



INSTITUTIONAL DISTINCTIVENESS

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

Raw materials are processed and converted into useful products by various methods. In the due course of time, several hurdles may occur. Nevertheless, the continuous process will always be productive.

The development of the nation is possible through the proper utilization of human resources with advanced technologies. In 21st century, with the growth of micro and nucleus family culture, it is essential to inculcate ethical and moral values from young age which is the prime duty of educational institutions. Learning opportunities shall be given to everyone, irrespective of their location, community, and financial status. With this motto, Vignan's Lara Institute of Technology & Science was established by a renowned Educationalist, Dr. Lavu Rathaiah, Doctor of Philosophy in Psychology to provide education with high standards along with social consciousness, ethical values, and good emotional quotient.

The students admitted in last five years at this college are categorized into students with rural background (68%), socially backward (58%) and economically weaker (70%). The distinctive feature of the institution is transforming rural, social, and economically backward student into a good knowledgeable and successful individual in academics and profession also. Various academic and personality development programs are designed and implemented in the institution to fulfill the necessary requirements of highly skilled professionals.

During the time of bridge course, more attention is focused to identify the strengths and weaknesses of each student by an effective counseling system. Oral and written communication skills, problem solving ability, creative and lateral thinking behavior, intra and interpersonal skills, hobbies etc., are identified. Students will go through the SWOT analysis by the concerned counselor and the necessary measures are suggested to overcome difficulties in their course of study. Many of the students are from rural areas with an agricultural background. Two third of these students belong to the first generation of their family who are pursuing technical education at graduate level. Usually, they have poor communication skills. Producing globally accepting professionals and improving their communication skills is a part of vision of the institution. Hence, to overcome the identified gaps, IQAC has implemented an initiative to train the students in this direction by promoting Cambridge University Certification courses named as PET and BEC examinations.

From the second year onwards, all the students are trained for enhancing basic programming skills in advanced C and Data Structures, Python programming training, in addition to regular course works. These additional skills are very much essential in the present scenario for job opportunities of IT industry, where students are offered with attractive annual packages irrespective of the branch of engineering.

The institution organized 15 coding competitions in association with *Hackerearth*. Every month, students are participating in Codechef long challenge event. 1030 students got star ratings. They are also practicing programming codes on Geeks for Geeks platform.

The Student Activity Council (SAC) was established to coordinate and organize various cultural, literary, and fine arts activities. It is headed by a faculty coordinator to plan and execute various activities in every academic year. The SAC activities will promote team spirit, leadership qualities and managerial skills.

Students are encouraged to participate in the National level technical quiz competitions, symposiums, paper and poster presentation, model and prototype development exhibitions and other related activities. The Institution itself hosts every year a technical expo as a national level event named as SRUJANANKURA. Students from all branches exhibit their talents in the preparation of project models and live projects in huge numbers. Institution gives financial support for good projects. Students actively involves in this event as participants, coordinators, and event promoters. These events not only explore the technical knowledge of the students, but also provide a platform to work with participants from different regions. Project works carried out from conventional branches like Mechanical, Civil and Electrical engineering provide solutions to the societal issues of neighboring villages of the college.

In addition to the regular academics and training programs, the institution also encourages certification courses offered by coursera, SWAYAM-NPTEL etc. The students who receive NPTEL certifications in GOLD and SILVER levels are given cash prizes by the management. In honor and respect to the parents, every year the parents of placed students are felicitated. On the other hand, it also brings motivation in other students to work hard and get success in their career.

Impact:

- Overall percentage of progression of students has increased.
- 80% of the students got placed on campus/took admission for higher studies in the reputed national and foreign universities.
- Students of this institution bagged 5 University Gold medals.
- The institution also stands in first five positions in academic results among 195 affiliated colleges of JNTUK, Kakinada due to collective effort of students because of adopting good teaching learning practices and continuous monitoring of academic and individual progression in curricular and co-curricular activities.

University Gold Medal Winners

