

## What is MCA?



Master of Computer Applications (MCA) is a two-year post-graduate technical professional program that aims to groom the software development skills of the student. The program focuses on various aspects of software development like programming languages, database designing, software architecture, etc. It nurtures students to work in the IT industry for different job roles like Software/Web/Mobile App Developer, Full Stack Developer, Front End Designer, etc. MCA is the best choice for aspirants looking for a bright career in ever demanding IT sector.

## The MCA Advantage

#### Technical Professional Program



MCA is a Professional course based on technological skills that increases career opportunities. Being a professional program, after completion, students become industry-deserved aspirants.

### **Cutting Edge Learning**



IT sector is fast-growing that disrupts all sectors of the old economy. Cutting-edge technological learning ensures a bright future for the next decades. MCA curriculum focuses on next-generation programming languages and applications.

### Good Scope for Early Placement



There are 500+ IT Companies in Rajkot with 5000+ IT Professionals. 5000+ IT Companies in Ahmedabad, 2000+ IT Companies in Vadodara. In total overall recruitment of 15000+ IT professionals every year from various colleges across Gujarat.

#### Universal Opportunities



Job opportunities are from local to global. From Rajkot, Ahmedabad, and Vadodara to Mumbai, Pune, Bengaluru to the USA, UK, Canada, etc. Indian IT graduates are recognized and accepted worldwide. They are the building block of many MNCs.

#### Tremendous Career Growth



With the advancement of the IT sector in Rajkot and Saurashtra, the demand for MCA graduates increases exponentially. The initial salary scale varies from 15,000 to 30,000 per month. After some experience, sky is the limit.

## Job Roles After MCA



- Software Developer
- Web Developer
- Mobile App Developer
- · UI/UX Designer

- · Web Designer
- Software Tester
- Quality Assurance
- Database Engineer
- BDE / BDA
- Software Architect
- · Software Consultant
- Game Developer

## MCA @ 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 the entrepreneur.
- More than 85% Placement track record by School of Computer Science since 2013.

## IT Infrastructure

10 +

HP & IBM High End Servers 1500 +

HP & Lenovo Computers iLab

Apple App Development Lab IMac, IPad, iPhone aLab

Android App Development Lab Lenovo All-in-One IoT Lab

Raspberry PI, Arduino Sp & Sensor Kits

# Syllabus

#### Semester-1

- Database Management System
- Object Oriented Programming with Java
- Fundamental of Accounting
- Web Technology I
- Professional Communication I

#### Semester-2

- Data Structure
- Software Engineering
- Mathematics for Computer Application
- Web Technology II
- Professional Communication II

#### Semester-3

- Introduction to Advanced Technologies
- Python Programming
- Professional Elective I
- Professional Elective II
- Professional Elective III

# Professional Electives

- · Computer Networks
- · PHP
- Web Programming using .NET
- Distributed OS
- Mobile App Development using Flutter
- Project Management Tools
- · Computer Algorithm
- Digital Marketing & SEO

#### Semester-4

· Capstone Project / On the Job Training

Education is not preparation for life

Education is life itself.

- John Dewey

## **Key Faculties**



## Dr. Gopi B. Sanghani

Dean, School of Computer Science Ph.D. (Machine Learning), M.E. (C.E.) 24 Years Experience

Dr. Gopi Sanghani has completed B.E. in Computer Engineering from DDIT Nadiad, M.E.(CE) from BVM Vallabh Vidyanagar and Ph.D. from Nirma University in the field of Text Mining using Machine Learning Techniques. She has contributed to executing various academic and administrative strategies to achieve departmental goals and initiatives. She has guided various research projects at both Under Graduate and Post Graduate Levels. She has published several International Conference and Journal Papers in the domain of Machine Learning & Al.

She successfully coordinated several workshops and training programs for students and faculties.



### Prof. Swati R. Sharma

HOD, MCA Ph.D. (Pursuing), M.Tech. (CSE) 16 Years Experience

Prof. Swati Sharma is working as Assistant. Professor in the Computer Engineering department since May 2013. She had completed B.E (Computer Engineering) in 2008 from AITS-Rajkot, M.Tech(Computer Science) in 2013 from Nirma University-Ahmedabad with a specialization in the area of Network Security. She is currently involved in teaching Object Oriented Programming and Microprocessor. Her area of Interest is Java programming, Android programming, Computer Architecture, Microprocessor, and UML Modelling. She is also a member of the Android Development Team at ASWDC. Her area of specializations are Ad-hoc Network, Intrusion Detection and Java.

# **Key Faculties**



Maulik Trivedi

- Ph.D. (Pursuing), M.Tech. (C.S.E.)
- 5 16 Years Experience
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- 9998265805
- Wireless Network, Network Security



Firoz Sherasiya

- = Ph.D. (Pursuing), M.E. (C.E.)
- 19 Years Experience
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- C. Database Management System



Mayur Padia

- # M.E (C.E.)
- 16 Years Experience
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- Android, UI/UX Design, C



Umesh Thoriya

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- Image Processing



Jayesh Vagadiya

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- IOS Programming, Machine Learning



Mehul Bhundiya

- M.E. (C.E.)
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- Android, Flutter



Raj Gondaliya

- M.E. (C.E.)
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- Android, Java, Flutter



Shruti Maniar

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- Data Structure, Python



Dharmik Vasiyani

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- Java, Bootstrap, React, Node



Devangi Kotak

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- C, Java



Madhuresh Fichadiya

- M.E. (pursuing), B.E. (C.E.)
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- ASP.NET, C, C++



Deep Padaliya

- = MCA
- 1 Year Experience
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- Database System; Data Mining

## 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. After that, they develop industry standard applications & experience professional environment under the guidance of industry experts & faculty. ASWDC bridges gap between university curricula & industry demands.



Carn while you learn

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.

#### Technologies we work





























### Projects @ ASWDC

A few popular apps are Admission Apps (Engineering, Medical\Paramedical, IIT, NIT, Diploma, D2D, ME \ MTech. MBA, MCA, NIFT, etc.). 7th Pay Calculator, Typing Speed Test, GTU MCQ, GUJCET MCQ, Learn SQL, SpeedoMeter, EMI Calc, RTO Driving Licence Test, Income Tax Calculator, etc.

















Projects developed & deployed

Projects under development



# **Technical Activities**







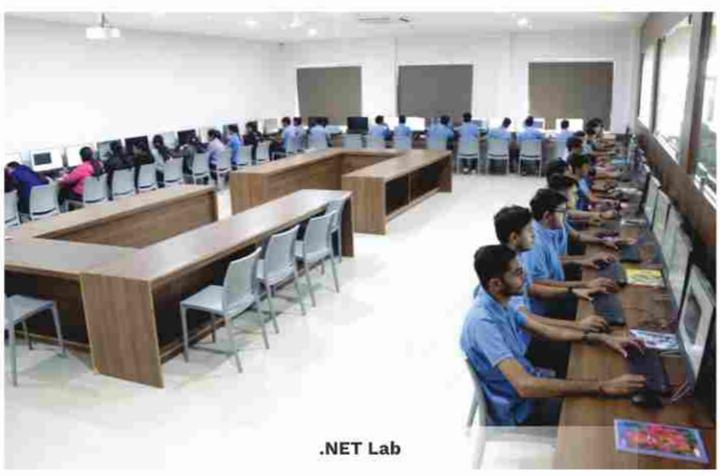
# Lab Facilities





# Lab Facilities





## **Placement Statistics**

			2023	2024	2025
	Registered	>	17	31	48
OF SIR	Placed	>	16	25	40
0	Placed Percentage	>	94.12%	80.65%	83.33%
A	Highest Package	>	3.60 LPA	5.00 LPA	4.00 LPA
iáÍ	Average Package	>	2.46 LPA	2.37 LPA	2.20 LPA
	No. of Companies	>	13	22	50

<sup>\*:</sup> Placement of 2025 is ungoing.

# Top Recruiters

















































































## **Placement Statistics**









Varsada Janvi

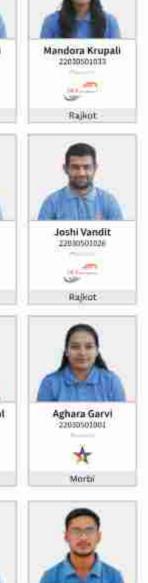
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JeeMam



22030501046





**Bhalara Yashvi** 

22030301006

Rajkot

















# Scan QR Codes



MCA Program



Institute of Computer Applications



Computer Labs



Google Play Store



Apple App Store



Campus Video





#### **University Campus**

- ◆ Rajkot-Morbi Highway, Rajkot – 363650
- C 7096979952 / 62
- www.darshan.ac.in

#### Counseling Centre

- 9 401, Lotus Arcade, 8 Royal Park, Between KKV Circle & Indira Circle 150 Ft. Ring Road, Rajkot - 360005.
- C 9879879861, 9898188771