

KAVIKULGURU INSTITUTE OF TECHNOLOGY AND SCIENCE

RAMTEK-441 106, DIST. NAGPUR, MAHARASHTRA,

(Managed by Vodithala Education Society, Hyderabad)

Approved by AICTE, COA, New Delhi and Govt. of Maharashtra

Permanently Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

NAAC ACCREDITED

ISO 9001 : 2015
ISO 14001 : 2015
Certified Institute

E-mail: info@kits.edu

Phone: 07114-255309 / 255313

Web : www.kits.edu

DTE Institute Code : 4104

Fax : 07114-255236

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: Students Counseling

2. Objective of the Practice:

- To make the students comfortable in the stressful competition, so that they perform to their maximum potential in academics as well as extracurricular activities.
- To guide the students with day to day issues or issues related to their academic performance.
- To inculcate problem solving and decision making ability in the students
- To make the students self-confident and self reliant, so that they can deal with the different issues they are likely to face in future.
- To create better understanding between students and teachers this helps in creating a harmonious atmosphere in the Institute.

3. The Context:

For students to make learn at their peak capacity, they need to be physically, emotionally, intellectually and spiritually well.

In today's era of cut throat competition, students often suffer from stress and become depressed easily either for academic reasons or for any other personal problems. In order to help students to resolve their issues related to personal, academics or any other issues, counseling of students is a requirement of the day and time. Since, the Institute has the responsibility to build and develop the personality of the students; we need to counsel the students for raising their self-confidence and developing positive attitude.

4. The Practice:

The main focus of the counselor is to understand the problems or issues of the students and develop their mindset so that they resolve issues in a right way. In engineering subjects, we often find that the topics in the subjects get outdated very fast and the students find it difficult to understand the relevance to these subjects. The counselors who are the guardian teachers are faculty from the respective departments. They help the students by guiding them in the right

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direction for aspects of problem solving and decision making. One dedicated slot for counseling activity is provided in the time table of every class. A group of 15 to 20 students are under each counselor and attending counseling classes is mandatory. Counselors maintain the attendance register for the students in counseling session. The students discuss their problems related to studies, hostels, curricular activities, health and many other issues including their personal problems with their counselor during this period. The counselor discusses these problems and help in resolving these issues. Progress reports and attendance of students are sent by the counselor to their parents after both mid examinations.

At the completion of their degree course, a character certificate is issued to the student which is based on counselor's report. Some of the problems though rare that are resolved during counseling are of depression, anxiety etc. Many college students have such low self-esteem that they find it difficult to attend classes or do their assignments once they fail. They suffer with different levels of depression and get themselves hooked with wrong practices and addiction. There are students who join the institute with the plan to get major in a certain field (branch) without having much idea about the kind of employment they are going to land into. This leads them to great anxiety. Addiction is one of the greatest problems that the students encounter. Without parental monitoring, it is easy for college students go astray and get caught up in addiction. To help college students in resolving their issues, our Institute has made efforts in the form of establishing an individual and group counseling system to provide intervention to the students, so that their social and emotional problems do not interfere with their academic performances. In our Institute counselors maintain student's personal and academic profile for each semester. In Students performance profile all the conversation details, academic progress in terms of mark sheet, personal details of the student are maintained by guardian teacher. This data helps guardian teacher to understand student emotionally, academically and personally. It also helps in the proper designing of the execution of curriculum for students.

5. Evidence of Success

Result shows that the counseling practice in our Institution has been effective in solving student's personal difficulties. The moral support given by individual counseling seemed to have a positive influence on the academic performance and the number of sessions correlated positively with the academic performance. It has been observed that the percentage of number of students detained per year

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due to less attendance decreased. Participation of the students has increased in various co-curricular and extracurricular activities. Students are also trying to solve the problems of local community through their project work. The ability to communicate has increased gradually. Student's performance in competitive examinations has also improved.

6. Problems Encountered and Resources Required

The most common problem that the counselor encounters with the student is that many students are introvert and hesitate to discuss their personal problems. This is because students in this Institute mostly come from rural areas and have poor educational background. So, there is a lukewarm response in the parents meeting which is well below the expectation. Contacting students and their parents is also a problem as contact numbers are frequently changed and not informed to the counselors. To send the progress report of students to their parents, counselor takes the help of Postal service or SMS facility. Regular parent teacher interaction is necessary to discuss the issues related to academic performance of students. But this process is not effective to the expected level in rural areas. By taking into the consideration of the problems encountered in counseling, it is planned to have a student counseling session with a professional for the next academic year. We are considering Keyoar group for conselling to third year students.

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Best Practice-II

1. Title: Initiatives and Practices for A Green Campus

2. Objectives:

- To promote greenery and sustainability in the campus, to speed up eco-friendly practices and education.
- To take the necessary steps to foster a culture of environmentally conscious thinking among the students.
- Rainwater collection and sewage treatment are used to help preserve the natural resources.
- Students and staff members are encouraged to participate in green campus activities.
- Planting of the samplings are being practiced every year for a green-environment.

3. The Context:

Since the need to safeguard the environment, minimize water waste, and maximize the use of energy resources on campus has arisen, the institute has implemented a number of Green initiative practices with the voluntary participation of students and employees.

4. The Practice:

- The environmental audit method was put in place by the management by an environmental audit team periodically.
- Green campus initiative instructional labels are put in a conspicuous location throughout the campus.
- Within the campus, a rain water harvesting system is built to store the rain- water.
- Conducts tree-planting initiatives on a regular basis.
- Establishment of a waste management system to handle hazardous and electronic trash, among other things. To reduce carbon footprints, staff and students are urged to use public transportation.

5. Evidence of Success:

- Rainwater is collected and used for gardening and other purposes.
- Waste generated office, class rooms, hostels, staff quarters, mess and canteen is collected from the dustbins placed at different locations. This

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waste is separated into categories as biodegradable and non-biodegradable.

- Excess food is supplied to Nagar Parishad, Ramtek for power generation.
- Kitchen waste, grass, leaves from campus is decomposed and also used as manure.
- Non-biodegradable solid waste is used as filling material in low-lying areas. Bio-gas plant is established near mess in which kitchen waste is used.
- Liquid waste from hostel, staff quarters and academic complexes comprising about 1000-1500 inhabitants is collected in septic tank for primary treatment and is taken for treatment through Free water surface constructed wasteland treatment system.
- The effluent enters the wetland in batches with mean flow 24 m³/day. The treated water stored in storage tank and used for lawn and plants.

6. Problems Encountered and Resources Required:

- Maintenance of plants with regular watering is a challenge to overcome by the labors.

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