

Indian Institute of Technology Goa

*M.Tech Computer Science and
Engineering Curriculum – 2020 Batch*

Semester 1
Fundamentals of Computing Systems Design
Probability and Statistics for Computer Science
Foundations of Theoretical Computer Science
Algorithms Lab
Elective 1

Semester 2
M.Tech Thesis Proposal Unit/Seminar
Foundations of Machine Learning
Advanced Algorithms
Research Communication, Ethics and Methods
Elective 1
Elective 2

Semester 3
Project Phase 1

Semester 4
Project Phase 2

List of Electives offered
Computer Graphics using OpenGL
High Dimensional Data Science
Optimization: Theory and Algorithms
Programming Language Paradigm
Algebraic Algorithms