









Ranked By













A. Y. Dadabhai Technical Institute (Polytechnic)

Managed by : The Suratee Sunni Vohra Muslim Education Society, Surat.

Kosamba - Mahuvej Road, Kosamba-394120. (Guj.) Dist. Surat.

Mob.: +91 90990 63201

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MILESTONES OF 2008-2023

2500+ Pass Out Students

Faculties 40+

750+ Current Students

20+

MoUS with Industries



Institute Starts with '4' Diploma Courses



- Online Exam Center Started Under NSEIT
- Software Development by Dr. Navin Sheth Vice Chancellor of Gujarat Technological Result of VI Sem (May-2019) is 85.57% Inauguration of Vocational Diploma in Pedagogical Innovation Award by GTU
 - GTU Innovation council award
 'Rahein' Second Edition Published
 Campus by brakes India Ltd.

liploma in computer with 60 seats and intake of mechanical increase

rom 60 to 120

Intake increase with new course

- (Electrical Department) 1st Rank in GTU

 Due to COVID Situation Online Study & Online Gold Medal to Mr. Mulla Yunus Iqbal

Announcement of 'Tejaswini' Scholarship for girls

GTU Innovation council award

Inauguration of PMKVY-TI Courses approved by AICTE

'Prakalp' The Project Competition starts

in GTU for first semester Exam with more than 7.00 SPI

Second rank in all over gujarat

- 100% Result of All Department in Both Summer & Winter Exam
- got First Rank in All Branch of Diploma Engg. & also awarded Gold Medal from GTU Online Exam centre for NSEIT-Mumbai Miss. Varma Sapna of Computer Dept

 First batch pass out with 145 students Three short term courses start under

community polytechnic wings.

 Successful NBA Accreditation - All the Four Dept. of Institute Accredited up to 2025 Fourth Rank in South Gujarat. Result of Institute - 98.97% GSIRF Ranking Award.

- Dr. Akshay Agrawal & 48 industry took part Industry Academia meet in which Hon. VC Establishment of T&P Cell and WID cell Sports week "Ranbhumi" starts,
- Inauguration of ext. centre for Skill Developmen ration of ADM. Building by Shri, Ahmedbhai Patel (siness Promoting cell under CED was setup 'Rahein' 4th Edition Published
- Gold Medals to (1) Narvade Kiran (Mechanical) Virtual Lab Project Started in Collaboration 2022

(2) Hajira Idrisi (D. Voc)

TRUSTED TO DELIVER EXCELLENCE



A.Y. Dadabhai Technical Institute (Polytechnic) Kosamba

Managed by: The Suratee Sunni Vohra Muslim Education Society, Surat.





Welcome to the 6th Issue of "Rahein - Path to Glory " The Annual Magazine of A.Y. Dadabhai Technical Institute. We feel highly elated & privileged in bringing 6th issue which is an assemblage of literary contribution and glimpse of our journey.



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Society / Trust

Editorial Board

Messages

Institute Profile

- (i) Vision / Mission
 - 1. **OBE**
 - 2. NBA GSIRF
 - 3. Centralized Facilities Library
 - Workshop
 - Computer Center / Online Test
 - Canteen
 - Play Ground
 - TPO
 - WID
 - 4. Department Profile
- Facilities
- Factulties
- Activities

Academic Excellence

Gold Medalist

Extra Activities

- Ranbhumi Cultural
- Prakalp ISTE

Social Activities

School Vocational Guidance

Media Mirror

Life at AYDTI Campus

The Suratee Sunni Vohra Muslim Education Society, Surat.

We express our co-hearted gratitude to our Philanthropists donors from all over the WORLD for their generous charities to THE **SURATEE SUNNI VOHRA MUSLIM EDUCATION SOCEITY**, **SURAT.**

We assure our Philanthropists that every penny paid to the society will be utilized rightly and judiciously for needy and the most deserving persons of the community. Since last 75 years the society is trying it's the best for the various heads and titles of charities.

- Scholarship to Primary, Secondary and Higher secondary students.
- Scholarship to Commerce, Science and Arts graduations.
- Financial support for Professional Education in Medical, Pharmacy, Engineering, Computer and Biotechnology etc.
- Financial help for Short term and Professional courses like motor driving, Tailoring etc for those who not interested in Higher Education.
- We are also providing scholarship for Diniyat education.
- Medical aid to poor and needy patients.
- Annual help to helpless widows.

Alhamdulillah, by the grace of Almighty Allah and with the sincere supported by our well wishers, donors and under the excellent guidance of our experts, co-workers.

The following is a glimpse of the help given by the Society in various fields in the year 2022-2023. (1/4/2022 to 23/03/2023)

Sr. No.	Details	No. of Beneficiaries	Amount in Rupees
1	Scholarship for Primary	1153	2066000
2	Scholarship for Secondary	282	879650
3	Scholarship for Higher Secondary and College	610	10719000
4	Scholarship for Technical Course (Short Term)	6	26500
5	Medical Help	13	78138
6	Widow Fund	1045	4074000
	Total	3109	17843288

Day by day the budget of Society is increasing, at the same time the needy persons also increasing.

The awareness and need of education also increase, at the same time the cost of education is increasing tremendously.

Our Society is also running the A.Y. Dadabhai Technical Institue, Kosamba Last 15 Years Successfully and residential School at kondh (Ankleshwar) and Al-Falah Girls Hostel Kholwad at the same time we are publishing the news paper (monthly) VOHRA

SAMACHAR regularly.



OFFICE BEARERS

Designation	Name	Village
President	Mohamed Mehmud Bhana Patel	Eklera
Hon. Gen. Secretary	Saeed Ahmed A. Kader Darsot	Ankleshwar
Treasurer	Mohmed Yusuf Suleman Unia	Navsari
Vice President (North Zone)	Mv. Soyab Yakub Bhaiyat	Sanjali
Vice President (Middle Zone)	Mehmood Haider Vorajee	MotaVarachha
Vice President (South Zone)	Yusuf Mia Mohamed Mayat	Rankuwa
Hon. Joint Secretary (North Zone)	Adam Ibrahim Panchbhaya	Dadhal
Hon. Joint Secretary (Middle Zone)	Mohamed Abubaker Ashraff	Rander
Hon. Joint Secretary (South Zone)	Ilyas AbdulHai Hans	Simlak

MANAGING COMMITTEE

Name	Village
Salim F. Patel (Chairman)	Alipor
Ahmed Mohmad Unia	Vadodara
Yusuf Issakji Patel	Kosamba
AbdulSamad I. Balesariya	Navapur
A. Samad Mohamed Ameji	Italwa
Soyab Yusuf Parekh	Baleshwar
Ahmed Ibrahim Mangera	Kangwai
Anver Mohamed Nanabawa	Surat
Musaji Ibrahim Balesariya	Navapur
Ahmed M. Amla	Surat

Name	Village
Yusuf G. I. Motala	Kosamba
Ashraf Ibrahim Pandor	Lajpor
ShabbirYakub Doba	Kathor
Ismail Davji Patel	Vadodara
Imran Faruk Bana	Tadkeshwar
Suleman Kasam Bharucha	Rander
Soyab Ibrahim Hafeji	Eklera
Yakub Gulam Mohamed Ravat	Ankleshwar
Shabbir Ahmed Patel	Umarwada
Mohammed Ismail Badat	Nani Naroli

NORTH ZONE

BOARD OF COUNCIL

MIDDLE ZONE

Name	Village
Ibrahim Sajibhai Meman	Mangrol
Adamji Yusuf Patel	Umarwada
Yusuf Mehmud Patel	Ankleshwar
Yusuf Yakub Jibhai	Kosadi
Aiyub Mohamed Jangda	Kharod
Firoj Hashim Mamuji Hathura	
Yusuf Mohamed Jeewa	Kosamba
Isaq (Chhota) Yusuf Master	Diwa
Abdul Zuber Aiyub Kika	Panoli
Mohammed Musa Patel	Mahuvej
Ziyad Suleman Ginwala	Kosamdi

Name	Village
Suleman Gulam Husen Amla	MotaVarachha
Ismail Mohamed Dindar	Kholvad
M. Iqbal A. Kader Patel	Kholvad
Mobin Mohamedali Galiyara	Bardoli
Ahmed Rashid Yusuf Patel	Bodhan
M. Umar Ahmed Adam	MotaVarachha
Dr. Zulkifbhai Manju	Surat
Musa Yusuf Bhaimiya	Variyav
Ad. Imran Abdul Huq Wadiwala	Bardoli
Imtiyaz Yakub Patel	Bodhan
Sohel Kasim Balesariya Navapur	

SOUTH ZONE

Name	Village
Ahmed Yusuf Delair	Vesma
Musa Yusuf Patel	Saraiya
Ibrahim Ahmed Ravat	Nasilpor
Hasan Ismail Mayat	Alipor
Zakariya Abdul Hai Bhana	Italwa
Suleman Ahmed Bhayat	Navsari
Salim Abdul Hai Fadiya	Dabhel
Mazher Ibrahim Saleji	Vesma
Yusuf Ismail Asvat	Jogwad
Imran Ibrahim Akudi	Alipor

OFFICE STAFF

Sr.No.	NAME	DESIGNATION	JOINING DATE	PLACE
1	Mr. Jiyauddin Aiyub Kazi	ASST. SECRETARY	27-08-1992	ANKDOD
2	Mr. Ismail Suleman Bharuchi	ACCOUNTANT	01-07-2010	KOSAD
3	Mr. M. Aslam Yakub Patel	CLERK (VOHRA SAMACHAR)	15-07-1997	ALUNJ
4	Mr. Ab. Vahid A. Kaiyum Ansari	CLERK (COMPUTER)	15-07-1997	KHOLVAD
5	Mr. Imran S. Pathan	CLERK	01-06-2004	UMARWADA
6	Mr. Hasim Kasim Hanslod	PEON	01-11-2019	KOSAD (AWAS)

THE SURATEE SUNNI VOHRA MUSLIM EDUCATION SOCIETY OFFICE BUILDING, SURAT





Ghoddod Road - SURAT : 0261 - 2295000 Gunjan Chokdi - VAPI : 0260 - 2427600

Sevashram Road - BHARUCH : 97268 03331 Station Road - KOSAMBA : 99782 80111



Mr. M.M. Dalchawal
Director
A.Y. Dadabhai Technical Institute



Dr. D. V. Patel
Principal
A.Y. Dadabhai Technical Institute



Mr. P.J. Surti Lect. Mech. Engg. Dept.



Mr. M.S. Dinath H.O.D. Elect. Engg. Dept.



Mrs. S. R. Manik Lect. Elect. Engg. Dept.

Dear Reader,

Greetings to you!

With immense pleasure, we put forward the 6th issue of momentous magazine " Rahein - Path to Glory 2023 "

This issue provided an insight into the ideology of the institute and delight in seizing distinguished journey of institute in past years.

Through this magazine, we are pleased and honoured to share with you the messages from the promoters of AYDTI from the field of education & industry. Enjoy the journey of pictures and images withing the pages that denote about events, activities & celebrations held in AYDTI.

We would like to please our gratitude and heartfelt thanks to the management, director & principal for giving support. Also to the members of editorial team for their assistance and seamless efforts in bringing out the magazine in a colourful way.

Your ganiune reviews are most welcome.

Write us at aydtech@yahoo.com
Happy Reading!

Complimentary Messages



Mr. Salimbhai F. PatelChairman,
The Suratee Sunni Vohra Muslim
Education Society, Surat.

Dear Members of A.Y. Dadabhai Technical Institute, It gives me immense pleasure to witness the 6th

edition of 'Rahein,' our institute's cherished magazine. This publication not only chronicles our journey but also reflects our unwavering commitment to education and innovation.

A.Y. Dadabhai Technical Institute has continually strived for excellence, and 'Rahein' stands as a testament to our collective efforts. As Chairman of the Trust, I am proud of the strides we've made in nurturing talent and fostering a culture of growth and inquiry.

Let us continue to empower our students with knowledge and skills, preparing them for the challenges of the future. I express my gratitude to the entire institute community for your dedication and support. I encourage you all to explore the pages of 'Rahein' and celebrate our achievements. Together, we will continue to elevate our institution to greater heights.



Mr. Bhana PatelPresident of Trust, The Suratee Sunni
Vohra Muslim Education Society, Surat.

A.Y. Dadabhai Technical Institute Family, As we eagerly anticipate the unveiling of another edition of

"Rahein," our beloved annual magazine, I am filled with a sense of pride and gratitude. "Rahein" is more than just a collection of pages; it's a vivid reflection of the dedication, innovation, and boundless potential that define our institution.

It's a testament to the incredible efforts of our exceptional faculty, who tirelessly nurture and mentor our students, helping them become the future leaders and innovators. I want to extend my deepest appreciation to our Principal, whose visionary leadership continues to steer our institution towards

excellence, and to our Director, whose unwavering support and commitment are instrumental in our journey.

"Rahein" encapsulates our journey of progress and achievement. It is a source of inspiration for our students, a showcase of our research and accomplishments, and a symbol of our collective dedication to excellence. As we eagerly turn the pages of "Rahein," may it remind us of our shared commitment to fostering a brighter future through education.

Let it inspire us to continue striving for greater heights, to innovate, and to make a positive impact on the world. Thank you for your continued dedication and hard work. Here's to another year of success, growth, and remarkable achievements.



Mr. Saeed DarsotSecretary of Trust, The Suratee Sunni
Vohra Muslim Education Society, Surat.

A.Y. Dadabhai Technical Institute Community, It gives me immense pleasure to address you as we

eagerly await the release of our annual magazine, "Rahein. "This magazine is more than just ink on paper; it's a testament to the passion, hard work, and dedication that characterize our institution. It's a reflection of our students' achievements, the tireless efforts of our faculty, and the visionary leadership of our Principal and Director. As Secretary of Trust, I have had the privilege of witnessing the remarkable progress we've made together.

"Rahein" encapsulates our journey, from our students' academic successes to the groundbreaking research conducted by our faculty. In these pages, you'll find stories that inspire, accomplishments that make us proud, and a sense of community that defines us. I encourage you to delve into "Rahein" and let it remind you of our shared commitment to education and excellence.

I extend my heartfelt appreciation to all of you for your dedication and hard work. May this magazine inspire us to reach even greater heights in the future.

Complimentary Messages



Mr. Mohmed Yusuf Suleman Uniya Treasurer of Trust, The Suratee Sunni Vohra Muslim Education Society, Surat.

Dear Readers of 'Rahein, 'Within the pages of this magazine, you'll discover

the essence of Mohmed Yusuf Suleman Uniya and the treasures of trust that support our mission.

'Rahein' is not just a publication; it's a testament to our commitment to education, innovation, and the pursuit of knowledge. As we navigate the realms of academia, we collectively shape the future, preparing our students to become leaders, thinkers, and agents of change. Thank you for being a part of our journey.



Mr. Yusuf Patel (Savawala)Hon. Trustee, The Suratee Sunni
Vohra Muslim Education Society, Surat.

Dear readers of 'Rahein, 'Our institute has been a pillar of education and innovation. 'Rahein' embodies our

commitment to excellence, showcasing research, student accomplishments, and our collective journey.

As we delve into its pages, let's celebrate the spirit of learning and growth. Education transforms lives, and 'Rahein' is a vessel of knowledge and inspiration.

Together, we shape the future, nurturing an environment where excellence thrives. Thank you for your support, and I look forward to our continued success.



Mr. Ahmed UniyaHon. Trustee, The Suratee Sunni
Vohra Muslim Education Society, Surat.

I want to express my sincere appreciation for the remarkable effort put into crafting the 6th edition of

"Rahein." It is a testament to the talent, hard work, and dedication that thrive within our institute.

This annual magazine not only showcases our progress but also encapsulates the aspirations of our students and faculty. Your commitment to excellence is evident in each page.

I extend my best wishes for the continued success and growth of our institute. May "Rahein" inspire many more generations to come.



Mr. M.M. DalchawalDirector, A.Y. Dadabhai Technical
Institute, Kosamba

It is my pleasure to congratulate the entire team of A.Y. Dadabhai Technical Institute for successfully

completing 15 glorious yeas starting from 2008, At this occasion we are publishing 6th Edition of "Rahein - Parth to Glory"

The Most remarkable achievement was Accreditation from NBA (Govt. of India) for all Four Branches (i) Civil Engineering (ii) Computer Engineering (iii) Electrical Engineering and (iv) Mechanical Engineering upto June 2025.

Our vision is clear and we will achieve all our targets in Next Five Years. I would like to appreciate the effort of our team who have worked very hard to achieve the targets.



Dr. D.V. PatelPrincipal,A.Y. Dadabhai Technical InstituteKosamba

Dear students, faculties and all,I hope this message finds you all in

good health and spirits. I am excited to share remarkable achievements and events that have shaped our institute's journey.

I am delighted to announce that our institute's all courses are accredited by NBA. This milestone serves as a reminder of the collective efforts and dedication put forth by our all staff as well as trusties in making AYDTI as a renowned institute.

Our achievements extend beyond academics as well. Furthermore, we had the privilege of arranging placement of our pass-out students through hosting reputed companies campus placement drive.

I extend my heartfelt appreciation to AYDTI community for your dedication, hardwork and contributions in shaping these achievements and events possible. We will continue to achieve greater heights. Wishing you all a productive and fulfilling years ahead.

Complimentary Message



Dr. S. R. JoshiPrincipal
Dr. S. &. S. Ghandy
Government Engineering College, Surat

While going through the annual magazine -"Rahein - Parth to Glory", I am pleased to know that A. Y.

Dadabhai Technical Institute (Polytechnic) is contributing at its best in such a remote area of the region through incessant academic, curricular and co-curricular activities. The activities carried out in the institute will definitely come up with the all-round development of the next generation of Engineers with ethical and moral commitment towards society. I appreciate the consistent efforts put forward by the management and the faculty of the institute for the wellbeing of the students and the society.

Congratulations and best wishes for the upcoming issue - "Rahein - Path to the Glory 2023".



Dr. Jayesh A. ShahDirector, Pacific School of Engineering, Surat
Associate Dean (Diploma), GTU
National Executive Council Member, ISTE, New Delhi.

"We want an education by which character is formed, strength of mind is increased, the intellect is

expanded and by which one can stand on one's feet. Education is the manifestation of the perfection already inherent in man." - Swami Vivekananda

It gives me immense pleasure to know that A. Y. Dadabhai Technical Institute (Polytechnic) is publishing Annual Magazine "RAHEIN" for the year 2023-24. On this occasion, I congratulate the Director, the management and the editorial committee.

I am glad to pen for this wonderful magazine as an appreciation of the commendable efforts put forth by the team. The efforts taken to bring about innovative content is appreciable. It is heartening to note that this magazine serves as a testament to the incredible talent and dedication of your students and faculty. It showcases the projects and academic accomplishments that continue to push the boundaries of what is possible. It is a testament to the countless hours spent in labs, classrooms, and workshops, all in pursuit of excellence.



Mr. Shabbir Ghadiali
Head, Department of Training & Placements,
SCET, Surat - Sarvajanik College of Engineering
& Technology,
(A Constituent College under Sarvajanik University)

Team at A Y Dadabhai Technical Institute, I hope this message finds you in good health and high spirits.

I am writing on behalf of Sarvajanik University and Sarvajanik College of Engineering & Technology, Surat, to extend our warmest wishes and heartfelt gratitude to your esteemed institution and dedicated team. We want to acknowledge the exceptional efforts you have consistently put forth in nurturing talent that continues to shape organizations, the industry, and our nation as a whole.

Today, we take a moment to express our deep appreciation for the invaluable contributions made by A Y Dadabhai Technical Institute to the Engineering Ecosystem and industry. Your institution has played a pivotal role by directly contributing to the technical workforce and providing exceptionally skilled students to Degree Engineering Colleges, setting a benchmark for quality education.

In my capacity as Faculty and Training & Placement Officer and on behalf of ITAP Cell (GTU), I have had the privilege of interacting with numerous students from your college who have gone on to become outstanding Engineers. Their unwavering commitment to innovation, exceptional problem-solving skills, and tireless efforts have not only propelled them to success but have also left a significant positive impact on the industry at large.

Throughout the years, during my numerous visits to your Institute and interactions with your dedicated stakeholders and faculty members, I have personally witnessed your collective efforts in providing quality education, guidance, and opportunities to your students. These efforts have played a crucial role in ensuring that we have a highly skilled pool of engineers who consistently drive success in various organizations.

We kindly request you to convey our best wishes and heartfelt appreciation to your students, graduates, and the entire Management Team at A Y Dadabhai Technical Institute for their outstanding contributions to the Society & Industry.

Once again, we want to express our deep gratitude for your unwavering dedication to nurturing Engineering talent within your institution. We eagerly anticipate witnessing the continued growth and success that your institute & students will undoubtedly bring to our industry in the years ahead.

Wishing you all the best for the future, Regards and best wishes..

Complimentary Message



Prof. K. D. PanchalAsst. Professor, GEC Surat

I feel very elated and at the same time privileged to share my feelings on the occasion of bringing out 6th Issue of Annual Magazine "Rahein - Path to Glory".

I would like to congratulate. The Director, The Principle, The Management and The Editorial Team of A.Y. Dadabhai Technical Institute for their commendable efforts to bringing out innovative content.

I extend my best wishes for the success for this endevor.



Bharatsinh ChavdaElectrical Head,
Unique Chemicals, Panoli

Respected Principal Sir & Entire Team of A Y Dada Bhai,

I wanted to extend my heartfelt congratulations on the publication of 5th Annual magazine RAHEIN and successful 10 years' technical education journey. This is a significant achievement that showcases your institution expertise and dedication in the technical field.

By sharing your knowledge and insights through this publication, you are not only contributing to the advancement of your institute but also making a valuable contribution to the broader technical community. RAHEIN will undoubtedly inspire and educate future generations of students and professionals in your field.

May this RAHEIN publication be just the beginning of many more successful endeavours for your institute. Thank you for your commitment to excellence and for continually striving to push the boundaries of knowledge in the technical world.



Mr. R.M. Panchal
Retired Chief Engineer,
M.G.V.C.L.(G.E.B.)
B.E.E. Certified Energy Auditor,
CEO Of Global Energy Consultancy, Vadodara

It is a pleasure to address you through this annual magazine. Over the past five years, I have had the privilege of visiting A.Y. Dadabhai Technical Institute on multiple occasions to conduct programs on energy conservation awareness.

During my visits, I have had the opportunity to witness the institute's remarkable activities, impressive infrastructure, and the vibrant academic atmosphere. However, what stands out the most is the exceptional enthusiasm and dedication of the students.

Even though I am not a part of the institute, I have been deeply impressed by the impact it makes on its students and the community. The commitment to education and the nurturing environment are truly commendable.

I extend my best wishes to the institute and its bright students for continued success and growth in the years to come. May you continue to shine in your pursuit of knowledge and excellence.



Mr. Kartik Mujadia SAI Enterprise

I take this opportunity to congratulate the A. Y. Dadabhai Technical Institute & its Editorial Board for bringing out the 6th Issue

of Annual Magazine "RAHEIN - Path to Glory" in itself is an achievement. I wish it all success and hope that this tradition will be carried out in future also.

My Best regards with you and I am always ready to give any kind of Technical Support to your students as well as institute.

Complimentary Message (



I trust this message finds you all in good health and spirits. It brings me immense joy to reach out to the esteemed A.Y. Dadabhai Technical Institute, Kosamba, once again. I'm thrilled to share that Saint-Gobain Pvt. Ltd., Jhagadia, is continuing its tradition of visiting your institution for campus interviews. Your students have consistently impressed us with their unwavering commitment and exceptional skills.

Our collaboration has been a source of pride, and we are dedicated to offering exciting job opportunities to your talented students. Together, we can shape promising careers and contribute to the industry's growth.

I extend my heartfelt gratitude for your continued support. Let's look forward to another year of successful collaboration and bright futures.



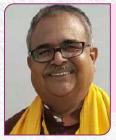
ઈન્તેખાબ અનસારી આસિસ્ટન્ટ પ્રોફેસર, કોલેજ ઓફ એજચુકેશન, ખરોડ, તા. અંકલેશ્વર, જિ. ભરૂચ.

દક્ષિણ ગુજરાત વિસ્તારમાં ખૂબ પ્રતિષ્ઠિત અને મહત્વપૂર્ણ પ્રદાન કરતી આપની સંસ્થા એ.વાચ.

દાદાભાઈ ટેકનીકલ ઈસ્ટીટચુંટ, કોસંબા થી સૌ વાકેફ છે. આ સંસ્થા એન્જીનિચરીંગના વિદ્યાર્થીઓ ગુણવત્તાપૂર્વક તૈયાર કરવા માટે પૂર્ણ પ્રતિબઘ્ધતા ધરાવે છે. આ સંસ્થામાંથી ઉત્તમોત્તમ વિદ્યાર્થીઓ તૈયાર થયા છે અને દેશ-વિદેશમાં પોતાની ફરજો શ્રેષ્ઠ રીતે અદા કરી રહ્યા છે.

સંસ્થા પોતાનું "રાહે" મેગેઝીન તૈયાર કરી રહી છે એ જાણ્યું, ખૂબ આનંદ થયો. આ મેગેઝીન થકી સંસ્થા દ્વારા થતા કાર્યોનું સરસ સંકલન અને દસ્તાવેજીકરણ થઈ શકશે.

"રાહે" નામકરણ સાથે પ્રસિધ્ધ થનાર મેગેઝીન શિક્ષણ જગત અને સમાજ માટે નવો 'રાહ' ચિંધશે એ નકકી છે. હું આપ સૌને ખૂબ ખૂબ શુભેચ્છાઓ પાઠવું છું.



Dr. A. S. ShahPrincipal,
Valia Polytechnic College,
Valia, Dist. Bharuch.

I am honoured to have an opportunity to write this message on

the occasion of bringing out 6th Edition of College Magazine "Rahein". Please accept my thanks and Congratulations on the success of your previous issues of magazine.

I have gone through all the issues of magazines which unfolds a wide spectrum of creative skills as well as an array of activities throughout the years. Wish you all the best.



Hemrajsinh Jitendrasinh Vaghela (M/S Planet Sales & Creative Packers) Kosamba Alumni of A.Y. Dadabhai Tech., Kosamba

I wanted to take a moment to express my heartfelt gratitude for the incredible journey I've had at A.Y.

Dadabhai Technical Institute. As I approach to next chapter, I was filled with a profound sense of appreciation for the experience, knowledge and growth that this institution has provided me.

Throught my time at A.Y. Dadabhai Tech Inst, I have been fortunate to learn from some of the most dedicated and inspiring professor who have not only expanded my horizons academically but have nurtured my passion for learning. The guidance and mentor ship I've received here have been invaluable, and i am deeply thankful for their unwavering support. The resources and opportunities available at A.Y. Dadabhai Tech Inst, have allowed me to explore my interest, engage to explore more and participate in extracurricular activities that have shaped my personal and professional development.

I also want to extend my gratitude to my principal and my electrical staff and support team who work tirelessly behind the scenes to ensure smooth function of the college. Once again, thank you, A.Y. Dadabhai Technical Institute for everything you've given me. I am proud to be an alum of this remarkable institution. With deepest gratitude.

Complimentary Message



Mr. Rohan Manik Deputy Manager, Quality Control (C & P) PGP Glass Pvt. Ltd. Kosamba. PGP



I Extend my heartiest congratulation on the launch of your

collage magazine. This publication is a testament to the creativity and intellectual prowess of your students, faculties and staffs.

In the world of education, a collage magazine serves as a valuable platform for fostering creativity, encouraging critical thinking and showcasing remarkable talent within your institution. It's a reflection of the dynamic environment that your collage provides for its students.

I commend the dedication and hardwork put forth by the editorial team and contributors who have made this magazine a reality.

As a industrialist I understand the importance of nurturing young minds and providing them with opportunities to express themselves. I have no doubt that your students will continue to achieve great heights in their academic and creative endeavors.

I wish the magazine immense success and it continues to inspire, inform and entertain your collage community for years to come.



Mr. Ziyauddin Kazi Assistant Secretary of Trust, The Suratee Sunni Vohra Muslim Education Society, Surat.

A. Y. Dadabhai Technical Institute, Kosamba managed by The Suratee

Sunni Vohra Muslim Education Society intended to provide an excellent environment for Technical Education.

The Institute also put an effort for complete development of students through diversified activities. Among them "Rahein" the college magazine is one of the attempt to utilize the hidden partial of students & faculties.

I would like to congratulate & wish all success for 6th Issue of "Rahein".



Nimisha Mahida **Human Resources** PGP Glass Pvt. Ltd.



Gratitude to AYD college for their excellent support in providing fresh talented engineers to us. That supported us in building strong talent

pool for emerging leadership pipeline for future ready organization. We are also committed to support the institute for building industry – academia bridge for betterment of the both ..!

We Promote





of India

Digital Library











Education Department, Government of Gujarat

NTA Online Exam Center

Internal Quality Assurance Cell

Scan for Visit Our Departments





Civil Engg.

Computer Engg.





Electrical Engg.

Mechanical Engg.

About A.Y.D.T.I.

- § A.Y. Dadabhai Technical Institute, Kosamba was established by The Suratee Sunni Vohra Muslim Education Society, Surat in 2008.
- Ÿ Institute Campus stretches over 11 acre.
- § Institute established with aim to provide quality education in line with today's industrial need and rapid development in technology.
- Ÿ It provides high quality, higher level technical education and training withing and outside the classroom.
- Ÿ Institute is dedicated to provide outcome based education to all of its stake holders.

Institute Profile

Name of Institute : A. Y. Dadabhai Technical Institute (Polytechnic)

Approved by : A.I.C.T.E. (Govt. of India)

Affiliated with : Gujarat Technological University, Ahmedabad

Managed by : The Surtee Sunni Vohra Muslim Education Society, Surat

Address: Dr. G.I. Motala Campus, Kosamba-Mahuvej Road, Kosamba, Dist.: Surat-394120.

Mobile No. : +91 90990 63201

E-mail : aydtech@yahoo.com

Website : www.aydadabhaitech.org

Year of Establishment: 2007

At A. Y. Dadabhai Technical Institute, we certainly believe that we cap prepare the next generation future. So we emphasize the faith, Unity & Descipline.



INSTITUTE VISION

To impart globally competitive education to all its students enabling them to fulfill effectively the technological and socio economic needs of the society in a sustainable manner.

INSTITUTE MISSION

- ÿ Develop technical human resources by imparting the state-of-art skill-basedtraining programs in accordance with the regional and global needs.
- Ÿ Nurture innovation and entrepreneurship among the faculty and students which will offer opportunities for long-terminteraction with academia and industries.
 - Ensure effective and accountable governance in all aspects associated with the functioning of the institute for its stakeholders.

2300+

Pass Out Students

40+

Factulties



750+

Students

20+

MoUS with Industries

" The content of book holds the power of education and it is with this power that we can shape our future and change lives "

- Malala Yousafzai

Testimonials

C.P.I.: 9.94



NARWADE SAMADHAN RAMDAS Mechanical Engineering Place: Kosamba

I am grateful to the faculty members and placement officers who provided me with unwavering support and guidance throughout my academic journey. Participating in various events and activities helped me to develop my confidence and grow as an individual.





Throughout my academic journey, I was impressed by the faculty's dedication, expertise and willingness to go the extra mile to support students. The guidance and support I received from the placement cell were instrumental in securing my placement.



Place: Kosamba

C.P.I.: 9.88



SINGH SHALINI UDAYPRATAP Computer Engineering Place : Kosamba My experience as a student at A.Y. Dadabhai Tehcnical Institute makes me express my gratitude to the faculty.





The institution provides an unparalleled learning atmosphere that promotes not only academic development but personal growth as well. I confidently recommend as the ultimate destination for anyone seeking an unmatched educational experience.



Mechanical Engineering
Place: Kosamba

C.P.I.: 9.96



Batch: 2019-20

MULLA YUNUS IQBAL Electrical Engineering Place: Kosamba Studying at A.Y. Dadabhai Tehcnical Institute was a fulfilling and enriching experience. I am grateful to the institution, the faculty members and the entire staff for making my journey as a student so memorable.





My tenure as a student at A.Y. Dadabhai Tehcnical Institute was highly enriching experience. The erudite faculty members with their expertise and willingness to assist, played a pivotal role in shaping my academic journey. I extend my sincere gratitude to the Training & Placement Cell and all staff members for their unwavering commitment towards imparting top-touch technical and aptitude training.



Computer Engineering
Place: Kosamba

C.P.I.: 9.45



Batch: 2020-23

CHAUHAN HARSH BHUPENDRABHAI
Civil Engineering
Place: Kosamba

It is a matter of pride to be associated with A.Y. Dadabhai Technical Institute. The institution offers a comprehensive approach to education that priorities both academic prowess and personal growth. The faculty members are enthusiastic about their respective fields and are always available to extend their support to students.





A.Y. Dadabhai Teehnieal Institute

(DIPLOMA ENGINEERING COLLEGE)
KOSAMBA.

Managed by : The Suratee Sunni Vohra Muslim Education Society, Surat.



Accreditation

National Board of Accreditation, India has become the permanent signatory member of the Washington Accord on 13th June 2014.

Accreditation is an Assessment of the Performance of the Program/Institution as per the Criteria. It is an assurance that a Program or Institution meets established quality standards. Accreditation assures quality.

It is a peer review process that assures the quality of post-secondary education students receive. Educational institutions or program volunteer to undergo this review periodically to determine if certain criteria are being met.

It is important to understand that accreditation is not a ranking system. It is simply assurance that a program or institution meets established quality standards.

There are two types of accreditation- Institution and Program.

Institutional accreditation evaluates overall institutional quality. One form of institutional accreditation is accreditation of Colleges and Universities. (National Assessment & Accreditation Council-NAAC under UGC)

Program accreditation examines specific program of study rather than institution as a whole. (National Board of Accreditation-NBA under AICTE)

Importance and Significance of Accreditation

To make the institute/department/program aware of the weaknesses of the program offered by it and act on suggestions for improvement.

To encourage the institute to move continuously towards the improvement of quality of its program, and the pursuit of excellence.

To facilitate institutions for updating themselves in program curriculum, teaching and learning processes, faculty achievements students' skills/abilities/knowledge.

To excel among stakeholders (students, faculty, alumni, employers, industries, government, regulators, management, etc.)

To facilitate receiving of grants from Government regulatory bodies and institutions/agencies.

To attain international recognition of accredited degrees awarded.

To facilitate the mobility of graduated students and professionals.

Accreditation @ AYDTI

NBA expert team had visited the college 21st January to 23rd January 2022. Based on that visit, all your diploma programs have been accredited by NBA, New Delhi for a period of three years i.e. up to 31-06-2025 We are the only Self-finance Institute in South Gujarat region whose all four programs were accredited by NBA during the span of period. The efforts put behind it, appreciated by management & other near by Institutes, this will encourage us to go further in this direction.

Outcome-Based Education

Principles and Process

- Clarity of focus
- Designing down
- High expectations
- Expanded opportunities.

Outcome-Based Education (OBE) is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels.

The key to success in outcome-based education is clarity, for both teachers and students to understand what's expected of them. Outcome-based education aims to create a clear expectation of results that students must achieve. Here, the outcome includes skills, knowledge and attitude.

OBE empowers students to choose what they would like to study and how they would like to study it. Not only does it adapt to a learner's strengths and weaknesses, but it also provides sufficient time to attain proficiency and fluency in the subject matter.





Benefits

One of the most profound benefits of OBE is the sense of clarity it fosters. Students, along with their parents, can pick an institution, program and course based on clearly spelled out learning objectives. The Course Outcome (PO), Program Outcome (CO), Program Specific Outcome (PSO) and Program Educational Objective (PEO) determine exactly what students are expected to accomplish, post their course or program respectively. This clarity is further reflected in the quality of teaching and delivery, across divisions and departments, where faculty may adjust their focus more appropriately.

Relevance of Outcome-Based Education System

OBE is a crucial part of the education system in the era of globalization. It offers a cluster of skills which are required to deal with rapidly changing technologies. The structure of OBE encompasses creating, managing and aligning sets of competencies to learning resources, assessments & evaluations, analytical rubrics etc. to keep an eye on the performance.

Engineering Education in India si changing from traditional teaching - learning method to OBE. Accreditation agencies like NAAC and NBA are facilitating this shift in Engineering Education and to make the students globally competitive. The OBE approach has become one of the prime criteria for the quality enhancement, sustainment and accreditation across the globe.

OBE @ AYDTI

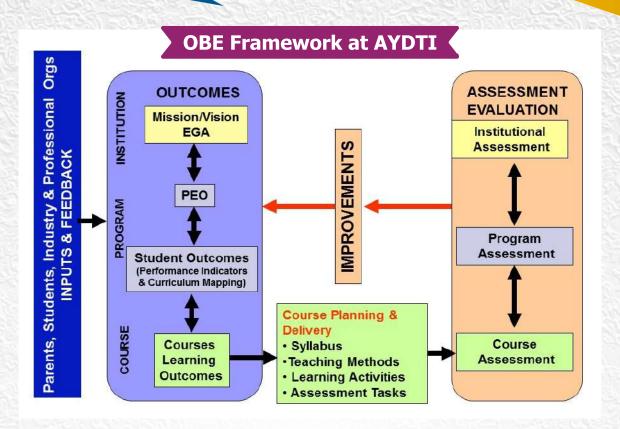
At AYDTI, the OBE approach has been implement at since 2014. It has been fine tuned and institutionalized through focused policy formation and training. Various committees such as Industry-Academia Cell (IAC), Internal Quality Assurance Cell (IQAC), Board of Studies (BOS), Department Advisory Committee (DAC) formed by members from Industry, Alumni, Parents, Management, Faculty and Students. These comities guide, assist and monitor the implementation of OBE in the Institute.



FRONT GATE OF AYDTI



CAMPUS OF AYDTI



PROGRAM OUTCOMES (POs):

- 1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis: Identify and analyze welldefined engineering problems using codified standard methods.
- 3. Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- Engineering Tools, Experimentation and Testing:
 Apply modem engineering tools and appropriate technique to conduct standard tests and

measurements.

- 5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- 7. Life-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

Mr. Krunal M MSc-IT 90672 10149

| www.webpageacademy.com |

Mr. Ayaz M MCA (Pune) 95378 11556



- Advanced PHP Course
- Advanced ASP.Net Course
- Android App Development Course
- Specialized Courses (MVC, CI,SEO)
- Final Year Projects (BCA, MCA, MSC-IT, BE, Diploma)

S-33, Silver Plaza, Nr. Sardar Patel Complex, GIDC-Ankleshwar, Di.Bharuch, GJ - 393002

College IT Subjects:

- C Programming
- C++ Programming
- Data Structure
- DBMS
- R-DBMS
- Java Programming
- Web Designing
- ASP.Net (VB.Net,C#)
- PHP Programming
- Unix Os

Why Us?

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GSIRF Ranking



The Gujarat State Institutional Ranking frame work is a pioneering attempt towards creating world class institutions in Gujarat by the knowledge consortium of Gujarat (KCG) in partnership with the Indian Center for Academic Ranking & Excellence (ICARE) India's most trusted institution ranking & rating authority.

A.Y. Dadabhai Technical Institute is the only Diploma Engineering College who take part in such kind of Audit, Assets & Rating System that can ensure quality enhancement & realization of goals set in the field of education. With the clear focus on outcome of the Institute, AYDTI identify areas of improvements, bridge the gaps and achieve excellence regionally, nationally and globally.





The Executive Committee of the **Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat** on the

recommendation of the duly appointed agency, the Indian Centre for Academic Rankings and Excellence (ICARE) has rated

A Y Dadabhai Technical Institute



as a **2 Star** Institution in the category of **'Engineering'** on the basis of comprehensive performance metrics as set out in the **Gujarat State Institutional Ratings Framework (GSIRF)** on the 28st February 2023.



BY ORDER

SJ Haider IAS
Principal Secretary
Higher & Technical Education
Government of Gujarat

M Nagarajan IAS
Commissioner
Higher Education
Government of Gujarat

Prof AU Patel Advisor Knowledge Consortium of Gujarat Government of Gujarat **Dr Karthick Sridhar**Vice Chairman
Indian Centre for Academic
Rankings and Excellence

VALID UPTO 31st May 2023

GTU GOLD MEDALIST







Mr. Mulla Yunus Iqbal Summer - 2020 Electrical Engineering



Mr. Navade Kiran R.
Summer - 2022
Mechanical Engineering



Miss. Idrisi Hajira M.
Summer - 2022
D. Voc





Miss Niharika Lad
Completed Ph.D. - Library & Information Science
in Year - 2023



Mr. Pranay Surti (Mechanical)
Completed M.Tech. - Production Engineering
Gold Medalist in Year - 2022



Mr. Saurabh Kapadia (Mechanical)
Completed M.Tech. - Production Engineering
in Year - 2022



Mr. Shahid Patel Completed M.Tech. - Environment Engg. in Year - 2023



Mr. Abdulla Hans Completed M.Tech. - Computer Science in Year - 2023



Mrs. Sneha Rohan Manik Completed M.E. - Electrical Engineering (Power System) in Year - 2021



PAPER PUBLISHED / PRESENTED BY FACULTY

Miss Niharika Lad (Librarian)

Ÿ Published Paper in Journal Interdisciplinary cycle research JICR Journal, Vol XIV, Issue – X, Oct – 2022, ISSN – 022-1945

PAPER TITLE: READING BEHAVIOUR IN DIGITAL ERA

Published Paper in Journal Interdisciplinary cycle research JICR Journal, Vol -XIV, Issue – VI, June– 2022, ISSN – 022-1945

PAPER TITLE: READING INTEREST OF TRIBAL AREA STUDENTS: SELECTED COLLEGES AFFILIATED TO VNSGU, SURAT

Ÿ PAPER PRESENTED:-

Presented Paper at Young Research Conference, jointly organized by Veer Narmad South Gujarat University, Surat and Research for Resurgence Foundation, Nagpur on 10th and 11th May – 2022 at VNSGU, Surat.

PAPER TITLE: IMPACT OF SOCIAL MEDIA ON READING INEREST; A STUDY OF DIPLOMA ENGINEERING (POLYTECHNIC) STUDENTS

Presented Paper in Virtual International Conference on Emerging Trends in Social Sciences and Allied Areas, Jointly organized by Veer Narmad South Gujarat University, Surat and Research for Resurgence Foundation, BSM, Nagpur on 5th and 6th January, 2022

PAPER TITLE: "READING INTEREST OF URBAN AND RURAL AREA COLLEGE LIBRARIES USERS OF SOUTH GUJARAT – A CASE STUDY"

Mr. P.J. Surti (Faculty Mechanical Engineering)

Y A review on the process parameter of WEDM while machining metallic and composite materials published paper in the journal of Maharaja Sayajirao University of Baroda. Volume No. XXI No. 2, 2020-21. ISSN - 0025-0422. UGC Care Group-1 Journal.

Mr. S.A. Kapadia (Faculty Mechanical Engineering)

Y A review on the effect of Plasma Arc Cutting Parameters in different materials published paper in the journal of Maharaja Sayajirao University of Baroda. Volume No. XXI No. 2, 2020-21. ISSN - 0025-0422. UGC Care Group-1 Journal.

Mr. Shahid Patel (Faculty Civil Engineering)

Y Optimization of Collection Route for Municipal Solid Waste in Olpad Town, Using GIS Technic. Published Paper in the journal of Basic Sciences. Volume 23, Issue 5, May 2023. ISSN No. 1006-8341, UGC Care Group-II Journal.

Mrs. Sneha R. Manik (Faculty Electrical Engineering)

Y A Comparative Study & Design of PWM Rectifier Using Different Control Schemes. Pulished Paper in International Journal for Technological Research in Engineering. Volume 8, Issue II, July 2021, ISSN (Online) 2347-4718.



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કોઇપણ Day-School કરતા સૌથી ઓછી Fees... સૌથી સારૂં Result... સાથે કોસંબા ના સૌથી અનુભવી Teachers ની Team

ASHISH GHARIA

(CHEMISTRY)

JENISHBEN PANDYA

(BIOLOGY) 26 વર્ષ

SHIVDUTT KHER

(MATHS)

RUTURAJ SIR

(PHYSICS)

એડમિશન માટે મુલાકાતનો સમયઃ સાંજે પઃ૦૦ થી ७:૦૦ કલાકે

સરનામું : કોસંબા રેલ્વે ફાટક પાસે, નિલેષ ગેસ એજન્સી સામે, ખેડૂત જીન રોડ, કોસંબા

Mo. 99798 56414

Follow On







Vision

Library

To serve as the hub of learning and to act as the gateway of knowledge and invention that exists in print and digital formats to support institutional vision.

A.Y.Dadabhai Technical Institute Library is fully computerized with the implementation of SOUL 2.0 (Library Software from INFLIBNET) along with Bar Code System.

Missior

Improving quality library information system and service to support teaching, research, academic and management programme and providing and nurturing knowledge and aids in learning and teaching activities.

The Library is an integral part of the academic setup of the college. The major aim of which is acquire, collect and organize books and other allied reading materials for use by students and faculty members and thus to support the teaching programme.

The college maintains a well stocked library which is open to all students, faculty members and staff.

The library is well equipped with all the modern facilities and resources. There is also a well equiped reading room which subscribes news paper, magazines etc.

A student becomes the member of the library automatically after taking the admission in the college. The college also becomes the member of National Digital Library of India and institute also focused on all the students be a member of NDLI.

Our institute's library is having a huge collection of book of engineering and science and collection of CD's & DVD's, various international & technical journals and magazines.

એ.જી. બોબાત સાહબ બુકબેંક ચોજના 🤄

બુકબેંકનો મુખ્ય આશય જરૂરિયાતમંદ વિદ્યાર્થીઓને પુસ્તકો આપી તેના દ્ધારા તેઓના અભ્યાસમાં મદદરૂપ થવું. અને આજ આશયને ધ્યાનમાં રાખી એ.વાય. દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટયુટ દ્ધારા સોસાયટીના દાતાઓ અને એ.જી. બોબાત સાહેબની આર્થિક સહાય હેઠળ તા. ૦૫-૦૨-૨૦૧૫ ના રોજ યોજના શરૂ થઈ. આ યોજના અંતર્ગત વિદ્યાર્થીઓને બુકસેટસ પુરા સેમેસ્ટર માટે આપવામાં આવે છે.

1.	Total Books (Including 1000 Reference Books)	10400
2.	Total No. of Titles	1551
3.	CDs & DVDs	482
4.	International Journals	01
5.	Tech. Journals	08
6.	Magazines	02





Mechanical Workshop

It is a place where the students can understand the application of every Tool, Equipment, Machine, Material and the Process.

Workshop is the heart of Mechanical Engineering. It includes,

- Machine shop
- Welding shop
- Carpentry shop
- Forging shop

- Fitting shop
- Metrology & Instrumentation lab
- CAD/CAM lab
- Material Science lab









Canteen

It is not just the place where you go to eat, especially in colleges, this place is an open arena for debate, argumentative sessions, cracking gossips, kidding and having loads of fun with tea, coffee and snacks in between as gap tillers. Food and friends both initiate with 'F' and canteen is the union zone for both. It is the force of double 'F' that drives you to canteen, so college canteens can really make and shape student's life.



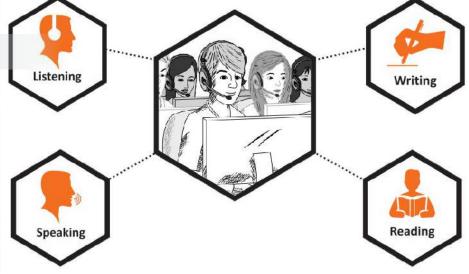
Language Lab



Language Lab is designed to acquire language skill in an easy interactive way. English Language Lab is based on methodology of LSRW Skill that are listening, speaking, reading, writing. Such kind of Digital Lab is ans educational platform which allows students to interact, study, experiment with the language skills in a practical manner. The oral software of our laboratory is as blend technology that helps in ease & fast learning of English Skill.

Benefits of Oral Software:

- (i) User Friendly Software.
- (ii) Interactive Video Lessons.
- (iii) Text, Images, Audio & Video can easily be integrated.
- (iv) Self access for independent learning.The Language Lab is as per the AICTE Norms.







Sports Facility

Sports play an important role in Physical, Mental & Emotional Development of the Student. The College provided abundant facilities for Yoga, Number of Indoor Games and Outdoor Sports.

The AYDTI has following sports infrastructure in its campus.

- (i) Mohammad Sabat Sahab Cricket Ground
- (ii) Volley Ball
- (v) Kho-kho
- (iii) Badminton
- (vi) Carrom
- (iv) Table Tennis
- (vii) Chess Etc.



3rd Rank in University Level Volley Ball Tournament



We A. Y. dadabhai Technical Institute, Kosamba would like to congratulate Mr. Thakor Smit from 1st semester computer engineering dept for securing second place in 5th national roller skate basketball championship 2022 at Tamilnadu, India.



Seminar Hall





AYDTI hosts to a number of Activities and Workshops event years. Most of these are hosted in collaboration with leading Govt. & Private Industries and academic Institutions. The College has well equiped Air-conditioned Seminar Halls with State of the art Equipments. They includes Computer, Sound System, Over Head Projector, Sufficient Seat Arrangement Etc. The Students & Teachers make use of this facility to make the project presentations to conduct interactive sessions and guest lectures.

Quality education adn training along with studentcentric facilities are all that we aim in to offer for the overall progress of our students.

Computer Centre

The Computer Centre was established with the aim to provide computational & data processing facilities with internet to the faculty, Staff and Student of the Institute. The aim of the Computer Centre is to provide excellent facilities for the growth & development of teaching, learning process and other activities of the Institute.

The Campus is equipped with 4 Computer Cenres with more than 150 nodes inter connected with fiber optic cables. The Computer Centre has specified server space devoted to the continuous operation. The Centre equipped with computer having latest configuration & UPS for backup. The Centre is furnish with Internet Connection of more than 32 mbps bandwidth of broadband, Laser Printers & Scanners.

Online Exam Centre

Computerized Test Centre aimed to provide an excellent quality of services & environment for conducting online tests to the aspiring students fro various entrance or competitive tests.

At in AYDTI Campus, We provide unparalleled facilities to conduct various national & state level online exams in association with Govt. & private agencies like NTA, AICTE, NSEIT, APTECH & BITS-Pilani Etc. Currently, We are capable of providing 100 to 120 nodes for internet / web based comprehensive online test with full of confidentiality & security to address the requirements of very wide range of test situations.

In future we have planned to expand or increase our capacity up to 200 nodes with full of facilities.





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About T&P Cell

Training & Placement Cell Activity

"Training & Placement Cell" is a wing to support Institute to enhance employability skill in students which help them to get job and also fit them in this competitive environment.

This Cell also works for development of entrepreneur skills, which helps students to established new business to generate employability for society.

Vision

To equip the students with relevant professional skills and guiding them towards a bright future and career.

Mission

To arranges and coordinates various programs that aim at molding the students so as to meet the industry expectations in career building.



ÿ Strive to maintain good relationship with industries.

Training Activities

Mr. M. A. SHEIKH Training & Placement Officer

Sr. No.	Date	Program Title	Expert / Resource Person Invited	Designation	Event Type	Duration	No. of Participants
1	28-08-2021	English Olympiad	Mr. Mohammed Samiul	Toefel Coordinator	Soft Skill Development	1 Hour	98 Students
2	18-12-2021	Alumni Meet Sankalan -2021	Mr. Yusuf Patel	Honourable President Of trust SSVEM	Event hosted by institute	1 Day	150
3	01-02-2022	Aptitude Test and How to face interview	1. Dr. Hitesh S. Jariwala 2. MR. Pradip K. Patel, Training & Placement officer. J.H. Desai Polytechnic, Palsana.	1. H.O.D. Mechanical Engineering. J.H. Desai Polytechnic, Palsana. 2. Training & Placement officer. J.H. Desai Polytechnic, Palsana.	Soft Skill Development	4 Hrs.	71
4	26-03-2022	Prakalp-2022	10 Experts	Experts From Academic Institutes & Industries	Event hosted by institute	1 Day	253
5	19-05-2022	Fitness Industry's Past Present & Fututre	1. Miss. Forum 2. Mr. Gautam	CEO Founder of FGIIT	Expert Lecture	1 Hrs.	105
6	21-05-2022	Annual Cum Farewell Function-2022	Dr. S.R. Joshi	Principal Govt. Engineering College, Bharuch	Event hosted by institute	1 Day	All Students
7	28-05-2022	Career Awareness Programme	1. Mr. Vijay Patel 2. MR. Harekrishnan Gohil 3. Mrs. Sima Joshi	Principal of Sardayatan School Surat Training & placement officer of Dr. S & S.S. Gandhi College, Surat Victoria IELTS Coaching Academy, Ankleshwar	Community Service Program	4 Hrs.	300 Students
8	Celebration Of World Environment Day		Mrs. Rajni Kumrawat Mrs. Neelam Gosar Mrs. Nutan Patel Mrs. Meenakshiben Shah Mrs. Meenakshiben Shah	 Club President Club Secretary Ex Club President President Of Tarsadi Nagarpalika Club Membe 	Day Celebration	1 Day	100
9	02-07-2022	Career Guidance Awareness	Mr. M.M. Dalchawal	Director of Institute	Career Awareness	1 Hrs.	60
10	15-08-2022	Introduction of TOEFL & GRA, is English proficiency test	Miss Bhagyashree Vaswani	ETS India Resource Centre, Ahmadabad	Soft Skill Development	1 Hrs.	100
11	24-08-2022	Industrial Visit for staff at KPI Green Energy Ltd	Visit Location:Village: Sudi, Dist: Bharuch	Staff Visit	Industrial Visit for Staff	1 Day	30
12	25-08-2022 to 27-08-2022	Life Skills Workshop	Mrs. Aayushi K. Bhatt	Soft Skills Trainer, GTT Foundation Surat	Soft Skill Development	3 Day	70

Sr. No.	Date	Program Title	Expert / Resource Person Invited	Designation	Event Type	Duration	No. of Participants
13	10-01-2022	English Olympiad	Miss Bhagyashree Vaswani	Toefel Coordinator	English Proficiency Test	2 Hrs.	95
14	04-10-2022	Entrepreneurship Awareness & Startup Opportunity	1. Mr. Deepak Lagdhir 2. Mr. Yogen Parmar	Retired Regional Manager of CED Gandhinagar MR. Yogen parmar	Expert talk on Entrepreneurship Awareness & Start up Opportunities	1 Hrs.	70
15	12-10-2022	My-story Motivational Session By Successful Entrepreneur / Start Up Founder".	Mr. Adnan Pothiwala	Founder & CEO of Coderkube Technologies	Expert Talk Entrepreneurship & Start Up	130 Hrs.	100
16	07-01-2023	AIA Industrial Expo-2023 Visit	Venue-Ankleshwar	Expo Visit by Staff & Students	Industrial Expo Visit	1 Day	100
17	11-02-2023	How to Crack Aptitude & Technical Test for the Interview	1. Dr. Hitesh S. Jariwala 2. Mr. Janak Patel	 Assistant Professor SNPIT Bardoli Assistant Professor SNPIT Bardoli 	Soft Skill Development	1 Day	100
18	12-01-2023 To 27-01-2023	Two Week Workshop On Entrepreneurship Development Program EDP Module-2	12 Faculty From CED	Faculties From CED	Entrepreneurship Development	12 Days	30
19	12-10-2022	My-story Motivational Session By Successful Entrepreneur / Start Up Founder".	Mr. Adnan Pothiwala	Founder & CEO of Coderkube Technologies	Expert Talk Entrepreneurship & Start Up	130 Hrs.	100
20	15-10-2022	IELTS Information For Foreign Study And Internship Opportunity	1. Mr. Rahim Fruitwala 2. Mr. Anas Shaikh	Division Head IICL \Bharuch, CEO of Voidnix One of the Startup Founder	IELTS Information	1 Day	120
21	29-04-2023	Prakalp-2023	10 Experts	Experts from Industry and Academic Institutes	Project Competition	1 Day	201
22	27-05-2023	Career Awareness Programme for SSC Students	Dr. Intekhab Ansari	Principal B.Ed. College Kharod	Career Guidance	1 Day	300
23	12-07-2023	Students Farewell Function	Institute Faculty		Students Event	1 Day	250
24	09-09-2023	Digital Marketing Workshop	Mr. Shahzad Bodila	Digital Marketing Expert	Faculty Programme	1 Day	50

EDP Module-2 Programe

On 12/01/2023 A.Y.Dadabhai technical institute, Kosamba Inaugurates twelve day workshop on entrepreneurship development program (EDP Module-2).

This program was inaugurated in the presence of honorable Director Mr.M.M. Dalchawal, Mr. Deepak lagdhir retired officer of CED Ghandhinagar, Mr. Ranjeet chaudhry director sankalan prasikshan sansthan, Mr. jaimin gheewala training officer CED. 30 Students and 10 faculty members participated in this program.







Prakalp - 2022

A Students Project Fair under "PRAKALP'2022-'Passion Creates Opportunity" was held under GTU Innovation Club on 26th March 2022 at A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba with participation of 253 final year students with 49 projects from all the branches at our Institute.















Prakalp - 2023

Date: 29th April 2023

No. of Project Group: 39 - No. of Student Participate: 201 - No. of Jury: 7













Workshop on How to Face Interview

Date: 11th February 2023

No. of Student Participate: 100

Expert: 1. Dr. Hitesh S. Jariwala

Assistant Professor SNPIT Bardoli

2. Mr. Janak Patel

Assistant Professor SNPIT Bardoli



Workshop on How to Face Interview

Date: 25-08-2022 to 27-08-2022

No. of Student Participate: 70

Expert : Mrs. Aayushi K. Bhatt

Soft Skills Trainer, GTT

Foundation, Surat



AIA Industrial Expo, Ankleshwar - 2023

Date: 7th January 2023

No. of Student Participate: 100 - No. of Faculties: 6

Department: Electrical & Mechanical





TPO Meet at AM/NS India, Hazira, Surat

Date: 15th December 2022

Attended the Meeting held at AM/NS India Hazira organized for all Training & Placement Officers as a part of Industry-Institute Interaction.



Fitness Industry's Past Present & Future

Date: 19th May 2022

No. of Student Participate: 100 Expert: Mr. Gautam & Miss Forum CEO Founder of FGIIT



Industrial Visit Under EDP-2 Programme 🚄

Date: 27th January 2023

No. of Student Participate: 30 & Faculty: 10 Industry: Planet Sales, Kosamba (Startup by AYDTI Student)



Alumni Meet Sankalan-2021

Date: 18th December 2021

No. of Student Participate: 150

Cheif Guest: Mr. Yusuf Patel (Trustee)







Alumni Share their Journey with Institute



Tree Plantation by Alumni Students

Annual Function cum Alumni Meet Sankalan-2022

Date: 21st May 2022

No. of Student Participate: 350

Cheif Guest: Dr. S.R. Joshi (Pricipal G.E.C. Surat)



















Farewell Function for Final Year Students - 2023

Date: 12 July 2023 - Electrical Department - No. of Student Participate: 50





Date: 12 August 2023 - **Mechanical Department** - No. of Student Participate: 70





Date: 5th August 2023 - Computer & DVoc Department - No. of Student Participate: 70





Date: 12th July 2023 - Civil Department - No. of Student Participate: 19





MOU Signed with Industries by Institute

SR. NO.	NAME OF ORGANISATION/COMPANY	DEPARTMENT
01	ACME REFRIGERATION	MECHANICAL
02	BRAKES INDIA PVT. LTD, JHAGADIA	MECHANICAL
03	MITRA ENTERPRISE	MECHANICAL
04	V3+ WEB SOLUTIONS, SURAT	COMPUTER
05	Z WEB SOLUTIONS, ANKLESHWAR	COMPUTER
06	SSM INFOTECH SOLUTIONS PVT. LTD.	COMPUTER
07	CIVIL ENGINEERS AND CONTRACTORS	CIVIL
08	CIVIL PROJECT CONSULTANT	CIVIL
09	DREAM HOUSE DEVELOPER	CIVIL
10	SHREEJI CONSTRUCTION	CIVIL
11	KPI GLOBAL INFRASTRUCTURE LTD.SURAT	ELECTRICAL
12	ADECCO INDIA PVT. LTD.	MECHANICAL
13	TOPS TECHNOLOGIES SURAT	COMPUTER
14	A TO Z ELECTRIC	ELECTRICAL
15	PREVENTER OF FIRE	ELECTRICAL
16	SOPAN INSTITUTE OF ENGINEERING AND DESIGN	MECHANICAL
17	E-CARE ASSOCIATES	ELECTRICAL
18	EBRAHIM BAWANY INDUTRIAL TRAINING INSTITUTE	INSTITUTE
19	K.K.RETROFLEX SOLUTION	CIVIL
20	GOVT.APPROVED CONTRACTOR (CIVIL)	CIVIL
21	C.R.RADADIA'S ACADEMY	CIVIL
22	GAYATRI GEOTECHNIC RESEARCH	MECHANICAL
23	SHIPRA ENTERPRISE	CIVIL
24	PRAGATI MOTORS	MECHANICAL
25	TECHOMAX SOLUTION BHARUCH	COMPUTER
26	CODERKUBE TECHNOLOGIES SURAT	COMPUTER
27	IICL SKILL DEVELOPMENT PVT.LTD. ANKLESHWAR	INSTITUTE









Career Awareness Programme - 2022

On 28/05/2022 A.Y. Dadabhai technical institute successfully organized carrier awareness programme for SSC & HSC students. Being a technical institute & as a part of social service institute takes an initiative to aware the students & help them in selecting their carrier. More than 300 students and parents took part in this programme.

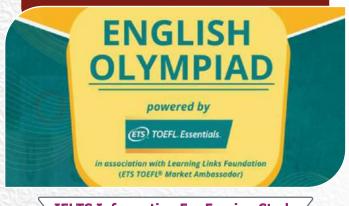




English Olympiad

Date: 28th August 2021

No. of Student Participate: 98



IELTS Information For Foreign Study

Date: 15th March 2023

No. of Student Participate: 120 Expert: Mr. Rahim Fruitwala (Division Head IICL, Ankleshwar)



Introduction About TOEFL IBT & GRE Test

Date: 15th October 2022

No. of Student Participate: 95 Expert: Miss Bhagyashree Vaswani (ETS India Resource Centre, Ahmadabad)



Entrepreneurship Awareness & Startup Opportunity

Date: 4th October 2022

No. of Student Participate: 70 Expert: Mr. Deepak Lagdhir

(Retired Regional Manager of CED, Gandhinagar)





My Story-Motivational Session on Successful Entrepreneur Start-up Founder

As a Part of Providing career guidance Students, A.Y. Dadabhai technical Institute Kosamba, Organized "My-story Motivational Session by successful Entrepreneur / Start up founder". On 12th October 2022. Total 100 Students Participated. Expert & Guest MR. Adnan Pothiwala, Who is founder & CEO of coderkube Technologies was present.





> Internship Summary - 2022 〈

As a part of GTU Syllabus, A.Y. Dadabhai Technical Institute Takes an Initiative to send Students for Summer Internship. Following is the summary of students who completed summer internship.

Branch	No. of Company	No. of Students	
Civil	05	15	
Computer	03	27	
Electrical	21	44	
Mechanical	29	70	
Total	58	156	

Expert Talk On Digital Marketing 🕻

Expert talk on digital marketing for all staff members, including H.O.D.s and the director, on September 9, 2023. A total of 41 Staff Members engaged in the event, which aimed to enrich their knowledge and skills in the dynamic realm of digital marketing. This session promises to enhance our staff's professional development, emphasizing the relevance of digital marketing in today's educational and business contexts.







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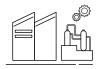
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CCTV CAMERAS AND SECURITY CABIN



CETP PLANT



COMMERCIAL SPACE



FIRE STATION



MEDICAL FACILITY



TRUCK TERMINAL FACILITY



CONFERENCE ROOM



66KV POWER SUBSTATION

Campus Interview

Syam Trelleborg LLP, SaykhaDate: 27th April 2023



Saint Gobain Pvt. Ltd., Jhagadiya



Gerresheimer (Neutral Glass) Kosamba



Kmphitech, Surat Date: 13th April 2022



Brakes India Pvt. Ltd., Jhagadia Date: 27th July 2022



Astek Electricals India Pvt. Ltd.Date: 31st May 2023



Miranda Tools, Ankleshwer Date: 13th October 2021



Expert Talk On Digital Marketing

A.Y. Dadabhai Technical Institute, Kosamba, hosted an expert talk on digital marketing for all staff members, including H.O.D.s and the director, on September 9, 2023. A total of 41 participants engaged in the event, which aimed to enrich their knowledge and skills in the dynamic realm of digital marketing. This session promises to enhance our staff's professional development, emphasizing the relevance of digital marketing in today's educational and business contexts.





Our Recruiters



































Placement: 2022 - 2023



Patel Smit Rajeshbhai

Mechanical Engg. Dept. L & T Defence Hazira Package: 2.76 Lakh (P.A.)



Paswan Dindaval

Mechanical Engg. Dept. L & T Defence Hazira Package : 2.76 Lakh (P.A.)



Vohra Mohammad Aman S.

Mechanical Engg. Dept. PGP Glass Kosamba Package : 1.80 Lakh (P.A.)



Tank Kaushal Sureshbhai

Mechanical Engg. Dept. PGP Glass Kosamba Package : 1.80 Lakh (P.A.)



Mirza Nauman Farid M. Shakil

Mechanical Engg. Dept. PGP Glass Kosamba Package : 1.80 Lakh (P.A.)



Mukgarjee Prithijeet

Mechanical Engg. Dept. Shyam Trelleborg tires LLP, Dahej Package : 1.98 Lakh (P.A.)



Hussi Mohammeduvesh Ilyas Siddik

Mechanical Engg. Dept. Shyam Trelleborg tires LLP, Dahej Package : 1.98 Lakh (P.A.)



Raj Mohammedhashmi Shabbirbhai

Mechanical Engg. Dept. Saint Gobain, Jhagadia Package : 1.76 Lakh (P.A.)



Shaikh Mo. Zaid Mohamad Farook

Mechanical Engg. Dept. Brakes India PVT. Ltd. Jhagadia Package : 1.74 Lakh (P.A.)



Yadav Ajay Ramchandra

Mechanical Engg. Dept. Gerreshiemer (Neutral Glass) Kosamba Package : 1.56 Lakh (P.A.)



Shaikh Salman Shabbir

Mechanical Engg. Dept. Gerreshiemer (Neutral Glass) Kosamba Package : 1.56 Lakh (P.A.)



Thakor Dhruvsinh Rajendrasinh

Mechanical Engg. Dept. Ansa Deco Glass Pvt. Ltd. Package : 1.80 Lakh (P.A.)



Solanki Bhumikkumar Jitendrabhai

Electrical Engg. Dept. L &T Hydrocarbon, Surat Package : 2.97 Lakh (P.A.)



Manani Vaishvik Rajendrakumar

Electrical Engg. Dept. L&T Construction Package : 2.97 Lakh (P.A.)



Munshi Hamza Mohammed Asif

Electrical Engg. Dept. L&T Hydrocarbon, Surat Package : 2.97 Lakh (P.A.)



Patel Meetkumar Narendrabhai

Electrical Engg. Dept. Tata Power Co. Ltd. Package : 2.80 Lakh (P.A.)



Saiyad Asbabhusen Salimmiya

Electrical Engg. Dept. Tata Power Co. Ltd. Package: 2.97 Lakh (P.A.)



Surati Milapkumar Maheshbhai

Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package: 1.86 Lakh (P.A.)



Shaikh Mohammedfaiz Mo. Siddik

Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package : 1.86 Lakh (P.A.)



Shaikh Adnan Mohmedanish

Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package : 1.86 Lakh (P.A.)



Shaikh Talha

Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package : 1.86 Lakh (P.A.)



Modi Kasim Iqbal

Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package: 1.86 Lakh (P.A.)

Placement : 2022 - 2023



Electrical Engg. Dept. Arcelor Mittal Nippon Steel India. Package : 1.86 Lakh (P.A.)



Electrical Engg. Dept. Sahayadri Pvt. Ltd. Mahuvej Package : 1.98 Lakh (P.A.)



Electrical Engg. Dept. Saint Gobain, Jhagadia Package : 1.74 Lakh (P.A.)



Mansuri Maeez Varishbhai Electrical Engg. Dept. Saint Gobain, Jhagadia Package: 1.76 Lakh (P.A.)



Electrical Engg. Dept. Saint Gobain, Jhagadia Package : 1.76 Lakh (P.A.)



Ansari Mohammadsahil Mo. Parvez Electrical Engg. Dept. Saint Gobain, Jhagadia Package : 1.76 Lakh (P.A.)



Karigr Mahamadfaiz Harunbhai Electrical Engg. Dept. Saint Gobain, Jhagadia Package : 1.74 Lakh (P.A.)



Padhiyar Balwantbhai Naginbhai Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package: 1.56 Lakh (P.A.)



Vasava Atishkumar Arvindbhai Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package: 1.56 Lakh (P.A.)



Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package : 1.86 Lakh (P.A.)



Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package : 1.56 Lakh (P.A.)



Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package : 1.56 Lakh (P.A.)



Electrical Engg. Dept.
Astek Electricals India Pvt Ltd.
Package: 1.56 Lakh (PA.)



Electrical Engg. Dept.
Astek Electricals India Pvt Ltd.
Package: 1.56 Lakh (P.A.)



Rathod Jaydevkumar Mangabhai Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package: 1.56 Lakh (P.A.)



Electrical Engg. Dept. Astek Electricals India Pvt Ltd. Package : 1.56 Lakh (P.A.)





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Tel.: (O) +91 2637 235895

98241 06895



ચઝદાન (કોલાહ) કોર્લ્ડ્રીક્સની સામે, મોટા બજાર, નવસારી



Women In Development Cell

The WID Cell of A.Y. Dadabhai Technical Institute was established in September 2012 with the tag line as "Udaan... Hounslon Ki" The WID cell will look after the welfare of the women employees / students and promote their all around development.

The WID Cell seeks to encourage girl students to work towards their personal and social development. The role of the cell is to equip the students with the requisite awareness and self confidence, which in turn would allow them to take their rightful place in society.

Aims & Objectives:

- (i) To Create social awareness about the problems of women and in particular regarding gender discrimination.
- (ii) To organize seminars, workshops for creating general awareness.
- (iii) To organize various type of training programmes for the encouragement of self employment and self reliance.
- (iv) To provide assistance for taking preventive steps in matter of gender discrimination and sexual harassment.

Activities:

Sr.No.	Name of Activity	Date	Objective
01	Celebration of "Vishva Matrubhasha Divas"	21st Feb. 2023	To create awareness & sensitize the importance of Matrubhasha among students
02	Celebration of Women's Day with Poster Presentation	8th March 2023	Students can convey their feelings with innovative ideas.
03	Make-over Competition	28th July 2023	To develop self-confidence & provide platform to capers their talent & skills.
04	Celebration of Women's Day by Guest Lecture on Women Empowerment	8th March 2023	Awareness about Women Empowerment
05	One Day Workshop on Self Defense	11th April 2022	Awareness about various self defense technique
06	Orientation Programme	14th Nov. 2022	Welcome of New Students & aware about the cell & its activities
07	Motivational Lecture on International Day for the elimination of violence against women	25th Nov. 2022	Create awareness towards elimination of violence against women
08	Competition on the theme of "Food Without Fire"	29th Nov. 2022	To exhibits their cooking skill by using different ingredients & without fire

Congratifations

New Faculty Appointments



Mr. Mohsin Y. Jamadar Lecturer (Computer Engg.) M. Tech (Computer) Experience : 14.6 Years



Miss. Dipali K. Chauhan
Lecturer (Computer Engg.)
B.E. (Computer)
Experience: 2.6 Years



Mr. Mohsin S. Gangat Lecturer (Computer Engg.) M. Tech (E & TC) Experience : 14 Years



Mrs. Dipali A. Chauhan
Lecturer (Computer Engg.)
B. Tech (Computer)
Experience: 1.2 Years



Mrs. Dharmistha T. Parmar Lecturer (Computer Engg.) M. Tech (Computer) Experience: 1.2 Years



Mr. Suhel I. Patel Lecturer (Computer Engg.) M. Tech (CSE) Experience : 13.6 Years



Mr. Pratik M. Gohil Lecturer (Computer Engg.) B.E. (Computer) Experience: 4.6 Years



Mr. Mohmed I. Pandor Lecturer (Computer Engg.) M. Tech (CSE) Experience: 13.6 Years



Hiralben Kiransinh Solanki
Lecturer (Science & Humanity Dept.)
M.Sc. B.Ed. with Physics
Experience: 5 Years



Mr. Abhi Parmar Assistant (TPO) Diploma Mechanical Experience : --

Kamlesh H. Gajera

Mo.: 98249 13323

Vipul M. Gajera

Mo.: 98249 53825





"Adarsa" Voraji Street, Motavarachha, Surat.



Department
Profile
Profile
Civil Engineering
Department

Construct Mind
To
Design THE WORLD
TO
TO - 2001

Prof. N. J. PatelHead of Civil Engineering Department
Total Experience: 40 years 8 months

I take privilege to welcome you all to the Civil Engineering Department at A.Y. Dadabhai Technical Institute. The aim of the department is to impart the students a sound knowledge of Civil Engineering field.

The department was established in 2008 with the intake of 60 Students. The department is well equipped with Laboratories & State of the Art Infrastructure Facilities. The key strength of department is dedicated, qualified & experience faculty members.

I Congratulate our team of faculties & staff, and



Civil Engg. Department has been established with vision of developing quality engineers to fulfill the need of industries in forth coming days. Department is well equipped with qualified & dynamic facilities.

VISION

To impart knowledge of civil engineering with global perspective to our students and make them technologically sharp, ethically strong and employable to build our nation.

- To reinforce civil engineering knowledge and develop technical skill to serve globally in all areas of civil engineering.
- To promote students for innovative thinking and to bring out their inborn talent to face the challenges of civil engineering.
- To cultivate high regard for ethical principles and understandings of human and environmental realities.
- To provide necessary career guidance and train our learners to cater the need of technical manpower of industries.



also students for their keen efforts for achieving accreditation by NBA upto June 2025.

Civil Engineering Department committed to develop all around personality of the students by organizing various events such as academic, cultural, sports within or off campus.





Program Educational Objectives (PEOs):

- 1. Pursue technical knowledge & Project Management skills with entry-level civil engineering Profession.
- 2. Engage in lifelong learning to meet the challenges facing the profession & higher studies.
- 3. Having moral value & to contend with recent development in the field of civil engineering.

EXPERT: 2022 TO 2023

Sr. No.	Date	Expert Topic	Sem.	No. of Students	Objective
1	01/02/22	Preparation of aptitude test by Dr. H. S. Jariwala Mr. P.K. Patel - Lecturer J.H.D. Polytechnic, Palsana, Surat	06	20	Aptitude Preparation
2	05/02/22	Field application of IS - 456-2000 by Mr. S. V. Jaganiya Asst. Prof. Civil Engg. Department GIDC, Navsari	06	20	IS-456-2000 Different Criteria Applicable Field
3	13/04/22	Basic of CAD by Mr. Mehul Gondaliya Trainer in Civil Training Institute, Surat	04	45	Basic of 2d & 3d Auto CAD

WORK SHOP

Sr. No.	Date	Expert Topic	Sem.	No. of Students	Objective
1	28/11/22 to 29/11/22	Basic Training on Civil Engg Software by Mr. Kiran Bhaviskar, CAD Expert Khodiyar CAD Center, Surat	04	45	Auto CAD 2d,3d & Revit Basic Training



Program Specific Outcomes (PSO):

- 1. The civil engineers will able to apply specific program principles of Design, Drawing, planning, surveying, estimating, construction and documentation of basic civil engineering.
- 2. The civil engineers will able to use knowledge in Material technology domains to provide solutions, innovations and engage in lifelong learning for professional growth.

Sr. No.	Pass Out Year	Total Students	Pass Out Students	Degree	Placement	Detail Not Available
1	2011	33	33		29	04
2	2012	46	45		40	05
3	2013	44	42	02	32	08
4	2014	55	43	02	27	14
5	2015	52	46	24	12	10
6	2016	43	38	24	10	04
7	2017	50	37	14	12	11
8	2018	40	21	09	11	
9	2019	52	52	22	14	16
10	2020	43	43	30	09	04
11	2021	47	38	15	09	14
12	2022	40	15	10	05	
13	2023	19	09	08	01	





VISIT: 2022 TO 2023

Sr. No.	DATE	VISIT PLACE	SEM.	NO. OF Students	OBJECTIVE
1	10/02/2022	Monarch Green Building at Pal, Dist. Surat	6	25	Green Building Construction and Rating - CQCM
2	28/03/2022	Madhuban Dam At Daman	4	17	Components of Dam - WRM
3	17/05/2022	Golden Plam City At Kosamba	2	45	Planning of Building - CED
4	05/09/2022	Work Shop Welding Shop At Aydti Workshop	5	21	Basic Detail Related To Welding - DSS
5	26/06/2022	Roof Truss At Aydti Workshop	5	21	Components And Loading Pattern Of Roof Truss - DSS
6	06/09/2022	Ambuja Knowladge Center At Vip Road Surat	5	20	Morden Technology In Concrete Mix Design - Concrete Technology
7	08/10/2022	Monarch Green Building at Pal, Dist. Surat	5	20	Concrete Mix Plant – Concrete Technology
8	30/11/2022	RMC Plant Projexon Building Con at Surat	5	20	Treatment of Sewage - WS&SE
9	24/12/2022	Sewage Treatment Plant At Bhesan Surat	3	45	Canal Head Regulator Working In Discharge - HYDRAULIC
10	27/12/2022	C/s Of Canal Cross Head Regulator At Mahuvej Kosamba	3	45	Seasoning Treatment Method On Timber – CM&T
11	33/11/2022	Sarda Timber Mart At Kosamba	3	45	Profile Leveling Survey In Hilly Area - SURVEYING
12	01/03/2023	Electrical Services At Victor Shopping Center, Kosamba	6	20	Layout Of Electrical Services - BS
13	05/04/2023	Shairu Gems At Katargam Surat	6	20	Concept Of Green Building - CQCM
14	19/06/2023	Tacheometry Traverse Survey Project At Timber Land, Navsari	4	40	Tachometry Traverse Survey At Hilly Area – ADVANCE SURVEY











Department
Profile
Computer Engineering
Department

Computer Engineering
Department

Computer engineering is a field of Innovation and newgen technology. As we know that the Computer Engineering is evolving day by day. More over we see changes and up gradation in every field of our society. Every body is in search of modern and tech savy solutions for themselves that will be effectively delivered by Computer Engineering. Computer engineers typically work within a team along with software developer sand other tech professionals. Certifications in software, programming languages, or hardware systems can lead to additional job opportunities. Computer Engineers are now contributing towards consumer electronics, medical devices, robotics, communication systems, aircraft, self-driving cars, etc.

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.

ISSION

- 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.



Mr. Abdullah M. HansIncharge Head
M.E. (Computer Engineering)
Total Experience: 11 years

We Live in a rapidly evolving world, a society that is constantly changing, progressing and advancing at on incredible pace. The influence of science, research, and technological advancement in our daily lives is all encompassing and inevitable.

In order to find technology-driven solutions to complex problem, the role of computer science engineers is of utmost importance. Across the globe every engineering domain is now recognizing the necessity of computer engineering. as it has become on indispensable requirement for solving real life problem in any field or industry.

The department of computer engineering at A.Y. Dadabhai Technical Institute started in the year 2009. Department has well qualified and experience faculty to inspire students to develop their technical skills. Right



Mr. Nikunj C. Tailor Total Experience: 13 years

from its inception the department has been offering excellent infrastructure facilities to motivate students to meet the demands of IT industry. Computer engineering department equipped with all the necessary facilities like smart classroom, advance laboratories with high-speed internet connection

In addition to academic activities, students get opportunity to participate in extracurricular activities to improve their non-technical skills apart from academic teaching.

Dear Students, always remember that your primary objective as engineers is to keep your skills updated with latest knowledge. This will ensure that you remain relevant in this ever changing world allowing you to lead and contribute to the growth of our nation.

Program Educational Objectives (PEOs):

Preparation:

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

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.

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.





Program Specific Outcomes (PSO):

- 1. Ability to apply mathematical strategics to solve complex computational problems, real time problems using proper data structure and appropriate algorithm.
- 2. Ability to understand design and development methodologies of software systems. Proficiency in broad range of programming development language and platforms.
- 3. Ability to understand the principles and working of computer system and all the aspects of hardware and software consideration.

Sr. No.	Pass Out Year	Total Students	Pass Out Students	Degree	Placement	Detail Not Available
1	2009	37	38	05	21	12
2	2010	41	38	24	03	11
3	2011	45	43	12	19	12
4	2012	39	34	11	08	15
5	2013	31	25	09	03	13
6	2014	31	31	08	05	18
7	2015	29	27	12	01	14
8	2016	26	26	10	05	11
9	2017	44	44	25	04	15
10	2018	67	66	13	08	45
11	2019	58	41	26	06	09
12	2020	59	46	28	08	10



Technical Activity List - Year 2022-23

Sr.No.	Nature Of The Activity	Date	No. of Participants	Objective
1	INDUSTRIAL VISIT AT BISAG-N	Sep. 22, 2022	43	Opportunity to interact with Industry Experts: Industrial visits provide students with a chance to meet industry leaders, professionals, entrepreneurs, policymakers, and corporates who share their wisdom, learning, and experiences.
2	INDUSTRIAL VISIT AT "TOPS TECHNOLOGY	Mar. 22, 2022	33	Opportunity to interact with Industry Experts: Industrial visits provide students with a chance to meet industry leaders, professionals, entrepreneurs, policymakers, and corporates who share their wisdom, learning, and experiences.
3	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	Sep. 15, 2023	119	The objective of expert lectures is to explore basics of Artificial Intelligence with industry experts. Expert session provide platform to students to express their ideas and view.
4	EXPERT LECTURE ON PYTHON PROGRAMMING	Sep. 15, 2023	89	The objective of expert lectures is to explore Python Programming with industry experts. Expert session provide platform to students to express their ideas and view.
5	EXPERT LECTURE ON DATA SCIENCE	Mar. 31, 2023	52	The objective of expert lectures is to explore Data Science with industry experts. Expert session provide platform to students to express their ideas and view.
6	EXPERT LECTURE ON BLOCKCHAIN TECHNOLOGY	Mar. 31, 2023	43	The objective of expert lectures is to explore Basic of Blockchain Technology with industry experts. Expert session provide platform to students to express their ideas and view.
7	EXPERT LECTURE ON ADVANCE CONCEPT - BOOTSTRAP	Dec. 30, 2022	36	The objective of expert lectures is to explore Bootstraps with industry experts. Expert session provide platform to students to express their ideas and view.
8	EXPERT LECTURE ON PYTHON	No. 11, 2022	50	The objective of expert lectures is to explore Python with industry experts. Expert session provide platform to students to express their ideas and view.
9	EXPERT LECTURE ON ADVANCE ANDROID CONCEPT – FIREBASE	Aug. 10, 2022	39	The objective of expert lectures is to explore Concept of Firebase in Android with industry experts. Expert session provide platform to students to express their ideas and view.
10	EXPERT LECTURE ON CAREER IN DIGITAL MARKETING	Mar. 29, 2022	42	The objective of expert lectures is to explore Digital Marketing with industry experts. Expert session provide platform to students to express their ideas and view.
11	EXPERT LECTURE ON LARAVEL	Mar. 12, 2022	49	The objective of expert lectures is to explore Laravel with industry experts. Expert session provide platform to students to express their ideas and view.
12	EXPERT LECTURE ON ADVANCE ANDROID	Feb. 8, 2022	45	The objective of expert lectures is to explore Advance concept of Android with industry experts. Expert session provide platform to students to express their ideas and view.



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Department Profile

Electrical Engineering Department



- 1. A Diploma course in Electrical Engineering imparts those technical skills and knowledge to the students that transform them in to trained and qualified personal study to be part of industrial manpower.
- 2. Electrical engineering course teaches various academic & practical aspects related to the electrical domain to the students in gradual and planned manner.
- 3. By doing Diploma in Electrical Engineering a student's gets opportunities to enter in to workforce just after 3 years of passing class 10.
- 4. The students have the opportunities to further studies in the form of bachelor of engineering in the line in various renowned technical institutions.

VISION

To prepare elctrical engineers by imparting innovative technical knowledge and skills for ever-changing needs of industries for sustainable development.

NOISSIU

- Prepare cadre of electrical engineers to cater to industrial development and economic growth of country.
- Educate and train electrical engineers to meet ever changing requirements of industries.
- Students will be made to interact with industries and other academic institution to serve society safety, effectively & efficiently.



Mr. M.S. DinathHead of Electrical Engineering Department
Total Experience: ---- years

Dear Students and Stakeholders,

I am proud to share the remarkable achievements of our Electrical Engineering Department at A.Y. Dadabhai Technical Institute in Kosamba. Our journey toward excellence has yielded commendable results.

Our department, accredited by the National Board of Accreditation (N.B.A.), continues to uphold high standards of education. It is our collective effort and dedication that have led to better academic outcomes, providing our students with a strong foundation for their future careers.

Notably, our commitment to quality education has translated into exceptional placement records for our graduates. They have secured positions in reputed organizations, a testament to their skills and the knowledge they've gained here.

However, our vision extends beyond academics and placements. We are equally focused on the holistic development of our students. Through various extracurricular activities, workshops, and industry

interactions, we ensure they graduate not only as competent engineers but also as well-rounded individuals ready to face the challenges of the real world.

As we move forward, we remain dedicated to our mission of nurturing talent, fostering innovation, and producing engineers who can make a meaningful impact on society.

I extend my heartfelt gratitude to our faculty, students, and all stakeholders for their unwavering support. Together, we will continue to strive for excellence and achieve even greater milestones in the future.



Program Educational Objectives (PEOs):

- 1. Prepare students so that they are technically qualified to analyze complex problems, design, create new products & are able to apply skills in engineering domain.
- 2. Excel in technical profession, industry OR higher education by providing strong foundation in mathematics Science and Engineering.
- 3. Create professional and ethical attitude, better communication skills and relate engineering issues to address technical and social challenges.







Program Specific Outcomes (PSO):

- 1. Work professionally to apply principles of electrical engineering and enhance technical skills as per industry and society need.
- 2. Select estimate and interpret data's of electrical and electronics system and to test and maintain various electrical equipments and suggest remedial measures.

Sr. No.	Pass Out Year	Total Students	Pass Out Students	Degree	Placement
1	2011	39	39	22	14
2	2012	58	57	37	16
3	2013	51	50	31	15
4	2014	56	52	30	18
5	2015	58	58	35	20
6	2016	59	55	30	20
7	2017	49	38	13	19
8	2018	50	33	14	22
9	2019	42	42	17	22
10	2020	38	38	15	12
11	2021	73	51	14	18
12	2022	71	53	14	15
13	2023	49	37	04	16





Details of Activity Arrange in Department During (2021-Till Date)

Sr.No.	Date	TOPIC		
1	14/08/2021	Aptitude Preparations by Mr. J.H. Desai	42	
2	26/08/2021	Electrical Traction System by Mr. C.J. Bhaidasna	44	
3	27/08/2021 & 28/08/2021	Microprocessors & Controller Applications by Mr. Hanif Kagdi	48	
4	29/11/2021 & 30/11/2021	Microprocessors & Controller Applications by Mr. Hanif Kagdi	43	
5	21/12/2021	Project by Mr. Saiyed Yasin	45	
6	2/7/2022	Solar Installation and Metering System by Mr. Chirag Patel	60	
8	2/12/2022	Switchgear & Protection by Mr. Vikas Yadav	52	
9	2/21/2022	Selection of Smart Switchgear by Mr. Jay Patel	60	
7	3/9/2022	Career selection after diploma & future of Electrical Vehicles by Dr. Nikunj R Patel	50	
10	9/1/2022	Energy Conservation & Audit by Mr. S K Nayak	44	
11	9/12/2022	Electrical Traction and Control by Mr. C.J. Bhaidasna	41	
12	9/13/2022	Microprocessor and Controller Applications by Mr. Hanif Kagdi	43	
13	9/29/2022	Use of Software Tools for Problem Analysis by Mr. Vasim H Ganchi	43	
14	10/1/2022	Economy of power plant and Tariffs by Dinanath Akela	25	
15	10/15/2022	TOEFL Information by Miss Bhagyashree Vasvani	45	
16	11/25/2022	DC Machines operations and applications by Mr. Hiren C Rana	73	
17	2/11/2023	Aptitute Test & Skills For Interview internship by Dr. Hitesh Jariwala & Mr. Janak Patel	41	
18	2/25/2023	One day workshop on PLC & SCADA by Bhavi Desai &Adarsh Mishra	41	
19	3/15/2023	IELTS Information for foreign study by Aplhatech Expert	41	
20	4/6/2023	Selection & Testing of LV Switchgear by Mr. Jay Patel	42	
21	5/30/2023	PLCc& Scada by Mr. Gaurav Singh	60	
22	9/16/2023	DC Machines & Transformer by Mr. V.K Patel	41	
23	9/16/2023	Traction and Control by Mr. C.J. Bhaidasna	30	
		VISIT		
24	2/24/2022	RAYZON GREEN ENERGIES	48+5	
25	3/12/2022	PRAGATI GLASS PVT. LTD	50+4	
26	5/17/2022	AMUL DIARY	55+5	
27	9/16/2022	GSECL,WANAKBORI	55+6	
28	10/13/2022	S.N PATEL INSTITUTE Of TECHNOLOGY	40+4	
29	1/10/2023	ACTIVE ELECTRICALS, JOLVA VILLAGE KARODARA	45+3	
30	2/4/2023	TESTING INSTRUMENTS , SURAT	38+3	
31	3/4/2023	R.N.G PATEL, BARDOLI	42+4	
32	3/18/2023	UKAI HYDRO POWER PLANT	49+4	
33	4/29/2023	KAKRAPAR ATOMIC POWER STATION	55+4	
34	6/7/2023	SAINT GOBAIN	36+3	
35	9/13/2023	BRINDAVAN PHOSPHATES PRIVATE LIMITED	29+4	







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Department
Profile

Mechanical Engineering
Department

Mechanical Engineering, the branch of engineering concerned with the design, manufacture, installation and operation of engines and machines and manufacturing process.



To groom self esteemed and creative human potential by enhancing their technical skills to make them market ready in the field of mechanical engineering.

MISSION

- To educate and mentor students to excel as professional by imparting them core knowledge of mechanical engineering.
- Nurture students with innovation and entrepreneurship skills to develop divergent thinking respond productively to the needs of the industries and society.
- Constantly strive to good governance in technical and soft skill along-with ethics and humanities

Prof. Kamlesh Hirubhai Patel
Head of Mechanical Engineering Department
Total Experience: 42 years
Co-ordinator: GTU Level Practical Exams



It is with great pleasure that I welcome you to the Department of Mechanical Engineering at A.Y. Dadabhai Technical Institute (Polytechnic). We started our journey in the year of 2008 affiliated with GTU. Over the last 15 years, we have grown our expertise and competence in the core Mechanical Engineering field. Our prime focus is given to deliver the programme that satisfying the outcome based education. The department is following requirements of washington accord and in the part of that we achieved accreditation by NBA upto June 2025.

In order to deliver advance curriculum, the department is well equipped with dynamic & qualified faculties, laboratories and state of the art facilities. That offers a wide spectrum of options to the students to pursue their interest and develop problem solving skills and innovation of new technologies.

Our department has an excellent record in GTU results. Our students obtained Gold Medals, Departmental Ranks in the University.







Program Educational Objectives (PEOs):

- 1. Successfully practice or apply the principles of Mechanical Engineering in a variety of employment areas.
- 2. Achieve profession success with an understanding and appreciation of ethical behavior, social responsibility, and diversity, both as individuals and in team environments with environment awareness.
- 3. Pursue continued life-long learning through professional practice, further graduate education or other training programs in engineering science or other professional fields.





Industrial visit at Brakes India, GIDC - Jhagadia.



Expert on 3d Printing & Its Application by Mr. Nevil M. Patel & Mr. Chirag K Balar

Program Specific Outcomes (PSO):

- 1. The mechanical engineers will be able to comprehend and apply the concept of CAD/CAM in engineering industries.
- 2. The Mechanical Engineers will be able to work in manufacturing industry in the field of Operations, Maintenance & Installations.

Sr. No.	Pass Out Year	Total Students	Pass Out Students	Degree	Placement	Detail Not Available
1	2011	39	37	19	16	2
2	2012	91	91	44	89	7
3	2013	94	89	46	36	7
4	2014	110	97	57	37	3
5	2015	113	102	57	39	6
6	2016	101	96	53	34	9
7	2017	101	89	36	48	5
8	2018	102	67	35	29	3
9	2019	74	46	18	28	-
10	2020	74	74	31	32	07 - Business 02 - IELTS
11	2021	119	64	32	29	03
12	2022	77	33	14	14	05 IELTS
13	2023	58	34	27	07	-



Visit at Keepsake Centre of Excellence, Ahmedabad.



Expert on Government Schemes for Entrepreneurs.

By Dr. Pooja Desai & Mr. Dhrumit Pardeshi

Details for Expert Lectures 2022 & 2023

Sr.No.	Date	Related Subject / Topic	Semester	No. of Participants
01	11-02-2023	"How To Crack Aptitude And Technical Test For The Interview" By Dr.Hitesh S Jariwala		61
02	11-02-2023	"Fabrication Technology And Non-Destructive Testing" By Dr.Hitesh S Jariwala	6th	61
03	12-05-2023	Fabrication Of Pressure Vessels And Its Applications By Mr. Moshinkhan A. Pathan	6th	54
04	20-5-2023	3d Printing And Its Application With Live Demonstration By Mr. Nevil M. Patel & Mr. Chirag K Balar	6th	58
05	20-5-2023	3d Printing And Its Application With Live Demonstration By Mr. Nevil M. Patel & Mr. Chirag K Balar	4th	45
06	25-5-2023	Introduction Of Autocad And Solidworks By Mr. Keyur Chavda & Mr. Harshit Patel	4th	45
07	24-8-2023	"Draft Sight (New Cad Software) & Solid Works" By Mr. Keyur Chavda & Mr. Harshit Patel	3rd	45
08	24-8-2023	"Draft Sight (New Cad Software) & Solid Works" By Mr. Keyur Chavda & Mr. Harshit Patel	5th	36
09	04-09-2023	"Various Schemes Of Government For Entrepreneurship" By Dr. Pooja Desai & Mr. Dhrumit Pardeshi	5th	38
10	01-02-2022	Aptitude Test- A First Step To Qualify For Mnc Recruitment By Dr.Hitesh S Jariwala 6th	6th	71
11	01-02-2022	Recruitment Policy And How To Face Interview? By Mr. Pradip K Patel 6th	6th	71
12	12-02-2022	Advancement In Cam By Mr. Keyur Chavada, Mr. Mitul Patel & Mr. Urmit Patel 6th	6th	69
13	29-04-2022	Introduction To Design Through Solidworks Interface By Mr. Keyur Chavada & Mr. Mitul Patel 4th	4th	73
14	06-07-2022	Draft Sight Webinar On "2d Drafting Software" By Mr. Dharmin 2nd	2nd	50
15	15-09-2022	Solid Works On Die & Mould By Mr. Keyur Chavada, Mr. Mitul Patel 5th	5th	71
16	01-10-2022	Basic Energy Economy Of Power Plant & Electrical Tariff Structure By Mr. Dinanath Akela 5th	5th	64
17	10-10-2022	Cad Software "Fusion 360" By Mr. Kiran Baviskar & Mr. Vikas Devganiya 5th	5th	66
18	10-10-2022	Cad Software "Fusion 360" By Mr. Kiran Baviskar & Mr. Vikas Devganiya 3rd	3rd	54

Summary of Industrial Visit 2022 & 2023

	r. o.	Date	Industry Name	Sem- ester	No. of Participants
	1	07/01/2023	AIA INDUSTRIAL EXPO-2023	3rd	55
	2	07/01/2023	SHREE ARBUDA FOUNDRY G.I.D.C. ANKLESHWAR	3rd	55
. (3	20/02/2023	KEEPSAKE CENTRE OF EXCELLENCE, AHMEDABAD	6th	53
	4	25/02/2023	SAI ENTERPRISE, BHATPORE G.I.D.C.SURAT	6th	54
!	5	25/02/2023	VINAYAK PACKAGING, BHATPORE G.I.D.C.SURAT	6th	54
(6	04/03/2023	BRAKES INDIA PVT. LTD. G.I.D.C. JHAGADIA	6th	27
	7	09/03/2023	BRAKES INDIA PVT. LTD. G.I.D.C. JHAGADIA	6th	19
8	8	11/04/2023	VIRTUAL INDUSTRIAL VISIT ON TATA STEEL AND JSW PLANT	6th	36
(9	26/04/2023	STEEL PECKERS, G.I.D.C. PANOLI	4th	44
1	0	10/05/2023	STEEL PECKERS, G.I.D.C. PANOLI	6th	61
1	1	16/09/2023	STEEL PLUS ENGG. (LATHE AND CNC) ICHHAPORE G.I.D.C. SURAT	5th	36
1	2	16/09/2023	VINAYAK PACKAGING, BHATPORE G.I.D.C.SURAT	5th	36

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	Sr. No.	Date	Industry Name	Sem- ester	No. of Participants
	13	16/09/2023	SAI ENTERPRISE, BHATPORE	5th	36
			G.I.D.C.SURAT		
•	14	07/01/2023	AIA INDUSTRIAL EXPO-2023	3rd	55
•	15	07/01/2023	SHREE ARBUDA FOUNDRY G.I.D.C.	3rd	55
			ANKLESHWAR		
•	16	12/03/2022	SAI ENTERPRISE. G.I.D.C.	6th	70
			ICHHAPORE,SURAT		
•	17	12/03/2022	VINAYAK PACKAGING,G.I.D.C.	6th	70
			ICHHAPORE,SURAT		
	18	09/04/2022	PANDVAI SUGAR FACTORY, PANDVAI	4th	62
	19	23/04/2022	SHREE GANESH ENGG. WORKS.	4th	61
			KOSAMBA		
	20	13/10/2022	MAHAVIR METAL INDUSRTIES,	3rd	54
			KHARACH, KOSAMBA		
	21	13/10/2022	GANESH ENGINEERING WORKS,	3rd	54
			KUVARDA, KOSAMBA		
	22	13/10/2022	MAHAVIR METAL INDUSRTIES,	1st	58
			KHARACH, KOSAMBA		
	23	13/10/2022	S.N.P.T.I. UMRAKH	5th	68



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Department Profile

Science & Humanities



Mr. Mitesh PrajapatiHead of Science & Humanity Department
Total Experience: 17 years

The department of Science & Humanities plays a vital role in grooming the students with basic knowledge of sciences and language. The department deals with Chemistry, English,

Mathematics, Physics Subjects. The department is also devoted for overall development of 1st year students of all branches.

At AYDTI our vision is to ignite the inherent application skills of theoretical knowledge with makes our students eminent & competent in their corresponding fields.

Running Ph.D in Mathematics under the guidance of Dr. Dilip Joshi, Head of the Department, Mathematics VNSGU.



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GTU TOPPERS

Winter - 2019 -



Mulla Jamil Ahmed Mohamed Iqbal

CPI: 9.52 Rank 2nd Sem. : 1
Electrical Engineering



Narwade Kiran Ramdas

CPI: 9.68 Rank 4th Sem.: 1
Mechanical Engineering



Ilavya Ankitkumar Vijaybhai

CPI: 9.59 Rank 3rd Sem. : 3
Electrical Engineering



Mulla Yunus Iqbal

CPI: 9.95 Rank 1st Sem. : 5
Electrical Engineering



Shaikh Mohammedaamir Saeedahmed

CPI: 9.74 Rank 5th Sem. : 5
Electrical Engineering

Summer - 2020



Mohamed Iqbal

CPI · 9 71 Rank 6th Sem ·

CPI : 9.71 Rank 6th Sem. : 2
Electrical Engineering



Narwade Kiran Ramdas

CPI: 9.84 Rank 3rd Sem.: 2
Mechanical Engineering



llavya Ankitkumar Vijaybhai

CPI: 9.69 Rank 3rd Sem. : 4
Electrical Engineering



Mulla Yunus Iqbal

CPI: 9.96 Rank 1st Sem.: 6
Electrical Engineering



Shaikh Mohammedaamir Saeedahmed

CPI : 9.78 Rank 4th Sem. : 6
Electrical Engineering



GTU TOPPERS

Winter - 2020



Chaudhari Sujal
Rajkumar

CPI: 10 Rank 1st Sem.: 1
Mechanical Engineering



Singh Abaypratap
Udaypratap
CPI:10 Rank 1st Sem.:1
Mechanical Engineering



Hakim Husainsiddique
Muhammedali

CPI:10 Rank 1st Sem.:1

Civil Engineering



Irfan

CPI: 10 Rank 1st Sem.: 1

Computer Engineering



Fatemabibi Akhtar Ali
Shaikh
CPI: 10 Rank 1st Sem.: 1
Computer Engineering



Gangadhar
CPI: 9.86 Rank 2nd Sem.: 1
Civil Engineering



Manani Vaishvik
Rajendrakumar
CPI: 9.63 Rank 6th Sem.: 1
Electrical Engineering



Ramdas
CPI: 9.90 Rank 1st Sem.: 3
Mechanical Engineering



Mohamed Iqbal
CPI: 9.62 Rank 1st Sem.: 3
Electrical Engineering



Ilavya Ankitkumar
Vijaybhai

CPI: 9.68 Rank 5th Sem.: 5
Electrical Engineering







Chaudhari Sujal
Rajkumar
CPI: 10 Rank 1st Sem.: 2
Mechanical Engineering



Udaypratap

CPI: 10 Rank 1st Sem.: 2

Mechanical Engineering



Fatemabibi Akhtar Ali Shaikh CPI: 10 Rank 1st Sem.: 2 Computer Engineering

GTU TOPPERS



Mulla Jamil Ahmed Mohamed Igbal

CPI : 9.71 Rank 1st Sem. : 4 **Electrical Engineering**



Narwade Kiran Ramdas

CPI: 9.93 Rank 1st Sem.: 4 **Mechanical Engineering**



Ilavya Ankitkumar Vijaybhai

CPI : 9.73 Rank 5th Sem. : 6 **Electrical Engineering**

Winter - 2021



Manani Vaishvik Rajendrakumar

CPI : 9.83 Rank 9th Sem. : 3 **Electrical Engineering**



Chaudhari Sujal Rajkumar

CPI: 9.98 Rank 5th Sem.: 3 **Mechanical Engineering**



Fatemabibi Akhtar Ali Shaikh

CPI: 10 Rank 4th Sem. : 3 **Computer Engineering**



Mulla Jamil Ahmed Mohamed Iqbal

CPI : 9.74 Rank 2nd Sem. : 5 **Electrical Engineering**



Parmar Chirag Hasmukh

CPI: 9.55 Rank 8th Sem.: 5 **Electrical Engineering**



Ramdas

CPI : 9.94 Rank 1st Sem. : 5 **Mechanical Engineering**



Summer - 2022



Chaudhari Sujal Rajkumar

CPI: 9.94 Rank 5th Sem.: 4 **Mechanical Engineering**



Narwade Kiran Ramdas

CPI : 9.91 Rank 9th Sem. : 4 **Mechanical Engineering**



Mulla Jamil Ahmed Mohamed Igbal

CPI: 9.78 Rank 2nd Sem. : 6 **Electrical Engineering**



Parmar Chirag Hasmukh

CPI : 9.62 Rank 6th Sem. : 6 **Electrical Engineering**



Narwade Kiran Ramdas

CPI : 9.95 Rank 1st Sem. : 6 **Mechanical Engineering**

Winter - 2022



Yakub
CPI: 9.67 Rank 5th Sem. : 1
Electrical Engineering



Rajkumar

CPI: 9.96 Rank 2nd Sem.: 5

Mechanical Engineering



Ramdas
CPI: 9.93 Rank 5th Sem.: 5
Mechanical Engineering



Singh Abaypratap
Udaypratap
CPI: 9.87 Rank 9th Sem.: 5
Mechanical Engineering





Ramdas

CPI: 9.94 Rank 3rd Sem.: 6

Mechanical Engineering



Rajkumar
CPI: 9.92 Rank 5th Sem.: 6
Mechanical Engineering

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रियस पेछन्टस

એસ.વી. રોડ, મોટાવરાછા, સુરત. M.: 98796 63474



રહે.: ૪૨૨, સહયોગ સોસા., હથુરણ રોડ, તરસાડી-કોસંબા, તા. માંગરોળ, જિ. સુરત.

5 Days Faculty Development Program

"Renewable Energy for Sustainable Development of Atma Nirbhar Bharat"

Jointly Organized By:

A.Y. Dadabhai Technical Institute (Polytechnic), Kosamba.

&

The Institute of Engineers (India) South Gujarat Local Center, Surat.
Under

I.S.T.E (Government of India) – Staff Chapter From: 22-08-2022 to 26-08-2022

A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba and The Institution of Engineers (India), South Gujarat Local Centre jointly organized 5 days faculty development program from 22-08-2022 to 26-08-2022 at Er. N.V. Vashi Auditorium, IEI South Gujarat Local Centre, Surat.



Lightening Lamp



Dr. Jignesh G. Vaghasia Chairman IEI SGLC Addressing



Keynote Speaker Dr. S.A. Channiwala Addressing



Dr. D. V. Patel, Principal A.Y.D. Technical Institute Addressing





Schedule of 5 Days FDP

Date	Time	Session Details/Topic	Subject Expert
22-08-2022	10:30 AM to 11:00 AM	Registration & Inauguration Ceremony	
22-08-2022	11:00 AM to 01:30 PM	Latest Advancements in Renewable Energy	Dr. S.A. Channiwala Retired Prof. of SVNIT, Surat
22-08-2022	02:30 PM to 04:00 PM	ISGF and Low Carbon Economy	Mr. K.H. Patel (Retired Principal of Government polytechnic, Surat)
23-08-2022	10:30 AM to 12:00 noon	Future Fuel	Mr. Dinanath Akela Hajira Industries Group, Surat
23-08-2022	12:00 noon to 01:30 PM	Renewable Energy of Sustainable Development of India	Prof. Ketan D. Panchal Prof. GEC, Surat
23-08-2022	02:30 PM to 04:00 PM	Current Trend in Energy Audit	Mr. M.A. Sheikh Lecturer & TPO of AYDTI, Kosamba
24-08-2022	10:30 AM to 04:00 PM	Industrial Tour and Visit	KPI Green Energy LTD. SUDI, Dist : Bharuch
25-08-2022	10:30 AM to 12:00 noon	Decoding Solar Policy and Regulatory from Work	Mr. Shahidul Hasan COO KPI Energy Ltd. Ind., Bharuch
25-08-2022	12:00 noon to 01;30 PM	Detection of Electricity Theft by AI, ML and DS.	Prof. Shabbir Ghadiali TPO, Scat Engg. College, Surat
25-08-2022	02:30 PM to 04:00 PM	Green House Using Renewable Energy	Mr. Bhavin Desai Renewable Energy Eonsultant, Surat
26-08-2022	10:30 AM to 12:00 noon	Planning of Micro Grid and Its Economical Analysis	DR. Shabbir Bohra HOD, Electrical Dept., SCET-Surat
26-08-2022	12:00 noon to 01:30 PM	Planning of Micro Grid and Its Economical Analysis	DR. Shabbir Bohra HOD, Electrical Dept., SCET-Surat
26-08-2022	02:30 PM to 04:00 PM	Feedback cum Assessment & Closing Ceremony	



Group Photo of AYDTI Staff





Implementation of SWAYAM and MOOC Courses <

SWAYAM is a Programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. SWAYAM is an instrument for self-actualization providing opportunities for a life-long learning. Here learner can choose from hundreds of courses, virtually every course that is taught at the university / college / school level and these shall be offered by best of the teachers in India and elsewhere. . SWAYAM comprises of nine national coordinators like AICTE, NIOS, NITTTR, IIMB, NPTEL, IGNOU, CEC, NCERT and UGC and offers 500 plus courses.

Institute has appointed one institute level coordinator as well as department coordinators to looks after the promotion and awareness activities of SWAYAM-NPTEL courses by advertising it on college notice boards & social media. Their role is to provide access to SWAYAM courses which helps students to resolve their problems locally by imparting information related to enrollment for courses, registration for exam and the certification for the courses.

Following are the list of committee members for SWAYAM and MOOC courses.

Sr.No.	.No. Name of Staff Designation	
01.	Mr. Yogesh A. Sakpal	Institute Coordinator (Mechanical)
02.	Mr. Abdulla M. Hans	Department Coordinator (Computer)
03.	Mr. Ravi J. Singh	Department Coordinator (Electrical)
04.	Mr. Ayaz M. Sheikh	Department Coordinator (Humanities & Science)
05.	Ms. Dharti K. Master	Department Coordinator (Civil)

Several faculties are benefitted by the SWAYAM/NPTEL. The list is provided about the number of participants who are benefitted.

Sr.No. Enrollment Year		No. of Participant
01.	2018-19	22
02.	2019-20	20
03.	2020-21	25

FACULTY DEVELOPMENT PROGRAMME: JUL - SEP 2022

Sr.No.	Faculty Name	Department	Course Name & Duration	Certificate (Yes/No)	Remarks
01	MR. P.J. SURTI			YES	
02	MR. S.A. KAPADIA			YES	
03	MR. M.S. KHALASI	MECHANICAL	EDUCATIONAL LEADERSHIP	YES	
04	MR. Y.A. SAKPAL	MECHANICAL	(8 WEEK)	YES	
05	MR. R.S. PATEL			YES	
06	MR. V.R. CHAUHAN			YES	

FACULTY DEVELOPMENT PROGRAMME: JAN - APR 2023

Sr.No.	Faculty Name	Department	Course Name & Duration	Certificate (Yes/No)	Remarks
01	MR. P.J. SURTI			YES	
02	MR. S.A. KAPADIA	MECHANICAL	TRAINING AND DEVELOPMENT	YES	
03	MR. V.R. CHAUHAN		(12 WEEK)	YES	
04	MR. M.A PRAJAPATI	GENERAL		YES	
05	MR. D.I. SURTI	MECHANICAL	PRINCIPLES OF INDUSTRIAL ENGINEERING (12 WEEK)	YES	

Other Online Learning Platforms













Awareness of G20 Summit

We are one of the leading institutions that focus on Building the better nation through quality education and also societal service. We wish to inform that **India will be hosting G-20 Summit in September 2023**. In order to launch a massive awareness campaign on India's G20 Presidency, the **A Y Dadabhai Technical Institute** has decided to conduct various activities.

Objectives:

- 1. Create awareness about the historical background of the G-20 Summit
- Develop knowledge about the objectives of the Summit
- 3. Promote understanding of its salient features and provisions
- 4. Encourage students to relate to different parameters of G-20

List of Events Under G20

Sr. No.	Event Name	Date	No. of Participants
01	G20 Quiz Competition	3rd March 2023	97
02	Women's Day Celebration (Poster Presentation)	8th March 2023	18
03	RANBHUMI-2023 (Sports Event)	17th March 2023 to 21st March 2023	319
04	PRAKALP-2023 (Project Fair Cum Competition)	29th Apr. 2023	201
05	Educational Career Guidance Program	25th May 2023	195





G20 Quiz Competition



PRAKALP-2023 (Project Fair Cum Competition)



Women's day celebration (Poster Presentation)



RANBHUMI 2023 (SPORTS EVENT)

Member of Student & Faculty Chapter

Indian Society for Technical Eductaion



The Indian Society for Technical Education is a National, Professional, Non-Profit Society registered under the Indian Societies Registration Act of 1860.

ISTE has an executive council at National Level. It has active membership of more than 97286 technical teachers,

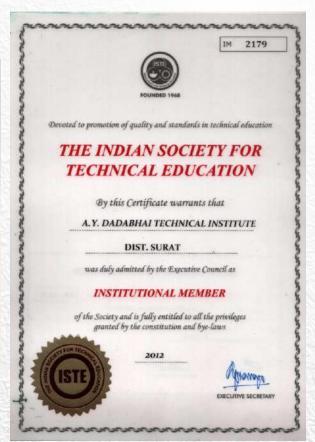
5,66,466 student members, more than 2345 institutional members including IITs, IISc, NITs and other leading technical institutions. 1166 faculty chapter and 1280 student chapters throughout the country.

The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Being the member of ISTE staff chapter & student chapter A Y Dadabhai Technical Institute committed to organized various technical activities for the development of faculties as well

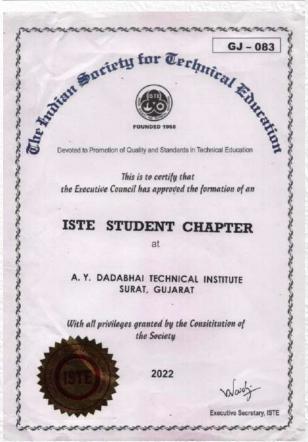
as students.

No. of Active
Faculties
40

No. of Active
Students
more than 250









Engergy Swaraj Movement

" Be the action - taker to mitigate climate change "

Prof. Chetan Singh Sonlanki, IIT Bombay is a founder of Energy Swaraj Foundation - a not for profit organization.

Through the Energy Swaraj Movement, the Energy Swaraj Foundation aims to achieve two main targets towards Awareness & Action. This movement targets:

- (i) To imparting energy literacy training to 1,000,000,000 people.
- (ii) Encouraging people to surrender electricity connection and switch 100% an Solar Energy.

The planet has become warmer by 1.1 degree centigrade. This global warming has caused climate change. The frequency & intensity of natural calamities like heat waves, cyclones, floods, droughts and forest fires due to human induced climate change have also increased.

The efforts made by Govt., International Bodies & NGOs are not enough to mitigate climate change. Every individual, rich or poor from developed or developing country has to contribute for taking action against climate change. A public movement is required for mitigate climate change.

A.Y. Dadabhai Technical Institute understand its responsibilities towards the planet earth and for that our faculties & students take part in energy swaraj movement and climate corrective action.

No. of participants completed the certificate course are,

Faculties: 40, Students: 200.



Cultural Activities

Cultural Activities are non-acadamic pursuits that provide students a platform to explore their interests and develops aesthetically, artistically, intellectually or socially. For that at A.Y. Dadabhai Technical Institute different activities are carried out, such as Sports, Painting, Music, Festival Celebrations, Quiz Competitions etc.

Engaging in extra curricular activities can motivate and encourage students to explore their potential. It also helps in physical, behavioral and social development of students. The exposure to a variety of activities and opportunities to express themselves, build self-esteem & confidence and also improve their sense of engagement or achievement with the institute.

Summary of Cultural Activity 2022-23

Sr. No.	Date	Activity	Competition	No. of Winners
1	5/6/2022	World Environment Day	Drawing	98
2	16/06/2022	Yoga awareness Programme	***	69
3	15/06/2022	8th International Yoga Day	***	82
4	14/08/2022	Azadi ka Amrit mohotsav	Elocution	15
			Drawing	56
			Rangoli	16
			Mahendi	20
5	5/9/2022	Teacher's Day	***	***
6	15/09/2022	National Engineers day	Non Technical Quiz	65
7	17/09/2022	Vishwakarma Jayanti	***	***
8	29/09/2022	Climate change youth Programme	Eassay	25
			Slogan	28
			Elocution	14
9	12/1/2023	National Youth Day	Eassay	49
			Elocution	21
			Poster Making	17

Summary of Cultural Activity 2023-24

Sr. No.	Date	Activity	Competition	No. of Winners
1	05/06/2023	World Environment Day	Drawing	84
2	20/06/2023	9th International Yoga Day	Suryanamaskar	72
3	21/06/2023	9th International Yoga Day	Yog Shibir	77
4	15/08/2023	77th Indepanadance day	***	***
5	05/09/2023	Teacher's Day	***	13
6	15/09/2023	National Engineers day	Industrial Visit	34







Social Responsibilities

A.Y. Dadabhai Technical Institute, strives to bring small but meaningful changes in the lives of the people and the environment around us.

We primarily focusing on to create awareness about higher education in the society, and specially for Girl Students. The institute organizes various programs on and off campus dedicated to the welfare of society. Some of the initiatives include:

- (i) Organize Awareness Programes about professional courses in various schools.
- (ii) Organize Career Guidance Programme after the declaration of Board Exam's Result.
- (iii) Distribute Question Paper Sets for preparation of board exams.
- (iv) Providing Personal & Financial Support to Students.





Carrier Guidance Programme - 2023



Carrier Guidance Programme - 2022



Awareness Programme







Media Mirror

એ.વાય.દાદાભાઈ ટેકૃનિકલ ઇન્સ્ટિટ્યૂટ કોસંબા ખાતે ધો.૧૦-૧૨ના વિદ્યાર્થીઓ માટે સેમિનાર યોજાયો

વિદ્યાર્થીઓ શિક્ષણ ક્ષેત્રે આગળ વધી સમાજ તથા કુટુંબનું નામ રોશન કરે તેવું મેનેજિંગ ડાયરેક્ટર હનીફભાઈ દાલચાવલ દ્વારા અનુરોધ કરાયો



એ. વાય. દાદાભાઈ ટેક્નિકલ ઇન્સ્ટિટ્યૂટ કોસંબા ખાતે ધો. ૧૦ તથા ધો. ૧૨ના વિદ્યાર્થીઓ તથા વિદ્યાર્થિનીઓ માટે કેરિયર બનાવવા અંગે એક માર્ગદર્શન સેમિનાર યોજાયો હતો. જેમાં મુખ્ય વક્તા ડો. ઇન્તેખાબ અન્સારી તેમજ અન્ય વક્તાઓએ શિક્ષણ ક્ષેત્રે સારી કારકિર્દી માટે વિસ્તૃત સમજ આપી હતી. (તસવીર : મુનીર શેખ, અંકલેશ્વર)

(મુનીર શેખ)

કોસંબા, તા.૨૭ ધી સુરતી સુત્રી વહોરા મુસ્લિમ એજ્યુકેશન સોસાયટી સંચાલિત એ.વાય. દાદાભાઈ ટેક્નિકલ ઇન્સ્ટિટ્યુટ કોસંબા ખાતે ધો.૧૦ તથા ધો.૧૨ના વિદ્યાર્થીઓ તથા વિદ્યાર્થિનીઓ માટે કેરિયર બનાવવા અંગે એક માર્ગદર્શન સેમિનાર યોજાયો હતો. જેમાં કાર્યક્રમની શરૂઆત तिवावते इअनि पाड दारा કરાઇ હતી ત્યારબાદ સંસ્થાના મેનેજિંગ ડાયરેક્ટર હનીફભાઈ દાલચાવલ દ્વારા મહેમાનોનું પુષ્પગુચ્છથી સ્વાગત તથા પરિચય કરાવાયો હતો.

જેમાં તેઓએ પોતાના સ્વાગત પ્રવચનમાં વિદ્યાર્થીઓ તથા વિદ્યાર્થિનીઓને જણાવ્યું

હતું કે, વિદ્યાર્થીઓ તથા વિદ્યાર્થિનીઓ ધો.૧૦ તથા ધો.૧૨ પછી પોતાનું કેરિયર બનાવી ખૂબ આગળ વધે અને સમાજ તથા તેઓના કુટુંબનું નામ રોશન કરે. ત્યારબાદ ઇન્સ્ટિટ્યુટના એમ.એસ. દિનાથ, પીં.જે. સુરતી, એ.એસ. ધરિયા તથા કમલેશભાઈ ફાંસિયા તથા એમ.એ. શેખ અને આમલાન ચક્રવતી દારા શૈક્ષણિક બાબતે વિસ્તૃત પ્રવચન કરીને વિદ્યાર્થીઓને તથા સાથે પધારેલા વાલીઓને સમજ આપી હતી.

ત્યારબાદ મુખ્ય વક્તા ઇન્તેખાબ અન્સારી દારા ધો.૧૦ તથા ધો.૧૨ પછી શૈક્ષણિક કારકિર્દી કેવીરીતે બનાવવી જે અંગે વિસ્તૃત

માહિતી આપી અને અનેક પ્રસંગોપાત મુદ્દા પર તેઓએ સમજ આપી હતી અને જણાવ્યું હતું કે, કોઈપણ વ્યવસાયમાં સફળ થવું હોય તો મહેનત કરવી ખૂબ જ જરૂરી છે.

આ પ્રસંગે ધી સુરતી સુન્ની વ્હોરા મુસ્લિમ એજયુકેશન સોસાયટીના જનરલ સેક્રેટરી સેઈદભાઈ દરસોત, જો. સેક્રેટરી આદમભાઇ બડાટ, ઝિયાઉદ્દીન કાઝી, ઇબ્રાહિમભાઈ સાજી મેમાન સહિતના અગ્રજીઓ હાજર રહ્યા હતા.

અંતમાં એ.એમ. હાંસદ્વારા આજના આ કાર્યક્રમમાં પધારવા બદલ તમામનો આભાર વ્યક્ત કર્યો હતો. મિસીસ સ્નેહા માણિક દ્વારા રાષ્ટ્રગીત રજૂ કરાયું હતું.

સંક્ષિપ્ત સમાચાર



અમદાવાદનાં ચાંદખેડા ખાતે આવેલ યુનિવર્સિટી કેમ્પસમાં ગુજરાત ટેક્નોલોજીક્લ યુનિવર્સિટીનાં 15માં સ્થાપના દિન નિમિત્તે તા.16મેનાં રોજ એક સમારંભનું આયોજન કરવામાં આવ્યું હતું .આ પ્રસંગે યુનિવર્સિટી સંલગ્ન કોલેજો પૈકી જેમણે NBA (નેશનલ બોર્ડ ઓફ એક્રેડીટેશન) ભારત સરકાર દ્વારા સર્ટિફિકેટ મેળવ્યું હોય તેવી કોલેજોનાં ડાયરેક્ટર તેમજ પ્રિન્સીપાલોનું સન્માન કરવામાં આવ્યું હતું જેમાં કોસંબા ખાતે કાર્ચરત એ.વાય દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ કોલેજનાં ડાયરેક્ટર મો.હનીફભાઈ દાલચાવલને રાજ્યનાં શિક્ષણ મંત્રી જુતુભાઈ વાઘાણીનાં હસ્તે એવોર્ડ અને સન્માનપત્ર સુપ્રત કરવામાં આવ્યું હતું. (તસ્વીર : ભીષ્મ રાવલ)

કોસંબાની દાદાભાઈ પોલીટેકનીક કોલેજની વિદ્યાર્થીની કોમ્પ્યુટર વિષયમાં યુનિ.માં પ્રથમક્રમે

તરસાડી : કોરાંબા ખાતે કાર્ચરત એ વાય દાદાભાઈ ટેકનીકલ ઈન્સ્ટીટ્યુટ કોલેજમાં કોમ્પ્યુટર વિભાગમાં અભ્યાસ કરતી વિદ્યાર્થીની ફાતેમાબીબી અખ્તરઅલી શેખ ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી દ્ધારા લેવાયેલ ત્રીજા સેમેસ્ટરની પરિક્ષામાં સમગ્ર યુનિવર્સિટીમાં બધી કોલેજોની તમામ શાખામાં પ્રથમક્રમ મેળવતા કાતેમાબીબી શેખે કોસંબાની એ.વાય

દાદાભાઈ ટેક્નીક્લ ઈન્સ્ટીટ્યુટ પોલીટેક્નીક કોલેજનું ગૌરવ વધાર્યું છે.



કોસંબાની દાદાભાઇ ઇન્સ્ટીટ્યુટમાં 155

વિદ્યાર્થિનીઓને સ્વરક્ષાની તાલીમ અપાઇ

SŞ nısxajc એ.વાય. દાદાભાઈ ટેકૃનિકલ ઇન્સ્ટિટ્યુટ કોસંબા ખાતે સ્વતંત્રતો દિનની ઉજવણી

કોસંબા, તા.૧૭ ા. દાદાભાઈ ધ્વજારોહણ કરી તિરંગાને ટેકનિકલ ઇન્સ્ટિટ્યૂટ કોસંબા સલામી અર્પણ કરાઈ હતી. આ પ્રસંગે ઇન્સ્ટિટ્યૂટના શિશકો, ખાતે ૭૭મા સ્વતંત્રતા દિવસ ઇલેક્ટ્રિક વિદ્યાર્થીઓ તથા સ્ટાફ હાજર એન્જિનિયરિંગ ડિપાર્ટમેન્ટના રહ્યા હતા.

ડિકેન્સની ટેકનિક શિખવાડવામાં વિદ્યાર્ધિનીઓને આત્મરક્ષા બહારી આવી છે, જેમાં વિદ્યાર્થીઓએ તત્ત્વોથી કેવી રીતે કરવામાં આવે ઉત્સાહપૂર્વક ભાગ લીધો હતો. તેની ટેકનિક શિખાડવામાં આવી તાજેતરમાં મહિલાઓ સાથે હતી મોટે ભાગે કોલેજમાં ભણતી ગુનાહિત ભંગીર પ્રવૃત્તી બાદ વિદ્યાર્ધિનીઓ જ્યારે કોલેજમાં ફરી એકવાર મહિલાઓને સ્વરક્ષા આવવા જવાના રસ્તા ઉપર માટેની જરૂરિયાત ઊભી થઈ બજાર વગેરે વિસ્તારોમાં છેડતીનો છે. શાળા કોલેજોમાં સંચાલકો શિકાર થતી હોય છે. આવા સમાયે અને કોલેજ સંચોલકો પોતાના પોતાની સાથે રહેલી ઓઠકાી, પર્સ, વિદ્યાર્થીઓને કરાટેના તજજ્ઞો સ્કૂલબેગ, માયાની હેરપીન અથવા દારા સ્વરક્ષાની તાલીમ આપવામાં એક સામાન્ય પેનની મદદથી આવી રહી છે. કોસંબા સ્થિત હુમલાખોરનો કેવી રીતે પ્રતિકાર એ. વાય દાદાભાઈ ટેકનિકલ કરવો, પોતાની જાતને કેવી રીતે ઈન્સ્ટીટ્યુટ કોલેજમાં ભાગતી વિદ્યાર્થિનીઓ માટે વુમન ઈન દ્વારા બતાવવામાં આવી હતી. ડેવલોયમેન્ટ સેલ્ફ ઉડાન દ્વારા

એ, વાય દાદાભાઈ ઈન્સ્ટીટ્યુટ સેન્સાઈ કરાટે ટીચર ઓ. પી. કોલેજમાં વિદ્યાર્થિનીઓને સેલ્ક સીંગની મદદયી કોલેજની 115 બચાવી તેવી ટેકનિક ઓપીસીંગ આ સેમિનારમાં વિદ્યાર્થિની અને કોલેજમાં કોર્સબાના એસએસ શિલકોએ ભાગ લીધો હતો.

એ.વાય. દાદાભાઇ ઇન્સ્ટિ.ના ગ્રંથપાલ નિહારિકા લાડ Ph.D.



એ.વાય.દાદાભાઈ ટેક્નિકલ ઈન્સ્ટિટ્યુટના ગ્રંથપાલ નિહારિકા ધીરજલાલ લાડ દ્વારા ડિપાર્ટમેન્ટ ઓફ લાઇબેરી એન્ડ ઈન્કોર્મેશન સાયન્સ વિષયમાં "READING INTEREST OF TRIBAL AREA COLLGE STUDENTS AFFILIATED TO VEER NARMAD SOUTH GUJAT UNIVERSITY - A STUDY" -u શીર્ષક હેઠળ મહાશોધ નિબંધ વીર નર્મદ દક્ષિણ ગુજરાત

યુનિવર્સિટીમાં રજૂ કર્યો હતો. જેને માન્યતા આપી તેણીને પીએચ.ડી.ની ડિગ્રી એનાયત કરવામાં આવી હતી. આ સંશોધન કાર્ય તેણીએ સ્મીમેર મેડિકલ કોલેજના ગંથપાલ ડૉ. સંજીવકુમાર શર્માના માર્ગદર્શન હેઠળ પૂર્ણ કર્યું હતું.



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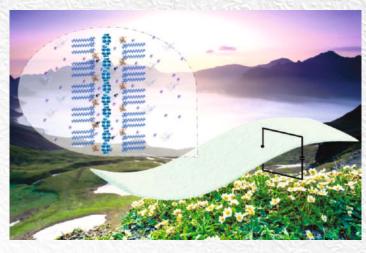




New power generator produces continuous electricity from natural atmospheric humidity

Scientists are exploring methods to hardness the low value energy found in natural environment to produce electricity.

A ground breaking development has emerged: A power generator that leverages natural atmospheric humidity and produces continuous electrical signals. Remarkably, it is the first humidity generator that employs a Nano sized material known as Polyoxometalates. Polyoxometalates known as POMs have unique morphology and functional properties which make the especially useful in controllable synthesis, assembly and performance. POM Nano materials can self-assemble to form micro porous structures that are capable of



collecting atmospheric humidity. The material is environment friendly with great stability in light, heat and chemical environments.

The scientist constructed material (PMOs) into organic ammonium polyoxonion clusters. The clusters were assembled into thin film power generators with tiny Nano sized pores called micro-pores that are capable of working in atmospheric humidity. The scientists produce their tiny POM generator produced a voltage of 0.68V was stable and worked continuously under almost all natural environments with atmospheric humidity ranging from 10% to 90%.

Working Mechanism & Potential Applications:

The POM atmospheric humidity generator works as the POM a Nano cluster that absorbs atmospheric humidity with the micro-pores in POM Nano wires films. They form a distribution gradient of water which is the structural basis of power generator.

The POM power generator can effectively collect the natural atmospheric humidity and produces continuous electrical signals by the uneven distribution and directional movements of ions.

Potential Applications:

Detection of human respiratory processes, the detection, recording and alarm of environment humidity, the integration with electrical appliances to achieve continuous power supply of the equipment and meeting the electricity needs of multiple scenarios.

Path Ahead:

The ultimate goal is to achieve the efficient use of humidity generators to promote sustainable development of energy & environment by exploring the mechanism that optimized the efficiency of the humidity generator.

Ref:

Polyoxometalates for continuous power generation by atmospheric humidity by Tuo Ji, Weilin Chen.... August 2023; Nano Research.

- By P.J. Surti (Lecturer, Mechanical Engineering)

Digital Manufacturing



What is digital manufacturing?

Digital manufacturing is an integrated approach to manufacturing that uses computer technologies to improve manufacturing operations. Manufacturing facilities are increasing the amount of automated tools on the ground, so companies need digitized systems on the business end to monitor, analyze, and model all of the machines to optimize the process. The goals of digital manufacturing include efficiency ("lean-ness"), flexibility, design, and integration.

Why Digital manufacturing is important?

Digital manufacturing is an appealing concept because it enhances connectivity, productivity, quality, and consistency, through automation intelligence and virtual representation – effectively lowering costs and helping companies stay competitive.

Digital manufacturing helps increase brand awareness, consequently assisting businesses to provide more customer-specific solutions. Digital manufacturing allows companies to gain better insight into supply chain issues, such as inventory levels, delivery status, and demand cycles.

This increased visibility helps reduce unnecessary risks and costs associated with things like excessive inventory.

Types of digital manufacturing

There are three main types of digital manufacturing. Each corresponds to a different part of the manufacturing process, from product design to production to resource management to customer satisfaction.

Product life cycle:

The product life cycle begins with engineering design before moving on to sourcing, production, and customer service management. At each step of the way, data analytics can account for revisions and monitoring that can impact the entire life cycle.

Smart factory:

With the use of smart machines and sensors, workers receive real-time data about the functions they are performing. This feedback forms the connection between operations teams that monitor the machines and the <u>information technology (IT) teams that deal with the back-end systems like SAP. Both use business intelligence (BI) tools to analyze, track, and improve performance.</u>

Value chain management:

The point of value chain management is to minimize resources and continuously assess value at every stage of the chain so that processes can be integrated, inventories can stay lean, and customer demands can be satisfied.

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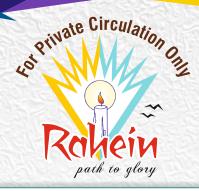
The point of value chain management is to minimize resources and continuously assess value at every stage of the chain so that processes can be integrated, inventories can stay lean, and customer demands can be satisfied.

Benefits of digital manufacturing:

Digital manufacturing has many benefits for the manufacturing industry as it streamlines and evolves processes to suit the 21st century.

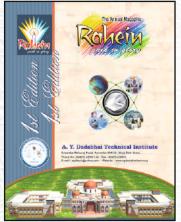
Increased efficiency: An integrated, digitized manufacturing process eliminates errors that may arise due to incorrect data which is common with manual or paper-based systems.

- By P.J. Surti (Lecturer, Mechanical Engineering)



"Rahein - Path to Glory" is the Annual Magazine that have been published by A.Y. Dadabhai Technical Institute. It provides platform to the Students, Faculties & other Stakeholders to showcase their library skill and express their creativity. "Rahein" is designed to presents to its readers, Academic Reports, Events, Achievements that have been secured by the Institute in the past years. It also comprises Recent Technical Developments, Current issues, and other form of literary articles.

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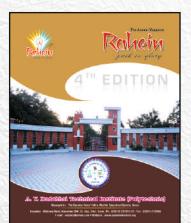




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5th EditionDate: 21st January, 2019





ગુજરાતી

પંજાબી

ચાઈનીઝ

રાજસ્થાની

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- 9825166607
- એ-૩૪-૩૬, વિશાલ ભવન, વિશાલનગર-૧, અનાથ આશ્રમ પાછળ, કતારગામ રોડ, સુરત





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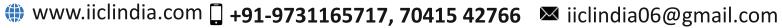
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