

2022 - 23

Newsletter



A.Y.Dadabhai Technical Institute

Trusted To Deliver Excellence

MANAGED BY: THE SURATEE SUNNI VOHRA MUSLIM EDUCATION SOCIETY, SURAT.

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CodeVista

Unveiling talent, technology, and thoughtful solutions



Computer Engineering
Department



About Institute

Overview:

A.Y. Dadabhai Technical Institute (AYDTI) is a premier polytechnic institute located in Kosamba, Surat District, offering top-notch technical education to students aspiring to excel in engineering and technology. Established under the management of The Surtee Sunni Vohra Muslim Education Society (Reg No: F-14), AYDTI is dedicated to fostering innovation, skill development, and academic excellence.



Why to choose us?

- Advanced Laboratories with 200+ computers
- Smart Classrooms
- Effective Use of ICT (Video Lectures, Presentations, Charts, Models)
- Knowledge Enrichment through NPTEL, Guest Lectures, Seminars...
- Periodical Industrial Visits
- 24 Hours RO purified drinking water
- Internet Facilities with 100 Mbps speed
- Printing Facilities at reasonable price
- Facility for Indoor & Outdoor Games
- Dedicated Scholarship Cell

Our Credentials

- **Approved By:**
 - All India Council for Technical Education (AICTE), New Delhi.
 - (Permanent ID: 1-404292091)
- **Affiliated with:**
 - Gujarat Technological University, Ahmedabad.
 - Institute Code: 601
- **Accredited by NBA:**
 - All four programs
 - Civil
 - Mechanical
 - Computer
 - Electrical Engineering
- **Ranked by GSIRF:**
 - Recognized for academic excellence and infrastructure.
- **IIC Registration:**
 - A.Y. Dadabhai Technical Institute (AYDTI) is registered in the IIC portal with IIC ID: IC202217034.
- **AISHE Code:** C-364
- **National Scholarship Portal ID:** GJ-C07106

VOLUME INSIDES

1. Vision, Mission, PEOs
2. Industrial Visits During A.Y. 2022 - 23
3. Expert Lectures During A.Y. 2022 - 23
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5. Faculty Corner
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7. Project Competition - "PRAKALP"
8. Exam Results - List of Toppers

"Knowledge is power, but enthusiasm pulls the switch."

- Ivern Ball



About Computer Engineering Department

HOD's Desk



Dear Readers,

It is a matter of pride to present the latest edition of the departmental newsletter, reflecting the academic and co-curricular advancements of the Computer Engineering Department. Our department consistently aims to foster a rigorous learning environment, integrating foundational theory with hands-on technical practice.

We are focused on delivering a curriculum aligned with Outcome-Based Education (OBE), encouraging innovation, problem-solving skills, and professional ethics among our students. The department actively organizes workshops, seminars, expert talks, and industry collaborations to enhance practical exposure.

I take this opportunity to express my sincere appreciation to our faculty members, students, alumni, and industry collaborators for their continued support. We remain committed to academic excellence, technological relevance, and holistic development.

Warm regards,
Mr. N.C. Tailor

Vision:

To develop the department into an advanced Centre of learning to train its students to become computer engineers for contributing towards ever changing needs of the digital world in an effective manner.

Mission:

- Provide knowledge and skills in accordance with ever changing trends in the market through effective pedagogies and hands on experience on latest tools and technologies.
- Encourage engineers for innovation and entrepreneurship through lifelong learning capabilities to fulfill transitional global needs of modern society and industry.
- Enforce crystalline policies and effectively manage multidisciplinary activities for the benefits of all stake holders.

Programme Educational Objectives

PEO-1: Preparation:

- To educate diploma graduates having strong basic fundamentals, field knowledge and technical skills which is necessary for employment or higher education

PEO-2: Professionalism:

- To prepare undergraduates having understanding and appreciation of strong professional ethics and values, social responsibility, effective communication and leadership skills to become productive engineers both as individuals and in team environment.

PEO-3: Lifelong Learning:

- To prepare committed diploma graduates capable of adopting new technologies and elevate their skills through professional practice, further education and training towards lifelong learning.

Department Stat(s):

1. **Year of Establishment:** 2009

2. **Intake: 2009 to 2021:** 60 Seat(s) || 2022 to till date : 120 Seat(s)

3. Infrastructure Detail(s):

- Classrooms: 06
- Laboratories: 09
 - Computer Center
 - Computer Center (New)
 - Computer Lab – 1
 - Computer Lab – 2
 - Computer Lab – 3
 - IOT Lab
 - Basic Electronics Lab

4. Faculties:

Teaching: 07 || Non-Teaching: 03

**Industrial Visit(s)**

| Sr. No: | Date | Batch | Industry Name | Subject for which visit organized | Sem | No.of participants |
|---------|--------------|-------|-----------------|--|-----|--------------------|
| 1 | Sep 23, 2022 | 2020 | TOPS TECHNOLOGY | Industrial work culture and recent trend | 5th | 42 |



**Expert Lecture(s)**

| Sr. No: | Date | Topic | Expert name | Expert Details | Sem | No.of participants |
|---------|--------------|------------------------------------|---------------------------------------|---------------------------------|-----|--------------------|
| 1 | Apr 8, 2023 | DIGITAL MARKETING | Ms. Umar Memon | Developer - The website factory | 2nd | 118 |
| 2 | Jun 10, 2023 | PROFESSIONAL PROGRAMMING TOOLS | Mr. Raj Yadav | Developer - Tops Technologies | 2nd | 123 |
| 3 | Apr 8, 2023 | NODE JS | Mr. Himanshu Prajapati | Founder - Techomax Solution | 4th | 58 |
| 4 | Mar 31, 2023 | DATA SCIENCE | Mr. Raj Yadav | Developer - Tops Technologies | 4th | 52 |
| 5 | Mar 31, 2023 | BLOCKCHAIN TECHNOLOGY | Dr. Dhaval Jadhav | Founder - Elixer Ocean Ltd | 6th | 43 |
| 6 | Feb 11, 2023 | DATA ANALYTICS | Mr. Raj Yadav | Developer - Tops Technologies | 6th | 45 |
| 7 | Nov 12, 2022 | ADVANCED HTML AND CSS | Mr. Raj Yadav | Developer - Tops Technologies | 1st | 115 |
| 8 | Oct 8, 2022 | CAREER IN IT | Mr. Raj Yadav | Developer - Tops Technologies | 1st | 120 |
| 9 | Dec 30, 2022 | Advance Concept - Bootstrap | Ms. Disha Patel Mrs. Ani Raval | Developer - Techomax Solution | 3rd | 52 |
| 10 | Nov 15, 2022 | Python | Ms. Umar Memon | Developer - The website factory | 3rd | 50 |
| 11 | Sep 3, 2022 | PYTHON WITH DJANGO FRAMEWORK | Shaikh Hussain | Sr. Developer - TWFL | 5th | 42 |
| 12 | Aug 10, 2022 | Advance Android Concept - Firebase | Ms. D. R. Bhil, Ms. S.H. Prajapati | Developer - Techomax Solution | 5th | 40 |



A.Y.DADABHAI TECHNICAL INSTITUTE

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2022 - 23 Edition

Expert Lecture (Photo Galery)



Computer Engineering Department



Student's Activities

- During the academic year 2022–2023, students of A.Y. Dadabhai Technical Institute, Kosamba actively engaged in a wide range of co-curricular and extracurricular activities that contributed to their all-round development.
- Technical events such as expert lectures, hands-on workshops, coding competitions, and project exhibitions were organized to enhance their practical knowledge and problem-solving abilities.
- Industrial visits were conducted to bridge the gap between academic learning and industry practices.
- Apart from academics, students enthusiastically participated in various cultural events, sports competitions, celebration of national festivals, and awareness campaigns on issues like environmental conservation and digital literacy.

- **World Environment Day**
- **International Yoga Day**
- **International Youth Day**
- **Teacher's Day**
- **Engineer Day**
- **Independence Day**



STUDENTS CORNER



World Environment Day Celebration

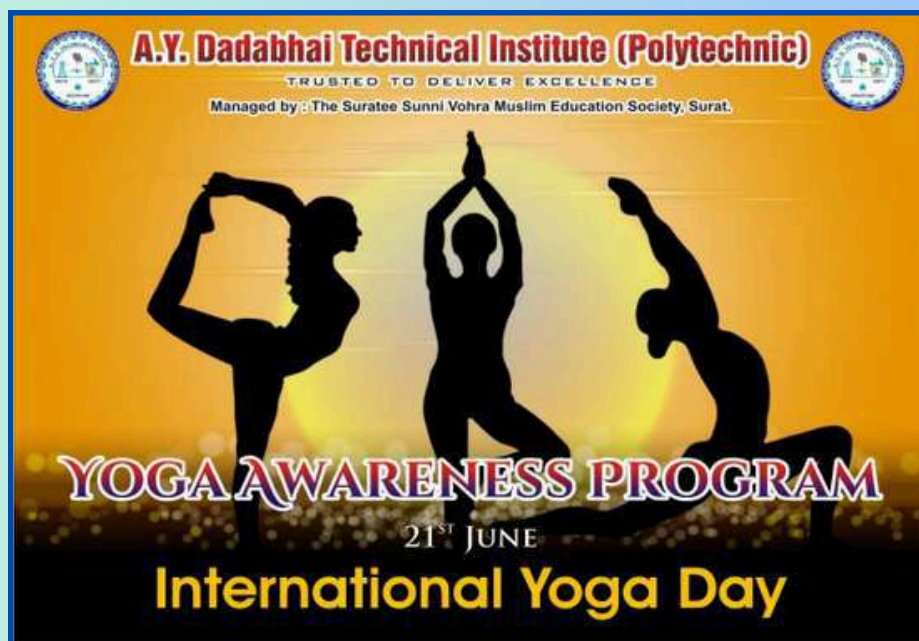
- On 5th June 2023 at A. Y. Dadabhai Technical Institute, Kosamba, celebrated the World Environment Day.
- The theme selected by UNEP for the year 2023 was "Connecting people to Nature". We had organized different activities like Drawing competition, Plantation and Awareness program on this occasion.
- We had started drawing competition at 9:00 am on theme of World Environment Day.
- Total 53 students of all departments took part in this competition.
- All the drawings were judge by the committee members and they had decided 3 winners of the competition.





International Yoga Day

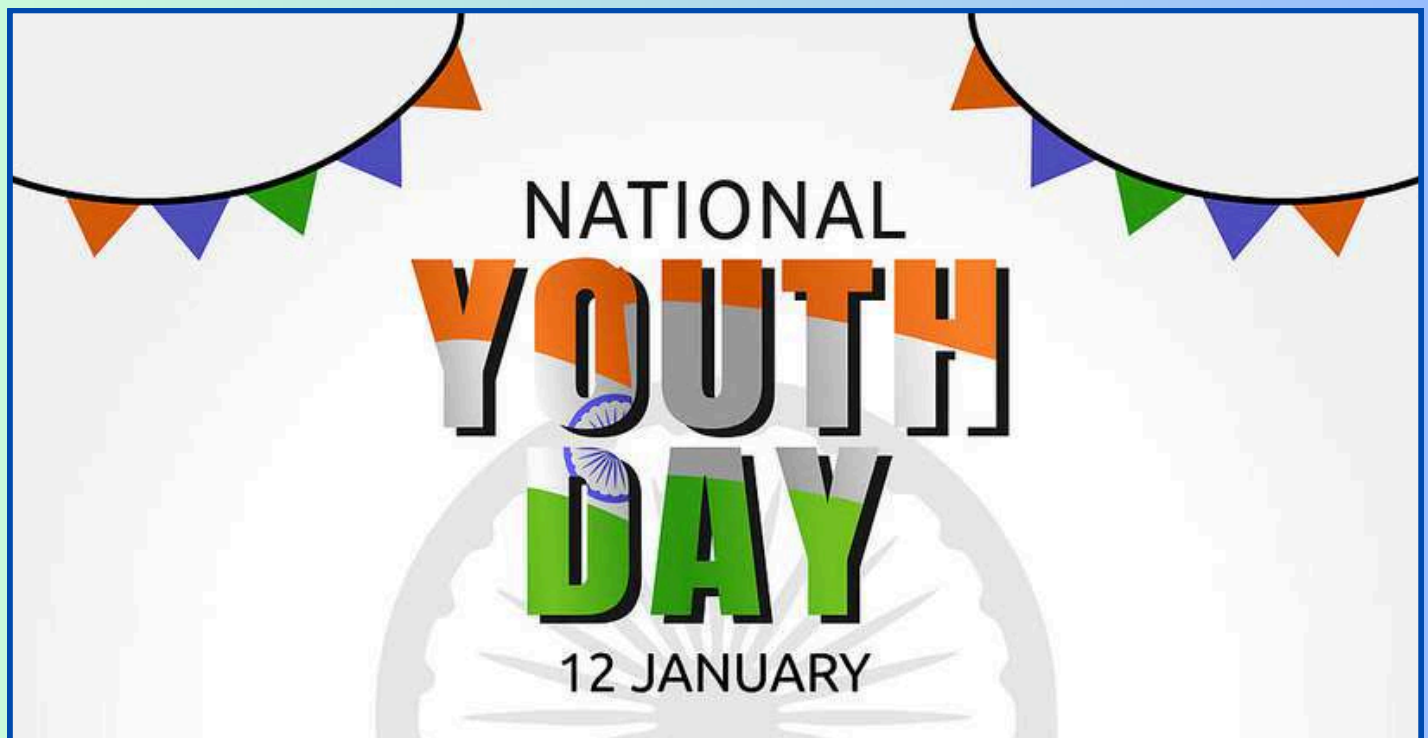
- On 21st June 2023 at A.Y.Dadabhai Technical Institute, Kosamba, had arranged "Yoga Shibir" for 1st year students of diploma engineering at Seminar Hall of "B" wing.
- This year, the theme for International Yoga Day 2023 is 'Yoga for Vasudhaiva Kutumbakam,' effectively encapsulating our collective aspiration for 'One Earth, One Family, and One Future.'
- Ministry of AYUSH has chosen this theme for the 9th International Day of Yoga 2023 to be organized in India and across the globe on June 21, 2023.
- On this occasion, we had invited the famous personality Mr. KEYUR V. MODI (Yoga Trainer). He is currently associated with Innovation Fitness Gym and Yoga Institute.





National Youth day

- To commemorate the birth anniversary of Swami Vivekananda, the National Youth Day was celebrated with great enthusiasm and energy on 12th January.
- The celebration featured motivational speeches, quiz competitions on Swami Vivekananda's life, student performances, and a pledge to uphold youth ideals. Students actively participated, reflecting the spirit of unity, knowledge, and dedication. The event concluded with a message to all students to "Arise, awake, and stop not till the goal is reached."





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Teacher's Day Celebration

- A.Y. Dadabhai Technical Institute, Kosamba celebrated Teacher's Day on 5th September 2022 with enthusiasm and respect.
- The event began with a tribute to Dr. Sarvepalli Radhakrishnan, followed by cultural performances and heartfelt speeches by students.
- Teachers were honored with small tokens of appreciation and words of gratitude.
- The Principal and faculty members shared inspiring messages about the importance of the teaching profession.
- The celebration highlighted the strong bond between students and teachers, creating a warm and memorable atmosphere.



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All faculty members and students are cordially invited!...

Teacher's Day Celebration

 Date: 5th September 2022

 Time: 10:00 AM onwards

 Venue: 46, Computer Lab 1

? Organized by: Computer Engineering Department

"A good teacher is like a candle – it consumes itself to light the way for others." 

Happy Teacher's Day!...





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2022 - 23 Edition

Engineer's Day Celebration

- A.Y. Dadabhai Technical Institute, Kosamba observed Engineers' Day on 15th September 2022 to commemorate the birth anniversary of Sir M. Visvesvaraya.
- The celebration featured engaging activities like classroom experience by conducting lectures.
- The objective was to encourage innovation and technical thinking among future engineers.
- Faculty and invited guests delivered inspiring talks on the significance of engineering in today's world.
- The event ended with a prize ceremony and gratitude note, leaving a lasting impression on everyone present.






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Let's come together to commemorate the birth anniversary of Sir M. Visvesvaraya and celebrate the spirit of engineering innovation...

Engineer's Day Celebration

 **Date:** 15th September 2022
 **Time:** 11:00 AM onwards
 **Venue:** No-46, Computer Lab 1
Organized by: Computer Engineering Department

"Engineering is not only study of 45 subjects but it is moral studies of intellectual life." 🌸

Happy Engineer's Day!...





Independence Day

- The theme of Independence Day is 'Nation First, Always First.' The Central Government had started a 75-week countdown in March 2021 for celebrating the 75th anniversary of Independent India.
- They named it "Azadi ka Amrit Mahotsav" which will conclude next year on August 15, 2023.
- The independence day of India, the ceremony of honesty, the ceremony of pride, the ceremony of freedom has celebrated in whole India. Impart of that, the national independence day was celebrated in A. Y. DADABHAI TECHNICAL INSTITUTE, with full grace and petriotism.



**Faculty Corner**

We are proud to share the academic and professional achievements of our esteemed faculty members for the academic year 2022-2023. Below table shows the active participation & Involvement of the faculty members.

| SR. NO: | Staff Name | Organised By Institute / Organization | Topic Name | Days | Mode | FDP date |
|----------------|-----------------------|---|---|-------------|-------------|--------------------------|
| 1 | Mr. Abdulla M. Hans | AYDTI, Kosamba | Renewable Energy for Sustainable development of atm nirbhar bharat | 5 | Offline | 22-08-2022 to 26-8-2022 |
| 2 | Ms. Dipali K. Chauhan | JIS University | Next Generation Computing AI, Machine Learning and Cryptography | 5 | online | 08/05/2023 to 12/05/2023 |
| 3 | Mr. Mohsin S. Gangat | Goadavari College of Engineering, | Data Science and Machine Learning | 5 | online | 13/02/2023 to 17/02/2023 |
| 4 | Mr. Mohsin S. Gangat | Yashodha Technical Campus, Satara | Current Trend in Information Technology Sector | 5 | online | 20/02/2023 to 24/02/2023 |
| 5 | Mr. Mohsin S. Gangat | SKN Singhad Institute of Tehnology and Science | Advanced Tools, Emerging Trends and Techniques for Research Methodology | 5 | online | 27/11/2023 to 1/12/2023 |
| 6 | Mr. Mohsin S. Gangat | TechSaksham | AI Evolution: from foundation to Generative AI | 5 | online | 11/12/2023 to 15/12/2023 |
| 7 | Mr. Mohsin S. Gangat | Sarvajanik College of Engineering and Technology, Surat | Silicon Chip Design from Circuit to System | 5 | online | 11/12/2023 to 15/12/2023 |
| 8 | Mr. Sohel I. Patel | iBase Electrosoft LLP. | Industrial Certificate program for faculty on Machine Learning | 2 | online | 25/06/22 to 26/06/22 |



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FDP - Faculty Development Program Certificates



arm



This is to certify that

Mohsin Salim Gangat

from

A. Y. Dadabhai Technical Institute, Kosamba

has participated in the workshop

Designing and Modelling of IoT, AI & ML Systems

Organized by – All India Council for Technical Education (AICTE),
ATAL Academy, Arm Education and STMicroelectronics
from August 1st to 5th 2022

[Signature]

Mamta Rani Agarwal
Advisor-I,
ATAL Academy

[Signature]

Arnaud Julienne
Vice President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APAC, STMicroelectronics

[Signature]

Guru Ganesan
Managing Director and President,
Arm India

[Signature]

Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd



RANBHUMI-2022 "Sports Event"

- The sport committee is formed with the intention to develop the sports culture amongst the students.
- Sports team works under the guidance of Director Sir.
- It ensures that sports culture is developed amongst the students without hampering a daily academic routine of the students.
- The Sports event was organized by the students on 18th to 20th October 2022.
- It included 1 Outdoor Games and 5 Indoor Games with 651 boys and 90 girls' cumulative numbers of participants.

| Department | Total Students | Participant Students | % of Participant Students |
|------------|----------------|----------------------|---------------------------|
| Computer | 264 | 156 | 68.67% |

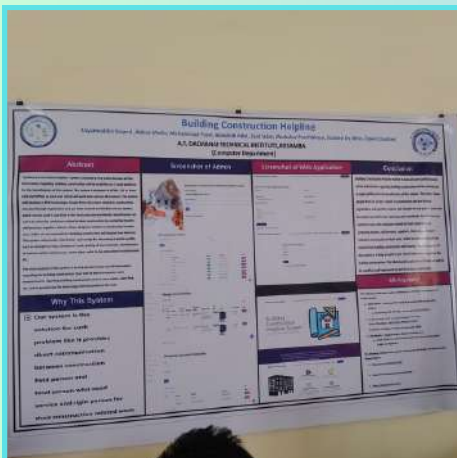




PRAKALP - 2023

"PRAKALP-2023" Project Competition

- Date: April 29, 2023
- Venue: A - Wing , Department Gallery
- Time: 09:00 AM to 12:30PM
- **Exhibited Projects:**
 - The exhibition featured a wide range of projects across various engineering disciplines.
 - Projects like:
 - "NGO Management System ,"
 - "College Management System," and
 - "E-Resource Solution" etc were showcased,
 - Highlighted developments in Php, Android and .Net framework.
- **Jury Members:**
 - Mr. Ritesh J. Patel Sr. Lecturer R.N.G. PIT(Polytechnic) Isroli
 - Mr. Umar Memon Founder & Partner The Website Factory London, Surat
- **Awards and Recognition:**
 - Rank 1 - [GROUP NO: 15 -NGO Management System]
 - Rank 2 - [GROUP NO: 05 -College Management System]
 - Rank 3 - [GROUP NO: 02 -E-Resource Solution]





Exam Result(s)

- The academic year 2022–2023 witnessed outstanding academic performance by our students in the GTU Summer 2023 Examinations.
- The students showed exceptional dedication and improvement, reflecting the department's commitment to quality education.

Winter - 22

| Semester | Total Students | Pass | Fail | Percentage |
|----------|----------------|------|------|------------|
| 1st | 136 | 69 | 67 | 52.27 |
| 3rd | 65 | 20 | 45 | 30.76 |
| 5th | 65 | 42 | 23 | 64.61 |

Summer - 23

| Semester | Total Students | Pass | Fail | Percentage |
|----------|----------------|------|------|------------|
| 2nd | 122 | 47 | 75 | 38.52 |
| 4th | 56 | 24 | 32 | 42.85 |
| 6th | 59 | 46 | 13 | 77.96 |

“Our results affirm the strength of our academic model. Through structured mentoring, real-world exposure, and consistent support, we empower students to perform their best.”

— Head of Department



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2022 - 23 Edition

Our Achievers

A.Y. Dadabhai Technical Institute

TRUSTED TO DELIVER EXCELLENCE

MANAGED BY

THE SURATEE SUNNI VOHRA MUSLIM EDUCATION SOCIETY, SURAT.

Topper
5th
Semester
Dec-2022

| | | | | |
|--|--|--|--|--|
| | | | | |
| Singh Shalini Udaypratap SPI : 10.00 | Tailor Fenny Bharatkumar SPI : 10.00 | Malek Madinabibi Abdul Vahab SPI : 10.00 | Bhardwaj Khushboo Sanjaybhai SPI : 10.00 | Quraishi Mohmedasad Mohmedarif SPI : 10.00 |

| | | | | | |
|----------------------------------|---|-------------------------------------|---|--|--|
| | | | | | |
| Khan Khushi Firoj SPI : 10.00 | Fatemabibi Akhtar Alishaikh SPI : 10.00 | Patel Hemil Bhavin SPI : 9.83 | Mulla Abbas Mohamedhanif SPI : 9.83 | Punatar Vishalbhai Sanjaybhai SPI : 9.83 | Shaikh Fuzail Ahmed Saeed Ahmed SPI : 9.77 |

Dept.
of
Computer
Engg.

- Computer Department settled 3rd Rank In all GTU - Colleges
- 5 students scored 10 out of 10 SPI

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)
KOSAMBA

COMPUTER ENGINEERING DEPARTMENT

TOPPERS DETAILS 6th SEMESTER (MAY-2023)

RANK 1st

SINGH SHALINI UDAYPRATAP
SPI : 10

TAILOR FENNY BHARATKUMAR
SPI : 10

PATEL HEMIL BHAVIN
SPI : 10

MALEK MADINABIBI ABDULVAHAB
SPI : 10

KHAN KHUSHI FIROJ
SPI : 10

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)
KOSAMBA

COMPUTER ENGINEERING DEPARTMENT

TOPPERS DETAILS 6th SEMESTER (MAY-2023)

RANK 2nd

FATEMABIBI AKHTAR ALISHAIKH
SPI : 9.77

KAPADIA MAHAMMED ZAID IRFAN
SPI : 9.77

PUNATAR VISHALBHAI SANJAYBHAI
SPI : 9.77

QURAISHI MOHMEDASAD MOHMEDARIF
SPI : 9.77

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)
KOSAMBA

COMPUTER ENGINEERING DEPARTMENT

TOPPERS DETAILS 6th SEMESTER (MAY-2023)

RANK 3rd

SHAIKH FUZAIL AHMED SAEED AHMED
SPI : 9.55

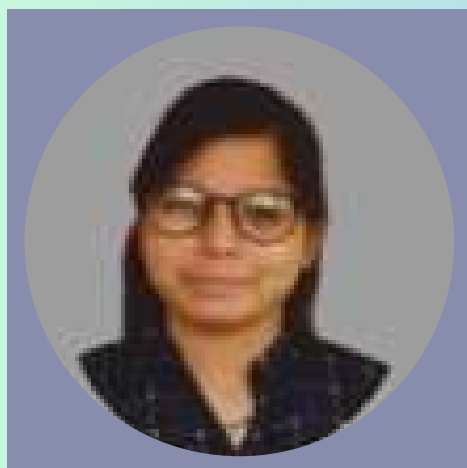
BHARDWAJ KHUSHBOO SANJAYBHAI
SPI : 9.55

PATEL SHAHISTA USMAN
SPI : 9.55



Testimonial(s)

- The Computer Engineering Department of A.Y. Dadabhai Technical Institute extends heartfelt wishes to all our alumni, especially those who graduated in Summer 2022. Your achievements in academics, careers, and further studies make us proud and reflect the spirit of excellence fostered at our institute. As you continue to grow and contribute to the world of technology, we hope you carry forward the values and skills nurtured here. Stay connected, keep inspiring, and know that you will always remain a valued part of our AYDTI family.



Ms. Salini Singh
Study In India
B.E. SVMIT ,Bharuch

"My journey at A.Y. Dadabhai Technical Institute laid a strong foundation for my career in software development. The dedicated faculty, hands-on lab sessions, and continuous mentoring helped me grow technically and personally. I'm grateful for the exposure to real-world projects and supportive learning environment."



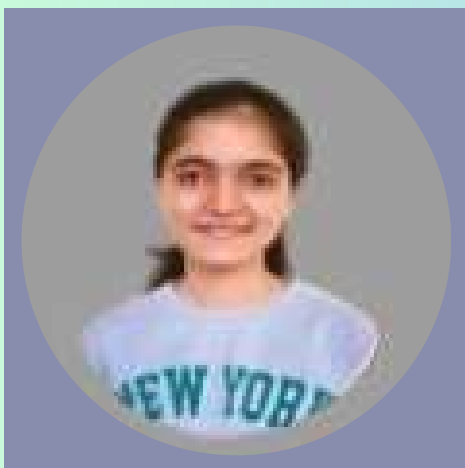
Mr. Mulla Abbas
Aborad Srtudy In Sheridan College,
Canada

"The Computer Engineering Department gave me the right mix of practical knowledge and soft skills. The guidance I received from my teachers and the emphasis on industry-relevant learning made me confident and job-ready. Proud to be an alumnus of this institute!"



Testimonial(s)

- We sincerely thank our esteemed alumni for taking the time to share their valuable testimonials and experiences with us. Your words not only reflect the positive impact of your journey at A.Y. Dadabhai Technical Institute but also serve as an inspiration to our current and future students. Your continued connection with the department strengthens our community, and we are proud to witness your growth and success. Wishing you all the best in your future endeavors!



Ms. Fenny Tailor

B.Tech P. P. Savani, Kosamba



Mr. Vishalbhai S Punatar

Serveravatar Cloud Technologies

"Diploma at A.Y. Dadabhai College was a turning point. The experience helped me discover my interest in coding and problem-solving. Regular workshops and supportive faculty encouraged me to aim higher and continue my education. Thank you for nurturing my passion for technology."

"The skills I learned here—HTML, CSS, JavaScript, and more—built my career as a freelance developer. Beyond academics, I learned teamwork, communication, and professionalism. The department's encouragement towards innovation made my diploma years unforgettable."