The Campus

The years spent in a College eventually form a very important part of our lives. The bond between friends, faculty members and management and the pleasant experiences gained during the few years spent there shall leave a lasting nostalgic impression. We would cherish these pleasant, emotionally enriching and intellectually rewarding experiences for the rest of our adult life.

The vast expanse of landscaped grounds of the campus provides an environment that encourages live interaction between students. This will help build a healthy community, where responsibilities and commitments are shared, valued and honored. Life is far greater and more meaningful than just the few years spent in colleges. We appreciate our critical role in molding our students into responsible professionals and individuals who will go out into the real world and set high standards of professionalism and ethics. A valuable contribution made by our family.
The College

Jawaharlal College of Engineering and Technology, is a well established engineering college located between Palakkad and Thrissur on the highway at the northern slopes of mangalam, near Lakkidi, Palakkad District on the banks of the holy river Nila. This undulating terrain of 25 acres with lush green vegetation is continuously swept and hugged by the gentle northern breeze that contributes to the natural purity and serenity of the environment. This picturesque location shall linger nostalgically in the minds of anybody visiting the beautiful area. Endowed with an enchanting and breathtaking topography, lush green natural vegetation, virgin land pollution free atmosphere, moderate temperature, plentiful supply of fresh water and salubrious climate, this is an ideal place for healthy living, clear thinking and pleasant learning pursuits. The college comprises of an Administrative Block, Laboratories, Workshops, the Library, the Computer Centre, Men’s and women’s hostels and play grounds. The Academic Block facilitated us to have an edge over other colleges in term of infrastructure and concerning the human resources, this college is fortunate to have a few internationally renowned academicians on its rolls, besides having the required number of committed and devoted young faculty of proven ability and excellent track record.
Teaching / Assessments

The laboratories and workshops provided presently and proposed:

- Aircraft Structure Lab
- Aerodynamics Lab
- Aircraft structure repair lab
- Aero engine repair and maintenance lab
- Aircraft systems lab,
- Avionics lab,
- CNC Laboratory
- Civil Engineering Workshop
- Mechanical Engineering Workshop
- Strength of Material Laboratory
- Fluid Mechanics & Machinery Laboratory
- Production Engineering Laboratory 1 & 2
- Heat Transfer Laboratory
- Thermal Engineering Laboratory
- Machine Shop,
- Metrology Laboratory
- Instrumentation Laboratory
- CAD/CAM Laboratory

Electrical Engineering Laboratory
- Electrical Machines Laboratory 1 & 2
- Electrical & Electronics Workshop
- Simulation Laboratory

- Electrical Circuits Laboratory
- Digital Electronics Laboratory, ●Linear Integrated Circuits Laboratory
- Microprocessor & Micro controller Laboratory
- Analog Communications Laboratory, ●Digital Communications Laboratory
- Advanced Communications Laboratory
- MAT Laboratory, ●Programming Laboratory
- Data Structures Laboratory, ● Programming Environment Laboratory
- Programming Paradigm Laboratory, ● Graphics & Multimedia Laboratory
- Systems Laboratory, ● Networks Laboratory
- Physics Laboratory, ●Chemistry Laboratory
- Visual Programming Laboratory, ● Hardware Laboratory, ●Cyber Club
- Language Laboratory

A variety of techniques are used through the programme with emphasis on lectures, supporting tutorials and laboratory classes. Continuous assessment forms a major part of the teaching learning process. The faculty guide the students both for group as well as individual projects. We have a very rigorous system of continuous monitoring and evaluation of the quality of the students. A key feature of this system is that our students get total satisfaction.

We are continuously striving to impart quality and character in the students, so that they can always be assured that they are getting value added inputs from the campus life over here.

This is just one example of what JCET is. Whatever you are looking for from your chosen place of study, the one thing you can take for granted is that JCET is committed to welcome you and offer personal support and guidance throughout your course of study here.
JCET is currently offering UG & PG programmes in the following disciplines

**UG Programmes**

<table>
<thead>
<tr>
<th>Course</th>
<th>Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronautical Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Electronics &amp; Communication Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineering</td>
<td>60</td>
</tr>
</tbody>
</table>

**PG Programme**

<table>
<thead>
<tr>
<th>Course</th>
<th>Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.Tech in Applied Electronics &amp; Communication Engineering</td>
<td>24 Seats</td>
</tr>
<tr>
<td>M.Tech in Computer Science</td>
<td>24</td>
</tr>
<tr>
<td>M.Tech Communication &amp; Signal Processing</td>
<td>18</td>
</tr>
<tr>
<td>M.Tech in Cyber Security</td>
<td>24</td>
</tr>
<tr>
<td>M.Tech in Electronic Design Technology</td>
<td>18</td>
</tr>
<tr>
<td>M.Tech in Instrumentation &amp; Control System</td>
<td>18</td>
</tr>
<tr>
<td>Master of Business Administration (MBA) (2 year full time)</td>
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</tr>
</tbody>
</table>
Research, Development & Consultancy

JCET was started with the noble aim of providing excellent quality education with scope of research to the prospective engineers in all branches with visionary management. As the technology changes day by day, the visionary management believes in inculcating proper ethics to students and staff to achieve academic excellence in the field of technology advancement. The college has organized various seminars, workshops, conferences and expert lectures throughout the year, students and staff won various prizes as a token of appreciation. With the emerging trends in new technologies, it is essential to expose both students and staff to higher levels of advancement in new technologies in their fields of interest. In this context, visionary management aims at providing exposure to on the most modern technologies in the following fields.

Aircraft maintenance and certified course
Modeling, analysis and testing of various aero engine components
CAD/CAM and computer aided engineering

Computer simulation and analysis
AUTOCAD, PRO, ANSYS and other analysis softwares
Computational Fluid Dynamics
Micro electro Mechanical systems
Development of software and embedded systems
Robotics and Artificial intelligence
Industry Oriented courses
Cryptography
Web design and applications
VLSI Designs
Nano Technology
Meta programming
Failure analysis of electrical machines and condition monitoring
Utilization of conventional and non conventional energy resources
Conducting extra classes for weak students and for GATE aspirants.
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**UG Programmes**

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- Computer Science & Engineering: 60 Seats
- Electronics & Communication Engineering: 120 Seats
- Mechanical Engineering: 120 Seats
- Civil Engineering: 120 Seats
- Electrical & Electronics Engineering: 60 Seats

**PG Programme**

- M.Tech in Applied Electronics & Communication Engineering: 24 Seats
- M.Tech in Computer Science: 24 Seats
- M.Tech Communication & Signal Processing: 18 Seats
- M.Tech in Cyber Security: 24 Seats
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