



SIDDHARTHA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, Affiliated to JNTUH & Courses(CSE,ECE,EEE) Accredited by NBA)

Vinobha Nagar, Ibrahimpatnam, Ranga Reddy Dist - 501 506, Telangana, INDIA

E-mail: info@siddhartha.ac.in; www.siddhartha.ac.in

UGC Autonomous



e-Learning Facilities and Resources:

- Maintain a detailed list of available e-learning facilities are Digital library, internet bandwidth 100mbps and Wi-Fi facilities are access provisions for students and staff.
- Learning Resources: subscribed learning resources, such as material from NPTEL, Swayam, Coursera, etc. Include details of hard copies and soft copies available.

e-CLASSROOM:

An E-classroom is a traditional classroom setting enhanced by digital technologies like projectors, and high-speed internet. It leverages these tools to facilitate interactive learning, collaboration, and a more engaging educational experience. It is used to improve learning experience, accessibility and increase efficiency of learning.

These contemporary learning environments are outfitted with tools like smart boards, projectors, high-speed internet, and specialized software that promote interactive learning and collaboration between students and educators.

Effectiveness of e-Classrooms:

Enhanced Engagement: Interactive tools and multimedia presentations can more effectively capture students' attention compared to traditional methods, resulting in heightened engagement and better retention of information.

Accessibility: E-classrooms can accommodate virtual participants, enabling students who are unable to attend in person to join in real-time or access recorded sessions later, thus making education more inclusive and accessible.

Efficiency and Flexibility: Digital resources and tools allow educators to deliver lessons more effectively and adjust their teaching styles to meet various learning needs and paces.

Collaborative Learning: Technologies such as shared digital workspaces and real-time communication tools promote increased collaboration among students, fostering peer-to-peer learning and teamwork.

Resource Availability: E-classrooms offer immediate access to a wide array of online resources, including e-books, journals, and educational videos, thereby enriching the learning experience beyond the confines of traditional textbooks.

DIGITAL LIBRARY/DEPARTMENTAL LIBRARY:

The academic performance of students is improved through self-directed learning and exploration beyond the prescribed syllabus. The institute diligently ensures the provision of essential facilities that extend beyond the curriculum, which encompasses Library services, Internet access, and subscriptions to online journals.

Functions of the Library:

- Providing overall guidance to both the Central and Departmental Libraries of the Institute.
- Assessing the library's operations in relation to its support for the academic programs offered by the Institute.



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- Developing an action plan aimed at enhancing library infrastructure, facilities, products, and services.
- Evaluating feedback from library users and advising management on policy matters concerning library development.
- Promoting and supporting the research activities of the institution.
- Addressing the daily concerns of library clients and staff.
- Facilitating communication between the Central Library and various academic departments for the acquisition of books and journals.
- Students are encouraged and supported in their enrolment in NPTEL and SWAYAM.

Library e-Resources:

The Digital Library has 30 computers and several E- Resource of e-journals, e-books, video lectures (like NPTEL), and audio lectures of various publishers are made available in the Digital Library for effective teaching learning process.

No. of Total Technical Journals/ Magazines subscribed (Hard Copy)	Internationally acclaimed titles in (Softcopy)
78	J-Gate - 60,000+ DELNET - 7,000+ IEEE-200+



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Students listening to NPTEL Lectures in Digital Library



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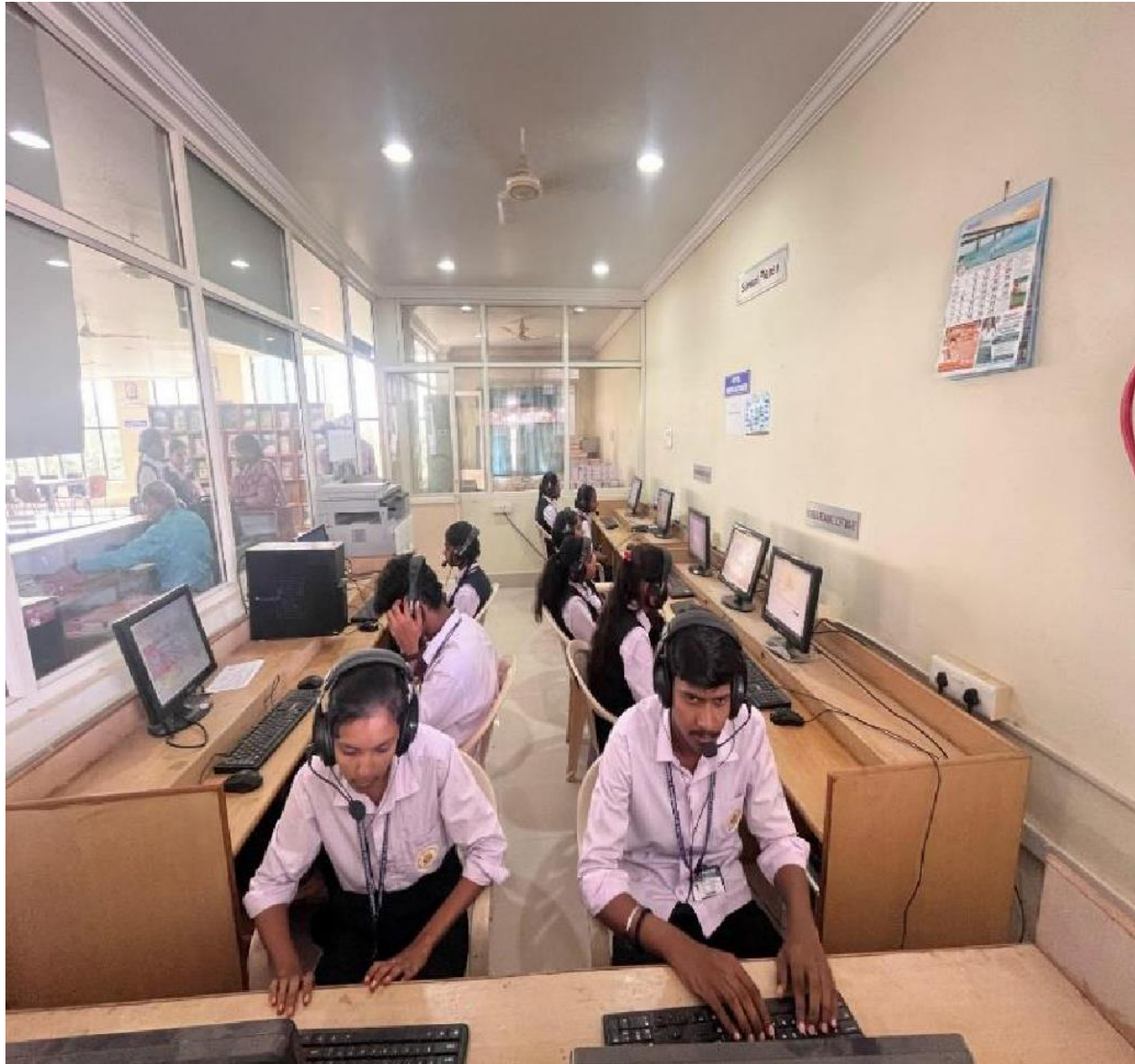
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DIGITAL LIBRARY:

- Digital library access is provided to all the students to make best utilization of self-learning.
- Students are able to scan through the reading material available to them in institute library.
- Students are able to do better in competitive examinations and get placed in suitable companies through the competitive books/journals available in library
- All the material related to self-learning are available for all the students

The institution provides various modes of in learning such as:

E-Learning: The institute allows to access text books & references, course materials, project reports, magazines, printed journals & e-journals.

CREDENTIALS:

J-GATE :

User Name: siettuser

Password: jgate3@2024

DELNET:

User Name: tgsiet

Password: sie3976

OPAC:

User Name: Student hall ticket number

Password: webcap



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Availability of Digital Library Contents:

Content	Accessibility
NPTEL Video Lecture	Access Provided to NPTEL Video Lecture Content
Availability over Intranet/Internet	YES
No. of users per day :	25-35 Per Day

Facilities for Student e-Learning

S. No.	Facility / Item	Description
1	Digital Library	30 Computers with internet

Web-based Learning Facilities:

- The institute has all computer labs with internet facility to encourage students towards self-learning.
- Encouraging students to engage in inter-college activities such as paper presentations and project exhibitions
- Allowing students to prepare and present topics from curriculum.
- Availability Language lab facility