Best Practices

Describe at least two institutional best practices (as per NAAC Format) Response:

BestPractice:1

Title of the Practice: *Academic Advisory Board (AAB)*

Objectives of the Practice

- *To imbibe excellence in all the academic activities carried out in the institution*
- *To set up strong academic processes that will help the institution get recognized and also aid in getting accredited.*
- *To take the institution from its current level to the next level and obtain autonomy.*

The Context

The Institution that is celebrating its Silver Jubilee Year (1999-2024) has been steadily growing with the inputs of its own administrators and teaching faculty strictly following the University guide lines. During the year 2018 a strong need was felt to establish an advisory body that could advise the Management on all higher academic matters as well as help the Management to take the institution to the next level. The institution had set itself a goal to get accredited by both NAAC and NBA. Thus, the institution obtained its NAAC Accreditation during 2018 and NBA Accreditation during 2021.The advisory board is called as the Academic Advisory Board that is chaired by a former Vice Chancellor of VTU, Belgaum, Prof. H.P.Khincha. The Other Menmbers are Dr. K.N. Balasubramanya Murthy, Former Vice Chancellor, PES University as well as Dayananda Sagar University, Bengaluru; Dr. Y.N.Srikanth, Former Professor of Computer Science, Indian Institute of Technology, Bengaluru, Dr. Shyam Vasudeva Rao, Industrialist, Bengaluru; Dr. K.V.A. Balaji, Former Registrar, VTU Belgaum who is the Member Secretary as well as Chief Executive Officer for the Kammavari Sangham Group of Institutions.

The Practice

The Academic Advisory Board that meets at least twice in a year or more, is involved in setting up systems and processes for the group of institutions. It also helps in conducting the Selection cum Screening Committee Meetings that helps Management to select people for all the higher positions like Principals and Professors. It also recommends the promotions and increase in emoluments for all those in-house staff who complete their Ph.D. and obtain their degrees.

The Academic Advisory Board is vested with the responsibility of identifying people with extra ordinary teaching as well as research skillsets and recommend them to be appointed as Key Resource Persons whose services are utilized for mentoring faculty, doing consultancy, staff selection, designing training programs etc.,

Evidence of Success:

It was only after the initiation and establishment of Academic Advisory Board the institution prepared and applied for the NAAC and NBA Accreditation. Several academic processes and systems were established. The AAB has given guidelines for processes like " Final Year Project Selection and Implementation" .

BestPractice:2

Title of the Practice: *Student Augmentation through Overall Development*

Objectives of the Practice:

- **To create an eco system for self learning and experiential learning both leading towards all round development.**
- **To sensitize the students towards Social Service and Social Responsibility**
- **Active Participation in Professional Bodies**

The context:
Students form the central focus of any institution. The value that an institution would add to them during their stay of four years becomes very important. In this context, creation of an ecosystem for this value addition becomes a top priority.It is also very necessary to expose the students to the various learning opportunities and situations available for them to enhance their knowledge.

The Practice:

At KSIT a very sound culture of participating and organizing socially relevant problem solving exercises through HACKATHONS are present where students not only participate in state level, national level and international level Hackathons and have brought laurels to the institution but also organize these events for the benefit of all the students of other institutions (KSIT Students only organize but don't take part in these events.)

Society of Automotive Engineers (SAE) has a vibrant existence in KSIT. Every year, students take active part in the Design-Development-and Fabrication competition that involves the participation of Mechanical, Electronics & Electrical and Computer Science Engineers. This activity is building the team spirit of interdisciplinary students who work for a single goal namely winning the competition. A variety of different class of vehicles including the Electric vehicle had been built so far and every time the team has brought in laurels to the institute.

Various Professional bodies like IEEE, WIE, CSI, IIFT, IEI, and so on have their student chapters at KSIT. Every student who enters the portals of KSIT will be made a member any one or more of these professional bodies that organize a variety of programs like guest lectures, hands-on workshops and other events that result in a learning opportunity.

At KSIT the National Service Scheme has a strong presence. The students are inducted in the first year and will remain till the final year taking active part in organizing a host of national festivals like the Independence Day, Republic Day, Kannada Rajyotsava Day, Constitution Day etc., Teacher's Day, Engineers Day and so on.

As a part of the outreach activity, KSIT has been vested with the responsibility of supporting and hand holding five Government Schools in its vicinity where a lot of maintenance support, painting, drinking water availability, donation of computers, donation of school bags and note books, cleaning of the premises, teaching personal hygiene to the children as well as the usage of computers are done by the NSS Volunteers.

The NSS also organizes an Annual NSS Camp where the students learn the art of living in rural locales, actively participate in "Swatch Bharat Abhayan", teaching personal hygiene to the village children, teach a variety of activities to the school children including Indian art forms of dancing and singing. The blend with the rural children and bring about an awareness on the importance of education.

Evidence of Success:

1. Students of Computer Science and Engineering continuously participated and won the first and second prizes in the Smart India Hackathon organized by MHRD, GOI, from 2017 till date.
2. During 2022-2023, our students have won prizes in the National Level Contest - Smart India Hackathon (SIH) conducted by the Ministry of Education Innovation Cell and All India Council for Technical Education:
3. First Prize for the team Access_Denied at Coimbatore, Tamil Nadu;
4. First Prize for the team What_The_Food @ Hyderabad, Telangana;
5. 1st Runner Up for the team CTRL_ALT_ELITE @ Bhopal, Madhya Pradesh; and
6. Winners of TOYCATHON 2021: CONTAGIOUS INTELLIGENCE.

TEAM REDLINE RACING is a KSIT team, participating in a national event, SAE-INDIA BAJA, **since 2015** and has been coming out with amazing performance every year at state, national, and inter-national levels. The group of **25 students** from the Mechanical Engineering and other departments designed, fabricated, tested, and took the vehicle to the event with the utmost passion. They are bringing laurels to the institution continuously.

Electronics and Communication Engineering Student Master Tirumala Ganesh Bharadwaj Sharma secured a gold medal in the 4th open International Taekwondo Championship held at Orchid Arena Garden, Kolkata, West Bengal, on November 26, 2023.

Artificial Intelligence and Machine Learning student and also NSS volunteer Gurudeep. R has participated in STATE REPUBLIC DAY PARADE 2022–23 and secured 1st PLACE and also participated in "NATIONAL INTEGRATION CAMP" held at Karnataka University P.G. Center, Karwar, from 22nd to 28th November, 2022–23.

NSS Volunteer of KSIT, Sirish Govardhan has been awarded with one of the most prestigious STATE NSS AWARD for the year 2019-20.
NSS Volunteer – Yasashwini.P has participated in South Zone NSS-Pre Republic Day Parade -2021.

Thus, it could be seen how KSIT provides opportunities to develop and become socially responsible engineers and contribute to the society.

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.