



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institute)

Approved by A.I.C.T.E & Permanently affiliated to JNTU GV

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

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## CRITERIA- 4

**4.3.3: Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system(LCS) and related hardware and software for e-content development**

### E-Content Development

#### Media Centre

Dadi Institute Of Engineering and Technology Media Centre is a prominent resource centre to capture the various moments, activities and presentations and showcase them to the outside world and community which is runs by the department of Humanities and Science, and ECE department. It is developed as the nodal point for collecting consolidating and disseminating the information about the events happening in the institute to Media sources connects with the social networks. The main objective of the Media Center is to document in-house and external events to create a significant digital presence for the college on social media. It also records and manages the events, guest lectures and seminar from all the departments of the College, serves as the liaison between the institute and the Social Media Management Team to enable them to publish it on the various social media platforms to ensure global reach for the college. With the ever increase in demand for e-content from various stakeholders, the institute has felt the need for establishing a Media centre with all required facilities. The centre is equipped with facilities like video editing, audio mixing and basic animation softwares. With this facility in place, the institution is in a position to develop e-content and promote e-learning through online platform.

All the activities are done by the faculty coordinators and students of various clubs, committees/cells of the DIET The major roles of the media center are as follows:

- To archive the media coverage
- Handles the photography and video editing
- To develop e-contents
- To upload the posters/ images/videos in the social media Sample Connected Works:

(1) <https://www.youtube.com/@dadiinstituteofengineering7876>

## Audio Visual Centre

Dadi Institute of Engineering and Technology has state of the art media centre with inbuilt Audio-visual facility. The Media Centre is designed to encourage collaborative learning and interaction & has the resources for developing e-content. English Department also offers a wide range of learning techniques that aim to improve the English language skills of students. The two centres, under the Audio-Visual Centre are the CALL and ISL. The Computer-Assisted Language Learning or the CALL strives to bridge the digital divide by providing all of the students with equal access to technology-aided education. The Interactive skills learning or ISL attempts to sharpen certain skills of students through activities such as group discussions, role-play activities, and the like. The Audio-Visual centre ensures that every student, irrespective of their background, is treated equally in terms of the equipment and learning techniques that they have access to, making the entire class subject to the good outcomes of the faculty's hard work. The students are provided with accent neutralization training, a deeper understanding of phonetics, and several other real-life skills like interview and presentation skills. These activities aim to improve the students' fluency in the English language and ensure that they graduate with the confidence they require to communicate in this day and age.

- Dedicated PC for designing & editing,
- Wall mount collapsible studio backdrop horizontal pole assembly
- E Image camera support tripod
- Audio Suite for NLE



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## e-Learning Resource Centre :

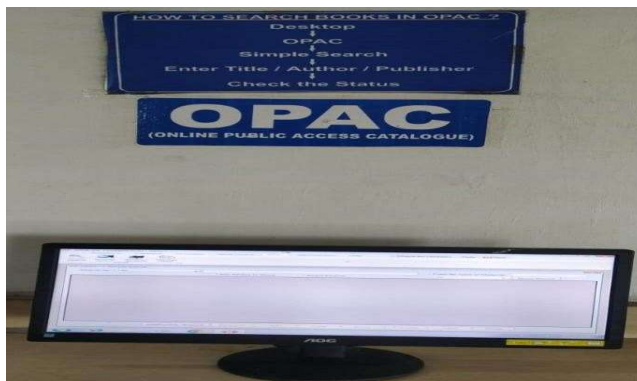
DIET College library is fully automated with Integrated Library Management System (ILMS). The Central Library, established in June 2006, is a proud partner in the institute's march towards its vision playing a vital role in acquisition, organization and dissemination of knowledge. As a Knowledge hub of DIET, it offers a package of services, an ambience that is extremely conducive for assimilation and creation of new Knowledge. The main thrust of the library continues to be the improvement of the quality of services and facilities, achieving higher degree of user's satisfaction and modernization of its activities and operations. The Central Library presently covers a total user area of 450.56 sqm, with a seating capacity of 200 members. The Central Library comprises of 27,852 (including Sc & St Book Bank (476) volumes with 9889 titles of books (including Sc & St Book Bank 321 Titles). It has Circulation section, Reference books, Periodical Section (Journals, Magazines & News Papers, previous question papers, reprography services and Digital library.

CENTRAL LIBRARY CHECK IN – CHECK OUT In DIET Central library, daily visits by the members are registered to keep track of daily footfall using the Integrated Library Management Software (ILMS). At the entrance of the Library, members scan the ID card or enter the ID number manually for the same and use the system. Statistical reports can be generated from the menu option of the ILMS. Reports can be generated either by date, currently logged in members, or by a specific member code.



### OPAC Search Service (On-line public Access Catalogue):

The DIET Central Library provides the OPAC search service. The OPAC has simple and advanced search facility with the minimum information for each item including author, title, corporate body, conference name, subject headings, keywords, class number, series name, accession number or combination of any of two or more information regarding the item.



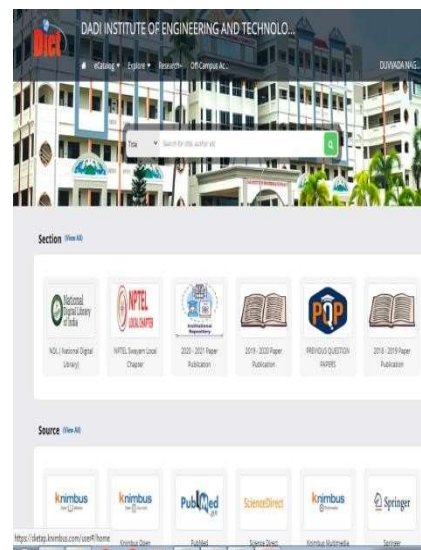
## KNIMBUS (CLOUD BASE mLIBRARY PORTAL & APP :

Knimbus is the leading digital library platform used by some reputed institutions. Institutions are transforming their library for a digital future with the Knimbus m-Library platform. Knimbus m-Library is a one- stop solution with rich features to build a powerful and user friendly digital library through which users can seamlessly access the digital resources anytime, anywhere and on any device. Easily Manage Users, Reports etc. from a Powerful Dashboard Cloud Architecture. Open Standards. Robust Security. A Unified Experience\_ Modern Interface, User-friendly Web Portal and Mobile App for seamless access. Universal Search, Search

across all digital resources - databases, ebooks, journals and IR from a Single Search Box. Your Custom Portal Completely branded and customized interface designed for our institution.

**Off-Campus Access & Mobile App:** Access all resources anywhere, anytime and on any device

- One Login to access all Digital Collections
- Offsite article full text for 24x7 learning & research
- Comprehensive User Management & Analytics
- Secure by design with centralized control

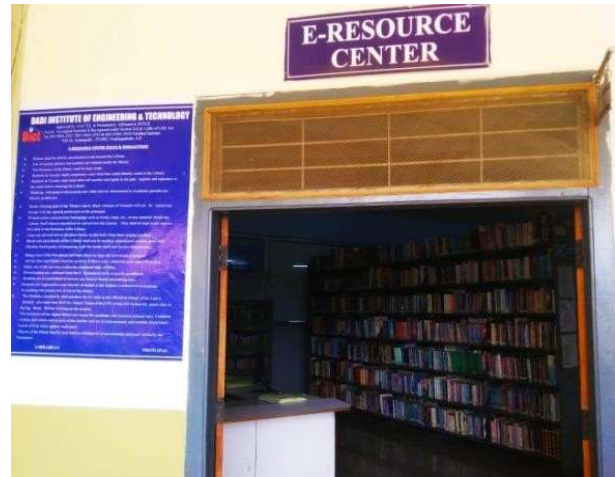




## KNOWLEDGE CENTRE:

In DIET, central library provides the Knowledge Centre for users. Knowledge Centre has a separate reading room and various sections as follows.

- Reading Room
- Text Book Section
- Reference Section
- Periodical Section (Journals & Magazine Section)
- Old Question Papers, Back Volumes and Project Reports Section
- Reprographic Service
- Digital Library



## 4. Lecture Capturing System (LCS)

Our Institute provided Desktop/Laptop, Headsets and Webcams for all the faculty to capture the Lectures and generate e-content.

- Zoom, Microsoft teams for Videoconference facility for online classes and recording.
- Installed open source tools including Open Broadcast Studio (OBS) to record, streaming and OpenShot, Shotcut, Auacity for video/audio editing.



#### 4. Mixing equipment and software

DIET has installed open source software for editing the video lectures.

1. Functional editing setup
2. Animation / Graphics workstations
3. E-Content Integration Workstation
4. Mixing Software