

# A. Y. Dadabhai Technical Institute, Kosamba

## Report

ON  
**EXPERT LECTURE**  
BY  
**Mr. Dhiren Patel,**  
Trainer,  
TOPS Technologies, Surat

26<sup>th</sup> September 2024



Organized by

**Computer Department**



**A. Y. Dadabhai Technical Institute, Kosamba**  
Mahuvej Road, At & Po. Kosamba (R.S),  
Dist: Surat

## Details of Expert Lecture on " CAREER IN IT "

**Date:** September 26, 2024

**Venue:** A.Y. Dadabhai Technical Institute, Kosamba

**Organized by:** Computer Department, A.Y. Dadabhai Technical Institute

**Speaker:** Mr. Dhiren Patel, Trainer, TOPS Technologies, Surat

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### Introduction

On September 26, 2024, the Computer Department of A.Y. Dadabhai Technical Institute organized an expert lecture on " CAREER IN IT." The session was aimed at providing students with valuable insights into the various career paths and opportunities available in the Information Technology (IT) sector.

### Objectives

The primary objective of the session was to:

- Introduce students to the diverse career options in IT.
- Provide an overview of industry trends, required skills, and job prospects.
- Motivate students to plan their academic and professional careers early.

### Content of the Lecture:

The lecture covered various key aspects of building a career in the IT sector, including:

1. **Introduction to IT Industry:**
  - Overview of the global and Indian IT industry.
  - Current trends such as AI, cloud computing, cybersecurity, and big data.
2. **Career Opportunities:**
  - Software development, networking, cybersecurity, database management, and system analysis.
  - Importance of coding skills, database knowledge, and emerging technologies.
3. **Skill Development:**
  - Essential technical skills: Programming languages (Python, Java, etc.), database management, and software tools.
  - Non-technical skills: Communication, problem-solving, and teamwork.
4. **Future Prospects and Challenges:**
  - Growing demand for IT professionals and how students can prepare to meet industry expectations.
  - Challenges in the IT industry and the need for continuous learning and upskilling.

**DATE: 26/09/2024**

## **Expert Lecture on "CAREER IN IT"**

A.Y. Dadabhai Technical Institute, Kosamba aims to cater the society with skilled manpower and Efficient team members. Institute believes in total improvement of each students. Since 2009 Computer Department of A.Y. Dadabhai Technical Institute has served many scholar students to the society. Today's Era is Computer and Internet Era.

Hence we, at Computer Department planned the Expert Lecture on **CAREER IN IT** for 1<sup>st</sup> semester students on 26<sup>th</sup> **September 2024**. We invited **Mr.Dhiren Patel ,Trainer,TOPS Technologies, Surat** to deliver the Useful Information and Make the Students aware about the Different Courses running in tops technologies as well what are the most popular technologies in the world currently. He introduces the basics of all cutting edge technology in the field of Android.

He discussed about the how Information Technology plays a vital role in modern industries, such as healthcare, finance, education, and entertainment, latest technologies driving the IT sector, like Artificial Intelligence (AI), Machine Learning (ML), Cloud Computing, Blockchain, Internet of Things (IoT), and Cybersecurity. Talk about roles in IT consulting, project management, and IT service management (ITSM). Discuss the importance of learning languages like Python, Java, C++, and JavaScript. Problem-solving, logical thinking, effective communication, teamwork, and adaptability are crucial in IT careers. Discuss specific roles like full-stack developers, AI engineers, cloud engineers, and security experts that are highly sought after in the job market. Emphasize the increase in remote and freelance IT opportunities, and how this trend is reshaping the industry. Share insights on salary trends for entry-level and experienced professionals in different IT domains.

This Session has opened up many horizons among Student's mind, specifically to choose their Career. All the Students get the how the work going on IT sector.

Overall the purpose for organizing this Expert Lecture is fulfilled completely. Student had cherished this experience and also showed their interest to attend further workshops in their curriculum. The lecture was highly informative and well-received by the students. The expert's real-world insights helped students gain a better understanding of the career opportunities in IT.

## Glimpse of the Seminar

