



Two Best Practices of the institution

Best Practice -1

1. Title of the Practice:

Inculcating the spirit of research among faculty for a progressive technological growth

2. Objectives of the Practice

- To improve quality in the teaching-learning process
- To enhance quality in UG and PG projects
- To publish papers in refereed International/ National journals and conferences
- To undertake collaborative projects and consultancy for long term interaction with the academia and industry
- To attain IPRs
- To get research projects from several funding agencies

3. The Context

Research is a never ending quest for knowledge, which may be used to promote progress for the society. Today's world is rapidly developing, giving way and scope for new research initiatives to have a better life. To keep up with the growing needs and demands has become most essential parameter. To meet such demands, continuous research and development of new products and projects has become the need of the hour. This motivated the college to strengthen R&D activity that focuses on various independent domains and encourages multi disciplinary research.

4. The Practice

Teaching and Research must go together. With this aim, research is promoted by the college in the following ways and means:

- Providing opportunity to work at higher level institutions like IITs/IIMs for about six months
- Sponsoring for seminars/conference/workshops/Orientation courses /refresher courses like STTPs, FDPs, SDPs, etc. by paying registration fee, TA/DA with paid leave
- Financial incentives like paying registration fee for publications in journals and conferences and TA/DA for presentation of technical papers in various International/National conferences
- Modernization of laboratories with research facilities
- Exposure to international expertise by organizing invited lectures, work-shops, seminars and conferences, etc.
- Research Grant – Rs.10,000/- per faculty subject to a maximum of Rs.2,00,000/-
- To encourage to pursue PhD, institute provides tuition fee, documentation charges for PhD thesis in addition to infrastructure, computing, library facilities, etc.
- Providing high end computing facilities, with internet, Wi-Fi, and other facilities.
- The supporting staff is also encouraged to upgrade their skills by being deputed to relevant authorized /recognized training centers in their respective trades/fields.



5. Evidence of Success

Owing to the hard work done by the members of faculty, the following achievements have taken place in the Organization

- No. of teachers availed the facility and obtained their Ph.D.: 40
- No. of teachers availed the facility and pursuing their research: 61 submitted thesis
- No. of international publications by the faculty: *More than 40*
- No. of national publications by the faculty : *More than 25*
- No. of funded projects : 08

There is a tremendous improvement in teaching learning process as the faculty is exposed to latest areas of their topic of research. Further they are able to help the faculty who are fresh to initiate research. Good number of teachers got admission into Ph.D. at various universities. Students publications have increased and quality of student projects, both UG and PG, has been enhanced. Dr. P. Ravinder Reddy, Professor of Mechanical Engineering, Dr. N.V.Koteswara Rao, Professor of ECE & Dr. P. Narahari Shastri, Associate Professor of ECE, have filed for patents.

6. Problems Encountered and Resources Required

- Trying to inculcate the habit of doing research among many faculty which helps them to grow and the growth of college too
- They are given less teaching load and weekly-off if they complete Pre-Ph.D. Recruiting additional teachers to compensate causing financial burden
- More PG courses have been introduced recently so that teachers can teach advanced subjects which helps them in their research. Trying to get qualified and experienced teachers to fill the gap.
- Industry institute interaction should be improved. The college has tied up with some industries to improve quality in research

Best Practice -2

1. Title of the Practice-

Holistic approach for overall development of students by emphasizing co-curricular and extra-curricular activities.

2. Objectives of the Practice

- To improve the overall personality development
- To inculcate leadership and entrepreneurial traits
- To enhance communication and negotiations skills
- To augment social and human relations awareness
- To imbibe human values and professional ethics
- To train with planning and execution skills
- To build and balance physical, mental and emotional dimensions

3. The Context

Young minds are influenced significantly due to rapid cultural and social changes in the society. So, there is an urgency to steer, drive and enable them with proper values and ethics backed by mission and vision. In this direction there is ample scope for adapting holistic approach for overall personality development of young minds in an education institution through planning and organizing various co-curricular and extra-



curricular activities. Both technology and arts attribute equally for holistic development. CBIT being a technological institution, artistic approaches are being practiced through extra-curricular activities by organizing SHURTHI (An Annual sports and cultural fest), CARPEDIEM (bi-annual cultural fest), etc.

4. The Practice

CBIT provides ample scope for co-curricular and extra-curricular activities in addition to curricular activities.

- SHURTHI, An Annual Sports and Cultural fest.
 - SUDHEE, An Annual Student Technical Symposium
 - CARPEDIEM, Bi-annual Cultural fest.
 - T-SUMMIT, A three day student National Technopreneurial Conference
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- **ASME CBIT**, a technical club of mechanical engineering department enhances technical, professional and networking skills of students. Since its inception, it has scaled great heights in both national and international competitions.
 - **Chaitanya Bharathi Cultural Club (CBCC)** gives an opportunity to every individual in the fields of Art, Music, Dance and many more. Culture, heritage and Art are the personified signatures of civilization and lifestyle. To become better connoisseurs of art and develop optimism are additional subtle feelings conveyed by this club.
- Communicando** It is the literary club of CBIT. The flagship events are 'Literati' and CBIT Model United Nations, Literati is the first exclusive literary festival organized annually. The fifth edition had 1200 participants from various colleges across the country. The CBIT Model United Nations is one of India's largest student-run conferences. The club also runs the exclusive students' newspaper, Transcendent with three editions per semester.
- **Entrepreneurship Development Cell (EDC)** focuses on bringing out the business culture in the campus by conducting awareness drives, seminars by the young entrepreneurs in the city.
 - **Google Student Club** is a platform that provides opportunities to students to improve their skills in technical and marketing areas.
 - **IEEE chapter** aims at enhancement of the professional development.
 - **ISTE chapter**, aims at the development of top quality professional engineers and technicians needed by the organizations.
 - **NSS Unit** activities include plantation drives, Blood donation camps, services at orphanages and old age homes, Road safety, Anti ragging squads, Medical camps in villages, etc.
 - **Robotics Club** offers indispensable guidance, workshops and tutorials along with tools, equipments, components and workspace.
 - **Society of Automotive Engineering (SAE)** promotes careers and excellence in engineering as it encompasses all aspects of the automotive industry including research, design, manufacturing, testing, developing, marketing, management, finances.
 - **Street Cause** Student run NGO conducted events in collaboration with corporate industries such as Deloitte, Gold Drop Industries, Indian Red Cross Society and others, etc.



- **Toastmasters Club** Its objective is to cater to the needs of its members on the important elements of communication such as Learning, Speaking, Reading & Writing (LSRW).
- **Parivrita**, creates the environment club awareness about the issues of environment among the students and the need to protect it. Reduce, Reuse and Recycle. Avoid the usage of plastic and other non-recyclable products.

5. Evidence of Success

The hard work done by faculty and students resulted in the following achievements in the organization

- Many students are able to secure jobs through campus placements
- Some of the students became leaders of Multinational and National corporate companies
- Few of the students became entrepreneurs and turned out to be job providers which is in line with the motto of the CBIT-Swayam Tejaswin bhava
- Students are able to get admissions for higher studies in top universities in the world
- Some of the students turned out to be political leaders and became MLA, MP, Ministers of State and Central Governments
- Some of the students became administrators in State and Central Government
- Some of the students became movie directors and artists

6. Problems Encountered and Resources Required

- Lack of full fledged hostels and staff quarters
- Hectic academic schedules