**Qualitative Metrics**

**Criterion 4 – Infrastructure& learning resources**

4.1.1 Teaching – Learning – classes, labs, computers, etc

The institute possesses a wholly self-contained campus comprising of requisite infrastructure, which acts as a facilitator for the effective delivery of our curriculum, thereby fulfilling AICTE norms completely. The institute provides saliently excellent infrastructure to students with a salutary vibe to students by offering the best of facilities. The institute is well planned and well-designed area of 5.12 acres with a built-up area of 20,747.13 **sq m.**

The aesthetically designed campus has ultramodern facilities with academic wings for each department, administrative wings, laboratories, workshop, computer center, spacious classrooms, well stocked library, conference hall, medical center, sports ground etc. The institute has classrooms with modern teaching aids thus providing detailed learning ambiance for students. The institute maintains high standards of technical education by providing the wide array of high-class equipment’s in total 33 laboratories of various departments which helps students to implement practical knowledge thus acting as an interface between students and industry.

The institution houses “Tesla Innovation center” Encourage students to implement new innovation and create new models by intellectual thoughts. The agenda is to make students to have conceptual learning rather than sitting in classrooms. The students can learn problem solving skills and

The institute patronizes a spirit of continues learning by rendering students facilities such as 13 tutorial rooms, Number of seminar halls (05 each of area 192 square meters for each department) and one open air auditorium of 350 square meters with good public addressing system. Well-equipped incubation center is created to nurture new and small ideas by helping them to survive and grow through the difficult and vulnerable early stages of development in engineering and technology. It is our constant attempt to maintain pace with development needed for enriching personal and professional skills of students. The institute has developed well-equipped computer center Lab (feeding itself from the 150 MBPS dedicated Lease line internet) connection, CAD/CAM lab and entrepreneurship development cell.

Library is enabled with Wi-Fi. All Departments have department library for ready Amenities and facilities such as lawn, ramp, and garden. CCTV surveillance is provided at all strategic locations. Generator back up, RO water purifier, Canteen with in campus. Housekeeping unit takes care of maintaining complete cleanliness in the institute. Infrastructural maintenance, electrical maintenance, and garden maintenance is done on a routine basis keeping in view. First-aid facilities and Fire extinguishers are available with each department on each floor as a precaution to avoid major haphazard. Proper checking, periodical inspection, suggestion box, feedback from students, alumni, and parents are under taken to ensure keeping up and maintaining the learning environment conducive within the campus.

Adequate hostel facilities are such as like Mess, Generator Backup, and Water Cooler with purifier, WI fi, Solar System, Gymnasium, Visiting Doctor, and Biogas.

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| **S. No** | **Description** | **No.** | **Total Area**  **(sq. m)** | **Average Carpet area of Each**  **Room(sq. m)** |
| 1 | Classrooms | 29 | 2059 | 71 |
| 2 | Tutorial Rooms | 13 | 455 | 35 |
| 3 | Drawing Halls | 03 | 414 | 138 |
| 4 | Seminar Halls | 05 | 960 | 192 |
| 5 | Library | 01 | 500\*2 | 500 |
| 6 | Laboratories | 33 | 2475 | 75 |
| 7 | Research laboratories | 02 | 300 | 150 |
| 8 | Workshops | 03 | 858 | 286 |
| 9 | Auditorium(Open Air) | 01 | 350 | 350 |
| 10 | Incubation Center | 01 | 66 | 66 |
| TOTAL | | | 8437 | 1863 |