



योग: कर्मसु कौशलम्

Darshan
UNIVERSITY

B.Tech.
COMPUTER SCIENCE & ENGINEERING



A
technical
under-graduate
program
that prepares you
for the **Futuristic Jobs**
in the evergreen **IT industry**



B.Tech Computer Science & Engineering (CSE)

CSE is one of the most sought program in the engineering discipline. The program emphasizes on strong theoretical fundamental of computer science with imparting practical and hands-on experience. A Computer Engineer, also known as a software engineer, is responsible for designing, developing, testing and evaluating the software to meet the needs of a business or an individual. CSE is also the backbone of the most booming fields like Artificial Intelligence, Machine Learning, Big Data, Internet of Things (IoT), Quantum Computing, BlockChains, Industry 4.0 Revolution etc.

The program is ideal for the students who wish to pursue their career in the field of software development in IT sector.

Admission: 180 Seats, Tuition Fees Rs. 40,500* Per Semester. State Quota Seats shall be filled by ACPC and Management Quota seats shall be filled by the university as per the inter-se-merit list.



B.Tech Computer Science & Engineering Minor in Artificial Intelligence & Machine Learning

Conventional computing techniques either fail or perform poor in many tasks like driving a car, detecting a pattern, recognizing a face, processing natural language etc. which human can do very efficiently. AI & ML is used to develop computer systems that are able to learn and adapt without following explicit instructions by using algorithms and statistical models to analyze and draw inferences from patterns in data. In short, AI & ML makes machine smart enough to solve problems efficiently using complex algorithms without human interventions.

The program is ideal for the students who are keen to pursue their career in the field of AI & ML.

Admission: 15 Seats, Tuition Fee Rs. 62,500* Per Semester. Students will be enrolled in this program from 2nd semester. Admission is based on the result (SPI) of Semester-I.



B.Tech Computer Science & Engineering Minor in Cyber Security & Digital Forensic

Cybercrime has become a top level world wide security threat in a short span of a decade. Guarding data and reducing the impact of network security breach are a key challenge for a business or an individual. With the global business environment shifting gears to online and cloud data storage and maintenance, the demand for cybersecurity is at its peak. The scope of cybersecurity has widened significantly in terms of skill sets and jobs.

The program is ideal for the students who want to pursue their career in the field of cyber security.

Admission: 15 Seats, Tuition Fee Rs. 62,500* Per Semester. Students will be enrolled in this program from 2nd semester. Admission is based on the result (SPI) of Semester-I.



B.Tech @ DARSHAN UNIVERSITY

- Highly Qualified, Well Experienced, Industry Linked, Dedicated Faculties.
- A strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with applications of technologies in real life.
- Exposure to cutting-edge technologies through seminars and workshops.
- Inter-disciplinary, management and soft skill courses for holistic learning.
- *Earn While You Learn* program transforms a student into an entrepreneur.
- 90%+ Placement track record by *School of Computer Science* since 2013.



Syllabus

Semester-1

- Mathematics - I
- Environmental Studies
- Physics
- Programming using C
- Web Designing (HTML / CSS / Bootstrap)
- Office Automation Tools

Semester-2

- Mathematics - II
- English for Communication Skills
- Engineering Graphics for CSE
- Object Oriented Programming with Java
- Database Management System - I
- Fundamentals of Electronics

Semester-3

- Discrete Mathematics
- Database Management System - II
- Data Structure
- Web Programming (Angular, NodeJS, ReactJS)
- Digital Fundamentals

Semester-4

- Probability & Statistics
- Python Programming
- Design and Analysis of Algorithm
- Mobile Programming using Android
- Indian Constitution
- Professional Communication - I

Semester-5

- Operating System
- Software Engineering
- Elective-I (ASP.NET / PHP)
- Elective-II
- Economics & Business Management
- Professional Communication - II

Semester-6

- Computer Organization & Architecture
- Computer Network
- Theory of Computation
- Elective-III
- Open Elective-I
- Professional Ethics

Semester-7

- Compiler Design
- Elective-IV
- Elective-V
- Elective-VI
- Open Elective-II
- Life Management
- Industry Defined Project / Internship

Electives

- AI & Machine Learning, Cloud Computing, Blockchain, Data Mining, IoT, Cyber Security & Digital Forensic, Advanced .NET, Advanced Java, Advanced Python, Mobile Computing, Data Visualization, ERP, Computer Graphics, Information & Network Security, Simulation & Modeling, Optimization Techniques.

AI & ML Artificial Intelligence & Machine Learning

- Data Mining
- AI for Games
- Deep Learning
- Computer Vision
- Big Data Analysis
- Machine Learning
- Predictive Analysis
- Business Intelligence
- Natural Language Processing
- Mathematical Modelling & Optimization

CS & DF Cyber Security & Digital Forensics

- Ethical Hacking
- Digital Forensics
- Intrusion Detection
- Cyber Forensics & Auditing
- Information Theory & Coding
- Cyber Crimes, Ethics and Laws
- Information and Network Security
- Web Application & Penetration Testing
- Security Assessment and Risk Analysis
- Mathematical Foundation for Cyber Security

Placement @ Glance

	2018	2019	2020	2021	2022*
Registered	> 78	79	79	146	177
Placed	> 74	75	76	132	102*
Placed Percentage	> 94.87%	94.94%	96.20%	90.41%	57.62%
Highest Package	> 2.80 LPA	4.00 LPA	4.00 LPA	7.00 LPA	4.20 LPA
Average Package	> 1.64 LPA	2.14 LPA	2.55 LPA	2.64 LPA	2.97 LPA
No. of Companies	> 52	86	91	72	32

*The Placement of Batch 2022 is just started in May-2021

Top Recruiters @ DU

TATA TATA CONSULTANCY SERVICES ₹ 3.65 - 7.00 Lakh	argusoft Quality on Time ₹ 4.00 Lakh	Cognizant ₹ 4.00 Lakh	TatvaSoft sculpting thoughts.. ₹ 3.72 - 4.20 Lakh	TRIDHYATECH ₹ 3.60 - 4.00 Lakh	tark ₹ 3.50 Lakh
AIMDek Technologies ₹ 3.00 - 4.00 Lakh	SATVA EDUCATION ₹ 3.00 - 4.00 Lakh	Gantner ₹ 3.00 - 4.00 Lakh	MATRIX TELECOM SECURITY ₹ 3.00 - 3.50 Lakh	infostretch ₹ 3.00 - 3.50 Lakh	ASTAR ₹ 3.15 Lakh
ASITE GET TO IT ₹ 3.00 Lakh	NIVIDATA ₹ 3.00 Lakh	KEVIN EXECUTIVE RECRUITMENT AGENCY ₹ 3.00 Lakh	MIRACLE Accounting Software ₹ 3.00 Lakh	SIMFORM ₹ 3.00 Lakh	yudiz ₹ 3.00 Lakh
STREEBO ₹ 3.00 Lakh	NEOFRUITION ₹ 2.70 - 3.60 Lakh	Synoverge ₹ 2.65 - 3.33 Lakh	cybercom ₹ 2.64 - 3.12 Lakh	gnwebsoft ₹ 2.50 - 3.00 Lakh	CORUSCATE ₹ 2.40 - 4.80 Lakh
CodeTrade.io ₹ 2.40 - 3.60 Lakh	BACANCY TECHNOLOGY ₹ 2.40 - 3.60 Lakh	HypeTeq ₹ 2.40 - 3.00 Lakh	INEXTURE IDEA. DELIVERED. ₹ 2.40 - 3.00 Lakh	WEYSEE ₹ 2.40 - 3.00 Lakh	NCRYPTED TECHNOLOGIES ₹ 2.40 - 3.00 Lakh

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B.Tech.
Program



School of
Computer Science



Computer
Labs



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Campus
Video



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Darshan UNIVERSITY

University Campus

📍 Rajkot-Morbi Highway, Rajkot – 363650 📞 9727747310

Counseling Centre

📍 401, Lotus Arcade, 8 - Royal Park, 150 Ft. Ring Road, **Rajkot**

📍 Galaxy Plaza, Nr. Umiya Circle, Opp. Bajaj Showroom, **Morbi**

📞 9601901005, 9624822202 🌐 www.darshan.ac.in