



ENGINEERING ACCREDITATION COMMISSION

Summary of Accreditation Actions

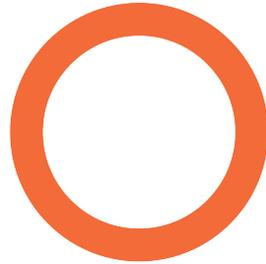
2018–2019 Accreditation Cycle

Thapar Institute of Engineering and Technology
Patiala, Punjab, India

Computer Engineering (Bachelor of Engineering in Computer Engineering)

Accredit to September 30, 2022. A request to ABET by January 31, 2021 will be required to initiate a reaccreditation evaluation visit. In preparation for the visit, a Self-Study Report must be submitted to ABET by July 1, 2021. The reaccreditation evaluation will be a comprehensive general review.

This is a newly accredited program. Please note that this accreditation action extends retroactively from October 1, 2016.



ABET

ENGINEERING ACCREDITATION COMMISSION

**THAPAR INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

PATIALA, PUNJAB, INDIA

FINAL STATEMENT OF ACCREDITATION

2018-19 ACCREDITATION CYCLE

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY

Patiala, Punjab, India

ABET ENGINEERING ACCREDITATION COMMISSION

FINAL STATEMENT

VISIT DATES: NOVEMBER 25-27, 2018

ACCREDITATION CYCLE CRITERIA: 2018-2019

INTRODUCTION & DISCUSSION OF STATEMENT CONSTRUCT

The Engineering Accreditation Commission (EAC) of ABET has evaluated the Computer Engineering (Bachelor of Engineering in Computer Engineering) program at Thapar Institute of Engineering and Technology.

The statement that follows consists of two parts: the first addresses the institution and its overall educational unit, and the second addresses the individual programs.

A program's accreditation action is based upon the findings summarized in this statement. Actions depend on the program's range of compliance or non-compliance with the criteria. This range can be construed from the following terminology:

- **Deficiency** A deficiency indicates that a criterion, policy, or procedure is not satisfied. Therefore, the program is not in compliance with the criterion, policy, or procedure.
- **Weakness** A weakness indicates that a program lacks the strength of compliance with a criterion, policy, or procedure to ensure that the quality of the program will not be compromised. Therefore, remedial action is required to strengthen compliance with the criterion, policy, or procedure prior to the next review.
- **Concern** A concern indicates that a program currently satisfies a criterion, policy, or procedure; however, the potential exists for the situation to change such that the criterion, policy, or procedure may not be satisfied.
- **Observation** An observation is a comment or suggestion that does not relate directly to the current accreditation action but is offered to assist the institution in its continuing efforts to improve its programs.

INFORMATION RECEIVED AFTER THE REVIEW

- **Seven-Day Response** No information was received in the seven-day response period.
- **30- Day Due- Process Response** No information was received in the 30- day due- process response period.

INSTITUTIONAL SUMMARY

Thapar Institute of Engineering and Technology is a private institution that was established in 1956. It is located in Patiala, a city in Punjab, India. The institution is comprised of five schools, six centers, and seven departments. There were 426 faculty members supporting 8,846 enrolled students at the time of the visit. The institution produced 1,249 graduates in 2018.

INSTITUTIONAL STRENGTHS

1. Each engineering program has an international academic partnership in either Ireland, the USA, Canada, Australia, Israel, the Netherlands, or the UK. These partnerships enrich the curriculum, faculty, and facilities thereby enhancing the students' educational experience.
2. The institution maintains contact with over 300 industrial partners who provide internships and employment for students. Through these efforts, the employment rate for students immediately following graduation is over 90 percent.

Computer Engineering

Bachelor of Engineering in Computer Engineering Program

Evaluated under EAC Program Criteria for Electrical, Computer, Communications, Telecommunication(s) and Similarly Named Engineering Programs

INTRODUCTION

The Computer Engineering (Bachelor of Engineering in Computer Engineering) program was initially offered at the Patiala campus in 1992. At the time of the review, the program enrolled 1,876 students served by 96 full-time faculty members. The program produced 176 graduates in 2018.

PROGRAM STRENGTHS

1. The program has an outstanding faculty committed to developing a high-quality undergraduate program through actively participating in a number of research and teaching activities, publishing in a significant number of journals, and participating in national and international conferences. These efforts allow faculty members to maintain currency in their specialty area and bring contemporary issues to the classroom.
2. The program encourages innovation and entrepreneurship through required courses. Furthermore, to strengthen innovative design ideas and entrepreneurship skills, students are provided with opportunities to work on industry-sponsored design projects. These aspects enrich the student learning experience through solving real-world problems.

No deficiencies, weaknesses, or concerns were found.