



# Adi Shankara

## INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam District, Kerala State Pin: 683574



## CRITERION 1 - CURRICULAR ASPECTS

### 1.1 Curricular Planning and Implementation



## ICT Enabled Classrooms



## ICT (Information and Communication Technology) facilities in Teaching-Learning

ASIET emphasizes the utilization of ICT-enabled resources to enhance the teaching and learning process. Every classroom in the college is equipped with ICT facilities, including laptops and projectors. This enables students to access digital technology, leading to significant improvements in teacher effectiveness.

### **1. ICT-equipped classrooms:**

All departments in the college have classrooms that are equipped with ICT tools such as projectors and wifi connectivity. Teachers utilize these resources to deliver high-quality instruction using PowerPoint presentations, animations, and other interactive learning materials.

### **2. Linways - a learning management system:**

The college utilizes a learning management system called Linways. Through Linways, teachers provide students with learning materials, online practice sets containing multiple-choice questions, lesson plans, course outcomes, and various other helpful resources. Through the integration of Linways, the college fosters a **blended learning approach**, combining online and offline teaching methods to enhance the educational experience for students

### **3. Wi-Fi enabled Campus**

The campus of ASIET is equipped with Wi-Fi connectivity, enabling students and faculty members to access the internet wirelessly from various locations within the campus. Students and faculty can utilize this feature to enhance their academic pursuits, engage in online discussions, access educational content, and stay connected with the global community.

### **4. Library automation using Integrated Library Management System (ILMS)**

Name of ILMS software: **KOHA**

Nature of automation (fully or partially): **FULLY**

Version: **22.11.03.000**

Year of Automation: **2017**

The features of book circulation, gate register management, and an online public access catalog (OPAC) system are utilized in KOHA.

### **5. Subscription to e-resources including provision of links to OER repositories**

Central Library has an immense collection of E resources for improving the quality of reference in science and technology and management studies. The library provides IP enabled

access to E-books and e resources. ASIET center library has a facility to access **29 OER repositories**

- **IEEE ASPP** by IEEE
- **EBSCOHOST**
- **ASME**
- **Jgateplus** (for engineering and management studies).
- **DELNET**
- Membership in **National Digital Library of India (NDLI)**
- **DSPACE (version 1.7.0)**
- **KNIMBUS**
- **TURNITIN**
- **NDL(National Digital Library)**

## **6. Virtual Lab**

ASIET has established a nodal center for the **Virtual Lab initiative**, which is a government initiative under the Ministry of Education (MoE) in India. The nodal center at ASIET conducts training programs for faculty and students, enabling them to maximize the benefits of the Virtual Lab facility.

## **7. NPTEL Local Chapter**

ASIET serves as a local chapter for NPTEL (National Programme on Technology Enhanced Learning) in collaboration with the Ministry of Education (MoE) and the Indian Institutes of Technology (IITs). As an NPTEL Local Chapter, ASIET actively promotes and facilitates the utilization of NPTEL courses and resources among its faculty and students.

## **8. Online classes and webinar through platforms like Google Meet or Zoom**

Teachers conduct online classes and webinars via platforms like Google Meet or Zoom, promoting effective teaching and learning even in a remote or online setting.



# CE SEMINAR HALL



 **GPS Map Camera**

**Kalady, Kerala, India**

**5CGH+VQQ, Mattoor, Kalady, Kerala 683574, India**

**Lat 10.177218°**

**Long 76.429632°**

**14/05/24 02:08 PM GMT +05:30**





CE CLASSROOM



 **GPS Map Camera**

Kalady, Kerala, India  
5CGH+VQQ, Mattoor, Kalady, Kerala 683574, India  
Lat 10.177273°  
Long 76.429333°  
14/05/24 02:02 PM GMT +05:30



## ICT-ENABLED CLASS ROOMS

Department of Applied Electronics and Instrumentation

B-TECH S3-S4 CLASS ROOM



## B-TECH S5-S6 CLASSROOM





## B-TECH S1-S2 CLASSROOM





## AEI SEMINARHALL



Kalady, Kerala, India

5CHJ+76X, Mattoor, Kalady, Kerala 683574, India

Lat 10.178304°

Long 76.430778°

05/08/21 02:39 PM

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