

**Government Engineering College**

സർക്കാർ എഞ്ചിനീയറിംഗ് കോളേജ്

**Barton Hill, Thiruvananthapuram 695 035**

ബാർട്ടൺഹിൽ, തിരുവനന്തപുരം 695 035

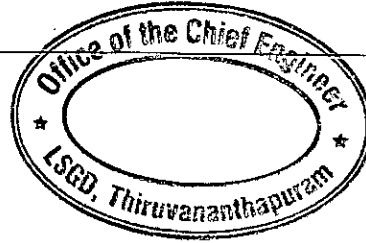
**Kerala State, India**

കേരള സംസ്ഥാനം, ഇന്ത്യ

CE
DCE
AO
SA

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GECBH/TPLC/2018/3



11-05-2018

Sir/Madam

**Sub:** Admission of M.Tech Translational Engineering 2018-2019 batch

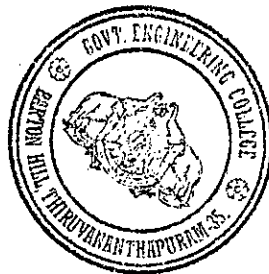
Greetings from Government Engineering College, Bartonhill!!

We are happy to inform you that the admissions for the fourth batch of M.Tech Translational Engineering at Government Engineering College, Bartonhill is announced. As you know in this M.Tech programme there is a provision for Engineers from Government departments to join for this programme on sponsored basis. As the procedure for getting willingness and NOC from respective departments takes time we humbly request you to kindly intimate all the offices under your department so that the Engineers who are willing to join this course may apply through proper channel. Kindly give maximum circulation as this course is very much beneficial to the Engineers and they also get 2 months International exposure as part of this programme. This is a unique programme conducted under Directorate of Technical Education. This is a multi-disciplinary programme and the students of all the core branches can apply. The details of the programme is enclosed herewith.

Expecting your kind co-operation for this programme.

For more details visit [www.gecbh.ac.in/www.tplc.gecbh.ac.in](http://www.gecbh.ac.in/www.tplc.gecbh.ac.in) and please contact Mob: 9495058367, 7736136161.

Thanking you



Yours Faithfully

*[Handwritten signature]*  
Dr. Rajasree M.

PRINCIPAL

An Initiative of



Higher Education  
Department, Govt.  
of Kerala

IN COLLABORATION  
WITH

TU Delft

TU Delft, Netherlands



IIT Bombay



IIT Madras

### Our Vision

To be a lead centre of excellence providing education, training and research in Translational Engineering focussing on nurturing multi-disciplinary engineers capable of providing excellent projects, uploading their professional ethics and social responsibilities, contributing to nation building.

### Our Mission

- To impart the concept of Translational Engineering
- To catalyse Responsible Engineers, along with making them technically knowledgeable
- To generate a socially committed network of engineers leading to a value-based profession
- To collaborate with International Universities and Institutes to boost up Translational Education



GOVERNMENT ENGINEERING COLLEGE,  
BARTON HILL,  
TRIVANDRUM-695035

## TRANSLATIONAL RESEARCH & PROFESSIONAL LEADERSHIP CENTRE [TPLC]



“TRANSFORMING PROFESSIONALS TO TRANSFORM THE NATION”

### HIGHLIGHTS

- **INTERNSHIP ABROAD-**
  - ✚ 2016 batch currently doing Internship at TU Delft
  - ✚ Our 2015 batch student got placed in Regen Power, Western Australia after Internship
- **SOCIAL-RESPONSIBILITY CAMP**
- **INDUSTRIAL VISITS**
- **INNOVATIVE PROJECTS**

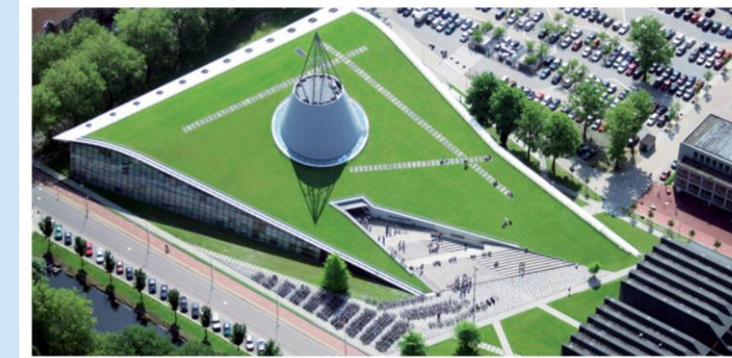
### THE M.TECH PROGRAMME IN TE

- ✚ Initiated by Higher Education Department, Government of Kerala
- ✚ Approved by AICTE and Affiliated to KTU
- ✚ 2 year duration, 4 semester programme
- ✚ 6 week internship at any of the collaborating Institutes
- ✚ Credit Transfer System adopted
- ✚ Available Seats – 18
- ✚ Admission through Interview
- ✚ Specialized classrooms exclusively designed for the programme
- ✚ Expert faculties from national and international universities
- ✚ Real time Projects translating research in to practice
- ✚ Qualification required: Bachelor of Technology degree in any branch with 60% of marks or a qualification recognized as equivalent there to by the University of Kerala.

## TRANSLATIONAL ENGINEERING

Translational Engineering is a new emerging discipline which holds its place between research and practice of all branches of Engineering, translating between abstractions of research and the practicalities of practice. The discipline will help translate the problems and concerns of practice into clear, need-based statements that can drive researchers to develop new insights. It is an approach applicable to each branch of Engineering, retaining the nature and scope of the respective branch of Engineering, bringing in an additional multi -disciplinary aspect.

**M.TECH IN TRANSLATIONAL ENGINEERING**  
**NEXT BATCH COMMENCES IN**  
**JULY 2018**  
For more details  
visit [www.gecbh.ac.in](http://www.gecbh.ac.in)



Students undergoing Internship at TU Delft

### CURRICULUM OF M.Tech IN TE SOCIALLY RELEVANT CONTENT

- Responsible Engineering
- Translational Engineering
- Environmental Impact Assessment
- Disaster Management
- Science, Technology and Society
- Internship at Collaborating Institutions

### TECHNICAL CONTENT

- Electives in Engineering Technology offered by KTU
- Project works at Industries to enable applications of Translational Engineering

### MANAGERIAL SKILLS ENHANCEMENT CONTENT

- Engineering Project Management
- Organizational Behaviour
- Human Aspects of Management
- Technology Management
- Entrepreneurship Development

### TOTAL TRANSFORMATIVE PROGRAMME CONTENT

- Timeless Leadership Programmes
- Soft Skills development
- Professional Ethics
- Healthy Living Practices
- Effectiveness to Greatness Programmes