

NEWSLETTER

VOLUME-1

2022-23



A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)

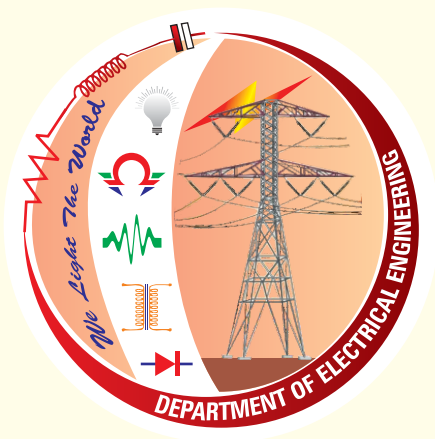
Kosamba-Mahuvej Road, Kosamba, Dist. – Surat.

ELECTRA

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

ELECTRICAL ENGINEERING DEPARTMENT

The Electrical Engineering Department of A.Y. Dadabhai Institute, Kosamba. The Department here Welcome to our newsletter! Here, we share the highlights, achievements, and moments that make our department special. From projects and workshops to student successes, this edition reflects our passion for learning and growing together. Let's stay connected, inspired, and always charged with new ideas!



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A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)



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ELECTRICAL ENGINEERING DEPARTMENT

Message from Director, A.Y.D.T.I



Dear Faculty, Staff, and Students of the Electrical Engineering Department,

It gives me immense pleasure to extend my warm greetings to all of you through this edition of the department newsletter. The Electrical Engineering Department has consistently demonstrated excellence in academics, research, and innovation, playing a pivotal role in the growth and reputation of our institute.

Over the past year, I have observed with great pride the strides made by the department in integrating emerging technologies, fostering interdisciplinary research, and nurturing the next generation of engineers. Your collective efforts in promoting a culture of inquiry, collaboration, and continuous improvement are truly commendable.

I would also like to recognize the achievements of our students and faculty, whose hard work and dedication have led to numerous accolades, publications, and successful industry partnerships. These accomplishments not only reflect the strength of the department but also reinforce our commitment to creating a vibrant and dynamic learning environment.

As we look ahead, I encourage the department to continue pushing the boundaries of innovation, while upholding the values of integrity, inclusivity, and academic excellence. Let us work together to inspire, empower, and make a meaningful impact in the world through engineering.

With best wishes for continued success,

Mr. M.M. Dalchawal

ABOUT THE A.Y. DADABHAI TECHNICAL INSTITUTE, KOSAMBA



A.Y. Dadabhai Technical Institute (AYDTI) is a premier polytechnic institute located in Kosamba, Surat District, offering top-notch technical education to students aspiring to excel in engineering and technology. Established under the management of The Suratee Sunni Vohra Muslim Education Society in year 2008 with (Reg No: F-14), AYDTI is dedicated to fostering innovation, skill development, and academic excellence.

Approved By:

All India Council for Technical Education (AICTE), New Delhi. (Permanent ID: 1-404292091)

Affiliated with:

Gujarat Technological University, Ahmedabad. (Institute Code: 601)

Accredited by NBA:

All five programs (Civil, Mechanical, Computer, Electrical)

Ranked by GSIRF:

Recognized for academic excellence and infrastructure.

ABOUT THE ELECTRICAL DEPARTMENT

Year of establishment's: 2008

Intake: 2008 to till date : 60 Seats

Infrastructure Details:

No. of Classrooms: 03

Laboratory : 06

Electrical Circuit Lab

Electrical Machine Lab

Power Electronics Lab

PLC Lab

Electrical Instrumentation Lab

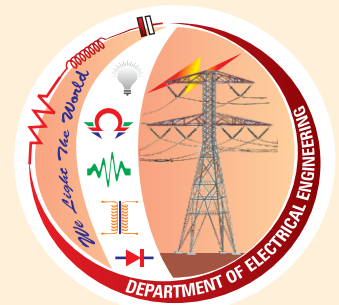
Digital Electronics & Microprocessor Lab

Project Lab with Computer Facilities

Faculties :

Teaching : 07

Non - Teaching : 04



Message from Principal, A.Y.D.T.I



It gives me immense pleasure to pen a few words for the yearly newsletter of the Electrical Engineering Department at A.Y. Dadabhai Technical Institute.

Over the past year, the department has continued to demonstrate remarkable growth in both academic and co-curricular dimensions. The dedication of our faculty, the curiosity and enthusiasm of our students, and the support from our administrative staff have been key drivers of this progress. The department has taken commendable initiatives to keep pace with the rapidly evolving field of electrical engineering, including workshops, industrial visits, technical talks, and participation in innovation-driven projects.

I am particularly proud of the way our students and faculty are embracing new technologies, promoting sustainable practices, and contributing meaningfully to the broader engineering community. The achievements highlighted in this newsletter reflect the vibrant academic culture and commitment to excellence that define our institute.

Let us continue to strive toward fostering a learning environment that encourages critical thinking, innovation, and professional integrity. I extend my heartfelt congratulations to the Electrical Engineering Department for their efforts and accomplishments over the year, and I wish them continued success in all future endeavors.

Dr. D.V. Patel

Principal, PhD. in Mechanical Engg. Dept.



VISION

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



MISSION

- **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.**



PEOS

PEO - I : Prepare students so that they are technically qualified to analyze complex problems, design, create new products & are able to apply skills in engineering domain.

PEO - II : Excel in technical profession, industry OR higher education by providing strong foundation in mathematics Science and Engineering.

PEO - III : Create professional and ethical attitude, better communication skills and relate engineering issues to address technical and social challenges.

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)

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ELECTRICAL ENGINEERING DEPARTMENT

STAFF PROFILE



Mr. Mohammed Shakir S. Dinath

Date of Joining : 01-06-2008

Qualification : M.E.

Designation : H O D



Mr. Ravisingh Jaywantsingh

Date of Joining : 01-07-2017

Qualification : B.E.

Designation : Lecturer



Mr. Mohammed Afzal H. Darsot

Date of Joining : 01-09-2009

Qualification : B.E.

Designation : Lecturer



Miss. Mamta R. Vansiya

Date of Joining : 01-06-2019

Qualification : B.E.

Designation : Lecturer

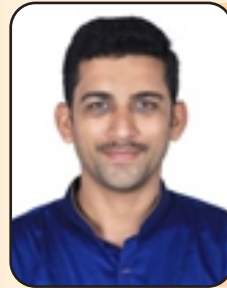


Mrs. Sneha R. Manik

Date of Joining : 16-08-2010

Qualification : M.E.

Designation : Lecturer



Mr. Hashank N. Desai

Date of Joining : 13-07-2009

Qualification : I.T.I.

Designation : Lab Technician

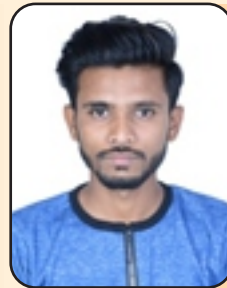


Mr. Mohammed Saeed A. Shaikh

Date of Joining : 28-01-2011

Qualification : M.E.

Designation : Lecturer



Mr. Pratik J. Patel

Date of Joining : 02-05-2014

Qualification : B.E.

Designation : Lab Assistant



Mr. Minhaj Y. Patel

Date of Joining : 04-06-2013

Qualification : M.E.

Designation : Lecturer



Mr. Jayesh C. Parmar

Date of Joining : 01-09-2014

Qualification : B.E.

Designation : Lab Assistant

INDUSTRIAL VISITS ORGANISED DURING THIS YEAR 2022-23

SR.NO	DATE	SEM	VISITED INDUSTRY / ORGANIZATION	RELATED SUBJECT OF VISIT	NUMBER OF PARTICIPANTS
1	16/9/2022	5TH	GSECL,WANAKBORI	POWER GENERATION	55+6
2	10/1/2023	3RD	ACTIVE ELECTRICALS, JOLVA VILLAGE KARODARA	DC MACHINES & TRANSFORMERS	45+3
3	4/2/2023	6TH	TESTING INSTRUMENTS , SURAT	MAINTENANCE OF TRANSFORMER AND CIRCUIT BREAKER	38+3
4	4/3/2023	6TH	R.N.G PATEL, BARDOLI	SOLAR AND PLC	42+3
5	18/3/2023	6th	UKAI HYDRO POWER PLANT	POWER GENERATION	49+4



EXPERT LECTURE'S ORGANISED DURING THIS YEAR 2022-23

Sr.No.	Date	EXPERT lecture TOPIC	Expert Name	Designation	Expert Organization	No of Participants
1	1/9/2022	Energy Conservation & Audit	Mr. S K Nayak	Director	3S Energy core & Consulting Services	44
2	12/9/2022	Electrical Traction and Control	Mr. C.J.Bhaidasna	Retired Section Engineer	Railway (Electric Locoshed Valsad)	41
3	13/9/2022	Microprocessor and Controller Applications	Mr. Hanif Kagdi	Subject Expert	Ex.Senior Engineer In Patni Computers	43
4	29/9/2022	Use of Software Tools for Problem Analysis	Mr. Vasim H Ganchi	Lecturer	Government Polytechnic, Chhotaudepur	43
5	1/10/2022	Economy of power plant and Tariffs	Dinanath Akela	Energy Consultant	Hazira Industries	25
6	15/10/2022	General	Miss Bhagyashree Vasvani	TOEFL Information	TOEFL Consultant	45
7	25/11/2022	DC Machines operations and applications	Mr. Hiren C Rana	Assistant Professor (Faculty of Tech. & Engg.	M.S UNIVERSITY OF BARODA	73
8	11/2/2023	Aptitude Test & Skills For Interview internship	Dr. Hitesh Jariwala & Mr. Janak Patel	Assistant Professor at S.N.P.I.T & R.C	Bardoli Umrahk	41
9	25/2/2023	One day workshop on PLC & SCADA	Bhavi Desai & Adarsh Mishra	Tutor	Alpha tech Automation	41
10	15/3/2023	IELTS Information for foreign study	****	****	IICL Skill Development Pvt. Ltd	41



STUDENT'S CORNER

No.	Students Activity
1	Organized "PRAKALP" Project Competition
2	World Environment Day Celebration
3	International Yoga Day Celebration
4	78th Independence Year-Azadi Ka Amrit Mohatsav
5	Teacher's Day Celebration
6	Sports Event - "RANBHUMI"
7	Student's Internship

Organized "PRAKALP" Project Competition



On April 29, 2023, A. Y. Dadabhai Technical Institute (Polytechnic), Kosamba hosted a dynamic event called PRAKALP 2025 "Passion Creates Opportunity," comprising a Students Project Fair & Poster presentation. This initiative, spearheaded by the institute's Innovation Council, aimed to provide a platform for burgeoning young engineers to exhibit their talents and technical prowess. In Electrical Engineering Dept. with a total of 9 project groups and 52 students representing all four departments, the fair fostered healthy competition and aimed to elevate participants' technical skills.

World Environment Day Celebration



International Yoga Day Celebration

On 21st June 2022 at A.Y. Dadabhai Technical Institute, Kosamba, had celebrated 8th International yoga day for 1st year students of diploma engineering at 'B' wing seminar hall. The 8th edition of International Day of Yoga (IDY) will be celebrated with the theme "Yoga for Humanity". Ministry of AYUSH has chosen this theme for the 8th International Day of Yoga 2022 to be organized in India and across the globe on June 21, 2022.

On this occasion, we had invited the famous personality Mrs. DIMPAL C. BATLIWALA (Yoga trainer) and Mrs. SEJAL PATHTHARWALA (Yoga trainer, B.com, English Teacher). She is currently associated with Gujarat state board and Patanjali YOGPITH.



78th Independence Year-Azadi Ka Amrit Mohatsav



The theme of 76th Independence Day is 'Nation First, Always First.' The Central Government had started a 75-week countdown in March 2021 for celebrating the 75th anniversary of Independent India. They named it "Azadi ka Amrit Mahotsav" which will conclude next year on August 15, 2023.

The 76th independence day of India, the ceremony of honesty, the ceremony of pride, the ceremony of freedom has celebrated in whole India. Impart of that, the national independence day was celebrated in A. Y. DADABHAI TECHNICAL INSTITUTE, with full grace and patriotism.

On this occasion of "Azadi ka Amrit Mahotsav", Gujarat Technological University had declared guidelines regarding performing such activities in the month of August-2022. So we had organised such activities as mention below.

Sr. No.	Duration (August)	Event
1	1 st week	Elocution Competition
2	3 rd week	Drawing, Mahendi and Rangoli Competition
3	4 th week	Awareness Program

Elocution Competition



Drawing, Mahendi and Rangoli Competition



Awareness Program



Sports Event - "RANBHUMI"

The Sports event was organized by the students on 18th to 20th October 2022. It included 1 Outdoor Games and 5 Indoor Games with 651 boys and 90 girls' cumulative numbers of participants.



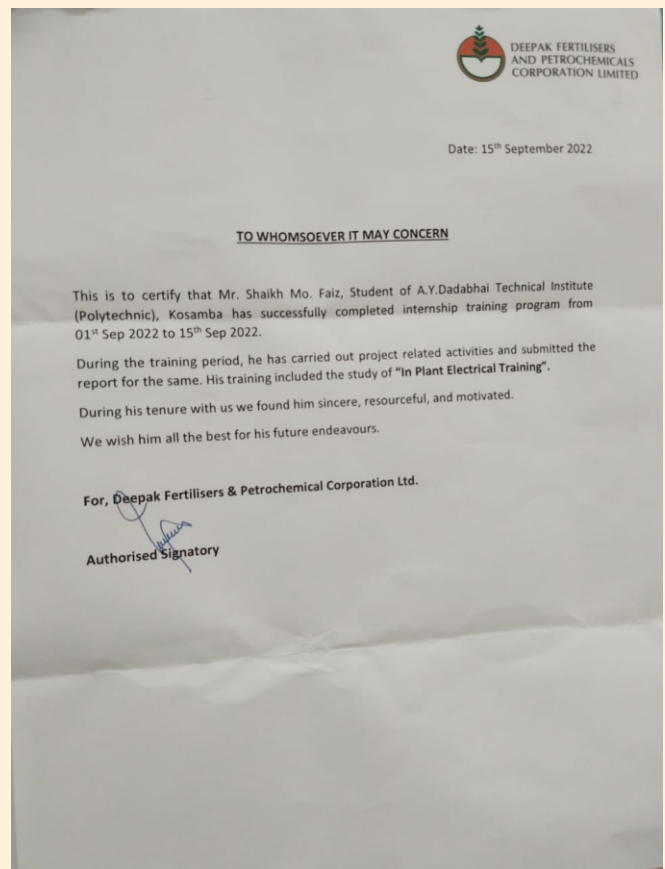
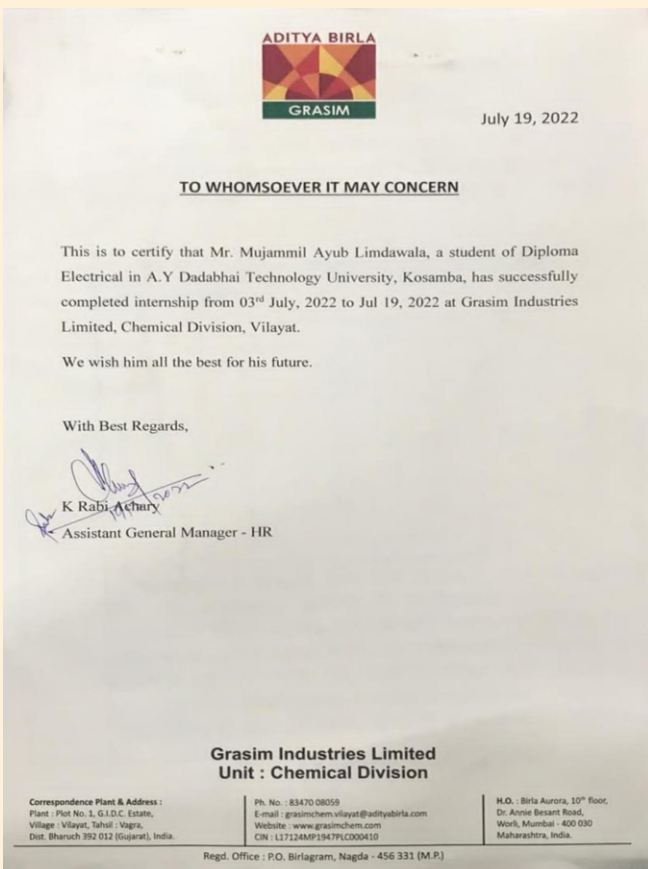
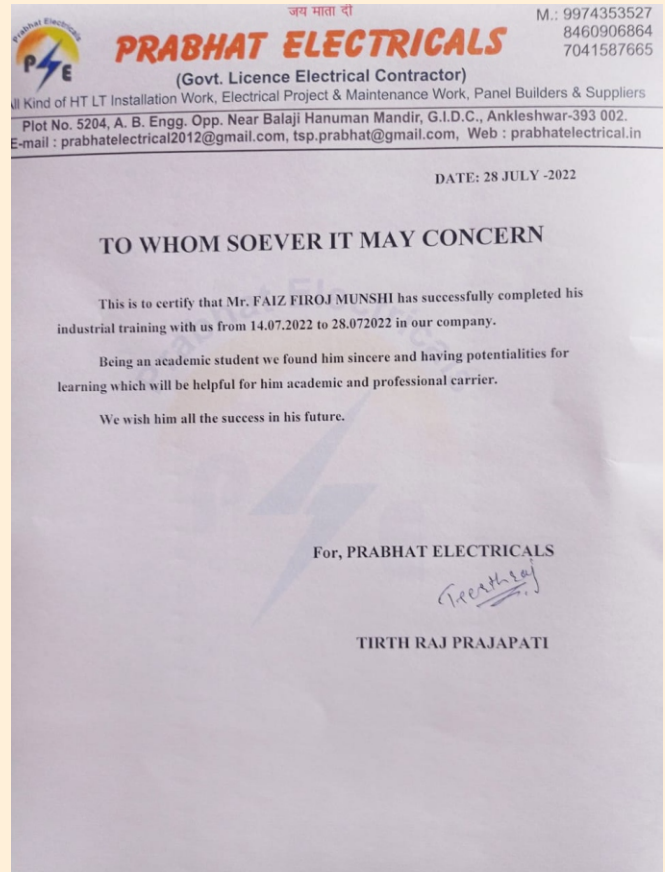
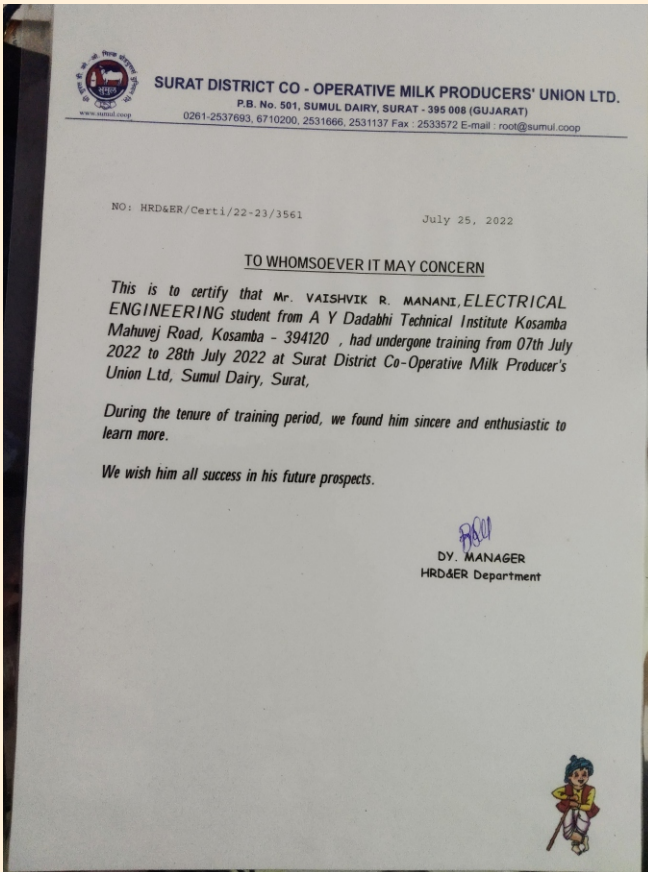
RANBHUMI-2022 was held at Campus of A.Y.Dadabhai Technical Institute, Kosamba under the Leadership of **Mr. Ritesh S. Patel** (In charge of Sports committee) & also the co-operation of Sports committee members under the guidance of the director of our Institute **Mr. M.M. Dalchawal**.

In **RANBHUMI-2022** total **388** students were participated in different games/events like **Cricket, Volleyball, Kho-Kho, Musical Chair and Tug of war**. The games are organized for both boys and girls. The whole event was successfully completed by co-ordination of sport committee members, Women in Development committee Members, discipline committee members, canteen committee members and other staff members of institute.



Student's Internship

Student's Internship After 2nd Year	
No. of Student's	No. of Company
44	17



Faculty's Corner

List of FDP Attended by Faculty Members

SR.NO.	NAME OF STAFF	DEPARTMENT	FDP/SWAYAM/NPTEL COURSE	ORGANISED INSTITUTE/ ORGANIZATION	NO OF DAYS	MODE (OFFLINE/ ONLINE)	FDP DATE
1	MR M.S.DINATH	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
2	MR. AFZAL DARSOT	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
3	MR. M Y PATEL	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
4	Mrs.SNEHA ROHAN MANIK	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
5	MR. RAVISINGH JAYWANTSINGH	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
6	Mrs.SNEHA ROHAN MANIK	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022
7	MISS MAMTA VANSIA	ELECTRICAL	Renewable Energy for Sustainable Development of Atmanirbhar Bharat	A.Y.DADABHAI TECHNICAL INSTITUTE	2	Offline	22-08-2022 TO 26-08-2022



Student's Messages

"From Circuits to Success: Our Journey"



Solanki Bhumikkumar Jitendrabhai
206010309054

Our journey in the Electrical Engineering Department has been transformative. We are especially thankful to our HOD Shakir Sir and the entire faculty for their constant support, practical insights, and real-world knowledge. Their efforts helped us grow both technically and personally.



Manani Vaishvik Rajendrakumar
206010309013

From the basics of circuits to complex power systems, this department has empowered us to think like engineers. Thanks to the dedicated staffs of our department we are now confident and ready to take on industry challenges.



Saiyad Asbabhusen Salimmiya
206010309031

The department offered an incredible balance of theory and practice. Be it through workshops, labs, or site visits, all faculties ensured we had real exposure to the field. These experiences shaped our understanding beyond textbooks.



Shaikh Mohammedfaiz Mohmmedsiddik
206010309051

Throughout the diploma course, we had opportunities to work on live projects, participate in competitions, and develop innovative solutions. Special thanks to all teaching and non teaching staffs for motivating us to think creatively and aim higher.

Our Achievers

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER 1st SEMESTER (BATCH - 2022)



MAMUJI IRFAN YAKUB
SPI : 9.69



MUNSHI MO. ZUBER ASIF
SPI : 9.62




VASHI AMMAR MAJIDBHAH
SPI : 9.62



CHAUDHARI SADDAM SOKATALI
SPI : 9.29


A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER STUDENT LIST (Summer 2023)
 3rd SEMESTER (BATCH 2021)



UNIA RIZWAN SADIK
Rank : 1st
SPI : 10.00



SINH SHIVAM AMIT
Rank : 2nd
SPI : 9.78



DINAT SAVBAN MO. SAEED YAKUB
Rank : 3rd
SPI : 9.35

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER 5th SEMESTER (BATCH - 2020)



MANANI VAISHVIK RAJENDRAKUMAR
Rank : 1st / SPI : 9.84



SURATI MILAPKUMAR MAHESHBHAI
Rank : 1st / SPI : 9.84



ANSARI DSAHIL PARVEZ
Rank : 2nd / SPI : 9.66



PATEL HAMZAH SABIR
Rank : 2nd / SPI : 9.66



SHAIKH ADNAN MOHMEDANISH
Rank : 2nd / SPI : 9.66



MULLA SAHIL SARFARAZ
Rank : 3rd / SPI : 9.63

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER 2nd SEMESTER (BATCH - 2022)



MUNSHI MO. ZUBER ASIF
SPI : 9.30



CHAUDHARI SADDAM SOKATALI
SPI : 9.13



MAMUJI IRFAN YAKUB
SPI : 9.09

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER 4th SEMESTER (BATCH - 2021)



DINAT SAVBAN MAHMADSAEED
SPI : 9.33



UNIA RIZWAN SADIK
SPI : 9.11



LIMBADA KASIM ABID
SPI : 8.89

A.Y. DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC) KOSAMBA
 DEPARTMENT OF ELECTRICAL ENGINEERING
 TOPPER STUDENT'S LIST
 6th SEMESTER AUG 2023 (BATCH 2020)



MULLA SAHIL SARFARAZ
SPI : 9.82



ANSARI MOHAMMADSAIL MO PARVEZ
SPI : 9.79



SURATI MILAPKUMAR MAHESHBHAI
SPI : 9.64



MUNSHI HAMZA MOHAMMED ASIF
SPI : 9.64

Placements

Our pass out students have qualified many on and off Campus interviews and they are now working in prime companies.

PLACEMENT THROUGH CAMPUS - 2022-23

 Solanki Bhumik Jitendrabhai LARSEN & TOUBRO	 Surati Milap Maheshbhai Arcelor Mittal Nippon Steel India.	 Shaikh Faiz Mo.Siddik Arcelor Mittal Nippon Steel India.	 Shaikh Adnan Danish Arcelor Mittal Nippon Steel India.	 Manani Vaishvik Rajendra Arcelor Mittal Nippon Steel India.	 Munshi Hamza Asif LARSEN & TOUBRO	 Patel Meet Narendrabhai Tata Power Co. Ltd.
 Saiyad Asbabhusen Salim LARSEN & TOUBRO	 Ansari Sahil Mo.Parvez Arcelor Mittal Nippon Steel India	 Karigar Faiz Harunbhai Saint Gobain Jhagadia	 Padhiyar Balwant Naginbhai Astek Electricals India Pvt Ltd.	 Vasava Abhay Akabhai Arcelor Mittal Nippon Steel India.	 Mansuri Maeer Varishbhai Saint Gobain Jhagadia	 Patel Vaibhav Ghanshyam Electrical Research & Deve. Ass. (ERDA), Vadodara

Our Recruiters