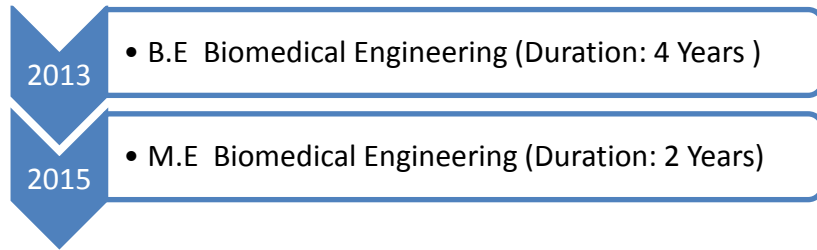


**GKM COLLEGE OF ENGINEERING & TECHNOLOGY , CHENNAI-63**  
 (An ISO 9001:2008 Certified,NBA,NAAC 'A' Grade & IAO Accredited Institution)

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**THE DEPARTMENT WAS ESTABLISHED IN THE YEAR 2013-14**

**COURSES OFFERED**



**ABOUT THE DEPARTMENT**

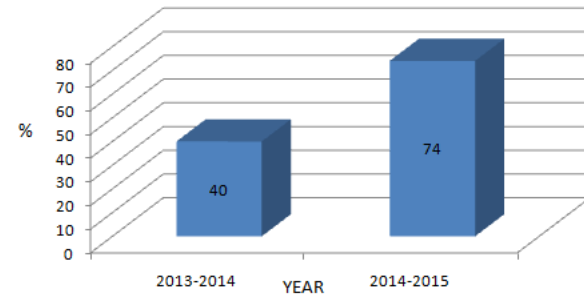
- Approved from AICTE and affiliated to Anna University.
- Offers highly interdisciplinary courses
- Bridges the gap between Medicine and Engineering

**HIGHLIGHTS OF THE DEPARTMENT**

Three vertical panels with circular images and text. The first panel shows a certificate from the Biomedical Engineering Society of India, dated 2013, with the text 'Became institutional life member of biomedical engineering society of india'. The second panel shows a group of people receiving an award, with the text 'Awarded as the best department for the academic performance' and 'Established integrated facilities for clinical microbiology'. The third panel shows a clinical trial room, with the text '2015 Established a clinical trial room and project lab inside the instrumentation'. A large blue arrow points from left to right across the bottom of the panels.

**ACADEMIC PERFORMANCE**

**Pass Percentage**



**LAB FACILITIES**

The Department is well equipped with state of art facilities for training the students to meet the Industry requirements



Some of the industries that recruits biomedical engineers are: **GE health care, Siemens, BAYER, Reliance life sciences, Wipro, Triviron , Schiller health care etc.,**

## ABOUT FACULTY

- The dedicated faculty members have expertise in various core areas
  - ✓ Biomedical and Biosensor instrumentation
  - ✓ BIO Signal and Image processing,
  - ✓ Neutral networks,
  - ✓ Nano Materials & Tissue Engineering
- Faculty have submitted Project proposal to DST on the Title *'Nano material based Microbial fuel cells for power generation'* for the proposed cost of 60 lakhs
- Faculty have **published 3 national and 5 international** papers in highly regarded journals for the past 2 years

## STUDENT'S ACTIVITIES:



## PROJECT EXPO



Presentation of a Project: Acid-Base analysis using Cabbage juice & Sugar

Design of EEG amplifier using 3 Electrodes



Working Model of Pathology Slides



## INTERNSHIP/INPLANT TRAINING

25 students have attended Internship/In plant training at

- Biozone institute of life sciences
- Apollo hospital
- Atrium Medical Technologies
- Meenakshi Mission Hospital
- Rajah muthiah medical hospital
- Kauvery Hospital etc

## SCOPE OF BIOMEDICAL ENGINEERS

