



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 many rapidly growing fields such as Artificial Intelligence, Machine Learning, Big Data, Internet of Things (IoT), Blockchain (used in cryptocurrency), etc.

This program is the best suited for the students willing to pursue a career in the ever growing IT industry.



Diploma Engineering in Computer

- Highly qualified, well-experienced, and dedicated faculty members.
- 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 beyond the curriculum.



Syllabus

Semester-1

- Mathematics – I
- Basic Physics
- C Programming – I
- Computer Peripherals
- Web Designing – I
- Indian Constitution
- Induction Program

Semester-2

- Mathematics – II
- Foundational English
- C Programming – II
- Database Management System – I
- Web Designing – II
- Environment Studies

Semester-3

- Fundamental of Electronics
- Computer Network
- Database Management System – II
- OOP with Java
- Data Structure
- Professional Communication
- Indian Knowledge System

Semester-4

- Office Automation Tools
- Operating System
- PHP and WordPress
- Python Programming
- Life Management & Human Values
- Open Elective – I

Semester-5

- Mobile App Development using Flutter
- Software Engineering
- Professional Elective – I
- Professional Elective – II
- Capstone Project - Part I

Semester-6

- Computer Organization and Architecture
- Professional Elective – III
- Capstone Project - Part II
- Career Orientation

Electives:

ASP.Net, UI/UX Designing, IoT, Cyber Security, Javascript Frameworks, Banking System, Fundamental of Civil Engineering, Energy Conservation and Audit, Mechanical Engineering Concepts and Applications



Skill Development Activities



Web Development Using PHP & MySQL



App Development Using Android



Hardware Workshop



Python Workshop



Project Exhibition



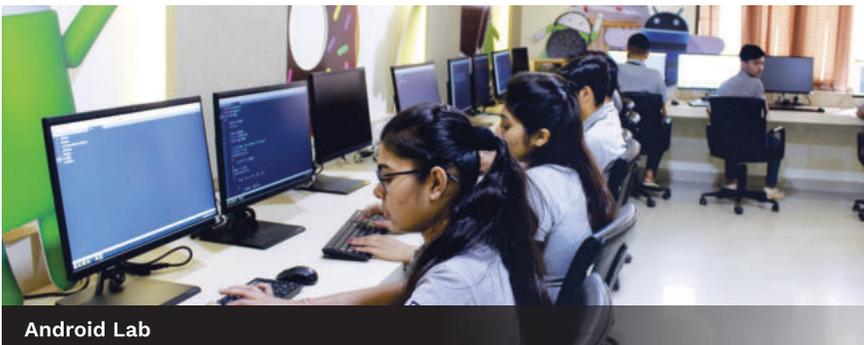
Poster Presentation



Lab Infrastructure



IoT Lab



Android Lab



iPhone Lab



IT Infrastructure

10 +

HP & IBM
High-End Servers

1700+

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

Apps, Software & Website Development Center



- ASWDC is established by School of Computer Science. Students are trained in selected programming languages using latest cutting edge technology. Students develop industry standard applications & experience professional environment under the guidance of experts.
- ASWDC also acts as an Entrepreneur Development Cell (EDC) where ideas of students are nurtured, cultivated and transformed into real world applications which are beneficial to the society.
- 105+ Android Apps, 50+ iPhone Apps, 40+ Websites are professionally developed by the students and published on Google Play Store, Apple App Store, etc. These apps are integrated with Google AdMob and Google AdSense for the monetisation purpose.

Top Recruiters



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RECESSION **PROOF**



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University Campus

- 📍 Rajkot-Morbi Highway, Rajkot – 363650
- ☎ 7096979952 / 62
- 🌐 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