

7.2.1. Describe at least two institutional best practices

Best Practices I

Flexibility in curriculum - Flexible OBE with full cycle curriculum:

The institution implemented Fully Cycle OBE curriculum with students score card introduction on their skills. The curriculum review took place with the changes in curriculum in terms of industry driven topics and syllabus which enables the students to be an industry ready candidate. The curriculum review involves all stake holders such as students, parents, industry experts and faculty members to contribute towards a better curriculum with the rationale of changes to be specifically recorded. This is a cyclic process and once in a year the annual review meeting will be conducted for all the programme(s). This helps in keep up the curriculum up-to-date to the market demand.

Best Practices II

Student Skill Card System

Outcome based education is key in developing and testing the skills of a student. This is widely initiated by the institution in 2018. A full cycle of obe curriculum was developed and implemented for all the programme(s). A further milestone on the OBE initiative is the institution introduced Student Skill Card System in 2019. This encompasses the set of skills the student possess during the three year journey for a degree programme. This helps the students to choose their relevant field of job during the placement opportunities. The students were provided with the skill card at the end of every semester upon completing the respective subjects. The skill card reflects the strength and weakness of the students in the respective semester pertaining to the subject learned. This is one of the major achievement in implementation of OBE by the institution.

The following are the best practices which are adopted in our institution to exemplify the connection and relevance to motivate, engage and prompt students to learn and achieve, promote success and ambience atmosphere.

- **Provision to earn Additional credits**

Students are provided with value added courses in which they can choose their interested area to enrich their knowledge and skills. This in turn providing them additional credits apart from the minimum required credits to graduate. This value added courses enrich the student set of skills and helps them to groom them based on the industry demands. Every programme is tied up with at least one value added course which is not included in the curriculum. The institution providing its students enormous opportunities to learn more and become a competent graduate in the market.

- **Real time experience learning (e – learning platform - myclassroom.com)**

The institution initiated digital learning platform for its students apart from the conventional method of learning. myclassroom.com enables the students and lecturers to have a smooth

teaching and learning facilities. This become too handy for our institution during covid-19 period. This helps in eradicating the disruption of teaching and learning process. Through out the academic year mykclassroom is active and faculty members actively engage in teaching-learning activities through the virtual mode. This brings the concept of education everywhere to the students. As the institution comprises of students outside the state and including overseas students.

- **Implementation of Industrial exposure Training**

Students are provided with industrial exposure training in order them to be a industrial ready graduate. The class room teaching and learning helps them to be more knowledgeable students in their respective field. However, the students needs more on industrial exposure to explore the real time work place needs and demands. The institution initiated a 3 months industrial exposure training for all the programme(s) and made it compulsory to all the students to actively participate.

- **E-governance through Google drive**

The institution initiated a google drive documentation for retention of all the files and folders which goes paper less. This was one of the green initiative by the institution to have a environmental friendly campus which also reflected in the energy projects, waste management projects and swatchhta ranking tabled top in the nation. This initiative helps in securing the documents without damages and retrieval of such documents are available all time. the departmental quality documents are initiated through google drive and all the activities academic and non-academic will be filed and stored in the google drive.

- **Supply of treated safe drinking water to staff and students**

The institution remarkable achieved waste water treatment project through its Bio-science department faculty members and students. The waste water collected were treated with utmost care and re-cycled for the college operations. More than 70 of the waste water were treated and re-cycled for the institutional purpose. The report stated that almost 70000 liters of treated water generated from the liquid waste and re-cycled. This is remarkable achievement in eradicating the waste and waste management system by the institution.

- **WOW initiative(s)**

Solid waste such as papers and stationaries are conflated in a separate room and are donated to ITC for recycling, part of Wellbeing Out of Waste (WOW) initiative. Stringent measures have been taken to minimize the use of plastics inside the campus. Garden wastes, waste foods and vegetables generated from cafeteria, catering science department and hostel are treated by vermicomposting, an environmental friendly way of disposing the garbage. The compost is used for the institution gardening activities. Wastes from the laboratories are systematically decontaminated before disposal.

- **Rain Water Harvesting**

The rain water harvesting system is established inside the campus and all the buildings are well connected into this system. 45 Rain Water Percolation Pit with the dimension of 100ft depth and 6.5inches diameter was drilled and erected with perforated casing pipe to increase the efficiency of rain water harvesting with the aim of increasing the ground water level. This helps in increasing the ground water level. This was one of the initiative taken by Government of Tamil Nadu and the institution well adopted the system in its campus which helps to keep the campus green.

- **Renewable Energy**

The college aims to promote the utilization of renewable energy through solar powered units around the campus. Realizing the fact that solar energy offers clean, green and inexhaustible energy. An attempt was made to harness solar energy by installing 2 solar water heating system in the hostels with each 3000 litres capacity for cooking and bathing. This manages to save the electricity consumption up to 7500 units. The institution is of plan to extend such facilities through out the campus in near future.

- **Job Placement**

The institution is well known for its job placements. 100 graduated students receives offer letter while leaving the campus upon their graduation. Some of the top firms which recruits the students are Deloitte, KPMG, Wipro etc. are worth mentioning. The institution is successfully launched its job placement project a decade ago and still running it in a successful manner. Majority of the companies participating in the institutional educational fair are multi national companies. The highest pay so far recorded for a student is Rs. 600,000 per annum. The institution assures its students on their job placement by providing pre-placement training and coaching. Students were provided with spoken language training with the motto of Campus to Corporate. This exclusive sessions are conducted for the students to build the confidence in language. during their forth semester students were provided with a training and workshops on preparing Curriculum vitae. Such initiatives become fruitful to the students in achieving the campus as 100 job placement. Another initiative of the job placements are the institution signed MoUs with few multinational companies in offering the courses which they required specialist in such areas. B.Sc. Cognitive Science is tied up with Tata Consultancy Services, Mumbai, Bachelor of Business Administration tied up with Ministry of Skill Development Entrepreneurship and B.com Business Process Systems is tied up with Tata Consultancy Services, Mumbai. Such initiatives are preparing the students to be industry ready graduates. Additionally the institution signed MoU with Texas AM University, USA to widened its job placements beyond the borders. As moving forward the institution is working with some of the Australian Universities to have tie up in establishing its job placement and academic tie ups.

- **Research Development**

The institution conducted its own conference which tied up with the indexed and non-indexed journals in encouraging the students and faculty members to present papers and publish articles. As moving forward with research and development activities the institution initiated conferences and paper publications. for 2019-20 the institution achieved more than 500 papers

published in indexed and non-indexed journal which is at an average of more than 1.5 paper per day. This is the best figures so far the institution achieved in terms of research and publications. Out of these 500 publications some of the articles are published in SCOPUS, WOS indexed reputed journals which has high citations. Moving forward to the upcoming academic year the institution targets to increase its research and development activities by expanding its service to the society in terms of grants and projects.

Apart from the above initiatives the institution has achieved top rankings by adopting best practices in certain programme(s). Other initiatives like green campus, eco-friendly institution and so on.