



योग: कर्मसु कौशलम्

**Darshan**  
UNIVERSITY

**DIPLOMA**  
COMPUTER ENGINEERING



A  
**technical**  
**Diploma**  
program  
that prepares you  
for the **Futuristic Jobs**  
in the evergreen **IT Industry**



## Computer Engineering

Computer Engineering is one of the most sought programs in the engineering discipline. It will help you to develop a strong foundation in software and hardware. A computer engineer, also known as a software engineer or an IT engineer, is responsible to develop software, websites, mobile apps, etc. Computer Engineering is also the backbone of the most booming fields like Artificial Intelligence, Machine Learning, Big Data, Internet of Things (IoT), Blockchain (Uses in Cryptocurrency), etc.

*This program is the best suitable for the students willing to pursue a degree program and wants to grow in the IT industry.*



## Diploma Engineering in Computer @ DU

- Highly Qualified, Well Experienced, Dedicated Faculties.
- A strong theoretical foundation for crystal clear fundamentals.
- Focus on project-based learning with real-world applications of technology.
- Exposure to cutting edge technologies through seminars and workshops.
- Student oriented progress report messaging system.
- Encouraging students to study besides the curriculum.



## Syllabus

### Semester-1

- Mathematics - I
- Engineering Physics
- Basics of C Programming
- Computer Peripherals & Networking
- Web Designing
- Induction Program

### Semester-2

- Mathematics - II
- English
- Environment Conservation & Disaster Management
- Advanced C Programming
- Fundamental of Electronics
- Office Automation Tools

### Semester-3

- Computer Network
- Data Structure
- Database Management System - I
- Object Oriented Programming using Java

### Semester-4

- Database Management System - II
- Operating System
- Python Programming
- Software Engineering
- Web Programming (PHP, Wordpress, MySQL)

### Semester-5

- Mobile App Development using Android
- UI/UX Designing
- Professional Elective - I  
(Advance Java, Advance Python, ASP.Net )
- Open Elective - I  
(Cyber Security, Management Information System, Internet of Things)
- Career Orientation
- Project - I

### Semester-6

- Computer Organization & Architecture
- Professional Elective - II  
(Computer Graphics, Information & Network Security, Software Testing)
- Professional Elective - III  
(Artificial Intelligence, Cloud Computing, Java Script Frameworks)
- Open Elective - II  
(Banking System, Entrepreneurship, Financial Management)
- Project - II



## Skill Development Activities



Web Development using PHP & MySQL



App Development using Android



Hardware Workshop



Python Workshop



Project Exhibition



Poster Presentation



## Lab Infrastructure



IoT Lab



Android Lab



iPhone Lab



## IT Infrastructure

10 +

HP & IBM  
High-End Servers

1000+

HP & Lenovo  
Computers

iLab

iMac, MacBook,  
Mac Mini, iPad, iPhone

aLab



















High-End HP  
All-in-One

IoT Lab

Raspberry Pi, Arduino  
Species & Sensor Kits



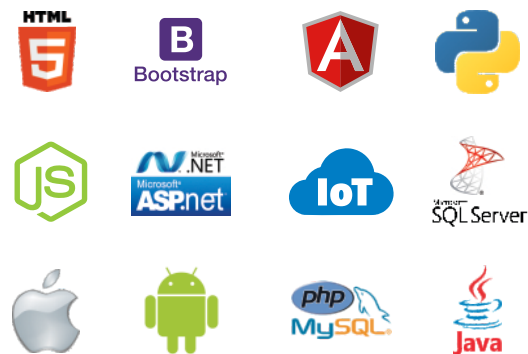
## Prominent Alumni

 <b>Aghera Bhagyesh</b> Software Engineer 	 <b>Tilak Namrata</b> Senior iOS Developer 	 <b>Kanakkhara Mayank</b> Senior iOS Developer 
 <b>Ramani Santosh</b> Software Engineer 	 <b>Kothari Niti</b> PS Consultant 	 <b>Sinroja Krishna</b> Software Engineer 
 <b>Jadeja Dharamveer</b> Blockchain Developer 	 <b>Rupareliya Naman</b> Software Developer 	 <b>Bhalodiya Monik</b> Sr. Software Developer 

## Apps, Software & Web Development Center (ASWDC)



- ASWDC is Apps, Software and Website Development Center established by Computer Engineering Department. Students are given extensive training of selected programming languages using latest cutting edge technology.



Darshan University is the **only University in Gujarat** which runs ASWDC that manages industry standard **Google Play Store & Apple App Store** Accounts

## Scan QR Codes



About Program



Diploma Ready Reckoner



Computer Labs



Google Play Store



Apple App Store



Campus Video



**Darshan**  
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### University Campus

📍 Rajkot-Morbi Highway,  
Rajkot-363650.  
☎ 9727747310 / 11  
🌐 www.darshan.ac.in

### Counseling Centre

📍 401, Lotus Arcade, 8-Royal Park,  
Between KKV Circle & Indira Circle  
150 Ft. Ring Road, Rajkot-360005.  
☎ 9978918186, 9429794513