



Managed By: Shree Tapi Brahmcharyashram Sabha, Surat.
TAPI DIPLOMA ENGINEERING COLLEGE

Formerly : Shree Tapi Brahmcharyashram Sabha College of Diploma Engineering

Approved by AICTE New Delhi & Affiliated to GTU Ahmedabad

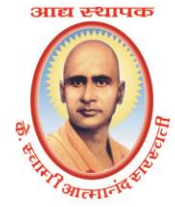
Accredited by N.B.A. (Mechanical, Civil & Computer)

(National Board of Accreditation, New Delhi.)

Shree Swami Atmanand Saraswati Vidya Sankul

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Best Practices In Tapi Diploma Engineering College

The institute believes that, the efficient & motivated faculty is the asset of the institution which can work at higher level of their skill & abilities, which results into increasing overall efficiency of the institute & helpful to achieve the goal of the students which ultimately fulfil the quality policy, vision & mission of the institute.

The Practices

- The college follows an outcome base education by developing course plan with objective & outcomes. Teaching Learning Evaluation (TLE) process is practiced.
- Every semester HOD creates individual copy of faculty e- course book this facilitates the principal to monitor the activities in various departments peer to peer access is restricted.

Faculty e – course book is made of modules relating to OBE, faculty performance, academic schedule with module faculty can keep track of program outcome (PO) & Course outcome (CO) with their mapping with PEO, also helpful to improve attainment of CO's.

Faculty e –course book in house tailor made digital application to streamline the process for better governances for outcome based education (OBE) & which is time saving tool for an individual faculty & for the Institute.

- Transparency ensued in evaluating students' academic performance.
- Use of various resources like library, E-library, language lab, multimedia, internet for teaching learning process.
- Students feedback on organization and delivery of course is taken twice the year
- Implementation of Moocs , E learning , Flipped Class room, NPTEL/ SWAYAM, coursera etc.

- College is authorized centre for society for the creation of proficiency in English (SCOPE) by the government of Gujarat.
- Ragging is social offence & which is totally banned in the campus.
- 24 hours electricity & Water supplies in the campus.
- NSS unit of institution is very active in maintaining objectives of Swachha Bharat Abhiyan.

- Suggestion boxes outside the principal office / HOD office are placed to have continuous feedback for improvement.
 - Parents meet are conducted to take regular feedback about the progress of their ward & overall development of college.
 - A unique counselling process is practiced, where in each faculty is allotted 25 students as a proctor with the objective of creating interest in studies & other activities.
 - College conducts blood donation camp to boost the social awareness & ethical duty as human being.
 - All staff & students of the college have opened digital locker.
 - Arranging expert lecture on effective use of digital technology to grow smart working culture
 - Encouraging the girls students to take up mechanical and civil branch
 - Women development cell, Internal Complaint Committee are working in the college.
 - Use of renewable energy: by providing roof top solar power generating plant of 40 KW.
 - Students are made aware about judicious use of electricity, water & paper.
 - Water harvesting/ water recycling: Use of LED fitting in all street lights, Toilets, corridors.
 - Plantation – every year trees are planted due to this campus has become lush & green.
 - E- Waste management: E-Waste generated is first reused in the campus itself, and then discarded waste is disposed off to authorized vendors.
 - Consulting work is undertaken in the field of electrical energy, civil engineering materials, waste water and construction water testing. Water & Air Pollution, Soil testing as a part of environment audit is undertaken.
- For this following certified and well equipped laboratories are available
- Material testing cell (NABL Approved)
 - Environment Audit Cell (NABL Approved)
 - Energy Audit Cell (Approved by GEDA)
- 50 % of water requirement for trees is through rain water harvesting.
 - Electrical maintenance of Campus & vehicle maintenance is carried out with the help of college subordinate staff & they are paid for that
 - ERP implementation for management of leaves, time table, salary, library, exam, results, fees, teaching & learning etc..
 - Appropriate functioning of grievance Redressal mechanism.
 - College encourages students to pursue internships during the vacation & acquire necessary problem solving skills.
 - Every student is put through judicious blend of Practical Knowledge, theoretical knowledge & extra activities like debates, Aptitude, value added courses along with soft skill & communication skill development.
 - English proficiency test for new enrolled students is conducted & accordingly students are guided for reading, writing & speaking skills.
 - Additional coaching for Mathematics is conducted for weaker students.

- Collage regularly encourages the students to participate in various Tech fest, Paper presentation, project fair in the state.
 - Separate Teaching-Learning strategy for weak and bright students
 - Provision of language lab. equipped with updated licensed software, used for enrichment of the skill.
 - Availability of centre of excellence, which includes PLC, SCADA, DCS training facility in collaboration with Forbes Marshall, Pune to enhance the technical skill of the students.
 - To enhance the technical skill of the students M.O.U. is made with Yamaha India Limited.
 - Industrial tours are arranged for students 4th semester onwards.
 - Every year sports (Indoor & outdoor) & cultural program is arranged to provide exposure & find out hidden talent of the students.
 - Every year final year students of the college make the exhibition of project which will be also helpful to all junior students to improve academic performance.
 - Close interaction with society is achieved under the various schemes of Unnat Bharat Abhiyan, Which improves the problem solving skills of the students & keep them in touch with society.
 - A College to corporate sessions is organized for final year students to prepare them for industries this includes Time management, planning, prioritization attitude, verbal & non verbal skills effective communication skills, group discussion, team building skills & interview skills.
- Best teacher, best HOD, best class three and class four awards given every year.
- Disbursement of festival advance, providing accidental & life insurance, additional remuneration to key functionaries working for college. Sponsorship for higher education, department program, decentralization of autonomy to departments.

**Principal
TDEC**