematics, fundamental sciences and engineering principles.

PEO – 2 To nurture socially committed professional team players with multidisciplinary talents, values, ethics, and communication skills to bridge the gap between engineering knowledge and societal needs.

PEO – 3 To provide an excellent environment that fosters creativity, lifelong learning and leadership qualities which enable them to contribute in the area of research and development as anticipated by the industry and the academia.

PEO – 4 To impart broad and in-depth knowledge of Electrical and Electronics Engineering to address various technological challenges with focus on sustainable development.

F Department of General Science

The department has total faculty strength of nine including two Associate Professor, three Assistant Professors and four Guest lecturers. Most of the faculty members are Ph.D holders from reputed universities. Noteworthy

points regarding research of faculty members include research experience in premier institutions abroad and highly cited publications in international peer reviewed journals of repute. The faculty members of Mathematics are engaging classes for B.Tech Students up to fifth semester and the first semester of various M.Tech courses. The department is equipped with lab facilities for Engineering Physics and Engineering Chemistry courses. The faculty members of this department have been extending their support to the B.Tech and M.Tech students for the successful completion of their projects.

G Physical Education

Quality Physical Education programs can be life-changing for today's young people and, in many cases, already are. Such programs offer students a well-rounded opportunity to develop their bodies and minds to gain skills that will propel them to success in both the physical and academic aspects of education and life. Keeping this in mind the department of Physical Education offers many programmes both competition and education based. Apart from the regular programme the department scheduled to give learning and training programmes to students as their own choice. All the training programmes are scheduled nearby stadiums and college fitness centre. Various workshops and classes have been scheduled for the students as well as faculties in different areas such as self-defense, concentration; motivation etc. Inter Class competition is the important event and there by all the students of each class will engage in one or more games or sports.

2.1 ASSOCIATIONS

A Mechanical Engineering Association

It represents the student wing of the Mechanical Engineering Department.

The Association arranges various technical forums and core industrial interactions. Seminars, Debates and Group discussions are conducted to improve the communication skills of the students.

B Electronics Engineering Association

The Electronics Association is a forum set up for the overall development of students. Its main programs include arranging technical talks by eminent people in various fields of engineering. The association conducts a variety of programs aimed at improving communication skills as well as basic technical knowledge of the students. Every year the association organizes a mini project exhibition '*e-spark*' for pre-final year students.

C IT Association

The IT association functioning in the college is organizing various programs for bringing the state-of-the-art technology to the students. Invited talks, seminars, workshops on new technologies, training on real time projects with IT industries etc. are envisaged by the association. The association also plans inter/intra-collegiate competitions on technical paper presentations, coding and code debugging, system design, web design, code testing etc. Campaigning will also be made to develop the culture of using open and free software among the students inside and outside the college.

D Electrical Engineering Association

The primary aim of the association is to promote and develop contacts between students and professionals. The sharing of ideas and experience among electrical engineering students is made possible through workshops, exchanges and other activities. The electrical engineering aspects are

expressed through workshops, the most important activity of the association. During the workshops, lectures are presented by specialists from the industry and universities and discussions are conducted in small group sessions. Subjects are selected from new technologies and special fields of electrical engineering including Power Systems. Industrial visits are also part of the activities of the association.

E Civil Engineering Association

The Association of Civil Engineers conducts various programmes including expert lectures, technical competitions and exhibitions for the overall development of Civil Engineering students. It is a platform for students to interact with professionals working in various fields of Civil Engineering. The association aims to create a genuine passion towards this basic stream of Engineering such that students emerge as successful practicing engineers and also to give proper guidance for those who are opting for higher education. It also enables the students to showcase their talents.

3 FACILITIES

Laboratories

A Mechanical Engineering

(a) CAD Lab:

Provides training in programming languages such as C and C++, Autocad, Designing, Modelling and analysis, ansys.

(b) Heat transfer laboratory:

The lab is equipped with arious experimental setups like composite wall, metal rod, lagged pipe, forced convection, free convection, blower,

refrigeration test, air conditioning test and multistage compressors, emissivity apparatus, heat pipe apparatus, Stefan Boltzmann Heat Exchanges, Pressure and Temperature Calibrators and Pitot Tube.

(c) Metrology and Instrumentation laboratory:

It is equipped with basic measuring instruments and modern instruments like sine bar, profile projector, metallurgical microscope, tool maker's microscope, autocollimator, surface roughness tester, LVDT, CNC machines, robot, PLC trainer, strain gauges etc.

(d) Automobile model room:

Scooter engine with transmission system, differential unit, clutch unit, gear box etc.

(e) Basic mechanical engineering workshop:

Facilities include fitting, carpentry, smithy, foundry, sheet metal, plumbing etc.

(f) Fluid Mechanics and Hydraulics Machines Lab:

The lab is equipped with flow measurement set up's such as orifices, notches, venturimeter, pipe friction apparatus, metacentric height apparatus, Bernoulli's theorem apparatus, Reynolds experiment set up, Pumps and Turbines, Computerized Turbine Test Rigs.

(g) IC Engines lab:

The lab is equipped with two stroke and four stroke single cylinder and multi-cylinder petrol and diesel engine test set up with different types of loading systems, Morse test facility, Retardation test facility, Heat balance test facility, fuel and lubricant properties test facility, compressors and blower.

(h) Non Destructive Testing Facility:

This facility is equipped with ultrasonic flaw detector and thickness gauge, magnetic particle testing Eddy current flow detector and Penetrant testing. It has got ASNT standard test specimens for complete training.

(i) PG Labs:

PG computational lab:

Lab is equipped with computer systems with softwares ANSYS, ABAQUS, CATIA, etc

PG dynamics Lab:

Lab is equipped with facilities like UTM, DAC system, Composite fabrication.

B Electronics and Communication Engineering

The Department of Electronics and Communication Engineering has well equipped labs such as

(a) Electronics Devices Lab:

This is the entry level lab conducted at third semester. The lab is equipped with several Functions Generators, Panel meters, DC power supplies, over a dozen entry level Oscilloscopes (CRO), and one digital LCR meter.

(b) Digital Integrated Circuits Lab:

This is where the digital electronics experiments are conducted. Lab

contains Digital trainer kits and Digital and Analog IC testers and Digital and Analog Multimeters.

(c) Electronics Circuits Lab:

Discrete components based basic electronic circuits experiments are conducted in this lab. The lab has DC power supplies and signal generators and 10 numbers of Digital Storage Oscilloscope.

(d) Analog Integrated Circuits Lab:

Advanced Analog Integrated Circuits based experiments are conducted in this lab. Facilities include 60MHz DSOs, Function Generators, DC power supplies, and Analog IC tester.

(e) Communication Engineering Lab:

It contains one high end DSO, Six numbers of 60MHz DSOs, 6 Function generators, and 10 numbers each Digital and Analog trainer kits. The lab also contains high end CROs, Function generators, DC power supplies and LabVIEW virtual instrumentation software.

(f) Microcontroller Lab:

Xilinx ISE design suit 10.1, Tanner T-Spice full version, Spartan 3/3E development board, BF 537 Development boards, 8051 development board, PIC development boards are also available for conducting experiments and projects. These are funded from AICTE, under the MODROBS project (net worth INR 8.00Lacs). The lab is also equipped with 8086 and 8085 trainer kits and its various interfacing cards.

(g) Electronic Product Design Facility (Mini project Facility):

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Students are making use the pooled resources from all the labs for their Mini project and final year projects (course Nos. 08.608, 08.710 and 08.808).

(h) Communication Systems Lab:

Equipments in this lab include Digital/Analog Communication Trainer kits, Function generators, AM/FM Signal generators, Projectors and One HPLaserjet Printer (HP 1007).

(i) Digital Signal Processing Lab:

Several DSP Starter Kits including TMS320C54X, TMS320C6713 and TMS320C6416 with accessory boards and associated bundled softwares. Purchase of additional DSKs in progress.

(j) Microwave and Optical Lab:

This lab contains Klystron Power Supplies, Klystron Sources, Gunn Diode Oscillators, Gunn Power Supplies and VSWR and Microwave Frequency meter to conduct various experiments at Microwave frequencies. The lab also contains Optical trainer kits for conducting Optical Communication experiments.

C Information Technology

The Department of Information Technology has four laboratories and a central server room. The department has the necessary software and hardware infrastructure for the conduct of all the 10 laboratory/practical subjects in the B.Tech and M.Tech curriculum. All the student projects are done in-house. Each laboratory room has

networked printers over Ethernet LAN. Although the emphasis is on the use of Linux and open source software, other popular proprietary software platforms are also supported. In addition, the department provides the necessary technical support for the smooth functioning of the campus-wide network in the college. A 100 Mbps internet connection via firewall and proxy server is provided to the entire campus through fiber optic links. The department is one of the nodal centers for the facilitation of the Centralized Allotment Process (cap) for admission to professional courses.

(a) Server Room:

This room has 5 server machines with scsi/sata drives, raid-5 capability, cd towers, routers, hubs and cable modem, housed within a central rack. Different servers are set apart for managing various activities. The OS platforms provided are Enterprise Linux, Windows Server and Solaris. A Software-testing Laboratory with hp Functional Testing software has also been set up under the modrobs project of aicte. The server room is also having the facilities like 2 IBM rack server, 8 HP blade server, Fortigate 200B (UTM), SAN storage, Forti Analyzer.

(b) Web Application Development Laboratory:

This lab has 72 systems with full-fledged audio video facilities. This lab is also used for conducting online examinations. The lab is provided with a projector and a motorized screen which facilitates in conducting expert talks.

(c) Internet Laboratory:

This lab runs on thin-client machines running under Enterprise Linux

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as well as desktops running under Windows. 36 terminals are provided for Internet connectivity and running various software labs in the curriculum.

(d) **Programming Lab:**

This lab has 64 desktops with full fledged audio video facility. The lab is provided with a projector and a motorized screen which facilitates in conducting expert talks.

(e) **Network Security Laboratory:**

This lab has 24 cisco routers, switches, high-speed modems and 23 dual-boot desktop machines. A wireless lan laboratory with wireless access points/routers, wireless site survey kit and other equipment set up under the modrobs project of aicte.

(f) **Project Laboratory:**

This lab is equipped with 25 desktops, CrossWorks for arm and Quel Net software.

(g) **Research Lab:**

This lab is equipped with 15 desktops, one projector and a motorized screen to conduct PG Labs.

As additional activities various online exams are performed in the laboratories like CMAT, NASSCOM, ASAP, Federal Bank, Campus placement of Infosys, Mu Sigma, Capgemini etc

D Electrical and Electronics Engineering

(a) **Electrical Machines Lab:**

This laboratory is equipped with different types of DC Motors like

Series, Shunt and Compound Motors, Motor-Generator sets, Single and three phase Transformers, Auto Transformers, Single and three phase Induction Motors, Alternators etc. The machines are provided with suitable starting and loading arrangements for conducting various tests to analyze their performances. Measuring instruments such as Voltmeters, Ammeters, Wattmeters, Tachometers etc. of various ranges and types are also available for conducting the tests on the machines as per the B.Tech curriculum.

(b) Digital Circuits and Electronic Circuits Lab:

The lab is fully equipped with the facilities to conduct all the experiments in Digital Circuits and Electronic Circuits as per the prescribed syllabus of KTU. Making use of the facilities in the lab, the students can do project works for their final year of study.

(c) Electrical and Electronics Workshop:

This workshop gives hands on training to the students on different types of Domestic, Commercial and Industrial wiring. The workshop also equipped for conducting experiments in Basic Electronics Circuits which is part of the curriculum of B.Tech Syllabus.

(d) Microprocessor Lab:

This lab is equipped with the facilities to conduct all the experiments with 8085 and 8086 Microprocessors including interfacing devices and also 8051 Microcontroller kit.

(e) Measurements and Instrumentation Lab:

This lab is equipped with Vernier Potentiometer, Slide wire Potentiometer, Wheatstone Bridge, Kelvin's Double Bridge, 3phase and single phase Autotransformers, Voltmeters, Ammeters,

Galvanometers, Screw Gauges, Stop watches, Volt ratio boxes, Standard cells, Standard resistances, DC Power Supplies, Function Generators, Digital Storage Oscilloscopes, CROs, Water loads, Resistance boxes etc. Calibration of single phase and three phase Energy Meters by different methods, calibration of Voltmeters, Ammeters, Wattmeters, different methods of Resistance measurements, determination of B-H curve of specimens and Operational Amplifier based measuring experiments are conducted in this lab.

(f) Power Electronics Lab:

Power Electronics Lab is equipped with Trainer kits to plot characteristics of various Power devices like SCR, TRIAC, IGBT, MOS- FET as well as Power device modules for switching operation using various switching methods. Converter, Invertors, Coppers, Cyclo converters etc are setup for experimental purpose. Necessary equipment/meters as Function Generators, Analog/ Digital Storage Oscilloscopes, Power scopes, Multimeters, Power/Isolation Transformers are available. The PE lab is recently enhanced into a research lab installing modern Power Quality Analyzer, Photo Voltaic training system and advanced Grid tied Research system.

(g) Systems and Control Lab:

Systems and Control lab facilitates the students to characterize the systems with Transfer Functions and their Stability Analysis using conventional control system methods like Root Locus, Bode Plot, Nyquist Plot etc. This lab also demonstrates the principles of Stable System Design using hardware such as DC and AC Servo Motor kits, AC Synchro System etc. and the software simulation packages such as MATLAB. The lab equips the students to apply the Control System

principles in practical design problems.

(h) Software Lab cum Power System Simulation Lab:

The Software lab has sufficient number of PCs in a network installed with latest software packages like C, C++, Fortran, e-Tap, Mipower and MATLAB. It houses both the hardware and software enhancements to provide our B.Tech and M.Tech students for their curriculum syllabus and also for the research work in the field of Power System.

(i) Power System Lab:

Power system lab is equipped with various experimental setup such as Transmission Line trainer, Insulation and Earth Meggers, various types of Relay test kits.

Electrical Maintenance unit of the department undertakes urgent Electrical installations and maintenance of the whole campus using the facilities in the lab.

E Civil Engineering

(1) Civil Engineering Workshop Lab:

Provides training in setting out of buildings, brick masonry, testing of construction materials and quantity estimation.

(2) Strength of Materials Lab:

The lab is equipped with Universal testing machine(UTM), Spring testing machine, Impact testing machine, Hardness testing machine, Torsion testing machine and torsion pendulum.

(3) Survey Lab:

The lab is equipped with Total station, Dumpy level, Prismatic

compass, Subtense bar, Planimeter, Theodolites and Plane tables.

(4) Concrete lab:

The lab has facilities for testing cement, aggregates, fresh concrete and hardened concrete.

(5) Geotechnical Engineering Lab:

The lab has facility for testing the various parameters of soil.

(6) CAD Lab:

Provides training in analysis and design of steel and concrete structures in SAP as well as drawing in AUTOCAD.

(7) Transportation Engineering Lab:

The lab has facility to test pavement materials like soil, bitumen and aggregates.

(8) Environmental Engineering Lab:

The lab facilitates testing of water and sewage.

F Physics lab

The lab has experimental setups for doing basic Engineering Physics experiments. These include experiments based on acoustics and basic optics phenomena such as diffraction, dispersion, interference etc

G Chemistry lab

The lab is equipped with facilities for Quantitative Inorganic analyses, Organic Polymer preparations and some of the instrumental methods of Chemical analyses which are incorporated in the syllabus of S1/S2 B.Tech courses of APJ Abdul Kalam Technological University.

H Language Lab

The Language lab has been set up as a means of improving the communication skills of the students of the college, especially the weaker sections. It's being offered as part of KTU s1 and s2 curriculum. A subject trained faculty is engaged to handle the classes.

Career Guidance and Placement Unit (CGPU)

The Career Guidance and Placement Unit (CGPU) of the college is actively organizing many events for the students to get placements in reputed organizations. There are good track records regarding campus placements took part in the previous years. Organizations like Infosys, TCS, Wipro, Accenture, VSNL, HCL, DELL, IBS, Larson and Tubro, Greaves Cotton, Anglo-Eastern Ship Management, Computer Science Corporation, Informatica, Nest, US Technology, Oracle, Capgemini, Mercedes, Benz, Alcatel, Quest Global, Musigma etc. have come to our campus for recruiting students. The organizations specify the academic requirements, and only those candidates having such eligibility will be considered for the selection process. The students are informed about the recruitment programs, and if necessary special coaching programs will be arranged for them to get through the selection process. Trainings on soft skills, group discussions, how to face interview etc are being conducted on a regular basis. Master trainers from outside are also invited to campus for giving training to our students on various skills so as to empower them in attaining good placements. Classes are also being arranged for enlightening the students to pursue higher education in India and abroad. Industry experts are also invited to campus for giving exposure on various state-of-the-art technologies. Guidance will also be given to students for choosing best career options. Entrepreneur development programs are also arranged by the unit for the students. A core committee with representatives from

prefinal year students of all batches facilitates the activities of the unit.

The training wing of CGPU functions with a view to enhance the soft skills and employability of the students by way of organizing expert lectures, special classes and various training programs. Training programs are organized on various fronts such as interpersonal skills, linguistic and quantitative abilities as well as technical proficiency. Dr .Rakesh. P, Associate Professor, Department of Mechanical Engineering is the Coordinator in charge of CGPU.The following table shows the recent placement statistics from each department

Dept	No.of students	No. of students placed	Total offers
CE	68	10	11
EEE	63	26	36
ECE	66	38	79
IT	67	33	52
ME`	66	17	20
Total	330	124	198

Company wise placement status of branches							
Sl.No	Company Name	CE	EEE	EC	IT	ME	Total
1	Cognizant	7	11	16	8		42
2	Envestnet		1	2	2		5
3	Experion			3	6		9
4	EY		2	8	5		15
5	IBS			5	8	9	22
6	Qburst		2	6	1	1	10
7	Quantiphi			4	4		8
8	Sada	2	9	12	10	1	34

9	Sperdian			1		1	2
10	SOTI			1			1
11	TCS	2	2	6	2	2	14
12	TCS Digital		1		1		2
13	Tech Mahindra			1	2		3
14	Travancore Analytics			1			1
15	Visteon			1	1		2
16	Zia Semiconductors		5	8			13
17	Federal bank		1	2	1	4	8
18	Acsia					1	1
19	ECS Fin		2	2	1	1	6
	Total	11	36	79	52	20	198

Industry-Institute Interaction Cell (IIIC)

Industry-Institute Interaction Cell in this college function as a forum of interaction between industries and the college, for mutual benefit. A committee consisting of representatives from industry and the faculty used to monitor the activities of the cell.

Industrial Training

The Departments of the college facilitate an Industrial attachment programme to give the students a real feel of the work culture. Industrial training where carried out in the reputed firms such as kal, brahmos, Cochin Shipyard, Hyundai Motors, Toyota Kirloskar Motors, Travancore Titanium Ltd, KELTRON, BSNL, AIR etc.

The Visiting Faculty Program

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The visiting faculty program was introduced in various engineering colleges by the Government of Kerala. Under this program expert from industries and reputed research institutions are invited to deliver lectures to conduct seminars on latest technological and scientific developments. Distinguished faculty from prestigious academic institutions (IISc Bangalore, IIT Madras, IIT Bombay, IIT Kharagpur, IIST, NIT Trichy, NIT Calicut etc) and experts from industry visited the college and delivered lectures on a host of topics ranging from core concepts to cutting-edge technologies.

IPR Cell

Intellectual Property Rights (IPR) cell has been setup in the college. This cell functions as a satellite centre for Patent Facilitating Centre of TIFAC, Government of India. The major objectives of the centre are to organize technical programmes to generate awareness among public on Intellectual Property Rights (IPR) and thus nurturing students research scholars, scientist, technocrats, professionals, industrialists, grass root innovators, etc. It aims to increase the Intellectual Property output of the State by facilitating and guiding people from different walks of life. The cell will provide technical, legal and financial assistance for filing patent and facilitates to access patent related documents.

Free Software Cell

Free Software Cell is an initiative by the students of GEC, Barton Hill to promote the usage of free software in technical and personal computing domain as well as to appreciate the philosophy behind open source initiatives among the students and public. The website of the cell www.fsc.gecbh.ac.in is solely managed by the students using free software technologies.

College Library

The college is having a full-fledged library with a good collection of books which cater to the needs of students. Periodicals and technical journals are available in the library. A separate reference section is also arranged for the students to read various topics of their interest. Good collection of books, under the book bank scheme has been implemented. Various E-Journals like IEEE, ASME, ASCE, Springer, Science Direct etc. are available in the library. A computerized library information system with easy search facility has also been implemented. RFID tags and RFID Security system are installed in the library.

All students and teachers of the college are members of the library. The library is functioning under the guidance of a committee.

1. The library and reading room shall be kept open from 9 AM till 6 PM on all working days.
2. All the students/scholars and outsiders entering the Library shall deposit their bags and other belongings at the entrance and sign in the Register at the checkpoint. Only paper and the Library books to be returned will be allowed inside. Do not let or leave any valuables at the reading area. Library is not responsible for any loss of personal belongings. All files, books and notebooks must be kept at Property Counter. Library does not permit any exception in the observance of this rule.
3. Identity Card is compulsory for getting access to the library. All the students are advised to bring their own ID Cards while using the Library facilities.

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4. Books removed from the shelves by students, if not required for reference, should be kept on the table nearest to them. Please do not try to shelve them yourself. Please remember that a book misplaced is a book lost.
5. Underlining, marking, folding of pages, drawings and writing comments, etc. in the books are strictly prohibited. If anyone is found doing so, he will be charged the full replacement cost of the resource. Books borrowed should be protected from RAIN, DUST, INSECT, etc.
6. All the students who want to return the books issued on their names are advised to wait until the books are shown as cancelled against their names.
7. The physical condition of the book should be checked. Any mutilation of pages must be brought to the notice of the circulation in charge otherwise the borrower himself/herself shall be responsible for mutilation of the book if detected afterwards.
8. Watching movie or video on laptop, playing game on laptop, sleeping, talking loudly, and eating food items are strictly prohibited.
9. There will be a fine of Rs. 1.00 per book per day.
10. Students are advised not to issue Books to others on their names.
11. Conversation and discussion disturbs library ambience. Therefore, all are requested to maintain dignified silence. If discussion is necessary, the common room should be utilized for the same.

12. All users are requested to keep their mobiles switched off or in silent mode in the Library.
13. Beverages and Eatables are not allowed inside the library.
14. No visitor or guest is permitted to use the Library without the prior permission of the Librarian. He/She is required to produce a proper introduction letter from the concerned Institution/Organization to which he/she is attached.
15. Library reserves the right to call back any issued book/item at any time.
16. All students are advised to come to the Library in decent dress as they are in the classrooms.
17. Books for references, newspapers, illustrated and rare books, multivolume collection, serial publications and periodicals will not be issued out.
18. Library staff will not be responsible for things left in the library hall.
19. Some items in the library cannot be copied because of copyright laws, poor condition, or downer restrictions.
20. Suggestions on all aspects of library services are welcome. Demand and suggestion slips are available at the circulation desk for your use.

College Hostel

A ladies hostel is functioning in the college precincts since July 2012. The hostel provides accommodation to 210 inmates. The hostel mess is running on a dividing system under the supervision of mess committee. Nissa

Surling S N, Assistant Professor, Department of Electronics and Communication Engineering is the warden of hostel and Ms.Jyothi.T.S,^{1st} Grade Instructor, Department of Electronics and Communication Engineering is the Asst.warden of the hostel

The Ladies' Amenity Center

The amenity center for women is working at Room No. MG 05 in the main building of Government Engineering College, Barton Hill. A library section of the Women's Study Unit donated by Lions Club functions here. The center serves as a rest room for the sick and provides facilities for first aid and other basic amenities. Chess boards are available on request during leisure time. Nissa Surling S N, Assistant Professor, Department of Electronics and Communication Engineering is acting as the staff member in charge.

Student Facilitation Center (SFC)

Student Facilitation Center is functioning in the first floor of the main building under the staff club. It provides Text books, stationery and refreshments. A reprographic facility is also available.

College bus

Three college buses are operating for the convenience of students and staff of this college. It is controlled by a Transportation Committee of our institution and is coordinated by Santhosh Kumar S.V, Assistant Professor in Mechanical Engineering.

Alumni Association (GECTAA)

The institution has a well established alumni association. All students of the college who have completed the course are the members of the association.

The association provides scholarships to meritorious and financially backward students. It also honors the best outgoing student in each department. Dr. Shamna H R, Professor, Department of Mechanical Engineering is the staff member in charge. Alumni Association conducts annual get together in every December.

The IEEE Student Branch

Website : www.ieeegecbh.org

e-mail : ieeegecbh@gmail.com

IEEE Student Branch Code : 64271

School Code : 41707494

The IEEE Student Branch of Government Engineering College Barton Hill started functioning from January 2005 with 35 student members and three faculty members. The branch got its formal approval from the IEEE Headquarters on September 27, 2005 and obtained the branch code (STB 64271) and school code (41707494) from the IEEE Headquarters wide letter dated September 29, 2005. Ms. Josna V R, Asst. Professor, Dept. of IT, is the student counselor.

Since its formation the student branch has been actively involved in all activities within the Kerala Section. The members of the branch have participated in all HUB level and LINK level events. The branch has also successfully organized many events in which students from some of the most reputed engineering colleges in Kerala have participated. IEEE GECBH student branch is one of the active student branches in the Kerala section.

The branch also formed a WIE affinity group which got its formal approval from the IEEE headquarters on October 3, 2008. The group has organized many activities within the college as well as outside the college premises. The student branch has witnessed a steady growth in its number of members over the years. The branch has 150 student members and 5 faculty members at present. We are also planning to organize many more events this year. The activities of the student branch ever since its formation strongly upholds our motto ‘Scaling New Heights’.

Indian Society for Technical Education (ISTE)

Indian Society for Technical Education (ISTE) is a national professional body consisting of nearly 40,000 engineering teachers and academicians. The activities of ISTE have several dimensions such as career development, subject upgradation, personality development, communication skill development, aptitude development, preparation for competitive examination etc. The aim of ISTE is to prepare faculty and students into master trainers and master students respectively. This college is an institutional member of ISTE and the institution code of ISTE is IM4567 (Chapter Code: KE- 068). Ms.Usha Anand, Assistant professor Department of ECE is the secretary if ISTE Chapter.

Computer Society of India

Computer Society of India established in the year 1965 is today the largest it professionals Society in India. The purposes of the Society are scientific and educational advancement of the theory and practice of computer science, computer engineering and technology, systems science and engineering, information processing and related arts and sciences. The mission of the CSI is to facilitate research, knowledge sharing and career enhancement for all categories of it professionals, while simultaneously

inspiring and nurturing new entrants into the industry and helping them to integrate into the it community. Today, the CSI has 66 chapters all over India, 381 student branches, and more than 40,000 members, including India's most famous it industry leaders and dedicated academicians.

Government Engineering College Barton Hill is an institutional member of this premier professional society. The student branch of CSI at this college, with Ms. Simi Krishna K R, Assistant Professor of IT Department as the branch counselor is organizing various programs for meeting the envisaged vision of the society. The chapter organizes workshops and technical talks for the member every year.

National Service Scheme (NSS)

National Service Scheme is a powerful and dynamic movement in the country. The NSS unit in our college provides opportunities to the teachers and students to gain practical experience through community service. The staff member in charge of the unit is Ms. Deepa Devi V, Assistant Professor in Mathematics.

Advanced Diploma in Automotive Mechatronics (ADAM)

Advanced Diploma in Automotive Mechatronics (ADAM) is a one year course introduced at Govt. Engineering College, Barton Hill in collaboration with Mercedes Benz, India in the year 2014. The collaborative course designed by M/s Mercedes Benz, India will enable students to be trained as per the highest standards of modern automotive technology and thereby will bring added synergies between technological innovations and market demands for skilled personnel. Candidates who have a Degree/Diploma in Mechanical Engineering/Automobile Engineering Electrical / Electronics Engineering/ Electronics and Instrumentation Engineering/ Mechatronics/Applied Electronics and equivalent disciplines is eligible for

admission to ADAMS. Course duration is one year with fee of Rs. 85,000/- (Rupees Eighty Five Thousand only). 20 students are admitted for each academic year, out of which a maximum of 5 seats are reserved for Mercedes-Benz India Dealer nominees. Admission to the course is through entrance test conducted at the college. Entrance test comprises of theory and practicals. On successful completion of the course, the candidates will be awarded certificate duly signed by the Director of Technical Education, Kerala and Mercedes-Benz India Pvt. Ltd. Dr. Abhilash R, Associate Professor, Department of Mechanical Engineering is the co-ordinator of the program

Translational and Professional Leadership Center (TPLC)

TPLC is a promising research center started in collaboration with Columbia University; New York, University of Montreal; Canada and IITM; Chennai which focus on promoting Programmers which focus on bridging the gap between Research and Practice. It is a promising research Centre, which imparts interdisciplinary research skills, responsible engineering strategies, timeless leadership activities, self-awareness and integral education, visiting scholar programs and conducting workshops on social responsibility projects. In addition, industrial visits are facilitated to give hands on training on real-time Engineering projects.

The Translational research and Professional Leadership centre (TPLC) was formed in 2014 realizing the need for sharing knowledge between research institutions and government departments/industry for facilitating the transfer of research results specifically for the benefit of the society The major maiden Programme of TPLC is the Interdisciplinary M.Tech programme in Translational Engineering with special emphasis on Social Responsibility, aiming at moulding Engineers to step forward to become responsible engineers beneficial for the society as well as for the Nation.

Translational Research and Professional Leadership Centre (TPLC) is supported by prestigious institutions spread over India and Abroad. To expose the students to the challenges of the real world, a mandatory internship program spanning minimum of six weeks (one and a half month), as envisaged in the curriculum of the APJ Abdul Kalam Technological University is facilitated by Technical University, Delft, Netherlands, Regen Power Australia, AIMST University in Malaysia, IIT Madras, IIT Bombay, IIT Indore, IIT Palghat, SreeChitra Institute for Medical Sciences and Technology, Loyola college- Trivandrum and Integrated Rural Technology Centre [IRTC]- Mundur

Additional Skill Acquisition Programme

Government of Kerala has initiated an ambitious programme, the Additional Skill Acquisition Programme (asap) with the objective of tackling the issue of growing unemployment in the state. The programme aims at equipping selected school/college students with skills in Communication, IT and selected areas of industry and service sectors. At Level 1, asap imparts 300 hours of skill training to selected first year students (30 per batch, maximum 2 batches in an institution). Of this, 180 hours will be a foundation module comprising of Communication Skills and IT skills and the remaining 120 hours will be the module related to the skill sector chosen by the student.

asap has been launched in the college during 2012-13. The Classes under asap will be engaged by Skill Development Executives identified by the Government/Industry, generally for one hour on working days, before/after the normal working hours of the Institution. The college has arranged rooms with Computer and LCD facilities (Smart Class Rooms) to conduct the classes.

Centre for Engineering Research and Development (CERD), established by Government of Kerala to act as a platform for the faculty and students of engineering colleges in the State to pursue their interest in basic and applied research in Engineering and Technology.

The innovation Centre funded by CERD Trivandrum for an amount of Rs: 20 Lakhs, is functioning in GEC Barton Hill from 3rd December 2013 onwards. The facilities of an innovation centre have to evolve as new ideas; projects and requirements come in. The broader objective of the innovation centre is to provide a platform for students and faculty to experiment with their innovative ideas. Dr. Rajeev Rajan, Associate Professor, Department of Electronics and Communication, is the staff member in charge of the innovation centre. Students of any branch/batch can utilize the facilities by presenting their ideas in front of a committee and getting it approved for future implementation and funding.

Technology Business Incubation Center

A Technology Business Incubator (TBI) has been established in the month of June 2014 with focus on software development as an important facility of Government Engineering College Barton Hill. TBI-GECBH provides services and support for a wide range of requirements needed by a new business start-up in a technology area. Depending on the demand and resources availability, TBI-GECBH will provide Training and Information support, Office Support and Common Facilities, Industry Oriented Software Training, Memorandum of Understanding, Strategic Planning and Business Development etc. Presently, Six companies registered and started functioning in TBI-GECBH and have Signed MoU with the institution. Ms. Jayasree P, Asst. Professor in IT Department, is the in charge of TBI

Parent Teacher Association

A Parent Teacher Association is actively working in the college. The objectives of the association are:

1. to work for the welfare of the students and the institution.
2. to offer constructive suggestions for the smooth and successful functioning of this college.
3. to promote better participation of the parents in the various programs of the college and to establish better liaison with the teachers

The PTA provides financial assistance to meritorious and needy students with consistent academic record. The best student in each branch of engineering is awarded by the PTA. Cash awards are also given to top scorers of all semesters in the university examination.

The office bearers of the PTA are

1. President	Dr Shiny G
2. Vice- President	Smt Ajitha S Lal
3. Secretary	Dr.Bindu S
4. Joint Secretary	Smt Deiva Rathinamala
5. Treasurer	Dr.Vinod M
6. Member (Parent)	Sri Anil Kumar P A
7. Member (Parent)	Sri Arul C Wilson
8. Member (Parent)	Sri Helton Haju
9. Member (Parent)	Sri Ajith Nair
10. Member (Parent)	Sri Farook A
11. Member (Parent)	Sri Rajesh S V
12. Member (Parent)	Sri Cicil H

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13. Member (Parent)	Sri M Christudas
14. Member (Parent)	Sri Mahadevan
15. Member (Parent)	Sri Ramesh V S
16. Member (Parent)	Sri Radhakrishnan
17. College Warden	Dr.Rehumathulla K
18. HoD EEE	Dr. Francis M Fernandas
19. HoD IT	Dr. Haripriya A P
20. HoD ME	Dr. Bindu Kumar K
21. HoD ECE	Dr. Hari.R
22. HoD CE	Dr. Thulaseedharan.V

Staff Club

With the aim of promoting social interaction and to cater the recreational needs of the staff, the staff club was formed in the college. Teaching, non-teaching, office and library staff are the members of the club. Participation in the major events happening in the family of members, organizing lectures on specific topics by experts, health-care programs, celebrating festivals, conducting family tour, annual family get-together etc are some of the activities of the staff club.

Schemes Being Implemented**Bamboo Research Centre**

Bamboo is universally admired for its pleasing shapes, colors and overall aesthetic, and as a renewable resource that grows quickly and has low-impact requirements for land area, water and nutrients. Govt.Engg College,

Barton Hill is selected for the implementation of Bamboo Technology Center by the Govt. of Kerala in March 2016. The main objectives of the center are to promote research, standardize bamboo as an engineering material, provide database to support the development of codes, guidelines, standards and manual for sustainable infrastructure development, Promotion of regional level consultancies along with various governmental and non governmental agencies, to offer research fellowships for activities coming under the scope of the centre

ACHIEVEMENTS(2021 to 2023)

IAS/KAS/GATE

1. Alfa S S of 2017 Electronics & Communication Engineering secured 7th rank in KAS Kerala Examination (2022)
2. Akhila Mohan of 2017 Electronics & Communication Engineering secured 9th rank in KAS Kerala Examination (2022).
3. Vishnu Chandran of 2018 Electronics & Communication Engineering secured rank in Civil Service Examination (IRS)
4. Gokul A secured All India Rank 72 in GATE 2021 examination

UNIVERSITY RANK HOLDERS 2023

Electronics & communication - Varsha R Ajith
(First Rank)

ACADEMIC CALENDER

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
Academic Calendar Aug 2023-Jan 2024

[Click here](#)

6 STAFF DIRECTORY

Principal

Dr. Shiny G

Phone: 0471 2300484(Office), 0471 2300485(Office)

e-mail: principal@gecbh.ac.in

9.1 Department of Electrical and Electronics Engineering

9.1.1 Faculty

	NAME	QUALIFICATION	PHONE	E-MAIL
Professors				
1	Dr. Francis M Fernandez(HOD)	PhD	9074866202	francis@gecbh.ac.in
2	Dr. Dinesh Gopinath	PhD	9633929573	dinesh@gecbh.ac.in
Associate Professors				
1	Ms. Anjana K R	M.Tech	9746475534	anjana.kr@gecbh.ac.in
2	Dr. Vinod V	PhD	9446107586	vinodv@gecbh.ac.in
3	Dr. Shenil P S	PhD	9495386544	shenilps@gecbh.ac.in
Assistant Professors				
1	Dr. Bindu S	PhD	9447507248	bindus@gecbh.ac.in
2	Ms. R Lethakumari	M.Tech	6282240121	rlatha@gecbh.ac.in
3	Ms. Beena N	M.Tech	9447888677	beena.nalini@gecbh.ac.in
4	Ms. Shaini A P	M.Tech	8075774286	shainiap@gecbh.ac.in
5	Dr. Biji G	PhD	9496119870	biji.g@gecbh.ac.in
6	Ms. Freida Mohan	M Tech	8547660914	friedamohan@gmail.com
7	Ms. Simi Raj (On QIP)	M.Tech	9496847418	simiraj@gecbh.ac.in

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8	Mr. Aneesh V A (On QIP)	M.Tech	9746270104	aneesh.va@gecbh.ac.in
9	Ms. Sujatha S	M.E	8547092213	sujatha.s@gecbh.ac.in
10	Ms..Divya Krishnan (On leave)	M.Tech	9946793167	divyakrishnan@gecbh.ac.in

Assistant Professors(Ad-Hoc)

1	Ms. Divyarani H	ME	9746489016	divyarani019@gmail.com
2	Ms. Bismina S R	M.Tech	8921582746	bisminashajahan93@gmail.co
3	Ms. Geethu S Raj	M.Tech	9048684819	sreeragam1926@gmail.com
4	Ms.Yamuna M Nair	M Tech	7012727709	

9.1.2 Technical Staff**Name****Phone****Instructor (Gr I)**

1	Mr. Linto Jose	9447512029
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Trade Instructor

1	Mr. Jayakumar S	9496153244
2	Ms. Soumya J	9497426084

Tradesman

1	Mr .Santhosh P	9744418380
2	Ms. Aarsha Unni J	9400881981

9.2 Department of Electronics and Communication Engineering**9.2.1 Faculty**

	NAME	QUALIFICATION	PHONE	E-MAIL
Professors				
1	Dr. Hari R. (HOD)	PhD	9447725443	harir@gecbh.ac.in
Associate Professors				
1	Dr. Rajeev Rajan	PhD	9495816851	rajeev@gecbh.ac.in
2	Dr. Sanil K. Daniel	PhD	7907996062	sanilk@gecbh.ac.in
3	Dr. Nelsa Abraham	PhD	9495975074	nelsa.abraham@gecbh.ac.in
4	Dr. Jeena R.S.	PhD	9495978846	jeena.rs@gecbh.ac.in
Assistant Professors				
1	Ms. Nadheera K. M.	M.Tech	9447156686	nadheera.km@gecbh.ac.in
2	Dr. Sumam M. J.	PhD	9447739610	sumammj@gmail.com
3	Ms. Lekshmi T.	M.Tech	9946690176	lekshmi.t@gecbh.ac.in
4	Ms. Sumi George	M.Tech	9746477766	sumi.george@gecbh.ac.in
5	Mr. Jacob Mathew	M.Tech	9972166327	jacobmathew@gecbh.ac.in
6	Ms. Smitha S. L.	ME	9745004617	smitha.sl@gecbh.ac.in
7	Ms. Aparna Thampy	M.Tech	9446225143	aparna.thampy@gecbh.ac.in
8	Ms. Neethu P. R.	M.Tech	7012443771	neethu.pr@gecbh.ac.in
9	Ms. Usha Anand	MTech	9880455377	
10	Ms Nissa Surling	M Tech	9656539539	

Assistant Professors(Adhoc)

1	Mr. Abhilash N S	MTech	9895370437
2	Ms.Laljee V L	MTech	8281692524

9.2.2 Technical Staff

	Name	Phone
Instructor (Gr I)		

1	Ms. Jyothy T. S.	9447769911
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Trade Instructor

1	Mr. Anil Kumar D.	9446075515
2	Mr. Reji M. N.	9207632701
3	Mr. Suresh Wills W.	9495037741
4	Mr. Deepu K.	9846464658

Tradesman

1	Mr. Nirmal S. R.	9961540939
2	Ms. Salini D. S.	7012467923
3	Mr. Vishnu J.	8891979110
4	Ms. Sheela Rani N.	9447590400
5	Mr. Vinod Kumar P. S.	7907455144

9.3 Department of Information Technology**9.3.1 Faculty**

	NAME	QUALIFICATION	PHONE	E-MAIL
Professors				
1	Dr. Shamna H R	PhD	8156973459	shamnahr@gmail.com
2	Dr.Vijayanand K.S	PhD	9447865892	vijayanand.ks@gecbh.ac.in

Associate Professors

1	Ms.Manju R	M.Tech	9961330220	manju.sandeep@gecbh.ac.in
2	Dr. Haripriya A P. (HOD)	PhD	9446084405	haripriya.ap@gecbh.ac.in

Assistant Professors

1	Mr. Rendhir R Prasad	M.Tech	8547549070	rendhirrprasad@gmail.com
2	Ms. Josna V R	M.Tech	9495166066	josna.vr@gecbh.ac.in
3	Ms. Simi Krishna K R	M.Tech	9447140283	simikrishna.kr@gecbh.ac.in
4	Ms. Jayasree P	M.Tech	9048067190	jayasree.p@gecbh.ac.in
5	Ms. Dhanya C K	M.Tech	9446897555	dhanyack@gecbh.ac.in
6	Ms. Ajini .A	M.Tech	9744968590	ajini@gecbh.ac.in
7	Dr. Visakh R	PhD	9497269035	visakh.r@gecbh.ac.in
8	Mr. Prasanth. R.S	M.Tech	9446393887	prasanth@gecbh.ac.in
9	Mr. Jasim Rafeek	M.Tech	9495379413	jassim.rafeek@gecbh.ac.in
10	Ms. Suryapriya. S	M.Tech	9526398938	suryapriya.s@gecbh.ac.in

Assistant Professors (Adhoc)

1	Ms. Shijitha A S	M.Tech
2	Ms. Arya S R	M.Tech

9.3.2 Technical Staff

Name	Phone
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System Analyst

1	Mr. Rajesh Kumar K	9495404866
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Computer Programmer

1	Mr. Bavakutty T	9447265499
2	Mr. Shaji N. P	9446474725

Trade Instructor

1	Mr. Muhammed Shameen A	9446353580
2	Mr. Suresh. B	8547888294
3	Mr Arunvas K	7012607060

Trade Technician

1	Mr. Sujith D	9895579765
2	Mr. Ajin Babu S	8129319496
3	Mr. Muhammed Hafsai T	9387114564
4	Mr. Chinchu. U	9895335343

9.4 Department of Mechanical Engineering**9.4.1 Faculty**

NAME	QUALIFICATION	PHONE	E-MAIL
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Professors

1	Dr. D Bijulal (UG Dean)	PhD	9645357434	
2	Dr. K Bindu Kumar (HOD)	PhD	8129401020	profbk@gecbh.ac.in

Professors(CAS)

1	Dr. Hashim M	PhD	8281892648	hasim.m@gecbh.ac.in
2	Dr. Rakesh P	PhD	9497574370	rakp73@gmail.com

Associate Professors

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1	Dr. Abhilash R	PhD	9895955657	abhilashr@cet.ac.in
2	Dr. M Vinod	PhD	9447897092	vinodwarrier@gmail.com

Assistant Professors

1	Mr. Remesh S.	M.Tech	9895342277	remeshnair2000@gmail.com
2	Mr. Satheesh Kumar S.	M.Tech	9496064680	satheeshgecb@gmail.com
3	Mr. Gopakumar S.	M.Tech	9496253060	gkumars.gec@gmail.com
4	Mr. Santhosh Kumar S.V.	M.Tech	8921085833	svsunthoshkmr@gmail.com
5	Mr. Shiju R. S.	M.Tech	9496997531	shiju381@gmail.com
6	Mr. Saji S. S.	M.Tech	9895495072	sajiss1978@gmail.com
7	Dr. Anish K John	PhD	9446100541	anishkjohn@gmail.com
8	Mr. Viji V.	M.Tech	9947095680	vijivcet@gmail.com
9	Ms. Amitha Ajith	M.Tech	8089866781	amitha.ajith@gecbh.ac.in
10	Ms. Suryapriya. S	M.Tech	9526398938	suryapriya.s@gecbh.ac.in

Assistant Professors (Adhoc)

1	Dr.Shijo J S	Phd	9447891195	shijocet@gmail.com
2	Mr. Kailas Sree Chandran	M.Tech	9696365526	kailassreechandran@yahoo.co.in
3	Mr. Vivek V Kamal	M.Tech	9995453358	vivekvkamal999@gmail.com
4	Mr. Sarun Raj N	M.Tech	8137882578	sarunrajn@gmail.com
5	Mr. Jiyas N	M.Tech	9995656216	jiyas.n@gecbh.ac.in

9.4.2 Technical Staff

Name

Phone

Instructor Grade I

1	Aneesh A	7907196885
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Trade Instructor

1	Mr. Micle.K	9495829630
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2	Mr. Reju. R	9446701730
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4	Mr. Shony.S	8075051395
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5	Mr. Gireesan A .K	9497571800
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6	Mr. Satheesh S	9961049956
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7	Mr. Suresh SS	7736783490
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8	Mr. Binu B	9495473470
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9	Mr. Amarnath P	9746040890
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Trade Technician

1	Mr. Jayan V.S	9446316395
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2	Mr. Sreekanth P	9656074335
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3	Mr. Vipin Raj N	9847893483
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4	Mr. Syam Subash Lal. K	8921652003
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5	Mr. Sreejith B.S	8593035549
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6	Mr. Jayan V.S	9446316395
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7	Mr. Sreekanth P	9656074335
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8	Mr. Vipin Raj N	9847893483
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9.5 Department of Civil Engineering

9.5.1 Faculty

	NAME	QUALIFICATION	PHONE	E-MAIL
Professors				
1	Dr. Thulaseedharan V	PhD	9567896655	thulaseedharanv@gmail.com
2.	Dr. Wilbert R	PhD	9074339558	wilbert@gecbh.ac.in
Associate Professors				
1	Dr. Girija K	PhD	9494178255	girijak@gecbh.ac.in
Assistant Professors				
1	Ms. Lini R Chandran	M.Tech	9447460832	lini.sam@gecbh.ac.in
2	Mr. Kiran C J.	M.Tech	9539063463	kiran.cj@gecbh.ac.in
3	Ms. Dhanya G.	M.Tech	9567046714	dhanya.g@gecbh.ac.in
4	Dr. Minu S.	PhD	9962211701	minu.s@gecbh.ac.in
5	Ms. Karthika Priyadarsiny.	M.Tech	8281359923	karthikapriyadarsiny@gecbh.ac.in
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Assistant Professors (Adhoc)				
1	Ms. Sumimol, H	M.Tech	9745970642	sumihisar@gmail.com
2	Dr. Akhill Muraleedharan	PhD	8943512321	akhil.muraleedharan89@gmail.com
3	Ms. Swathy Krishna V R	M.Tech	9496369119	
4	Ms. Lincy P Abraham	MTech	9744552175	
5	Ms. Ashly S	MTech	9497779148	
6	Ms. Arundhathy S	MTech	7281818508	

9.4.2 Technical Staff

	Name	Phone
Trade Instructor		
1	Mr. Sreejith S J	9947147218

Trade Technician

1	Prasad M	9846356848
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9.4 Department of General Science(Mathematics)

	NAME	QUALIFICATION	PHONE	E-MAIL
Associate Professors				
1.	Ms. Sheeba G (HOD)	M.Phil	9847541300	sheebaben97@gmail.com

Assistant Professors

1	Dr. Rahumathulla K	Ph. D	9447104551	rrh4rrh@gmail.com
2	Ms. Deepa Devi. V	M. Phil	9446100974	vdeepadevi@gmail.com

Assistant Professors(Adhoc)

1	Ms. Soumya U S	MPhil	9446315361	soumyaus1988@gmail.com
2	Dr. D. Stalin	PhD	9894105024	stalindd@gmail.com

9.5 Department of General Science(Physics)

	NAME	QUALIFICATION	PHONE	E-MAIL
Associate Professors				
1	Dr. Neena Sugathan	Ph. D	9497880192	sugathanneena@gmail.com
Assistant Professor(adhoc)				
1	Ms. Sunitha Krishna	Msc,M.Ed	8301072099	sunithakrishnaa@gmail.com

9.6 Department of General Science (Chemistry)

	NAME	QUALIFICATION	PHONE	E-MAIL
Assistant Professor				
1	Dr. Indu Sasidharan	Ph. D	9846454484	
Assistant Professor(Adhoc)				
1	Dr. Lakshmi V	PhD	9746928572	lekshmyv86@gmail.com

9.7 Department of Physical Education

	NAME	QUALIFICATION	PHONE	E-MAIL
Assistant Professor				
1	Dr. Ranaprathap A.O	Ph. D	9447436469	ranaprathap.ao@gecbh.ac.in

9.8 Administrative Staff

SL. No	Name	Designation	Mail ID	Section	Mobile Number
1	Dr. Shiny G	Principal	Principal@gecbh.ac.in		9400006408
2	Ajithambili K	Accounts Officer	ao@gecbh.ac.in		9446368897
3	Mini S	Senior Superintendent & Assistant Public Information Officer	ss@gecbh.ac.in		9447001191
4	Aneesh T M	Chief Accountant	chiefaccountant@gecbh.ac.in		
5	Anil Kumar P R	Purchase Superintendent	anizhamunni@gmail.com		9446288894
6	Ragesh P	Technical Store Keeper	rageshp26051978@gmail.com		9744019727
7	Bivin B V	Head Accountant	ha@gecbh.ac.in	Accounts - A1	9447471210
8	Abhilash B	Senior Clerk	a2@gecbh.ac.in	Accounts - A2	9995985945
9	Santhosh Kumar C S	U D Typist	a3@gecbh.ac.in	Accounts - A3	8606757900
10	Vacant	Clerk	a4@gecbh.ac.in	Accounts - A4	
11	Gowri Krishna K	Clerk	c1@gecbh.ac.in, academicc1gecbh@gmail.com	Academic - C1	6238435342
12	Prahlad Renjith Thilakan	L D Typist	c2@gecbh.ac.in	Academic - C2	8590264807
13	Murugan C	U D Typist	c4@gecbh.ac.in	Academic - C4	8281960255
14	Anas S	Clerk	e2@gecbh.ac.in , establishmentgecbh@gmail.com	Esatablishment - E2	9633633094
15	Thara S	Clerk	p1@gecbh.ac.in	Purchase - P1	9645537823

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16	Praveen Kumar R S	Senior Clerk	p2@gecbh.ac.in	Purchase - P2	9895339777
17	Sanooja S	Senior Grade typist	b1@gecbh.ac.in	B1	9544592657
18	Sindhu B S	Senior Clerk	h1@gecbh.ac.in	H1	9497848564
19	Divya Krishna G K	Clerk	h2@gecbh.ac.in	H2	9567250966
20	Sebastian R	Sergeant	Sebastiannellimoodu@gmail.com		9446262277
21	Robinson B	Non Technical Attender	robinsonpirayil@gmail.com		9895033921
22	Shajahan S	Driver			9446218625
23	Arun G R	Driver	arungr.18@gmail.com		
24	Rajesh Kumar G	Office Attendant			9447427607
25	Sajeev M	Office Attendant			9207545102
26	Rajeev V R	Office Attendant			9744767372
27	Vishnu C Sekhar	Office Attendant			8943253058

9.9 Library Staff

Sl no	NAME	DESIGNATION	PHONE	E-MAIL
1	Sheela Periera	Scientific Information Officer	9947474866 (M)	sheelapereira368@gmail.com
2	Sreekumar G	Librarian grade II	8281629864	rajisree80@gmail.com
3	Abu S	Librarian grade IV	9747050297	abuslekshmi@gmail.com
4	Joy P T	Non technical attender	7558083848	joypt1973@gmail.com
5	Joy S	Non technical attender	9496401679	joysuchakkada@gmail.com
6	Prakash D J	Non technical attender	7907314010	prakashthuthikadu@gmail.com
7	Sajeev V P	Non technical attender	6235696235	
8	Sudheerachandran N V	Office attendant	9349874146	sudheerbharat5144@gmail.com

10 ENGINEERING COLLEGES IN KERALA

10.1 Under the Directorate of Technical Education (DTE)

10.1.1 Government

NAME

PHONE

College of Engineering Trivandrum,
Thiuruvananthapuram

0471 2598370

Government Engineering College, Barton
Hill, Thiuruvananthapuram

0471 23300485

Rajiv Gandhi Institute of Technology,
Kottayam

0481 2506153

Government Engineering College,
Painavu, Idukki

0486 2233250

Government Engineering College, Thrissur	0487 2334144
Government Engineering College,Sreekrishnapuram,Palakkad	0466 2260350
Government Engineering College, WestHill,Kozhikode	0495 2383220
Government Engineering College, Mananthavady,Wayanad	04935 271261
Government Engineering College, Kannur	0497 2780226

10.1.2 Government Aided

NAME

PHONE

TKM College of Engineering,	0474 2712022
Mar Athanasius College of Engineering,	0485 2822363
NSS College of Engineering	0491 2555255

9 IMPORTANT TELEPHONE NUMBERS

78

Director of Technical Education	
Reception	0471 2561200
	0471 2451741
Director	0471 2451369
	0471 2561222
CA to Director	0471 2561307
Senior Joint Director ECS	0471 2451747
Director SPFU	0471 2463822
Finance Officer	0471 2561401
Administrative Officer	0471 2561201
Collegiate Education	
Director	0471 2303548
Reception	0471 2303107

Telephone Numbers (continued)

General Information

Minister for Education, Kerala	0471 2327561
	0471 2321228
Principal Secretary Higher Education.	0471 2328410
Enquiry	0471 2336576
Finance Secretary	0471 2518521
MLA	
Sri Binu I P, Counsellor	9645822288
Entrance Commissioner	0471 2338487
JCTE, Kaimanam	0471 2492032
Friends	0471 2338652
KSEB (Enquiry)	0471 155333
Vanchiyoor Post Office	0471 2474534
Assistant Executive Engineer (PWD)	0471 2303412
	9847102278
Water Supply Enquiry	0471 2328654
Information Center	0471 2518471
GPO	0471 2473071
BSNL Fault Repair	0471 2302198
Finger Tips	0471 2722722
Hospitals	
Medical College	0471 2444270
General Hospital	0471 2443870
Cosmopolitan Hospital	0471 2521252
KIMS Hospital	0471 2447575
PRS Hospital	0471 2344443
SUT Hospital	0471 4077777
SP Fort Hospital	0471 2450540
Anadiyil Hospital	0471 2304086
Police	
Control Room	100
	0471 2331843

Telephone Numbers (continued)

Help Line	9622100100
Railways	
Enquiry	1361
Trivandrum Central	0471 2323066
Reservation Center, Pattom	0471 2542130

10 BUS ROUTE

BUS NO.1

MORNING

EVENING

BOARDING POINT	TIME	BOARDING POINT	TIME
GEC Barton Hill(Departure)	7.30 AM	GEC Barton Hill(Departure)	4:10 PM
PMG	7.32 AM	PMG	4:15 PM
Ulloor	7.40 AM	Pattom	4:20 PM
Chavadamukku	7.45 AM	Medical College	4:25 PM
Kazhakuttam	7.55 AM	Sreekaryam	4:30 PM
Kulathoor	8.05 AM	CET	4:35 PM
CET	8.15 AM	Kulathoor	4:40 PM
Sreekaryam	8.20 AM	Kazhakuttam	4:45 PM
Medical College	8.25 AM	Chavadamukku	4:50 PM
Pattom	8.30 AM	Ulloor	4:55 PM
PMG	8.35 AM	PMG	5:00 PM
GEC Barton Hill(Arrival)	8:40 AM	GEC Barton Hill(Arrival)	5:10 PM

BUS FARE FOR ONE SEMESTER

BOARDING POINT	SIS2	S3/S5/S7 (For one sem)	College Staff (Monthly)
College - Ulloor	Rs. 1500	Rs.1200	Rs.300/-
Beyond Ulloor	Rs.1800	Rs.1300	Rs.300/-

Bus Ticket Rs.10/-

BUS NO.2

MORNING

EVENING

BOARDING POINT	TIME	BOARDING POINT	TIME
GEC Barton Hill(Departure)	7:30 AM	GEC Barton Hill(Departure)	4:10 PM
Pattom	7:35 AM	PMG	4:13 PM
Kesavadasapuram	7:37 AM	Marappalam	4:18 PM
Paruthippara	7:40 AM	Kuravankonam	4:20 PM
Nalanchira	7:44 AM	Kowdiar	4:22 PM
Kottamukal	7:47 AM	Ambalamukku	4:25 PM
Mannanthala	7:50 AM	Peroorkada	4:28 PM
Mukkola	7:53 AM	Karakulam	4:36 PM
Kudappanakkunnu	7:58 AM	Vazhayila	4:44 PM
Peroorkada	8:02 AM	Peroorkada	4:48 PM
Vazhayila	8:06 AM	Kudappanakkunnu	4:52 PM
Karakulam	8:14 AM	Mukkola	4:57 PM
Peroorkada	8:22 AM	Mannanthala	5:00 PM
Ambalamukku	8:25 AM	Kottamukal	5:03 PM
Kowdiar	8:28 AM	Nalanchira	5:06 PM
Kuravankonam	8:30 AM	Paruthippara	5:10 PM
Marappalam	8:32 AM	Kesavadasapuram	5:13 PM
PMG	8:37 AM	Pattom	5:15 PM
GEC Barton Hill(Arrival)	8:40 AM	GEC Barton Hill(Arrival)	5:20 PM

BUS FARE FOR ONE SEMESTER

BOARDING POINT	SIS2	S3/S5/S7 (For one sem)	College Staff (Monthly)
College - Peroorkada	Rs. Rs. 1500	Rs.1200	Rs.300/-
Beyond Peroorkada	Rs.1800	Rs.1300	Rs.300/-

Bus Ticket Rs.10/-

BUS NO.3

MORNING

EVENING

BOARDING POINT	TIME	BOARDING POINT	TIME
GEC Barton Hill(Departure)	7.25 AM	GEC Barton Hill(Departure)	4.10 PM
Vellayambalam	7.35 AM	PMG	4.15 PM
Sasthamangalam	7.40 AM	Panavila	4.20 PM
Maruthankuzhy	7.43 AM	Model School	4.25 PM
Vattiyoorkkavu	7.50 AM	Thampanoor	4.35 PM
P.T.P	7.55 AM	East Fort	4.40 PM
Pallimukku(pangodu)	8.00 AM	Manacaud	4.45 PM
Poojappura	8.05 AM	Attakkulangara	4.50 PM
Kunjalummoodu	8.08 AM	Killippalam	4.55 PM
Karamana	8.10 AM	Pappanamcode	5.00 PM
Pappanamcode	8.14 AM	Karamana	5:05 PM
Killippalam	8.20 AM	Kunjalummoodu	5.07 PM
Attakkulangara	8.25 AM	Poojappura	5.10 PM
Manacaud	8.28 AM	Pallimukku(pangodu)	5.15 PM
East Fort	8.33 AM	P.T.P	5.20 PM
Thampanoor	8.38 AM	Vattiyoorkkavu	5.25 PM
Model School	8.41 AM	Maruthankuzhy	5.28 PM
Panavila	8.43 AM	Sasthamangalam	5.32 PM
PMG	8.46 AM	Vellayambalam	5.37 PM
GEC Barton Hill(Arrival)	8.50 AM	GEC Barton Hill(Arrival)	5.45 PM

BUS FARE FOR ONE SEMESTER

BOARDING POINT	SIS2	S3/S5/S7 (For one sem)	College Staff (Monthly)
College - East Fort	1500	1200	300
Beyond East Fort	1800	1300	300

Bus Ticket Rs.10/-

11 NEAR BY HOSTELS

MEN'S HOSTEL

HOSTEL	PH NO
Model Hostel for Boys, Vellayambalam	9496330072
LMS WILLS Hostel, Palayam	04712316778
YMCA Men's Hostel, Statue	04712330059

WOMEN'S HOSTEL

HOSTEL	PH NO
LMS girls Hostel	04712311878
YWCA Women's Hostel Spencer Junction	04712463690
	8547263690(M)

