7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Empower Women: Impact the World
The slogan 'If you educate a man, you educate an individual, but if you educate a woman, you educate a family, a nation' is the inspiration behind the institution's Moto **Empower Women: Impact the World.** The Methodist Church in India founded Stanley College of Engineering and Technology for women in 2008 with an aim to empower girl students through professional education integrated with values and character to make an impact in the world.

The mission of the institution is directed towards the quality engineering education integrating humanity, social values, ethics, and leadership thus by establishing the state-of-art facilities. Broadly, the education system is envisioned as conducive Teaching/Learning environment with a provision to employment and transforming into beautiful mind embedded with morale and ethics.

Teaching / Learning
The institute started as an affiliated college and had little flexibility in curricula and delivery to cater to our exclusive women-related issues often related to choice leading to restrictive education. Subsequently the institute got Accreditation of all the UG courses by NBA in 2018(all eligible UG programs were reaccredited in 2022) and also by NAAC with 'A' grade in 2019. In 2021 the institute was granted Autonomy by UGC and also the affiliating University. It was then our opportunity to initiate designing curricula suitable for women balancing the high standards at the same time. Students got a chance at wider choice. Each program curricula was designed to give more choice of specialization with at least 5 streams of choice per program through wider range of professional and open electives. The component of experiential learning was also enhanced by increasing the number of laboratory courses, internships, industrial visits, project based learning for all theory courses with more marks or credits. The Academic calendar calls for more participative learning by enforcing scheduled Class review meetings (which have student representatives) and more robust feedback along with the usual components. Thus employable skills are also imbibed into the curricula. If any gaps are found, extra contents are added and required personality development courses are being conducted through student managed clubs/professional bodies' student chapters (IETE/IEEE/CSI/ACM/...) in all departments. The time table is so designed to accommodate syllabus prescribed, skill orientation(6hrs/wk), social / ethical awareness, sports/ library hours is strictly followed (which made 9 to 4.30 for all six days working). To know whether learning is going or not, continues evaluation system is followed. In every class questioning of previous class in the beginning and reviewing same day teaching in the ending of the class is done. Some surprise slip tests, practice tests after covering of each unit of the syllabus make to identity the level of student. Depending on the level, extra coaching or assignment or more practice tests for slow or weak learners and coaching of extra advanced topics and encouragement for paper publications for intelligent learner practice is distinctive / unique feature of the teachers of SCETW. Internal and external exams will be conducted as per Almanac (Schedule) extra concentrated teaching for needy is also under taken. Remedy for makeup exams appearing students, personalized couching for detained students will make the weak students perform well and makeup. From Ist year onwards in the form of spoken tutorials of Bombay IIT, NPTEL, certification of Madras 11T, certification of di• erent software companies like Microsoft , IBM, Salesforce etc, are making the graduates of SCETW enrich with more technical skills and more value added knowledge. Further incentives both cash and kind are given to students who excell.

Providing Employment
In order to fill in the gaps in the academic curriculum, a number of studies from industry experts regarding the identification of current market trends are taken into consideration. Based on industry expert's feedback, an outsourced platform A2I (Academics_to_Industry) is provided to all students along with virtual_labs (from IIIT). This programe is also initiated from BE First year onwards. Training of communication skills (with special concentration on vernacular medium students) and

enhancement of soft skills are also under taken parallel with curriculum teaching. This platform is equipped with online compilers(c,c++/java/python/dbms). Besides, students are encouraged to enrol to global platforms -Hackerrank and Leetcode. Also industry specific questions, mock interviews are posted online for an extensive on campus job preparation. Company specific trainings are also given. This has led to our students excelling in national competitions like reaching finals of Toycathon (out of 1.2L competitors), 3 teams made it to the finals of Smart India Hackathon, winner of IBM challenge, achieving 3rd position in regional round of IDE challenge by MHRD to name a few.

The TP cell not only empowers the students, but also encourages, invites and organizes the placement drives of divergent employers. The reputed companies (like Intel, cyient, IBM, Accenture) visit the institution after examining the academic track record of the institution and its ranks (51 university ranks from 11 batches over all programs), accreditation status of courses, ranking of the institute etc. Many factors attribute to the success story of the institution –faculty expertise, remarkable doctorates, research publications state-of-art facilities etc.

The e• orts of TP cell and untiring e• orts of faculty, the placements have improved to the level of over 1000 placements, out of which around 500 unique placements with attractive packages of 34L and a current average package of 5.8L. Also our students are making a significant mark in higher education (about 10% go abroad).

Making Good Human being

Integrating qualities like humanity, social values, ethics, leaderships with education make a person a good human being. Teaching these values through subjects and cultural activities like Environmental Science, Research Methodology, Gender sensation is being done. The NSS activities like Swachh_Bharath / Haritha-Haram / Blood_Donation/Visiting of Bastis of rural areas. These activities do inculcate human values to make a perfect human being making them physically and mentally strong. Medical facilities/GYM/Sports & Games facilities enhance the physical strength. Yoga/Karate practice in also provided to make our girls brave & strong. Further sports are also given due importance and this has led to our students being on university teams, winners at state and regional competitions. One of our students is a national silver medal winner at Fencing. So Choice is being implemented in letter and spirit.

These practices empower the Girl students and make them perfect empowered women to Impact the world.