



7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

GKCE the neighbour of SDSC-SHAR, Sriharikota provides an opportunity for the rural youth, especially for the economically underprivileged students from villages.

Gokula Krishna College of Engineering is located at Sullurpet which is a Mandal in Tirupati District of Andhra Pradesh State, India. Sullurpet consist of 66 Villages and 20 Panchayats town. Our college has a large number of students from the surrounding villages. Most of the students are from rural areas & with poor background. With the unique vision and mission, the college always function innovatively and distinctively. This institution was established in the year 2001 with the mission to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We provide individual attention world class quality of education and character building.

Highly qualified faculty of GKCE impart futuristic technical education and instil high patterns of discipline through which make the students technologically superior and ethically strong who in turn shall improve the quality of life of the human race. GKCE is very fortunate for being the neighbour of the space port of India SDSC-SHAR, Sriharikota. Students of GKCE get the chance of visiting ISRO, witnessing rocket launches and interacting with the eminent scientists. Every year College organizes industrial visit to SHAR for B. Tech. students by applying regularly by the coordinators of industrial visit.

GKCE uniquely get the chance of organizing ISRO events in our college campus. GKCE extends its cooperation for conducting program on 5th October as a part of world space week celebrations during 4th to 10th October 2018. More than 3000 students from various schools and colleges of 25 villages have participated in the program organized in the campus of GKCE.

Faculty of GKCE encourages the students to participate in various conferenced organized by ISRO for students' community and many teams won awards by their distinctive performance. The following are the few achievements of our college students:

- Students' team lead by Mrs. M. Gnana Priya Won best innovative idea for the paper "SOLAR POWER HARVESTING IN MEDIUM EARTH ORBIT" in the National conference LAMSYS-2016 conducted by SDSC, SHAR, Sriharikota.

- Students' team lead by Mrs. Sudha received II Prize in the world space week organized by ISRO in the paper presentation competition in 2018.
- Students' team lead by Mrs. M. Gnana Priya Won the best innovative idea for the paper "Energy harvesting from the vibrations of Space Vehicles" in the National conference LAMSYS-2018 organized by SDSC, SHAR, Sriharikota in Satyabhama University, Chennai
- Students' team lead by Mrs. Dhana Lakshmi Won best innovative idea for the paper "Self-healing circuits for space applications" in the national conference LAMSYS-2018 organized by SDSC SHAR, Sriharikota in Satyabhama university, Chennai.
- Students' team lead by Mrs M. Gnana priya won the III prize in the design competition of world space weak 2021 SDSC, SHAR, Sriharikota.

GKCE has a vision of making its own satellite GKCESAT and the separate research team are in the process of seeking permission from ISRO.