



## YEARLY STATUS REPORT - 2023-2024

### Part A

#### Data of the Institution

##### 1. Name of the Institution

VIGNAN'S LARA INSTITUTE OF  
TECHNOLOGY & SCIENCE

- Name of the Head of the institution **Dr. K. PHANEENDRA KUMAR**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **08632381238**
- Mobile No: **9441063389**
- Registered e-mail **principal@vignanlara.org**
- Alternate e-mail **vignanlara@gmail.com**
- Address **Vignan's Lara Institute of  
Technology & Science, Vadlamudi,  
Chebrolu Mandal, Guntur District,  
A.P.**
- City/Town **GUNTUR**
- State/UT **ANDHRA PRADESH**
- Pin Code **522213**

##### 2. Institutional status

- Affiliated / Constitution Colleges **Affiliated College**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Kakinada, Kakinada, A.P**
- Name of the IQAC Coordinator **Dr. M. Jemimah Carmichael**
- Phone No. **9487899987**
- Alternate phone No. **08632381238**
- Mobile **9866327785**
- IQAC e-mail address **deaniqac@vignanlara.org**
- Alternate e-mail address **vignanlara@gmail.com**

### 3. Website address (Web link of the AQAR (Previous Academic Year)

### 4. Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.vignanlara.org/approvals/IQAC/AC.php>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A+</b>	<b>3.31</b>	<b>2023</b>	<b>21/04/2023</b>	<b>20/04/2028</b>

### 6. Date of Establishment of IQAC **01/06/2017**

### 7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

### 8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of [View File](#)

IQAC

**9.No. of IQAC meetings held during the year**      **4**

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**

• If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

• If yes, mention the amount

**11.Significant contributions made by IQAC during the current year (maximum five bullets)**

Promotion of various activities leading to quality improvement in teaching-learning and research

Conduction of Academic and Administrative Audits

Collection and analysis of feedback from all the stakeholders

Implementation of Institution's Innovation Council activities

Preparation and submission of AQAR

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
Identification of Curriculum gaps and conduction of value-added programs to meet the requirements	Introduced Environmental Science as an audit course to the students and conducted 52 value added courses to meet the curriculum gap.
Programmes on quality issues for teachers	1) 6 Days in house FDP on OBE & NAAC Accreditation 2) Two day FDP on "NEP" 3) Two-days Seminar on "Research methodologies &

	IPR" 4) One day workshop on OBE 5) FOP on Enhancing Technical & Administrative Skills 6) Expert talk on Quality Enhancement in Higher Education 7) Seminar on Emotional Intelligence and Efficacy
NPTEL certifications	868 students and 20 faculty members completed the NPTEL certifications in cutting-edge technologies
Ideathon & Hackathon coding competitions	2 ideathons & 2 hackathons competitions were conducted to the students to enhance their coding skills and encouraged the merit students with prizes
Wipro Talent next	150 students have been trained by the wipro certified faculty members in Java Full - Stack technologies and 107 students are successfully completed all milestones conducted by Wipro
Research centres	Identified 3 departments and submitted applications for establishment of research centres to the affiliating University.
Institution's Innovation Council activities	4 outreach and intra & inter personality development programs, 1 project- expo and 1 field visit were organized to the students
Student Activity Council and Clubs	Formulated Student Activity Council and constituted 6 clubs to organize various events for overall development of the students
Faculty Development Programs	One-week AICTE - ATAL FDP was organized

13. Whether the AQAR was placed before Yes

**statutory body?**

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	22/01/2024

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	VIGNAN'S LARA INSTITUTE OF TECHNOLOGY & SCIENCE
• Name of the Head of the institution	Dr. K. PHANEENDRA KUMAR
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08632381238
• Mobile No:	9441063389
• Registered e-mail	principal@vignanlara.org
• Alternate e-mail	vignanlara@gmail.com
• Address	Vignan's Lara Institute of Technology & Science, Vadlamudi, Chebrolu Mandal, Guntur District, A.P.
• City/Town	GUNTUR
• State/UT	ANDHRA PRADESH
• Pin Code	522213
<b>2.Institutional status</b>	
• Affiliated / Constitution Colleges	Affiliated College
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Jawaharlal Nehru Technological

	University Kakinada, Kakinada, A.P				
• Name of the IQAC Coordinator	Dr. M. Jemimah Carmichael				
• Phone No.	9487899987				
• Alternate phone No.	08632381238				
• Mobile	9866327785				
• IQAC e-mail address	deaniqac@vignanlara.org				
• Alternate e-mail address	vignanlara@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>					
<b>4.Whether Academic Calendar prepared during the year?</b>					
Yes					
• if yes, whether it is uploaded in the Institutional website Web link:					
<a href="https://www.vignanlara.org/approvals/IQAC/AC.php">https://www.vignanlara.org/approvals/IQAC/AC.php</a>					
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A+	3.31	2023	21/04/2023	20/04/2028
<b>6.Date of Establishment of IQAC</b>			01/06/2017		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			4		

<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	Yes	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
Promotion of various activities leading to quality improvement in teaching-learning and research		
Conduction of Academic and Administrative Audits		
Collection and analysis of feedback from all the stakeholders		
Implementation of Institution's Innovation Council activities		
Preparation and submission of AQAR		
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		
Plan of Action	Achievements/Outcomes	
Identification of Curriculum gaps and conduction of value-added programs to meet the requirements	Introduced Environmental Science as an audit course to the students and conducted 52 value added courses to meet the curriculum gap.	
Programmes on quality issues for teachers	1) 6 Days in house FDP on OBE & NAAC Accreditation 2) Two day FDP on "NEP" 3) Two-days Seminar on "Research methodologies & IPR" 4) One day workshop on OBE 5) FOP on Enhancing Technical & Administrative Skills 6) Expert	



	talk on Quality Enhancement in Higher Education 7) Seminar on Emotional Intelligence and Efficacy
NPTEL certifications	868 students and 20 faculty members completed the NPTEL certifications in cutting-edge technologies
Ideathon & Hackathon coding competitions	2 ideathons & 2 hackathons competitions were conducted to the students to enhance their coding skills and encouraged the merit students with prizes
Wipro Talent next	150 students have been trained by the wipro certified faculty members in Java Full - Stack technologies and 107 students are successfully completed all milestones conducted by Wipro
Research centres	Identified 3 departments and submitted applications for establishment of research centres to the affiliating University.
Institution's Innovation Council activities	4 outreach and intra & inter personality development programs, 1 project- expo and 1 field visit were organized to the students
Student Activity Council and Clubs	Formulated Student Activity Council and constituted 6 clubs to organize various events for overall development of the students
Faculty Development Programs	One-week AICTE - ATAL FDP was organized
<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
Governing Body	22/01/2024

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	01/02/2024

#### 15. Multidisciplinary / interdisciplinary

Institute as an Autonomous college has proactively embraced the integration of interdisciplinary and multidisciplinary courses to support and to transform the students into globally competent personalities. The Humanities and Basic Science courses contribute around 25% of the overall credits in curriculum along with mandatory courses in all B.Tech. Programmes and the curriculum is designed to provide flexibility to students in selecting the courses and credits based on their choice to equip themselves for their career growth. In alignment with the AICTE's model curriculum, The institute introduced a range of interdisciplinary (Open Elective Courses) such as robotics, Cryptography, Artificial Intelligence, Machine learning, IoT, fundamental sciences, Environmental Pollution and Control, humanities, social sciences, engineering principles, and management studies. In addition to this chance is given to complete the courses of their choice by registering in "MOOCs". To prepare the students for multitasking "Value Added Courses" are offered. For the holistic development students are exposed to various societal problems as part of extension activities. To support multidisciplinary education as per National Education Policy (NEP) 2020, the curriculum places a strong emphasis on equipping students with cutting-edge skills. Through a sequence of skill development activities, our students gain extensive training in contemporary competencies that are vital for the evolving professional landscape.

#### 16. Academic bank of credits (ABC):

The government of India under National Educational Policy (NEP) - 2020 has designed Academic Bank of Credits (ABC) to facilitate the academic mobility for providing the students with the freedom to study across Higher Education Institutions (HEI) with an appropriate credit transfer mechanism. Vignan's Lara Institute of Technology & Science registered with National Academic Depository Digilocker. Hence provision is given to the students to learn the

best courses of interest on their own pace. And Institute is promoting student centric education by adapting different teaching methodologies and also allowing the students to register for online courses. The students pursuing education in our institution can redeem the credits and re-join the same program or any other institution in future and continue their education.

### **17.Skill development:**

The institute has thoughtfully integrated skill-oriented and skill enhanced courses into every semester beginning from the second year, each carrying a credit value of 2. These courses are meticulously designed to center around cutting-edge technologies. Furthermore, the institute is consistently promoting and supporting the students in pursuing certification courses, fostering a proactive approach toward enhancing their skill sets. Hence institution provides sufficient opportunities to students for enhancing their skills and knowledge by participating in various activities organised by Departments, Training & placement cell, Student Activity Council, Institution Innovation Council and Entrepreneurship Cell. Skill Enhancement activities start from I Year first Semester and continued till the eight semesters of their study. During first year of engineering focus is laid on Communication skills, Design thinking and Programming Skills. Students are exposed to mini-projects, Value added courses, Higher Programming Skills and Technical Activities in the II Year. In addition, students are deputed to various industries for two weeks to have hands on experience. In the third year in addition to academic's project Expos, Campus Recruitment Training (CRT) in quantitative, Aptitude, reasoning, coding is conducted. Students are also motivated to participate in technical paper presentations, Quizzes, hackathons, Ideathons. During IV-year Group discussions, Technical Interviews, Coding contests, Mock interviews are continuously organised and the students are sent for semester long Internship to have experiential learning as they are exposed to real time atmosphere.

### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

The institute has introduced an essential element of Indian Traditional Knowledge as a compulsory course within the curriculum. This course serves as a platform for students to delve into the significance of preserving Indian traditional wisdom within fields such as science, engineering and agriculture. In addition, during the induction program,

students are sensitized to universal human values, fostering a well-rounded approach to their education. Every year institute celebrates Sports day, Engineer's day, Teacher's day, Environmental day and also celebrates the cultural festivals like Sankranti, Dussehra, Ramzan & Christmas in which students participate and present the heritage of A.P and Indian culture. This shows the "Unity in Diversity" where the people with different backgrounds, characteristics and beliefs can come together in harmony and unity.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

In the realm of modern education, Outcome-Based Education (OBE) has emerged as a pivotal approach that places emphasis on measurable learning outcomes as the core of the educational experience. As a first step all the faculty members are well trained with the principles and practices of Outcome Based Education. Hence the faculty members are developed standards, criteria and indicator to assess course outcome attainment for each internal assessment and end semester examination. These are captured through assessment rubrics, rating scales and other measures. For this purpose, both direct and indirect attainment for courses in all programs are practiced. By delineating these outcomes, our institute has tailored the curriculum, teaching methodologies, and assessment strategies accordingly.

Implementation of OBE: Transitioning to Outcome-Based Education requires a collaborative effort involving faculty members, curriculum designers, and administrators. The process involves the defining of the course outcomes, designing aligned curriculum, student-centric pedagogy, performance assessment, feedback and their improvement. The spirit of Outcome-Based Education empowers the engineering students to cultivate practical skills and competencies required by the industry. This approach not only enhances the quality of education but also contributes to the overall growth and progress of our society.

#### **20.Distance education/online education:**

The institute has actively motivated the student to pursue Massive Open Online Courses (MOOCs), particularly through NPTEL. This effort extended to students and faculty members, who are strongly encouraged to participate in diversified certification courses offered by platforms such as SWAYAM and Coursera. To provide a well-rounded learning experience, students are given the flexibility to complete two elective courses via NPTEL. Evidencing our commitment to excellence, the institute has gained recognition as a valuable local chapter. Notably, our local

chapter's performance in online certifications has been acknowledged with rating of A. To support online education system the institution established state of art, studios for video, audio content creation and developed more than 3554 video lectures for about 115 courses. Faculty sometimes make use of online mode to teach the students who are pursuing internships at other locations. The whole college campus is WiFi enabled with digitally interaction panels installed in classrooms and hence no hindrance or obstacle was found in online education. All types of e-content material prepared by the faculty members are available to all the students.

## Extended Profile

### 1.Programme

1.1	15
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	3413
Number of students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.2	617
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	655
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	276
File Description	Documents
Data Template	<a href="#">View File</a>
3.2 Number of Sanctioned posts during the year	276
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	54
4.2 Total expenditure excluding salary during the year (INR in lakhs)	581.97
4.3 Total number of computers on campus for academic purposes	865

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The institute focus on imparting holistic learning experience to professional aspirants. The action plans are outlined for the effective implementation of the curriculum after the conduction of Board of Studies considering the feedback of all stakeholders for every program of UG & PG. A well-constructed departmental academic

calendar and timetable for each semester is prepared by incorporating induction program, value-added courses, seminars, guest lectures, workshops, industrial visits along with internal and external examination schedules. The teachers prepare course files to the courses assigned with lesson plan incorporation different teaching methods like chalk & talk method, ICT tools, experiential learning, project methods, question bank and CO-PO mapping. Twice in a semester CRC meetings are conducted to review the course syllabus coverage and student understanding levels. Based on the feedback, the respective HoD implements corrective actions to improve the quality of teaching-learning. Academic audit is conducted by IQAC every semester to identify any non-conformance in the effective delivery of curriculum.

The NCC and NSS units of the college contributes in organizing seminars on emotional balance to benefit the students and society. The departments have mechanisms to monitor the students' progress through counselling system where each teacher is allotted with a certain number of students. Besides, the departments take various initiatives and organize different programmes for the slow and advanced learners. Students carry out a field work together to get exposure to the aspects beyond curriculum.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The IQAC prepares academic calendar of the institution prior to the commencement of academic year incorporating the commencement of class work, internal and external examinations, workshops, seminars, guest lectures etc. The performance of students in both theory and laboratory courses is measured by Continuous Internal Evaluation (CIE). The internal evaluation is done by conducting Assignment and Subjective type tests for every theory course as per the academic calendar. The course instructors prepare question papers based on the revised Bloom's Taxonomy level. The answer scripts are evaluated by the respective faculty as per the scheme of evaluation and the corrected answer scripts will be shown to the students for verification.

For laboratory courses, the experiments are conducted as per the schedule of experiments and are evaluated on the day of conduction of experiment. An internal examination is conducted for the same laboratory course at the end of semester. The internal evaluation of Project Work is done by conducting seminars to every batch of students and inputs are given by the Project Review Committee for continuous improvement and encourage to publish their works in conferences/journals.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

437



File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

52

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

5611

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

5424

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution places great importance in including courses that are diverse and cater to the cross cutting issues relevant to

sustainable environment, human values and professional ethics for addressing the economic, social and environmental challenges. The curriculum includes Professional Ethics, Environmental Studies, Human Values, Indian Constitution and Traditional Indian Knowledge.

### Gender Equity

Institute inculcates social values relevant to gender by organizing International Womens' Day, Save Girl Child campaign through poster exhibitions/wall paper presentations in the adopted villages by NSS units and Women Empowerment Committee to impart women empowerment.

### Environment and Sustainability

The curriculum includes the courses like Environmental Science, Disaster Management, Environmental Management etc. to make the students learn about sewage water collection, its treatment and disposal methods. The food waste generated in various locations of the institute is converted to bio-gas. NSS promotes every year environmental protection through tree plantation by undertaking a host of activities in the nearby villages.

### Human Values and Professional Ethics:

A course on "Universal Human Values: Understanding Harmony and Ethical Human Conduct" is introduced to the students to ensure holistic development and value based education. The institute offers a course on "Cyber Security" to create awareness on information security and impart values and ethics among the students.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	No File Uploaded

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

129

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

757

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders**  
**Students**  
**Teachers**  
**Employers**  
**Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of sanctioned seats during the year

1125

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

795

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute promises the progressive mechanism for identifying slow learners and improving their performance. The learning abilities of the students are evaluated through Mid-examinations, Assignment tests, Classroom interactions and Mentoring. Based on the performance of these activities, the students are categorized into advanced and slow learners.

Special Programs for slow learners:

- Remedial classes for slow learners and special attention by peer monitoring with support of advanced learners.
- Continuous counselling of students to understand their challenges and overcome any psychological unbalances or family issues.
- Backlog classes for supplementary examinations.
- Intimating their performance of internal and external examinations to the parents through letters/phone calls and recording feedback in counselling books.

Special programs for advanced learners

- Encouraging the students to do NPTEL and MOOC courses to learn advanced skills.
- Training the students for various certification courses offered by Industry to bridge the gap between academy and Industry.
- Issuing cash prizes to the academic toppers and winners of different coding competition.
- Encouraging them for higher studies by conducting various awareness programs to take up GATE, GRE, IELTS
- Encouraging final year students to publish papers in various international journals and conferences.
- Special training to place them in product based companies.

File Description	Documents
Link for additional Information	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C2/2.2/2.2.1/2.2.1_Summary_Sheet.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C2/2.2/2.2.1/2.2.1_Summary_Sheet.pdf</a>
Upload any additional information	No File Uploaded

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3413	276

File Description	Documents
Any additional information	<a href="#">View File</a>

## 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

In this Institution, the whole teaching and learning process is made student centric by adapting mechanisms the form of various pedagogical tools.

### Experiential learning:

Various online courses are provided to the students through Coursera, SWAYAM, Udemy and NPTEL to acquire knowledge of recent developments in the related areas. The teachers can also frame their teaching methodologies in collaboration to these online courses to trigger their interest and guide them to their right paths. The faculty members make learning sessions interactive with students by involving them in technical quizzes, group discussions and JAM.

### Participative learning:

- Students are benefited by introducing semester long internships.
- Project work stimulates the student's interest in the subject and provides an opportunity for freedom of thought and free exchange of different views.
- Students are benefited by participating in different Ideathons and Hackathons to serve the present industry

needs.

- Seminars are organized wherein the papers are presented by students on contemporary topics to enrich their learning experience.

**Problem-solving methodologies:**

- Case study method is adopted in teaching learning process to gain logical thinking, practical knowledge and problem solving ability.
- The students are exposed to aptitude, abstract and critical reasoning and are encouraged to participate in the global coding competitions like TCS CODEVITA and Wipro talent next to enhance their problem solving skills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Our institute infuses ICT tools in pedagogy to improve learning, engage learners, promote collaboration, foster enquiry, and exploration and create a student centric learning culture. These methodologies include

- Traditional chalk & talk method
- Power Point presentations using LCD projectors.
- Providing the real-time experience to the students by performing experiments in virtual laboratories such as V-labs.
- Sharing E-content and video lectures developed by the faculty
- Collaborative learning methods (like English communication lab)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

221

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	No File Uploaded

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

276

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year



66

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

276

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Institute practices transparent evaluation process to ensure transparency in internal assessment and is communicated to the students well in time. The Head of the institution holds meetings with the faculty members and directs them to ensure effective implementation of the evaluation process. The performance of students in Assignment tests, Mid examinations, Day to day experiments, Laboratory internal tests, Seminars, Project work and Field Visit/Field Work is continuously evaluated and revealed to them time to time for improvement. The internal examinations are conducted regularly as per the scheduled academic calendar. The results of all Assignments, Mid tests and Laboratory examinations are displayed on Notice boards and communicated to the students and their parents within four days from the date of examination.

For transparent and robust internal assessment, the following mechanisms are implemented.

- Question Paper Setting with blooms taxonomy.
- Conducting Examinations as per the Timetables and seating plan
  - Evaluating answer scripts as the scheme of evaluation
- Showing the valued answer scripts to the students and taking their signatures
- Display of results within timeline.

Due to internal assessment, the interest of the student towards learning and attending the classes has been increased.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The performance of the students in theory course is evaluated against 30 for internal and 70 for external. For theory subjects, there shall be two mid-term examinations. Each midterm examination consists of (i) one descriptive examination (25 marks) and (iii) one assignment (5 marks). The faculty evaluate answer scripts according to scheme of evaluation. The students verify their marks and affix signatures on answer scripts.

Laboratory courses:

The laboratory course is evaluated against 30 for internal and 70 for external. The distribution of internal marks shall be 10 marks for Day-to-day work; 5 marks for Record and 15 marks for internal laboratory test.

Grievance Redressal System for Internal Assessment:

If the students find discrepancies in the internal assessment of both theory and laboratory courses, they bring it to the notice of concerned faculty to rectify. If the discrepancy is not resolved at faculty level, students approach the respective HoD. Then, HoD constitutes a committee to resolve the issue in 3 working days.

**Impact :**

Due to transparency in the continuous internal assessment, grievances are considerably less.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

**2.6 - Student Performance and Learning Outcomes**

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institution has adopted outcome-based education for all and programs. The Program Outcomes (POs) are broad statements that describe the professional accomplishments. The POs relate to the skills, knowledge and behavioural traits which the students shall acquire during their graduation. The Program Specific Outcomes (PSOs) are the specific requirements of the respective program to be met and fulfilled by the students. The PSOs are framed after several brainstorming sessions among faculty members. The defined Course Outcomes (COs) are discussed and approved by Board of Studies.

The following mechanism is implemented by the institution to communicate the learning outcomes to the teachers and students. The Graduate attributes are described to the first-year students during the induction programme. The Learning Outcomes of the Programs and Courses are observed and measured periodically.

1. Hard Copy of syllabi and Learning Outcomes are made available in the departments for ready reference to the teachers and students
  2. The importance of the learning outcomes is communicated to the teachers by IQAC.
  3. Workshops for staff and students are conducted for developing the Programme Educational Objectives and Learning outcomes at college level.
  4. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.
- College Website, Classrooms, Department Notice Boards,

**Laboratories**

- Meetings/ Interactions with employers, Workshops, FDPs, Faculty meetings
- Alumni meetings, Professional Body meetings, Library

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The POs and COs are evaluated through direct (80%) and indirect (20%) assessments. The direct assessment of POs is carried out by the following tools.

1. Internal Assessment tools include

1. Assignment Tests
2. Mid-term Examinations
3. Continuous Laboratory Assessment
4. Internal Laboratory Examination
5. Seminars
6. Project Work Internal Assessment

1. External Assessment tools include

h) Semester End Theory Examinations

i) Semester End Laboratory Examinations

j) Semester End Project Viva-Voce

k) Internships

The indirect assessment of POs is used to measure certain implicit qualities of student learning by collecting feedback from all the stake holders. The course correlation matrix shows the learning relationship between COs and POs which indicates whether the students achieve the course outcomes. Overall attainment level for the batch is compared with targeted level suggested by Department Advisory Committee (DAC). If the targeted attainment level is

reached, then the POs and PSOs are considered as achieved.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

1567

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[https://www.vignanlara.org/NAAC/AQAR202324/C2/2.7/2.7.1/2.7.1\\_Student\\_Satisfaction\\_Survey.pdf](https://www.vignanlara.org/NAAC/AQAR202324/C2/2.7/2.7.1/2.7.1_Student_Satisfaction_Survey.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

26

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

16

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

## 3.2 - Research Publications and Awards

### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

#### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

65

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

42

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute is deeply committed to a broad spectrum of extension and outreach activities aimed at benefiting the students and the society. The Institute conducts several extension activities through NSS, NCC and other Clubs. They contribute to community welfare through various initiatives like Swachh Bharat campaigns, Blood donation camp, Trees plantation in college premises and at adopted villages (Vadlamudi, Vejendla, and Selapadu etc).

Interested college students will enrol with NSS Coordinator, and the volunteers participate in various societal activities awareness programs like AIDS, Voter ID registration, awareness rallies in surrounding villages on health, hygiene, and Literacy. The unit received five awards like Life Saver, ISKON, Harvest of

India for conducting blood donation camps, Swachh Bhart and plantation.

NCC unit is associated with 10 Andhra Girls Battalion, Syamala Nagar, Guntur. 30 girl cadets received B certificates, 5 cadets got A grade and 18 girl cadets received C certificates. Today's youth are the future of our country. So, to develop patriotism in our students, institute grandly celebrates Independence Day, Republic Day, Yoga Day, Awareness on 'Say No to Drugs and Plastic' and Meri Matti Mera Desh in cooperation with all the NCC cadets. Signifying their commitment to social service, the students regularly visit orphanages providing lunch and donating groceries. This holistic approach enhances students' attitude and skills, nurtures empathy and develops a sense of responsibility towards all living beings.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year



26

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

2618

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

63

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

23

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institution is situated on an eco-friendly green campus of 10.56 acres with good infrastructural facilities spread over two blocks with the built-up area of 32,993 sq. m.

- 48 ICT enabled classrooms with Wi-Fi, LAN, LCD Projector.
- 12 tutorial rooms.
- 53 laboratories and 5 research labs.
- Lift facility for all blocks.
- 6 AC seminar halls to conduct curricular, co-curricular, and extra-curricular activities.
- Computers with MAT and ANSYS software for solving analytical problems.
- Ramp facility, Lift facility and Separate washrooms for Divyangjan
- Open-air theatre of 1500 sq. m
- Cafeteria with capacity of 500 members.
- Parking facility for staff and students.
- 250 kVA generator along with UPS of 140 kVA.
- Solar systems with 200 kW capacity to save around Rs. 1.3 lakhs/month.
- Every month, about 1500 kVAh solar power is supplied to APCPDCL.
- 60 Fire-extinguishers in the laboratories and prominent places.

- Separate hostels for 500 boys and 400 girls.
- A reverse osmosis plant of 1000 liters/hour for drinking water.
- Rainwater recharging system with a volume of 2428 cubic meters.
- Biogas plant to produce 70 kg/day from 1000 kg/day of food waste.
- Sewage water treatment plant with a capacity of 600 kilo liters/day.
- On-campus "Health Centre" with a doctor, nurse and an ambulance round the clock.
- 25 college buses for staff and students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

**Cultural activities:**

The institution also encourages cultural activities for all-around development of the students. About 230 competitions were conducted on singing, dance, rangoli, skits, painting, and mime in the academic year 2023-24 at the Open-air theatre.

**Sports, Games, Gymnasium, and Yoga center:**

**Indoor game facilities:**

- 10 Carrom boards
- 10 Chess boards
- 4 Table tennis boards

**Outdoor game facilities:**

- 4 Volleyball courts
- 2 Basketball courts
- 1 Football court
- 2 Badminton courts
- 2 Kabaddi courts
- 2 Throw ball courts

- 2 Tennikoit courts
- 1 Cricket playground
- Separate gym is available for boys and girls.
- Yoga centre facility to the students and staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

54

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

581.97

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

A fully automated air-conditioned "Central library" is accommodated in a 700 sq. m area. It has 5961 book titles, 25143 volumes, 8928 e-books, 102 print and 6068 online journals in reference and issue sections, and 20 computers in a digital library. Apart from the regular books, SC and ST book banks have 3551 book volumes and 312 titles.

**Integrated Library Management System (ILMS):** The institution's library has good ILMS, i.e., EZLIB, which was introduced in 2007. Its main features are as follows.

- **Backup and recovery:** A simple click on 'Take Backup' will back up the data from the beginning and generate an MYSQL file, which is used to retrieve the data.
- **OPAC:** It has basic search and advanced search for BBSC (Book Bank SC) /BBST (Book Bank ST)/Bound Volumes/CDs/Comp Gift/Gift Books/Magazines/Material/Project Reports/Question Papers/VLITS.
- **Help:** The help tab provides information on various software features, viz., configuring Ezlib, system administration, cataloguing, account holder maintenance, circulations, utilities, OPAC, report generation, acquisitions, gatekeeper, and digital library.
- **Students and staff** can update their profiles and search books and journals by logging into their Ezlib account with their credentials after connecting to the campus LAN using the link <http://ezlib>.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

13.01

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

884

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

### 4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

#### Policy of ITIDC:

- IT Infrastructure Development Committee (ITDC) is designed to provide IT infrastructure to the students and faculty with full assistance.
- The Committee receives requirements of computers, software, internet, repairs, maintenance, upgradation and disposal of the existing computer systems.
- The committee conducts a meeting and discusses the feasibility and provides their recommendations to the Head of the Institution (HoI).
- HoI finalizes the proposal after discussing with the purchase committee

Budget spent on IT Facilities: Rs. 47.13Lakhs in the year 2023-24.

#### IT Facilities:

- 865 computers in various laboratories.
- Student-computer ratio is 3.95:1
- 1 Gbps of network bandwidth
- Fiber-optic backbone by Matrix E Services and BSNL.
- MIKROTIK router
- Wired/wireless internet facility.
- 32 Wi-Fi access points.
- 520 computers with Intel Core i5 processors.
- Windows 10 and 11 operating systems.
- 1 Rack and 2 Blade Servers each with 6 TB storage capacity.

#### Software:

Microsoft Dream Spark, Creo 2.0, MATLAB R2013b, Xilinx 2016

Edition, Visual Studio Ultimate, Mentor Graphics HEP1, STAAD Pro, ANSYS 14.0 IBM Rational Rose, AutoCAD, ArcGIS.

**Free software:**

Linux, Java, Python, C, C++ (Turbo), Xampp, My SQL, Star UML, SQL Server, Putty, Apache Tomcat, Net Beam, Eclipse, Kaspersky to detect and remove viruses.

Backup of 15 TB capacity, UPS of 10/20 kVA for all Labs, 140 kVA UPS for institution, 250 kVA power generator.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

865

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**      A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**

**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**



274.29

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has an established system to monitor the utilization and maintenance of classrooms, equipment, computers, laboratories, library, and sports. An engineering and hardware section will take care all the physical and academic facilities. After receiving the complaint, the respective team members will resolve them, and they report to the Chairman, Infrastructure Development Committee.

- A well-established feedback mechanism from students to collect related issues of the infrastructure of classrooms and laboratories.
- A clearly defined procedure is in place for the maintenance of the library and its resources.
- The Convener, ITIDC along with the hardware team, oversees the upkeep of the ICT facilities across the entire campus.
- Lab In-Charges supported by Lab Technicians, are responsible for the maintenance of equipment and instruments, while heavy repairs are outsourced as needed.
- An Annual Maintenance Contract (AMC) is implemented to ensure the upkeep of high-end equipment, servers, lifts, and air conditioning units.
- Research Labs equipped with sophisticated instruments are maintained by a faculty member in charge, who reports directly to the respective Head of Department.
- Additionally, the sports equipment, fitness facilities, and various playgrounds on campus are supervised and maintained by the Director, Physical Education Department.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2256

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to institutional website	<a href="https://www.vignanlara.org/facilities/cbsei.php">https://www.vignanlara.org/facilities/cbsei.php</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**3024**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**3024**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

618

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

38

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations

(eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

107

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

13

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The institution has an active Student Activity Council (SAC), provides students with a dedicated representation council, which promotes cooperation and harmony among the students. There are 6 clubs under SAC, including literary, cultural, fine arts, multimedia, technical, and sports clubs. All of these clubs consistently plan different events to bring out the inherent talent of the students. The SAC committee members continuously record and spread activities/events that are happened in the college and spread over the social media. The students are involved

in various Institute level committees as Grievance Redressal Committee, Anti Ragging Committee, Internal Complaints Committee and SC/ST/OBC Committee for the betterment of the administrative activities.

The Technical club continuously conducts the Ideathons, Hackathons, Codethons to uplift the coding skills and technical skills to meet the standards of the MNC companies.

The feedback of SAC and Institutional committees is used for the overall development of the student success in academics, curricular and extra-curricular activities.

Outcome:

1. The team spirit, leadership qualities, managerial skills and confidence levels of the students is enhanced.
2. Coding Culture give the better outcomes in different coding competitions and further helps in cracking high paid jobs in MNCs.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

25

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The institution has a registered Alumni Association named "Vignan's Lara Alumni Association" with society registration number 322(2021). The Association is led by Mr. M.V. Sudarsan, President of Alumni Association. The college has a well-connected alumni network and it continuously works for the academic and institutional development. The Alumni Association maintains a database which includes information of students pursuing higher education and passed out students. The alumni meet, guest lectures and institute interfacing programs are conducted regularly at college campus to understand the requirements of corporate companies. Nearly 90 alumni students have visited so far to share their experiences and they addressed the students on latest trends like Generative AI, ML, Data Science, DevOps etc.

Alumni guide the students towards internships, mini projects and online certificate courses for active participation in the national and international level coding competitions and also encourage the students towards the competitive exams like GATE, GRE, IELTS, CAT etc. Some alumni who have undergone higher studies will guide the students regarding the prospects of higher studies like M.Tech, M.S, MBA etc. The alumni suggest the students to participate actively in various Co and Extra-Curricular activities. They also provide financial support to the college.

Outcomes:

1. The number of students undergoing internships is increased.
2. The high package placements and higher studies increased.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Carving the students into renowned professionals with psychological strength, emotional balance, social awareness and ethical values is the Vision and Mission of our institution. Good governance is the commitment that the Management of Vignan's Lara Institute of Technology & Science has taken in order to sculpture the students' lives and staff welfare.

To meet the changing demands and challenges of the industry, integrated curriculum imbued through autonomy. Community service projects, Global certifications, Training for product based company hiring, Value added and open access courses implemented to tune student energies in line with the institutions vision.

Experienced Faculty from other reputed higher educational institutions with an acute bent for research have been recruited such that, they can cultivate the research habit in the students and to get involved in deriving solutions to different industry and societal problems.

Awards and Incentives were given to students and staff for their exemplary outcomes in creating solutions for day to day problems. Physical wellbeing of all incumbents of the system became vital, Outdoor Sports & Indoor games were part of the curriculum and almost every student spends good time in them.



**Impact: 70-75% Placements, 10% joined higher education & 3.75 LPA average pay package attained.**

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Leadership effectiveness is exhibited in all the day-to-day activities of institution at an exemplary level. Over 1½ decades of distinct services to the society & outcomes, created a strong public affiliation and the most preferred institution image in this region.

Decentralized authority, structured hierarchy derived success in academics as well in crafting students careers.

The Governing Body gave broad outline of ideas to realize the Vision and Mission of the institution adhering to the timelines.

The participative management and Decentralized authority executed the plans following a systematic approach.

The 21 core committees converged progressive ideas to the core in a transparent manner. Regular feedback mechanism involving all the stakeholders paved ways in for effective management.

Confirming to the results, Staff and students acknowledged the responsiveness of true leadership.

**Impact:**

- 90% Admission completed
- Increased pass percentage and more than 90% faculty achieved good feedback
- No. of quality placements improved.
- H-index of the institution increased to 23.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The effective functioning of an educational institution surely depends on its strategic plan. Governing Body, Principal, Deans & HoDs of Vignan's Lara articulated and executed the strategic plan to realize institute's Vision and Mission.

#### Strategic plan Initiatives undertaken:

**Academic Planning:** Value added courses in the curriculum, Revision-Practice-Test programmes, certifications, career oriented training, higher education guidance, Cambridge university certifications (PET & BEC) for communication and soft skills implemented.

**Research and Development:** Encouraged all faculty to involve in industrycollaborated research, Inculcated the habit of research among out going students, financial support given for publications and patents with great focus on improving the quality of publications and institutional h-index

**Faculty:** Recruited good no. of faculty with Ph.D, non-doctoral faculty guided to enrol for Ph.D, developing a culture of continuous learning among faculty and to involve in research, organized various FDPs, Seminars and Workshops to improve teachingquality

**Infrastructure:** MoUs with reputed organizations across industry, proposed CoEs Establishment, faculty involved in process-oriented Research, developed 48 smart class rooms and Digital Library, Automation software's like eCap, eZLib, EMS were implemented to digitize institution's all academic and administrative activities, and also to convert college into a green campus.

**Work Culture:** Knowledge sharing is the new age care for all students' enlightenment. Experienced faculty working day in and day out with great empathy towards the student success and

parents' aspirations at Vignan's Lara. Improved academic performance and collective growth achieved.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

All the transactions and activities executed by the institution are transparent. The college adheres to the principles and policies framed by its Governing Body.

Governing Body consists of external (Industry, Commerce, Affiliate bodies and Academia), internal members (experienced academicians with rich research knowledge) provided guidelines to improve effectiveness in all core activities of the institution.

Internal Quality Assurance Cell (IQAC) reviews the teaching learning process regularly and makes necessary recommendations for the improvement of outcomes in operations and learning prospects.

The decentralization resulted in effective monitoring and implementation and delegated 21 committees/cells working for the smooth functioning and progression of the organization. The office bearers of these committees collectively discuss and implement all service rules and other policies, effectively.

Impact:

- Intake quality and admitted students number increased
- Students pass percentage improved
- Quality of Placements and Average pay package in core branches also increased
- Publications Number and quality raised

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

**Welfare measures for all teaching and non-teaching staff:**

- 50% concession in the tuition fee for wards of staff across Vignan Group of Institutions
- Study, Earned, Medical and Maternity leaves
- Subsidized transport facility.
- Accidental/Health insurance for all staff and students
- Employee provident fund and ESI facility for all eligible staff
- In house Primary health-centre and free health camps
- Academic Performance, Research and Publication Incentives
- Daily Tea, Snacks/Refreshments and Sweets during festivals for all staff
- Financial support for workshops, STTPs. Conferences, Professional membership and Sponsored projects.

**Impact :**

1. 211 faculty members availed financial support to attend workshops, conferences, and for professional body memberships
2. 234 Teaching and Non teaching staff utilized Free/Subsidized transport
3. 66 Ph.D holders from IITs, NITs, IIITs, other reputed Govt. & Deemed Universities joined to serve the students
4. 8 faculty members completed Ph.D in respective domain over 4 years
5. 23 faculty have registered for Ph.D and seriously involved in Research
6. Institutional h-index rose to 23 from 13.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

#### 6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

211

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

#### 6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

1218

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

210

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

There is a conducive environment prevailing in the institution that paves way for the continuous growth and development of faculty members in teaching-learning, administration and research arena. The staff members are assessed based on their performance

through our appraisal system

**For Teaching Staff:** Any faculty with minimum one complete year of service in the institute will be assessed for a total of 100 marks: 20M for academic performance, 20M for feedback analysis, 35M for research & Publications & 25M for administrative and other supporting works.

**Process:** Staff Selection Committee reviews all the self-appraisal forms submitted, categorizes the faculties into A, B, C categories, recommends substantial prospects to the Head of the institution. Principal in coordination with the approval of Governing Body provides incentives, increments, promotions and appropriate corrective actions.

**For Non-teaching Staff:** A committee headed by Dean, HoDs, and AO evaluates staff performance by collecting confidential reports from respective department Heads annually.

**Process:** Based on different parameters like work attitude, skill, discipline and dedication, etc. non-teaching staff will be assessed and scaled as O-Outstanding, A-Very Good, B-Good, C-Average, D-Not satisfactory.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Efficient planning of available financial resources help the institution in achieving the desired goals and necessary strategic growth of the institution. The required funds are accumulated from Government, Authorized organizations and Students in the form of Tuition Fee, Consultancy revenue, Sponsorships, Alumni and Research grants.

Optimal resource utilization Strategies are as follows:

- Procurement/Purchases through competitive quotes.

- Publicity expenditure minimized through brand building and public relations
- Green campus initiatives helped in optimizing the Electricity/Energy sources

**Internal Audit:**

Budget implementation, Deployment of allocated resources is under the strict supervision of an ICAI certified internal audit firm. Head of the Institution in coordination with the Finance officer implements remedial measures.

**Audit aberrations resolution Process:**

- Minor corrections in book-keeping by the finance department.
- Remarks of auditors on smaller issues are settled by the finance officer.
- Internal audit differences are resolved in 10 to 15 days.
- Long pending payments are approved by the Principal on the merit base.

**External Audit:**

Once in every year, external audit is conducted by an ICAI certified audit firm. Income and Expenditure Statement, Balance Sheet and its schedules are verified by them. Institute's website contains such reports and the same will be submitted to various regulatory bodies periodically.

**Impact:**

- Optimum utilization of resources, and substantial growth achieved.
- All Financial transactions performed through banks and facilitated transparency.
- No history of objections by Income Tax Department.
- For 2023-24, No pending issues.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>



## 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

32.387

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

**Resources Mobilization Policy:** The required funds are mobilized through different sources. However, the tuition fee is the main source of income. Available resources mobilization options are Tuition fee, Projects grants like DST, TAER and AICTE approved Seminars.

Institution follows a systematic procedure towards allocation of budgets to the specific needs with thorough planning. Every Department will submit estimates under various heads of expenses in the form of budget proposals before the commencement of financial year. In coordination with the finance officer, HoI gets the approval from Governing Body and management for a consolidated budget with a good scope for meeting differed changes due to market scenario and subsequently things proceed.

#### Expenditure Classification:

The components of expenditure include:

- 40% - salaries
- 30.7% - infrastructure augmentation
- 18.2% - maintenance
- 8% - R&D
- 3% - student scholarships

#### Optimal Resource Mobilization Strategies:

- eCap office automation software implemented across the campus for all the financial transactions which leads to transparency and ease of doing.
- Group Accidental Policy coverage for all staff and students
- Regular maintenance of all machinery lead to minimized overhauling/spares replacement expenses
- Purchases through competitive quotes resulted in minimized acquisition cost

Focused public relations strategy resulted in good brand image

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

**Parents Felicitation:** Parents Felicitation has been practiced since 2009, and streamlined from 2016 as a result of the IQAC initiative in collaboration with the Training and Placement Cell. The unique feature of the institution is transforming social, rural, and economically backward student into a good knowledgeable and highly skilled professional. IQAC conducts SWOT analysis for each student by giving more attention through effective mentoring system. Oral and written communication skills, problem solving ability, creative and lateral thinking behaviour, intra and interpersonal skills, hobbies etc. are identified for each student and improved by conducting various academic and personality development programs. IQAC conducts academic and administrative audit for each program and suggests improvement. It identifies the gaps and helps in conducting co-curricular activities by which students get placed in MNCs. The parents of these students are felicitated at the end of every Academic year.

**Use of ICT facilities in Teaching Learning Process:** The use of ICT tools has become an integral part in teaching-learning process and mentioned in lesson plan as per the guidance of IQAC. All 48 class rooms are ICT-enabled. Each department has at least one smart board. The Institution has provided internet connectivity with a band width of 1Gbps throughout the campus and connected through broadband/Wi-Fi. IQAC utilizes all 6 ICT-enabled seminar halls to

conduct Seminars, Workshops, MOOCS courses, FDPs, FOPs etc. to improve effective teaching and learning process.

File Description	Documents
Paste link for additional information	<a href="https://www.vignanlara.org/NAAC/AOAR202324/C4/4.1/4.1.1/4.1.1_Summary_Sheet.pdf">https://www.vignanlara.org/NAAC/AOAR202324/C4/4.1/4.1.1/4.1.1_Summary_Sheet.pdf</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

#### Implementation of Pedagogical Methods in Teaching Learning

For implementing teaching and learning process, 48 ICT-enabled classrooms, 12 tutorial rooms, 53 well established laboratories, 5 research labs and 6 ICT-enabled seminar halls are available. IQAC team reviews, observes the gaps and take steps to improve the teaching learning process continuously by conducting academic audit. The institutional academic calendar by IQAC and in line with, department academic calendar is prepared. The lesson plan is prepared, audited and distributed on the first day of the semester. The student-centric methods like Experiential Learning, Blended learning, Flipped classroom, Problem-solving Methods and Collaborative learning are practiced for improving the learning experience.

#### Strategies for Effective Execution of Internship, Online Certification Programs and Encouraging Bright/Weak Students

**Internships:** As per the curriculum, around 2200 students of second and third year underwent internships on the latest technology which developed critical thinking, problem-solving, and teamwork. It helps to gain knowledge and apply them to real-world problems.

**Online Certifications:** Twenty faculties and 868 completed the NPTEL certifications in cutting-edge technologies.

**Encouraging Bright Students:** Providing challenging tasks, additional reading materials, and mentorship opportunities to bright students can help them reach their full potential to excel

in their academic and professional careers. Ten students cleared GATE examination.

#### Supporting Weak Students:

After first midterm examination, the students having less than 50% of marks are provided with remedial classes to improve in academics.

File Description	Documents
Paste link for additional information	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C2/2.3/2.3.2/2.3.2_Student_Centric_Methods.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C2/2.3/2.3.2/2.3.2_Student_Centric_Methods.pdf</a>
Upload any additional information	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://vignanlara.org/aboutus/ar/2024.pdf">https://vignanlara.org/aboutus/ar/2024.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

At this institution, gender equity is given a top priority and reflected in all aspects of campus life. The courses addressing gender equity issues are incorporated into the curriculum, while various activities are organized to raise awareness and foster inclusivity. Experts are invited to deliver talks that empower female students and faculty emphasizing personal and professional growth. To support these efforts, the institute has implemented initiatives such as special placement drives exclusively for girl students, awareness programs on topics like "Education for Women", "Women and Girls in Science" and "Empowering Women" as well as "Health Check-ups" and "Medical Camps" dedicated to the well-being of girl students. The campus environment ensures safety and comfort through comprehensive CCTV surveillance, the presence of women security personnel, who support and train students. Mentorship and counselling services help students to address personal and academic challenges, particularly during their transition from adolescence. Common rooms are provided to take rest. The college has an Anti-Ragging Cell that effectively addresses to make the campus ragging free. These initiatives have created a respectful and inclusive atmosphere on campus, leading to an increase in the percentage of female students and faculty, and reinforcing the college commitment to gender equity.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.1/7.1.1 Summary Sheet.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.1/7.1.1 Summary Sheet.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The Institute emphasizes on environmental sustainability through sustainable practices like minimizing waste generation, recycling and resource optimization. The students and staff are regularly given awareness through seminars, posters and National Service Scheme camps. Waste collection is systematically carried out across the campus. Some waste management systems are: Solid, Liquid, Biomedical, E-waste, radioactive and Hazardous chemicals.

**Solid waste:** The institute generates approximately 200 kg of wet waste and 150 kg of dry waste daily. To facilitate waste segregation, three color-coded bins are utilized at multiple levels:

Green bins: Biodegradable waste, Blue bins: Recyclable materials, Red bins: Biomedical waste.

**Liquid waste:** It is generated through septic tank effluents from various sanitary blocks and wastewater from the canteen. The waste water from RO plant and laboratories is recycled and used for gardening and watering trees.

**Biomedical waste:** It is collected from on-campus hostels which include materials like used gloves, masks, syringes, bandages, and other medical items. The waste is separated at its source and placed in secure containers to avoid health risks.

**E-waste:** It is categorized into two distinct types for efficient management and disposal.

- Electronic devices like computers, printers, monitors, keyboards, mouse etc.
- Electrical components like fused tube lights, fans, switch boards, etc.,

These materials are securely stored and disposed through authorized services, ensuring safe transport to certified disposal

facilities.

**Impact:**

The use of recyclables led to minimize the land fill.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.3_Geotag_photos.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.3_Geotag_photos.pdf</a>
Any other relevant information	No File Uploaded

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus** A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:** A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**A. Any 4 or all of the above**



File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college is committed to fostering a community of youth with noble attitudes and moral responsibility. It promotes ethical, cultural, and spiritual values through various initiatives aimed at enhancing emotional and religious sentiments. Commemorative days are observed on campus, encouraging unity, social harmony, and recreational enjoyment. Vignan's Lara Institute of Technology and Science uphold equality among all cultures and traditions, with students from diverse castes, religions, and regions studying without discrimination. The institution maintains an inclusive environment, free from intolerance towards cultural, linguistic, communal, socio-economic, and other forms of diversity. Active participation in cultural and regional festivals, such as Varalakshmi Vratam, Ramadan, Christmas, and Telugu Bhasha Dinotsavam, along with events like debates, elocution competitions, tree plantation drives, and blood donation camps, reflect the college's commitment to social harmony. Motivational lectures by distinguished speakers promote holistic student development, emphasizing responsible citizenship and national values. The college also provides strong infrastructure for sports, supporting students' physical well-being. Through these efforts, the institution aims to cultivate an inclusive, harmonious environment that celebrates diversity while fostering a sense of unity and responsibility among students, staff, and faculty.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Vignan's Lara is always ahead in conducting various programs to sensitize the students and employees to constitutional obligation such as human values, rights, duties and responsibilities of citizens. The institution was organizing different activities for inculcating values for becoming responsible citizens. In the academic year 2023-24, in order to bring awareness on human values, rights, and duties, an essay writing competition was conducted in the month of August 2023, to give awareness among the students on different articles of the constitution.

"Constitutional Day" was celebrated in the month of November 2023. "Human Rights Day" was conducted in the college on 9th Dec 2023 to sensitize the students on the rights and duties. To bring awareness on the importance of cleanliness "Swachh Bharath Abhiyan" program was conducted on 6th November 2023. A seminar was conducted on "Anti-ragging" for both boys and girls and different sections of law were explained to them. A guest lecture was arranged on "Gender Sensitivity" in the month of Jan 16th 2024, in order to foster awareness and understanding about the significance of gender equality and inclusivity. An "Elocution Competition on Civic Responsibilities" was organized in the month of February 19th, 2024 and students were motivated on their role and duties in contributing to a responsible and well-functioning society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The** A. All of the above

**Code of Conduct is displayed on the website**  
**There is a committee to monitor adherence to**  
**the Code of Conduct Institution organizes**  
**professional ethics programmes for**  
**students, teachers, administrators**  
**and other staff**      **4. Annual awareness**  
**programmes on Code of Conduct are**  
**organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Vignan's Lara Institute of Technology & Science celebrates various National and international days, Events, and Festivals to encourage patriotism and unity among students and staff. The institution invites important personalities like Politicians, Retired defense personnel, and Judges to speak. The institution also celebrates events such as the Birth anniversaries of great Indian leaders and Social reformers to honour their contributions. Important events like International Women's Day, International Yoga Day, World water Day, Human Rights Day, Mathematics Day and Youth Day are observed to raise awareness on important issues like climate change and science. Engineer's Day is celebrated on 15th September, with student projects that aim to solve real-world problems. The festivals like Sankranthi, Dussehra, Ugadi, Sri Krishnastami, Christmas, and Ramzan are celebrated with active participation from students and staff. The use of plastic is banned to support environmental conservation. These activities help to promote harmony and unity among everyone at the institution.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice I

#### 1. Title of the practice

Faculty Empowerment and Motivational Strategies

#### 2. Objectives of the practice

To Enhance faculty skills in teaching, mentoring, assessment, foster values, and continuous learning for excellence

#### 3. The context

To equip faculty to excel in professional roles with effective teaching methodologies, communication skills, motivational strategies, student-cantered learning and excellence in teaching

#### 4. The practice

Master academic responsibilities, ICT tools, Bloom-aligned assessments, teaching aids, effective evaluation, and foster research culture for innovation.

#### 5. Evidence of success

23 FDPs were conducted, attended by 210 faculties. 1/3rd of faculty achieved 100% results.

#### 6. Problems encountered and Resources required.

Availability of qualified resource people for extended periods at

rural locations.

**Best Practice II**

**1. Title of the practice**

Parents felicitation

**2. Objectives of the practice**

To honour parents, motivate students, emphasize family values, foster collaboration, inspire positivity, and promote a culture of celebration.

**3. The context**

Institute fosters holistic development by integrating familial support into education, promoting collaboration among students, faculty, and families.

**4. The practice**

The felicitation ceremonies include Personalized Recognition, Student Motivation, Community Engagement and Extended Impact.

**5. Evidence of success**

Students of our institution work diligently to excel in their careers, striving for success that brings pride and recognition.

**6. Problems encountered and Resources required.**

Hosting such a grand event required substantial funding and meticulous planning to ensure its success

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

## Transforming the Rural, Social, and Economically Backward Students as Globally Competent Professionals

Institute aims to transform rural, socially backward, and economically disadvantaged students into globally competent professionals. Established to provide equal educational opportunities, Institute emphasizes academic excellence, ethical values, and emotional intelligence, preparing students for success in the global job market. With 65% of students from rural areas, 55% from socially backward communities, and 68% from economically weaker sections.

From the second year, students receive advanced programming training in C, data structures, and Python to excel in tech industries. Institute encourages participation in national-level technical events, fostering skill development and innovation. The Student Activity Council promotes leadership, teamwork through cultural, literary, and fine arts.

Institute supports projects that address societal challenges, especially in rural communities, and offers certification courses through platforms like Coursera, NPTEL. This holistic approach ensures students are well-equipped for successful careers and societal contribution.

### Impact

- 77% of the students got placed on campus/took admission for higher studies in the reputed national and foreign universities.
- Students of this institution bagged 4 University Gold medals.
- The institution consistently ranks among the top five in academic results affiliated with JNTUK, Kakinada. This achievement is attributed to the collective efforts of students, supported by effective teaching-learning methodologies and regular monitoring in curricular and co-curricular activities.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The institute focus on imparting holistic learning experience to professional aspirants. The action plans are outlined for the effective implementation of the curriculum after the conduction of Board of Studies considering the feedback of all stakeholders for every program of UG & PG. A well-constructed departmental academic calendar and timetable for each semester is prepared by incorporating induction program, value-added courses, seminars, guest lectures, workshops, industrial visits along with internal and external examination schedules. The teachers prepare course files to the courses assigned with lesson plan incorporation different teaching methods like chalk & talk method, ICT tools, experiential learning, project methods, question bank and CO-PO mapping. Twice in a semester CRC meetings are conducted to review the course syllabus coverage and student understanding levels. Based on the feedback, the respective HoD implements corrective actions to improve the quality of teaching-learning. Academic audit is conducted by IQAC every semester to identify any non-conformance in the effective delivery of curriculum.

The NCC and NSS units of the college contributes in organizing seminars on emotional balance to benefit the students and society. The departments have mechanisms to monitor the students' progress through counselling system where each teacher is allotted with a certain number of students. Besides, the departments take various initiatives and organize different programmes for the slow and advanced learners. Students carry out a field work together to get exposure to the aspects beyond curriculum.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of

## Continuous Internal Evaluation (CIE)

The IQAC prepares academic calendar of the institution prior to the commencement of academic year incorporating the commencement of class work, internal and external examinations, workshops, seminars, guest lectures etc. The performance of students in both theory and laboratory courses is measured by Continuous Internal Evaluation (CIE). The internal evaluation is done by conducting Assignment and Subjective type tests for every theory course as per the academic calendar. The course instructors prepare question papers based on the revised Bloom's Taxonomy level. The answer scripts are evaluated by the respective faculty as per the scheme of evaluation and the corrected answer scripts will be shown to the students for verification.

For laboratory courses, the experiments are conducted as per the schedule of experiments and are evaluated on the day of conduction of experiment. An internal examination is conducted for the same laboratory course at the end of semester. The internal evaluation of Project Work is done by conducting seminars to every batch of students and inputs are given by the Project Review Committee for continuous improvement and encourage to publish their works in conferences/journals.

File Description	Documents
Upload relevant supporting documents	No File Uploaded
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**



File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

437

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

52

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

5611

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

5424

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institution places great importance in including courses that are diverse and cater to the cross cutting issues relevant to sustainable environment, human values and professional ethics for addressing the economic, social and environmental challenges. The curriculum includes Professional Ethics, Environmental Studies, Human Values, Indian Constitution and Traditional Indian Knowledge.

#### Gender Equity

Institute inculcates social values relevant to gender by organizing International Womens' Day, Save Girl Child campaign through poster exhibitions/wall paper presentations in the adopted villages by NSS units and Women Empowerment Committee to impart women empowerment.

#### Environment and Sustainability

The curriculum includes the courses like Environmental Science, Disaster Management, Environmental Management etc. to make the students learn about sewage water collection, its treatment and disposal methods. The food waste generated in various locations of the institute is converted to bio-gas. NSS promotes every year environmental protection through tree plantation by undertaking a host of activities in the nearby villages.

#### Human Values and Professional Ethics:

A course on "Universal Human Values: Understanding Harmony and Ethical Human Conduct" is introduced to the students to ensure holistic development and value based education. The institute offers a course on "Cyber Security" to create awareness on

**information security and impart values and ethics among the students.**

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	No File Uploaded

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

**129**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

**757**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

**1125**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

## 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

795

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute promises the progressive mechanism for identifying slow learners and improving their performance. The learning abilities of the students are evaluated through Mid-examinations, Assignment tests, Classroom interactions and Mentoring. Based on the performance of these activities, the students are categorized into advanced and slow learners.

### Special Programs for slow learners:

- Remedial classes for slow learners and special attention by peer monitoring with support of advanced learners.
- Continuous counselling of students to understand their challenges and overcome any psychological unbalances or family issues.
- Backlog classes for supplementary examinations.
- Intimating their performance of internal and external examinations to the parents through letters/phone calls and recording feedback in counselling books.

### Special programs for advanced learners

- Encouraging the students to do NPTEL and MOOC courses to

learn advanced skills.

- Training the students for various certification courses offered by Industry to bridge the gap between academy and Industry.
- Issuing cash prizes to the academic toppers and winners of different coding competition.
- Encouraging them for higher studies by conducting various awareness programs to take up GATE, GRE, IELTS
- Encouraging final year students to publish papers in various international journals and conferences.
- Special training to place them in product based companies.

File Description	Documents
Link for additional Information	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C2/2.2/2.2.1/2.2.1_Summary_Sheet.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C2/2.2/2.2.1/2.2.1_Summary_Sheet.pdf</a>
Upload any additional information	No File Uploaded

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3413	276

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

In this Institution, the whole teaching and learning process is made student centric by adapting mechanisms the form of various pedagogical tools.

#### Experiential learning:

Various online courses are provided to the students through Coursera, SWAYAM, Udemy and NPTEL to acquire knowledge of recent developments in the related areas. The teachers can also frame their teaching methodologies in collaboration to these online courses to trigger their interest and guide them to

their right paths. The faculty members make learning sessions interactive with students by involving them in technical quizzes, group discussions and JAM.

**Participative learning:**

- Students are benefited by introducing semester long internships.
- Project work stimulates the student’s interest in the subject and provides an opportunity for freedom of thought and free exchange of different views.
- Students are benefited by participating in different Ideathons and Hackathons to serve the present industry needs.
- Seminars are organized wherein the papers are presented by students on contemporary topics to enrich their learning experience.

**Problem-solving methodologies:**

- Case study method is adopted in teaching learning process to gain logical thinking, practical knowledge and problem solving ability.
- The students are exposed to aptitude, abstract and critical reasoning and are encouraged to participate in the global coding competitions like TCS CODEVITA and Wipro talent next to enhance their problem solving skills.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Our institute infuses ICT tools in pedagogy to improve learning, engage learners, promote collaboration, foster enquiry, and exploration and create a student centric learning culture. These methodologies include

- Traditional chalk & talk method
- Power Point presentations using LCD projectors.

- Providing the real-time experience to the students by performing experiments in virtual laboratories such as V-labs.
- Sharing E-content and video lectures developed by the faculty
- Collaborative learning methods (like English communication lab)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

221

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	No File Uploaded

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

276



File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

66

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

#### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

##### 2.4.3.1 - Total experience of full-time teachers

276

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

#### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Institute practices transparent evaluation process to ensure transparency in internal assessment and is communicated to the students well in time. The Head of the institution holds meetings with the faculty members and directs them to ensure effective implementation of the evaluation process. The performance of students in Assignment tests, Mid examinations, Day to day experiments, Laboratory internal tests, Seminars, Project work and Field Visit/Field Work is continuously evaluated and revealed to them time to time for improvement. The internal examinations are conducted regularly as per the scheduled academic calendar. The results of all Assignments, Mid tests and Laboratory examinations are displayed on Notice boards and communicated to the students and their parents within four days from the date of examination.

For transparent and robust internal assessment, the following mechanisms are implemented.

- Question Paper Setting with blooms taxonomy.
- Conducting Examinations as per the Timetables and seating plan
  - Evaluating answer scripts as the scheme of evaluation
- Showing the valued answer scripts to the students and taking their signatures
- Display of results within timeline.

Due to internal assessment, the interest of the student towards learning and attending the classes has been increased.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The performance of the students in theory course is evaluated against 30 for internal and 70 for external. For theory subjects, there shall be two mid-term examinations. Each midterm examination consists of (i) one descriptive examination

(25 marks) and (iii) one assignment (5 marks). The faculty evaluate answer scripts according to scheme of evaluation. The students verify their marks and affix signatures on answer scripts.

#### Laboratory courses:

The laboratory course is evaluated against 30 for internal and 70 for external. The distribution of internal marks shall be 10 marks for Day-to-day work; 5 marks for Record and 15 marks for internal laboratory test.

#### Grievance Redressal System for Internal Assessment:

If the students find discrepancies in the internal assessment of both theory and laboratory courses, they bring it to the notice of concerned faculty to rectify. If the discrepancy is not resolved at faculty level, students approach the respective HoD. Then, HoD constitutes a committee to resolve the issue in 3 working days.

#### Impact:

Due to transparency in the continuous internal assessment, grievances are considerably less.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The institution has adopted outcome-based education for all and programs. The Program Outcomes (POs) are broad statements that describe the professional accomplishments. The POs relate to the skills, knowledge and behavioural traits which the students shall acquire during their graduation. The Program Specific Outcomes (PSOs) are the specific requirements of the respective program to be met and fulfilled by the students. The PSOs are framed after several brainstorming sessions among faculty members. The defined Course Outcomes (COs) are discussed and

approved by Board of Studies.

The following mechanism is implemented by the institution to communicate the learning outcomes to the teachers and students. The Graduate attributes are described to the first-year students during the induction programme. The Learning Outcomes of the Programs and Courses are observed and measured periodically.

1. Hard Copy of syllabi and Learning Outcomes are made available in the departments for ready reference to the teachers and students
2. The importance of the learning outcomes is communicated to the teachers by IQAC.
3. Workshops for staff and students are conducted for developing the Programme Educational Objectives and Learning outcomes at college level.
4. After attainment of consensus, the same are widely propagated and publicized through various means such as display and/or communication specified hereunder.
  - College Website, Classrooms, Department Notice Boards, Laboratories
  - Meetings/ Interactions with employers, Workshops, FDPs, Faculty meetings
  - Alumni meetings, Professional Body meetings, Library

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	No File Uploaded

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The POs and COs are evaluated through direct (80%) and indirect (20%) assessments. The direct assessment of POs is carried out by the following tools.

1. Internal Assessment tools include
  1. Assignment Tests

2. Mid-term Examinations
3. Continuous Laboratory Assessment
4. Internal Laboratory Examination
5. Seminars
6. Project Work Internal Assessment

1. External Assessment tools include

- h) Semester End Theory Examinations
- i) Semester End Laboratory Examinations
- j) Semester End Project Viva-Voce
- k) Internships

The indirect assessment of POs is used to measure certain implicit qualities of student learning by collecting feedback from all the stake holders. The course correlation matrix shows the learning relationship between COs and POs which indicates whether the students achieve the course outcomes. Overall attainment level for the batch is compared with targeted level suggested by Department Advisory Committee (DAC). If the targeted attainment level is reached, then the POs and PSOs are considered as achieved.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

1567

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

## 2.7 - Student Satisfaction Survey

### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[https://www.vignanlara.org/NAAC/AOAR202324/C2/2.7/2.7.1/2.7.1\\_Student\\_Satisfaction\\_Survey.pdf](https://www.vignanlara.org/NAAC/AOAR202324/C2/2.7/2.7.1/2.7.1_Student_Satisfaction_Survey.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

#### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

26

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

#### 3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

##### 3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

16

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

#### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

##### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

65

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.2.2 - Number of books and chapters in edited volumes/books published and papers

**published in national/ international conference proceedings per teacher during the year****3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

42

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute is deeply committed to a broad spectrum of extension and outreach activities aimed at benefiting the students and the society. The Institute conducts several extension activities through NSS, NCC and other Clubs. They contribute to community welfare through various initiatives like Swachh Bharat campaigns, Blood donation camp, Trees plantation in college premises and at adopted villages (Vadlamudi, Vejendla, and Selapadu etc).

Interested college students will enrol with NSS Coordinator, and the volunteers participate in various societal activities awareness programs like AIDS, Voter ID registration, awareness rallies in surrounding villages on health, hygiene, and Literacy. The unit received five awards like Life Saver, ISKON, Harvest of India for conducting blood donation camps, Swachh Bhart and plantation.

NCC unit is associated with 10 Andhra Girls Battalion, Syamala Nagar, Guntur. 30 girl cadets received B certificates, 5 cadets got A grade and 18 girl cadets received C certificates. Today's youth are the future of our country. So, to develop patriotism in our students, institute grandly celebrates Independence Day, Republic Day, Yoga Day, Awareness on 'Say No to Drugs and Plastic' and Meri Matti Mera Desh in cooperation with all the NCC cadets. Signifying their commitment to social service, the students regularly visit orphanages providing lunch and donating groceries. This holistic approach enhances students' attitude and skills, nurtures empathy and develops a sense of



**responsibility towards all living beings.**

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year****3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year**

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year****3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

26

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the**

year

**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

2618

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.4 - Collaboration****3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year**

63

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year****3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year**

23

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The institution is situated on an eco-friendly green campus of 10.56 acres with good infrastructural facilities spread over two blocks with the built-up area of 32,993 sq. m.

- 48 ICT enabled classrooms with Wi-Fi, LAN, LCD Projector.
- 12 tutorial rooms.
- 53 laboratories and 5 research labs.
- Lift facility for all blocks.
- 6 AC seminar halls to conduct curricular, co-curricular, and extra-curricular activities.
- Computers with MAT and ANSYS software for solving analytical problems.
- Ramp facility, Lift facility and Separate washrooms for Divyangjan
- Open-air theatre of 1500 sq. m
- Cafeteria with capacity of 500 members.
- Parking facility for staff and students.
- 250 kVA generator along with UPS of 140 kVA.
- Solar systems with 200 kW capacity to save around Rs. 1.3 lakhs/month.
- Every month, about 1500 kVAh solar power is supplied to APCPDCL.
- 60 Fire-extinguishers in the laboratories and prominent places.
- Separate hostels for 500 boys and 400 girls.
- A reverse osmosis plant of 1000 liters/hour for drinking water.
- Rainwater recharging system with a volume of 2428 cubic meters.

- Biogas plant to produce 70 kg/day from 1000 kg/day of food waste.
- Sewage water treatment plant with a capacity of 600 kilo liters/day.
- On-campus "Health Centre" with a doctor, nurse and an ambulance round the clock.
- 25 college buses for staff and students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

**Cultural activities:**

The institution also encourages cultural activities for all-around development of the students. About 230 competitions were conducted on singing, dance, rangoli, skits, painting, and mime in the academic year 2023-24 at the Open-air theatre.

**Sports, Games, Gymnasium, and Yoga center:**

**Indoor game facilities:**

- 10 Carrom boards
- 10 Chess boards
- 4 Table tennis boards

**Outdoor game facilities:**

- 4 Volleyball courts
- 2 Basketball courts
- 1 Football court
- 2 Badminton courts
- 2 Kabaddi courts
- 2 Throw ball courts
- 2 Tennikoit courts
- 1 Cricket playground
- Separate gym is available for boys and girls.
- Yoga centre facility to the students and staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

54

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

581.97

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

## 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

A fully automated air-conditioned "Central library" is accommodated in a 700 sq. m area. It has 5961 book titles, 25143 volumes, 8928 e-books, 102 print and 6068 online journals in reference and issue sections, and 20 computers in a digital library. Apart from the regular books, SC and ST book banks have 3551 book volumes and 312 titles.

Integrated Library Management System (ILMS): The institution's library has good ILMS, i.e., EZLIB, which was introduced in 2007. Its main features are as follows.

- **Backup and recovery:** A simple click on 'Take Backup' will back up the data from the beginning and generate an MYSQL file, which is used to retrieve the data.
- **OPAC:** It has basic search and advanced search for BBSC (Book Bank SC) /BBST (Book Bank ST)/Bound Volumes/CDs/Comp Gift/Gift Books/Magazines/Material/Project Reports/Question Papers/VLITS.
- **Help:** The help tab provides information on various software features, viz., configuring Ezlib, system administration, cataloguing, account holder maintenance, circulations, utilities, OPAC, report generation, acquisitions, gatekeeper, and digital library.
- **Students and staff** can update their profiles and search books and journals by logging into their Ezlib account with their credentials after connecting to the campus LAN using the link <http://ezlib>.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

##### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

13.01

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

884

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

#### 4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

##### Policy of ITIDC:

- IT Infrastructure Development Committee (ITDC) is designed to provide IT infrastructure to the students and faculty with full assistance.

- The Committee receives requirements of computers, software, internet, repairs, maintenance, upgradation and disposal of the existing computer systems.
- The committee conducts a meeting and discusses the feasibility and provides their recommendations to the Head of the Institution (HoI).
- HoI finalizes the proposal after discussing with the purchase committee

Budget spent on IT Facilities: Rs. 47.13Lakhs in the year 2023-24.

**IT Facilities:**

- 865 computers in various laboratories.
- Student-computer ratio is 3.95:1
  
- 1 Gbps of network bandwidth
- Fiber-optic backbone by Matrix E Services and BSNL.
- MIKROTIK router
  
- Wired/wireless internet facility.
- 32 Wi-Fi access points.
  
- 520 computers with Intel Core i5 processors.
- Windows 10 and 11 operating systems.
  
- 1 Rack and 2 Blade Servers each with 6 TB storage capacity.

**Software:**

Microsoft Dream Spark, Creo 2.0, MATLAB R2013b, Xilinx 2016 Edition, Visual Studio Ultimate, Mentor Graphics HEP1, STAAD Pro, ANSYS 14.0 IBM Rational Rose, AutoCAD, ArcGIS.

**Free software:**

Linux, Java, Python, C, C++ (Turbo), Xampp, My SQL, Star UML, SQL Server, Putty, Apache Tomcat, Net Beam, Eclipse, Kaspersky to detect and remove viruses.

Backup of 15 TB capacity, UPS of 10/20 kVA for all Labs, 140 kVA UPS for institution, 250 kVA power generator.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**

865

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure****4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

274.29

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has an established system to monitor the utilization and maintenance of classrooms, equipment, computers, laboratories, library, and sports. An engineering and hardware section will take care all the physical and academic facilities. After receiving the complaint, the respective team members will resolve them, and they report to the Chairman, Infrastructure Development Committee.

- A well-established feedback mechanism from students to collect related issues of the infrastructure of classrooms and laboratories.
- A clearly defined procedure is in place for the maintenance of the library and its resources.
- The Convener, ITIDC along with the hardware team, oversees the upkeep of the ICT facilities across the entire campus.
- Lab In-Charges supported by Lab Technicians, are responsible for the maintenance of equipment and instruments, while heavy repairs are outsourced as needed.
- An Annual Maintenance Contract (AMC) is implemented to ensure the upkeep of high-end equipment, servers, lifts, and air conditioning units.
- Research Labs equipped with sophisticated instruments are maintained by a faculty member in charge, who reports directly to the respective Head of Department.
- Additionally, the sports equipment, fitness facilities, and various playgrounds on campus are supervised and maintained by the Director, Physical Education Department.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

#### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2256

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

#### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to institutional website	<a href="https://www.vignanlara.org/facilities/cbs_ei.php">https://www.vignanlara.org/facilities/cbs_ei.php</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

3024

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

3024

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

618

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

38

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

**government examinations) during the year**

107

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities****5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

13

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The institution has an active Student Activity Council (SAC), provides students with a dedicated representation council, which promotes cooperation and harmony among the students. There are 6 clubs under SAC, including literary, cultural, fine arts, multimedia, technical, and sports clubs. All of these clubs consistently plan different events to bring out the inherent talent of the students. The SAC committee members continuously record and spread activities/events that are happened in the college and spread over the social media. The students are involved in various Institute level committees as

Grievance Redressal Committee, Anti Ragging Committee, Internal Complaints Committee and SC/ST/OBC Committee for the betterment of the administrative activities.

The Technical club continuously conducts the Ideathons, Hackathons, Codethons to uplift the coding skills and technical skills to meet the standards of the MNC companies.

The feedback of SAC and Institutional committees is used for the overall development of the student success in academics, curricular and extra-curricular activities.

Outcome:

1. The team spirit, leadership qualities, managerial skills and confidence levels of the students is enhanced.
2. Coding Culture give the better outcomes in different coding competitions and further helps in cracking high paid jobs in MNCs.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

25

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The institution has a registered Alumni Association named "Vignan's Lara Alumni Association" with society registration number 322(2021). The Association is led by Mr. M.V. Sudarsan, President of Alumni Association. The college has a well-connected alumni network and it continuously works for the academic and institutional development. The Alumni Association maintains a database which includes information of students pursuing higher education and passed out students. The alumni meet, guest lectures and institute interfacing programs are conducted regularly at college campus to understand the requirements of corporate companies. Nearly 90 alumni students have visited so far to share their experiences and they addressed the students on latest trends like Generative AI, ML, Data Science, DevOps etc.

Alumni guide the students towards internships, mini projects and online certificate courses for active participation in the national and international level coding competitions and also encourage the students towards the competitive exams like GATE, GRE, IELTS, CAT etc. Some alumni who have undergone higher studies will guide the students regarding the prospects of higher studies like M.Tech, M.S, MBA etc. The alumni suggest the students to participate actively in various Co and Extra-Curricular activities. They also provide financial support to the college.

Outcomes:

1. The number of students undergoing internships is increased.
2. The high package placements and higher studies increased.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs



File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution	
<p>Carving the students into renowned professionals with psychological strength, emotional balance, social awareness and ethical values is the Vision and Mission of our institution. Good governance is the commitment that the Management of Vignan's Lara Institute of Technology &amp; Science has taken in order to sculpture the students' lives and staff welfare.</p> <p>To meet the changing demands and challenges of the industry, integrated curriculum imbued through autonomy. Community service projects, Global certifications, Training for product based company hiring, Value added and open access courses implemented to tune student energies in line with the institutions vision.</p> <p>Experienced Faculty from other reputed higher educational institutions with an acute bent for research have been recruited such that, they can cultivate the research habit in the students and to get involved in deriving solutions to different industry and societal problems.</p> <p>Awards and Incentives were given to students and staff for their exemplary outcomes in creating solutions for day to day problems. Physical wellbeing of all incumbents of the system became vital, Outdoor Sports &amp; Indoor games were part of the curriculum and almost every student spends good time in them.</p> <p>Impact: 70-75% Placements, 10% joined higher education &amp; 3.75 LPA average pay package attained.</p>	
File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Leadership effectiveness is exhibited in all the day-to-day activities of institution at an exemplary level. Over 1½ decades of distinct services to the society & outcomes, created a strong public affiliation and the most preferred institution image in this region.

Decentralized authority, structured hierarchy derived success in academics as well in crafting students careers.

The Governing Body gave broad outline of ideas to realize the Vision and Mission of the institution adhering to the timelines.

The participative management and Decentralized authority executed the plans following a systematic approach.

The 21 core committees converged progressive ideas to the core in a transparent manner. Regular feedback mechanism involving all the stakeholders paved ways in for effective management.

Confirming to the results, Staff and students acknowledged the responsiveness of true leadership.

**Impact:**

- 90% Admission completed
- Increased pass percentage and more than 90% faculty achieved good feedback
- No. of quality placements improved.
- H-index of the institution increased to 23.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The effective functioning of an educational institution surely depends on its strategic plan. Governing Body, Principal, Deans

& HoDs of Vignan's Lara articulated and executed the strategic plan to realize institute's Vision and Mission.

Strategic plan Initiatives undertaken:

**Academic Planning:** Value added courses in the curriculum, Revision-Practice-Test programmes, certifications, career oriented training, higher education guidance, Cambridge university certifications (PET & BEC) for communication and soft skills implemented.

**Research and Development:** Encouraged all faculty to involve in industrycollaborated research, Inculcated the habit of research among out going students, financial support given for publications and patents with great focus on improving the quality of publications and institutional h-index

**Faculty:** Recruited good no. of faculty with Ph.D, non-doctoral faculty guided to enrol for Ph.D, developing a culture of continuous learning among faculty and to involve in research, organized various FDPs, Seminars and Workshops to improve teachingquality

**Infrastructure:** MoUs with reputed organizations across industry, proposed CoEs Establishment, faculty involved in process-oriented Research, developed 48 smart class rooms and Digital Library, Automation software's like eCap, eZLib, EMS were implemented to digitize institution's all academic and administrative activities, and also to convert college into a green campus.

**Work Culture:** Knowledge sharing is the new age care for all students' enlightenment. Experienced faculty working day in and day out with great empathy towards the student success and parents' aspirations at Vignan's Lara. Improved academic performance and collective growth achieved.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

All the transactions and activities executed by the institution are transparent. The college adheres to the principles and policies framed by its Governing Body.

Governing Body consists of external (Industry, Commerce, Affiliate bodies and Academia), internal members (experienced academicians with rich research knowledge) provided guidelines to improve effectiveness in all core activities of the institution.

Internal Quality Assurance Cell (IQAC) reviews the teaching learning process regularly and makes necessary recommendations for the improvement of outcomes in operations and learning prospects.

The decentralization resulted in effective monitoring and implementation and delegated 21 committees/cells working for the smooth functioning and progression of the organization. The office bearers of these committees collectively discuss and implement all service rules and other policies, effectively.

Impact:

- Intake quality and admitted students number increased
- Students pass percentage improved
- Quality of Placements and Average pay package in core branches also increased
- Publications Number and quality raised

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

**Welfare measures for all teaching and non-teaching staff:**

- 50% concession in the tuition fee for wards of staff across Vignan Group of Institutions
- Study, Earned, Medical and Maternity leaves
- Subsidized transport facility.
- Accidental/Health insurance for all staff and students
- Employee provident fund and ESI facility for all eligible staff
- In house Primary health-centre and free health camps
- Academic Performance, Research and Publication Incentives
- Daily Tea, Snacks/Refreshments and Sweets during festivals for all staff
- Financial support for workshops, STTPs. Conferences, Professional membership and Sponsored projects.

**Impact:**

1. 211 faculty members availed financial support to attend workshops, conferences, and for professional body memberships
2. 234 Teaching and Non teaching staff utilized Free/Subsidized transport
3. 66 Ph.D holders from IITs, NITs, IIITs, other reputed Govt. & Deemed Universities joined to serve the students
4. 8 faculty members completed Ph.D in respective domain over 4 years
5. 23 faculty have registered for Ph.D and seriously involved in Research
6. Institutional h-index rose to 23 from 13.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

211

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

1218

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

210

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

There is a conductive environment prevailing in the institution that paves way for the continuous growth and development of faculty members in teaching-learning, administration and

research arena. The staff members are assessed based on their performance through our appraisal system

**For Teaching Staff:** Any faculty with minimum one complete year of service in the institute will be assessed for a total of 100 marks: 20M for academic performance, 20M for feedback analysis, 35M for research & Publications & 25M for administrative and other supporting works.

**Process:** Staff Selection Committee reviews all the self-appraisal forms submitted, categorizes the faculties into A, B, C categories, recommends substantial prospects to the Head of the institution. Principal in coordination with the approval of Governing Body provides incentives, increments, promotions and appropriate corrective actions.

**For Non-teaching Staff:** A committee headed by Dean, HoDs, and AO evaluates staff performance by collecting confidential reports from respective department Heads annually.

**Process:** Based on different parameters like work attitude, skill, discipline and dedication, etc. non-teaching staff will be assessed and scaled as O-Outstanding, A-Very Good, B-Good, C-Average, D-Not satisfactory.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Efficient planning of available financial resources help the institution in achieving the desired goals and necessary strategic growth of the institution. The required funds are accumulated from Government, Authorized organizations and Students in the form of Tuition Fee, Consultancy revenue, Sponsorships, Alumni and Research grants.

Optimal resource utilization Strategies are as follows:



- Procurement/Purchases through competitive quotes.
- Publicity expenditure minimized through brand building and public relations
- Green campus initiatives helped in optimizing the Electricity/Energy sources

**Internal Audit:**

Budget implementation, Deployment of allocated resources is under the strict supervision of an ICAI certified internal audit firm. Head of the Institution in coordination with the Finance officer implements remedial measures.

**Audit aberrations resolution Process:**

- Minor corrections in book-keeping by the finance department.
- Remarks of auditors on smaller issues are settled by the finance officer.
- Internal audit differences are resolved in 10 to 15 days.
- Long pending payments are approved by the Principal on the merit base.

**External Audit:**

Once in every year, external audit is conducted by an ICAI certified audit firm. Income and Expenditure Statement, Balance Sheet and its schedules are verified by them. Institute's website contains such reports and the same will be submitted to various regulatory bodies periodically.

**Impact:**

- Optimum utilization of resources, and substantial growth achieved.
- All Financial transactions performed through banks and facilitated transparency.
- No history of objections by Income Tax Department.
- For 2023-24, No pending issues.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

32.387

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

**Resources Mobilization Policy:** The required funds are mobilized through different sources. However, the tuition fee is the main source of income. Available resources mobilization options are Tuition fee, Projects grants like DST, TAER and AICTE approved Seminars.

Institution follows a systematic procedure towards allocation of budgets to the specific needs with thorough planning. Every Department will submit estimates under various heads of expenses in the form of budget proposals before the commencement of financial year. In coordination with the finance officer, HoI gets the approval from Governing Body and management for a consolidated budget with a good scope for meeting differed changes due to market scenario and subsequently things proceed.

#### Expenditure Classification:

The components of expenditure include:

- 40% - salaries
- 30.7% - infrastructure augmentation
- 18.2% -maintenance
- 8% - R&D
- 3% - student scholarships

#### Optimal Resource Mobilization Strategies:

- eCap office automation software implemented across the campus for all the financial transactions which leads to transparency and ease of doing.
- Group Accidental Policy coverage for all staff and students
- Regular maintenance of all machinery lead to minimized overhauling/spares replacement expenses
- Purchases through competitive quotes resulted in minimized acquisition cost

Focused public relations strategy resulted in good brand image

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

**Parents Felicitation:** Parents Felicitation has been practiced since 2009, and streamlined from 2016 as a result of the IQAC initiative in collaboration with the Training and Placement Cell. The unique feature of the institution is transforming social, rural, and economically backward student into a good knowledgeable and highly skilled professional. IQAC conducts SWOT analysis for each student by giving more attention through effective mentoring system. Oral and written communication skills, problem solving ability, creative and lateral thinking behaviour, intra and interpersonal skills, hobbies etc. are identified for each student and improved by conducting various academic and personality development programs. IQAC conducts academic and administrative audit for each program and suggests improvement. It identifies the gaps and helps in conducting co-curricular activities by which students get placed in MNCs. The

parents of these students are felicitated at the end of every Academic year.

**Use of ICT facilities in Teaching Learning Process:** The use of ICT tools has become an integral part in teaching-learning process and mentioned in lesson plan as per the guidance of IQAC. All 48 class rooms are ICT-enabled. Each department has at least one smart board. The Institution has provided internet connectivity with a band width of 1Gbps throughout the campus and connected through broadband/Wi-Fi. IQAC utilizes all 6 ICT-enabled seminar halls to conduct Seminars, Workshops, MOOCS courses, FDPs, FOPs etc. to improve effective teaching and learning process.

File Description	Documents
Paste link for additional information	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C4/4.1/4.1.1/4.1.1_Summary_Sheet.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C4/4.1/4.1.1/4.1.1_Summary_Sheet.pdf</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

#### Implementation of Pedagogical Methods in Teaching Learning

For implementing teaching and learning process, 48 ICT-enabled classrooms, 12 tutorial rooms, 53 well established laboratories, 5 research labs and 6 ICT-enabled seminar halls are available. IQAC team reviews, observes the gaps and take steps to improve the teaching learning process continuously by conducting academic audit. The institutional academic calendar by IQAC and in line with, department academic calendar is prepared. The lesson plan is prepared, audited and distributed on the first day of the semester. The student-centric methods like Experiential Learning, Blended learning, Flipped classroom, Problem-solving Methods and Collaborative learning are practiced for improving the learning experience.

**Strategies for Effective Execution of Internship, Online Certification Programs and Encouraging Bright/Weak Students**

**Internships:** As per the curriculum, around 2200 students of second and third year underwent internships on the latest technology which developed critical thinking, problem-solving, and teamwork. It helps to gain knowledge and apply them to real-world problems.

**Online Certifications:** Twenty faculties and 868 completed the NPTEL certifications in cutting-edge technologies.

**Encouraging Bright Students:** Providing challenging tasks, additional reading materials, and mentorship opportunities to bright students can help them reach their full potential to excel in their academic and professional careers. Ten students cleared GATE examination.

**Supporting Weak Students:**

After first midterm examination, the students having less than 50% of marks are provided with remedial classes to improve in academics.

File Description	Documents
Paste link for additional information	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C2/2.3/2.3.2/2.3.2_Student_Centric_Methods.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C2/2.3/2.3.2/2.3.2_Student_Centric_Methods.pdf</a>
Upload any additional information	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://vignanlara.org/aboutus/ar/2024.pdf">https://vignanlara.org/aboutus/ar/2024.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

At this institution, gender equity is given a top priority and reflected in all aspects of campus life. The courses addressing gender equity issues are incorporated into the curriculum, while various activities are organized to raise awareness and foster inclusivity. Experts are invited to deliver talks that empower female students and faculty emphasizing personal and professional growth. To support these efforts, the institute has implemented initiatives such as special placement drives exclusively for girl students, awareness programs on topics like "Education for Women", "Women and Girls in Science" and "Empowering Women" as well as "Health Check-ups" and "Medical Camps" dedicated to the well-being of girl students. The campus environment ensures safety and comfort through comprehensive CCTV surveillance, the presence of women security personnel, who support and train students. Mentorship and counselling services help students to address personal and academic challenges, particularly during their transition from adolescence. Common rooms are provided to take rest. The college has an Anti-Ragging Cell that effectively addresses to make the campus ragging free. These initiatives have created a respectful and inclusive atmosphere on campus, leading to an increase in the percentage of female students and faculty, and reinforcing the college commitment to gender equity.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.1/7.1.1_Summary_Sheet.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.1/7.1.1_Summary_Sheet.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**The Institute emphasizes on environmental sustainability through sustainable practices like minimizing waste generation, recycling and resource optimization. The students and staff are regularly given awareness through seminars, posters and National Service Scheme camps. Waste collection is systematically carried out across the campus. Some waste management systems are: Solid, Liquid, Biomedical, E-waste, radioactive and Hazardous chemicals.**

**Solid waste: The institute generates approximately 200 kg of wet waste and 150 kg of dry waste daily. To facilitate waste segregation, three color-coded bins are utilized at multiple levels:**

**Green bins: Biodegradable waste, Blue bins: Recyclable materials, Red bins: Biomedical waste.**

**Liquid waste:** It is generated through septic tank effluents from various sanitary blocks and wastewater from the canteen. The waste water from RO plant and laboratories is recycled and used for gardening and watering trees.

**Biomedical waste:** It is collected from on-campus hostels which include materials like used gloves, masks, syringes, bandages, and other medical items. The waste is separated at its source and placed in secure containers to avoid health risks.

**E-waste:** It is categorized into two distinct types for efficient management and disposal.

- Electronic devices like computers, printers, monitors, keyboards, mouse etc.
- Electrical components like fused tube lights, fans, switch boards, etc.,

These materials are securely stored and disposed through authorized services, ensuring safe transport to certified disposal facilities.

**Impact:**

The use of recyclables led to minimize the land fill.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.3_Geotag_photos.pdf">https://www.vignanlara.org/NAAC/AQAR202324/C7/7.1/7.1.3_Geotag_photos.pdf</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

**A. Any 4 or all of the above**



File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.1.5 - Green campus initiatives include

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
--	--

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college is committed to fostering a community of youth with noble attitudes and moral responsibility. It promotes ethical, cultural, and spiritual values through various initiatives aimed at enhancing emotional and religious sentiments. Commemorative days are observed on campus, encouraging unity, social harmony, and recreational enjoyment. Vignan's Lara Institute of Technology and Science uphold equality among all cultures and traditions, with students from diverse castes, religions, and regions studying without discrimination. The institution maintains an inclusive environment, free from intolerance towards cultural, linguistic, communal, socio-economic, and other forms of diversity. Active participation in cultural and regional festivals, such as Varalakshmi Vratam, Ramadan, Christmas, and Telugu Bhasha Dinotsavam, along with events like debates, elocution competitions, tree plantation

drives, and blood donation camps, reflect the college's commitment to social harmony. Motivational lectures by distinguished speakers promote holistic student development, emphasizing responsible citizenship and national values. The college also provides strong infrastructure for sports, supporting students' physical well-being. Through these efforts, the institution aims to cultivate an inclusive, harmonious environment that celebrates diversity while fostering a sense of unity and responsibility among students, staff, and faculty.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Vignan's Lara is always ahead in conducting various programs to sensitize the students and employees to constitutional obligation such as human values, rights, duties and responsibilities of citizens. The institution was organizing different activities for inculcating values for becoming responsible citizens. In the academic year 2023-24, in order to bring awareness on human values, rights, and duties, an essay writing competition was conducted in the month of August 2023, to give awareness among the students on different articles of the constitution. "Constitutional Day" was celebrated in the month of November 2023. "Human Rights Day" was conducted in the college on 9th Dec 2023 to sensitize the students on the rights and duties. To bring awareness on the importance of cleanliness "Swachh Bharath Abhiyan" program was conducted on 6th November 2023. A seminar was conducted on "Anti-ragging" for both boys and girls and different sections of law were explained to them. A guest lecture was arranged on "Gender Sensitivity" in the month of Jan 16th 2024, in order to foster awareness and understanding about the significance of gender equality and inclusivity. An "Elocution Competition on Civic Responsibilities" was organized in the month of February 19th, 2024 and students were motivated on their role and duties in contributing to a responsible and well-functioning society.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Vignan's Lara Institute of Technology & Science celebrates various National and international days, Events, and Festivals to encourage patriotism and unity among students and staff. The institution invites important personalities like Politicians, Retired defense personnel, and Judges to speak. The institution also celebrates events such as the Birth anniversaries of great Indian leaders and Social reformers to honour their contributions. Important events like International Women's Day, International Yoga Day, World water Day, Human Rights

Day, Mathematics Day and Youth Day are observed to raise awareness on important issues like climate change and science. Engineer's Day is celebrated on 15th September, with student projects that aim to solve real-world problems. The festivals like Sankranti, Dussehra, Ugadi, Sri Krishnastami, Christmas, and Ramzan are celebrated with active participation from students and staff. The use of plastic is banned to support environmental conservation. These activities help to promote harmony and unity among everyone at the institution.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Best Practice I

#### 1. Title of the practice

Faculty Empowerment and Motivational Strategies

#### 2. Objectives of the practice

To Enhance faculty skills in teaching, mentoring, assessment, foster values, and continuous learning for excellence

#### 3. The context

To equip faculty to excel in professional roles with effective teaching methodologies, communication skills, motivational strategies, student-centered learning and excellence in teaching

#### 4. The practice

Master academic responsibilities, ICT tools, Bloom-aligned

assessments, teaching aids, effective evaluation, and foster research culture for innovation.

5. Evidence of success

23 FDPs were conducted, attended by 210 faculties. 1/3rd of faculty achieved 100% results.

6. Problems encountered and Resources required.

Availability of qualified resource people for extended periods at rural locations.

Best Practice II

1. Title of the practice

Parents felicitation

2. Objectives of the practice

To honour parents, motivate students, emphasize family values, foster collaboration, inspire positivity, and promote a culture of celebration.

3. The context

Institute fosters holistic development by integrating familial support into education, promoting collaboration among students, faculty, and families.

4. The practice

The felicitation ceremonies include Personalized Recognition, Student Motivation, Community Engagement and Extended Impact.

5. Evidence of success

Students of our institution work diligently to excel in their careers, striving for success that brings pride and recognition.

6. Problems encountered and Resources required.

Hosting such a grand event required substantial funding and meticulous planning to ensure its success

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

#### Transforming the Rural, Social, and Economically Backward Students as Globally Competent Professionals

Institute aims to transform rural, socially backward, and economically disadvantaged students into globally competent professionals. Established to provide equal educational opportunities, Institute emphasizes academic excellence, ethical values, and emotional intelligence, preparing students for success in the global job market. With 65% of students from rural areas, 55% from socially backward communities, and 68% from economically weaker sections.

From the second year, students receive advanced programming training in C, data structures, and Python to excel in tech industries. Institute encourages participation in national-level technical events, fostering skill development and innovation. The Student Activity Council promotes leadership, teamwork through cultural, literary, and fine arts.

Institute supports projects that address societal challenges, especially in rural communities, and offers certification courses through platforms like Coursera, NPTEL. This holistic approach ensures students are well-equipped for successful careers and societal contribution.

#### Impact

- 77% of the students got placed on campus/took admission for higher studies in the reputed national and foreign universities.
- Students of this institution bagged 4 University Gold medals.
- The institution consistently ranks among the top five in academic results affiliated with JNTUK, Kakinada. This achievement is attributed to the collective efforts of

students, supported by effective teaching-learning methodologies and regular monitoring in curricular and co-curricular activities.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

1. To expand the infrastructure for additional courses.
2. To improve the average package of placements.
3. To establish research centers in all departments.
4. To encourage the faculty members to get funded workshops, FDP, conferences and projects.
5. To encourage faculty to complete their Ph.D.
6. To enhance h index of the institution in research.
7. To encourage the faculty to publish research articles in indexed publications
8. To acquire a better rating in IIC by strengthening its activities.
9. To enrich the curriculum by incorporating the courses as per the industrial needs.
10. To attain a good NIRF Ranking.