

K. D. POLYTECHNIC, PATAN



ELECTRICAL ENGINEERING DEPARTMENT



E - News Letter



(Edition: January – 2023 to June – 2023)

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1. Message by Head of Electrical Engineering Department

From HOD's Desk



I feel honored and excited to announce that E –News letter of electrical department is all set to publish online. This is our venture to collect the plethoramaj or happening in electrical department of K. D. Polytechnic and encapsulate the min the Form of E-News letter. E–newsletter is the result of combined Requirements of NBA certification, Digital India Initiative and our Go Green Policy.

We at K. D. Polytechnic ensure the active participation of students in various curricular and extra –curricular activities inand outside the institute. I appeal students and visitors to sparesome moments to read to this **e-News letter** available with ourcollege website and encourages in our new venture.

I hope our **e-Newsletter** will create it unique place among the Minds of readers.

On this occasion, I take this opportunity to appreciate The entire editorial team and especially student members, for Their efforts to make things happen.

**With warm regards,
Shri J. B. BHATI
HOD, Electrical Department**

2. Editorial Board of Electrical Engineering Department

Editor in Chief: Mr. J. B. Bhati (InCharge Head of Electrical Department)

Coordinator: Mr. R. D. Modi (Lecturer in Electrical Engineering Department)

Teacher Editor: Mrs. B. R. Sevani (Lecturer in Electrical Engineering Department)

StudentsEditors: Miss. Chauhan Krisha C. (Semester–2,Electrical Engineering)

Mr. Thakor Ronakji V. (Semester–2,Electrical Engineering)Mr.

Kapadiya Saurabh (Semester– 6, Electrical Engineering)

Miss.Raval Shraddha (Semester–6, Electrical Engineering)

MissVaghela Dhruvi K. (Semester–4,Electrical Engineering)

Mr.Prajapati Krish D. (Semester–4,Electrical Engineering)

It is a matter of great pride to present 5th issue of “E-News letter of Electrical Department of K. D. Polytechnic, Patan” in the context of NBA accreditation of courses available with the Institute.

As you know, e-News letter has been magnanimous creation of our department and it is the result of efforts of all active the members of editorial board, concerned authorities and Students, who nourished this ‘thought seed’, now blossom edasplant.

As the editor in Chief, I express a deep sense of gratitude for all those who directly or indirectly contributed in making this third issue of e-Newsletter of Electrical department, a plethora of departmental progress and achievements.

I am thankful to our Principal, Management and all my colleagues for their guidance and cooperation time to time to bring out this issue.

With Best Wishes,

**Mr. J. B. Bhati
(Editor in Chief)**

3. Vision, Mission, PEOs, and PSOs of Electrical Engineering Department



Vision:

To be a committed department to deliver quality technical education to create an ethically sound and well-trained electrical engineers for industries and society.

Mission:

- 1) To impart quality technical education through good academic infrastructure and well-equipped laboratories.
- 2) To enhance technical skills to become competent electrical engineer by industry Interaction.
- 3) To promote entrepreneurship skills & leadership skills through co-curricular and Extra-curricular activities.
- 4) To inculcate social responsibilities and problem solving skills day to day life to serve the society and industries.

PEOs:

- 1) Manage own electrical engineering enterprise.
- 2) Adapt the changing technologies to solve the electrical engineering problem for social needs.
- 3) Develop proficiency in maintaining various electrical equipments.

PSOs:

- 1) Maintain various types of electrical equipment.
- 2) Undertake the electrification of commercial and multi storied buildings.

4. Highlights & Staff position of Electrical Engineering Department

Institute Code of GTU: 631

Electrical Department code of GTU: 09

Intake of 2022:90

1. Plenty of opportunities for overall development of students along with teaching Learning process.
2. Highly qualified, hard working and ample confidence teaching and supporting staff.
3. Congenial teaching and learning environment.
4. Analytical approach, design and practical based teaching learning system.
5. Extra coaching classes for weak students.
6. Excellent counseling and academic follow up system with experience faculties.
7. Well facet classrooms and audio visual facility with modern technical aids.
8. Departmental library for teaching staff with reference books, Project report setc.
9. Women Empowerment Cell activities by the department.

Faculty and Staff position during Jan–2023 to July–2023

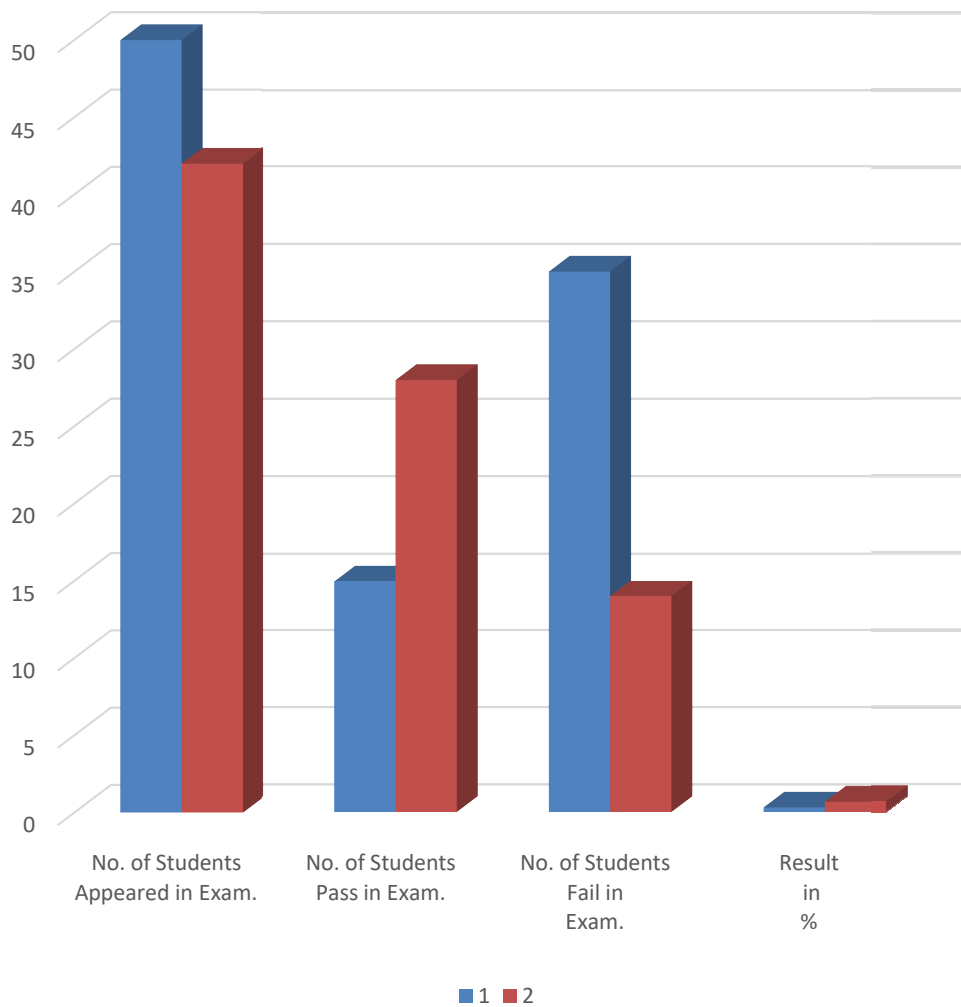
Designation	Educational Qualification	No. of Post Filled
Head of Dept.	M.E. (Class-I)	00
Lecturer	M.E. (Class-II)	08
Lecturer	B.E. (Class-II)	06
Lecturer	B.E. (Adhoc)	01
Lab. Assistant	-----	00
Instructor	-----	00
Hamal	-----	01



5.Result Analysis of Electrical Engineering Department

Sr. No.	Semester	No. of Students Appeared in Exam.	No. of Students Pass in Exam.	No. of Students Fail in Exam.	Result in %
1	3 rd	50	15	35	30.00%
2	5 th	42	28	14	66.67%

Result Analysis of 3rd and 5th Semester



6.Our Sparkling Stars of Electrical Engineering

6.1 SPI TOPPERS OF 3rd Semester:

SR. NO.	ENROLMENT NO.	NAME OF STUDENT	SPI	RANK
1	216310309019	RABATI KALUBHAI KALYANBHAI	9.09	FIRST
2	216310309031	VAGHELA DHRUVI KETANBHAI	8.7	SECOND
3	216310309017	PRAJAPATI MAULIKKUMAR HARSHADKUMAR	7	THIRD

6.2 SPI TOPPERS OF 5th Semester:

SR. NO.	ENROLMENT NO.	NAME OF STUDENT	SPI	RANK
1	206310309009	KAPADIYA SAURABH NARENDRAKUMAR	10	FIRST
2	206310309049	PRAJAPATI HITESHBHAI BHARATBHAI	9.84	SECOND
3	206310309021	PATEL TIRTH KAUSHIKBHAI	9.5	THIRD

7. Expert Lecturers Conducted by Electrical Engineering Department

Sr. No.	Title of Expert Lecture	Sem.	No. of Students Present	Date of Expert Lecture	Venue	Speakers
1	“IBM skills build job Readiness workshop	1 st , 3 rd & 6 th	65	31/01/2023	New Academic building Room No. AB 003	Sharvari Parikh
2	Overseas education and career Progression	6 th	12	02/05/2023	New Academic building Room No. AB 102	Ankur Pancholi & L. K. Patel
3	How to face interview in front of Reliance HR and technical team	6 th	10	02/06/2023	Online Google Meet	Vedant H. Raval

8.Workshop

Sr. No.	Title of Workshop	Sem.	No. of Students Present	Date of Expert Lecture	Venue	Speakers
1	“IBM skills build job Readiness workshop	4 th	23	23/05/2023 to 24/05/2023	CR-4 Computer Lab. of Electrical Dept.	Sanjay V. Patel



9. Placement data of Electrical Engineering Department

Sr. No.	No. of Company Visited for placement	No. of Students Selected
1	SHREENATH MART TECHNOLOGIES PVT. LTD.	01
2	S LITHIUM IRON BATTERIS GUJARAT PVT. LTD.	02
3	YAZAKI INDIA PVT. LTD.	06
4	RELIANCE INDUSTRIES LTD.	01
5	SARDA SONS	21
6	CEAT LTD. HALOL	15
7	KRISHNA MARUTI LTD.	01
8	AMINS INDIA ACADEMY FOR SKILL DEVELOPMENT	03
9	SKH Y – TECH INDIA PVT. LTD.	26
10	ASAHI INDIA GLASS LTD.	03

10. Training taken by faculties of Electrical Engineering Department

Sr. No.	Name of Faculty	Title of Training	Duration of Training	Remarks
1	Mr. J. B. Bhati	Non Conventional Energy Sources	January – April - 2023	NPTEL Online Mode IITM
2	Mr. R. J. Prajapati	Advanced Pedagogy	08/05/2023 to 12/05/2023	NITTTR Ext. Center Ahmedabad
3	Mr. R. J. Prajapati	Development of models of Advanced pedagogy and Andragogy	05/06/2023 to 09/06/2023	NITTTR Ext. Center Ahmedabad
4	Mr. D. N. Thakkar	Non Conventional Energy Sources	January – April - 2023	NPTEL Online Mode IITM
5	Mr. D. N. Thakkar	Advanced Pedagogy	08/05/2023 to 12/05/2023	NITTTR Ext. Center Ahmedabad
6	Mr. K. A. Prajapati	Advanced Pedagogy	08/05/2023 to 12/05/2023	NITTTR Ext. Center Ahmedabad
7	Mr. P. R. Mishra	Development of models of Advanced pedagogy and Andragogy	05/06/2023 to 09/06/2023	NITTTR Ext. Center Ahmedabad

11.Gymkhana Activities during January – 2023 to July – 2023

11.1: Name of Event: Consumer Awareness and Cyber Security

Date & Time: 10/1/2023 at 01:00 pm

Description of event: Telecom Regulatory Authority of India, organised an online webinar on “ Consumers Awareness and Cyber Security” on dated 10/01/2023, from 10:00 am to 01:00 pm (online). Gymkhana of this institute circulated link to join program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have joined in the organised program by given link. Students acquired very fruitful knowledge by this program and enjoyed lot.

Photographs of event:

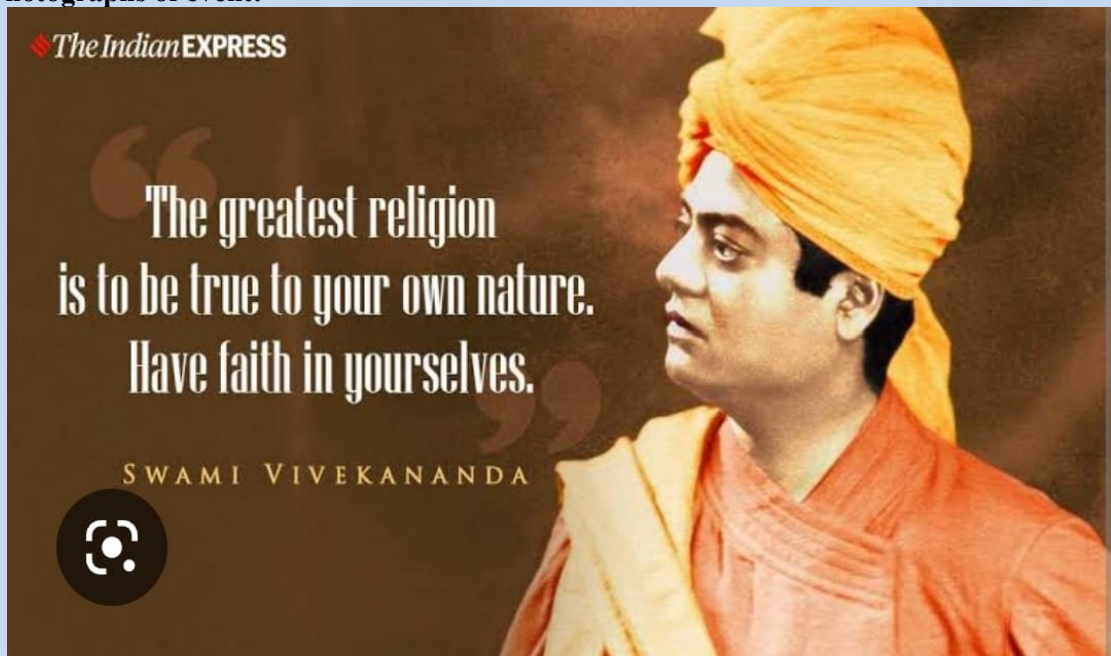


11.2: National Yuva Day

Date & Time: 12/1/2023 , 3:00 pm to 04:00 pm

Description of event: Organized an online webinar on “ National Yuva Day ” on dated 12/01/2023, from 3:00 pm to 04:00 pm (online). Gymkhana of this institute circulated circular to join program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have joined in the organized program. Students inspired by this program and motivated with this seminar.

Photographs of event:

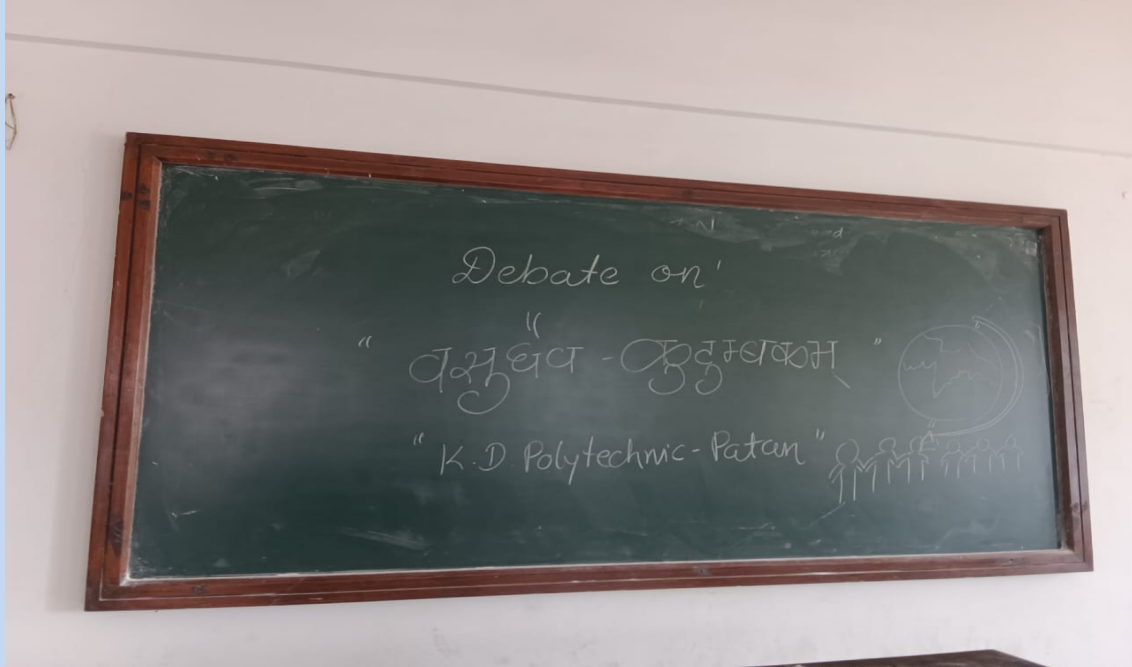


11.3: Debate on vasudhev kutumbakam

Date & Time: 19/01/2023, 3:00 pm to 04:00 pm.

Description of event: Organized a "Debate" on dated 19/01/2023, from 3:00 pm to 04:00 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with this debate.

Photographs of event:



11.4: Republic Day Celebration

Date & Time: 26/01/2023, 8:30 am to 9:30am

Description of event: Organized an flag hoisting on dated 26/01/2023, from 8:30 am to 9:30am. Gymkhana of this institute circulated msg to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have joined in the organized program.

Photographs of event:

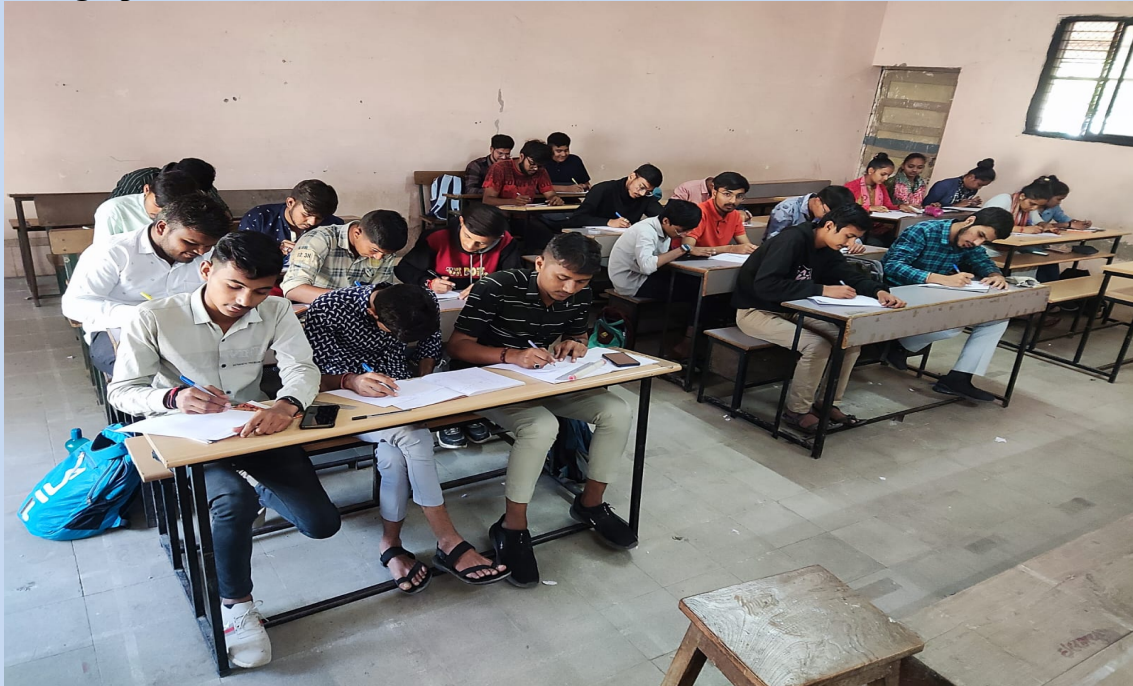


11.5: Essay writing on G20/Y20

Date & Time: 8/2/2023, 1:40 pm to 2:40 pm

Description of event: Organized a “Essay Competition“ on dated 8/02/2023, from 1:40 pm to 2:40 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated and certified.

Photographs of event:



11.6: Y20 Seminar

Date & Time: 8/2/2023, 3:00 pm to 04:00

Description of event: Organized a “Y20 seminar“ on dated 08/02/2023, from 3:00 pm to 04:00 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with this debate.

Photographs of event:



11.7: Quiz

Date & Time: 23/2/2023, 1:00PM

Description of event: The Environment and Climate Sustainability Quiz Competition, held on February 2, 2023 at Room No. N2, CP Building, was a showcase of knowledge and quick thinking skills. Mr. R. K. Prajapati and Mr. U. V. Patel expertly coordinated the event, attracting a large number of participants, totaling 9 teams took part in the competition. The competition was conducted in a fair and organized manner, and all participants were given equal opportunities to showcase their knowledge and skills. The questions were challenging, covering a variety of topics including environment and climate change. In the end, winning team, with the top score, was awarded a certificate.

Photographs of event:

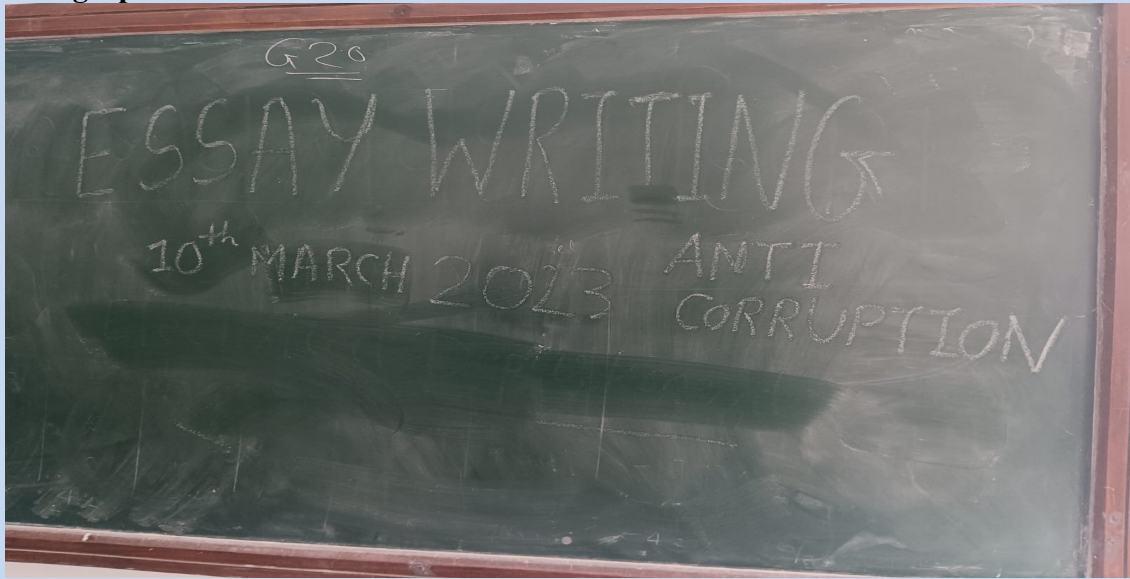


11.8: Essay writing on Anti Corruption

Date & Time: 10/3/2023, 3 pm to 4 pm

Description of event: Organized a Essay Writing on Anti Corruption on dated 10 March 2023, from 3 pm to 4 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students inspired by this program and motivated with the certificate.

Photographs of event:

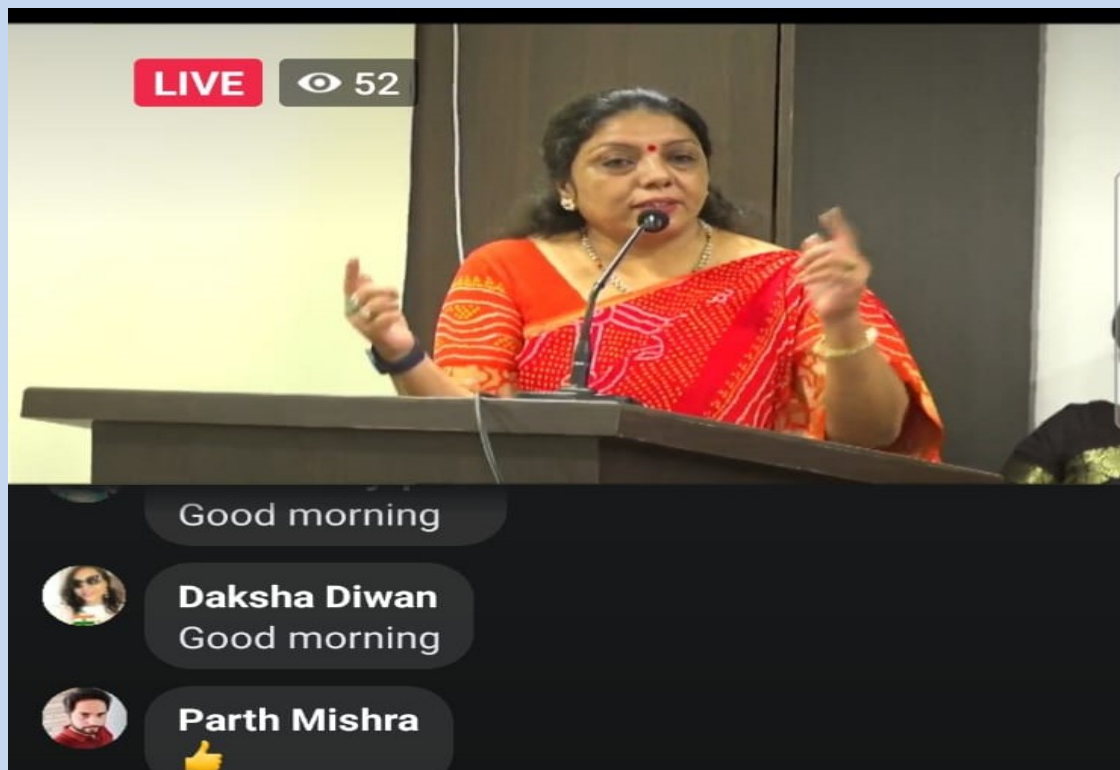


11.9: Webinar on Women Development (Online)

Date & Time: 14/03/2023, 11:30am

Description of event: Attended the webinar on dated 14th March 2023, from 11:30am to 12:30pm. Gymkhana of this institute circulated circular and link to join in the webinar to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they joined in the webinar. Girls Students inspired by this program and motivated with the certificate.

Photographs of event:



11.10: Seminar on “Vyasan Mukti Lokjagruti”

Date & Time: 27/03/2023, 11:00am

Description of event: Gymkhana of this institute organized an event for first year students of all departments of this institute and the event titled “Seminar on Vyasan Mukti”. Gymkhana coordinator motivated students to participate in the program. Faculties and students participated well and they acquired very worthwhile and an incredible awareness about vyasan mukti. Patan Police given a fruitful presentation on Cyber Crime Awareness and Shri Maheshbhai, Arogya vibhag, patan addresses to students and faculty and given a nice presentation on Cyber crime awareness.

Photographs of event:



11.11: Sports Week - 2023

Date & Time: 05/04/2023 to 11/05/2023

Description of event: As per the instruction from DTE and GTU, organized a Sports Week on dated from 5th April 2023 to 11th April 2023 (4 Days). Gymkhana of this institute circulated circular for registration to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have registered in the organized Games. Students played well in all the games and were certified by the institute.

Photographs of event:



11.12: Cultural Day Celebration

Date & Time: 05/04/2023 to 11/05/2023

Description of event: As per the instruction from DTE and GTU, organized a Day Celebration Week on dated from 5th April 2023 to 11th April 2023 (4 Days). Gymkhana of this institute circulated circular for registration to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they involved in the traditional dressing and garaba and Signature Day.

Photographs of event:



11.13: Thalassemia test of first year students

Date & Time: 25/4/2023, 10 am to 3 pm

Description of event: Organized a Thalassemia Test on 25th April 2023. Gymkhana of this institute contacted Red Cross Society Ahmedabad for the test, circulated circular and instructed to circulate the same to all first year students of this institute. Faculties and Students of this institute followed the instructions. Red Cross Society Ahmedabad arrived in the institute, inform about the importance of the test and had taken the blood sample of the Students. They will provide the report within a week.

Photographs of event:



11.14: Seminar on “Hinsa Mukti Seminar”

Date & Time: 5/5/2023, 3 pm to 4 pm

Description of event: Organized a on dated 5th may 2023, from 3 pm to 4 pm. Gymkhana of this institute circulated circular to take part in the program to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and they have participated in the program. Students were aware about “Hinsa Mukti” by this seminar and motivated.

Photographs of event:



11.15: Celebration of “International Yoga Day -2023”

Date & Time: 21/06/2023, 08:00 am onwards

Description of event: Organized a Yoga Day on dated from 21st June, 2023. Gymkhana of this institute circulated circular to all departments and instructed to circulate the same to all students of this institute. Faculties and Students of this institute followed the instructions and remain present in the Yoga. Students and Faculties did the Yoga in the institute. All enjoyed the Yoga and understood the benefit of Yoga and health.

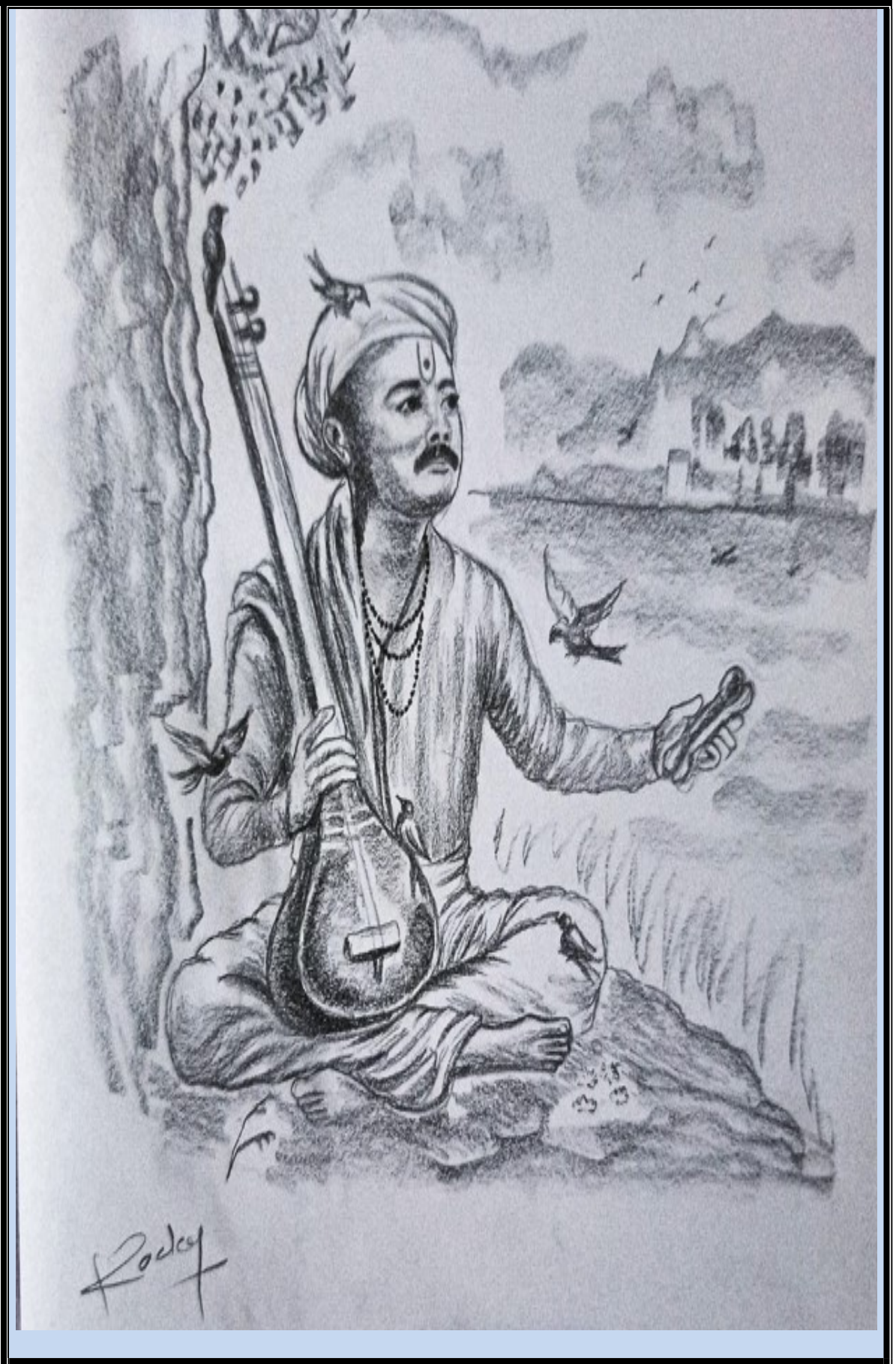
Photographs of event:

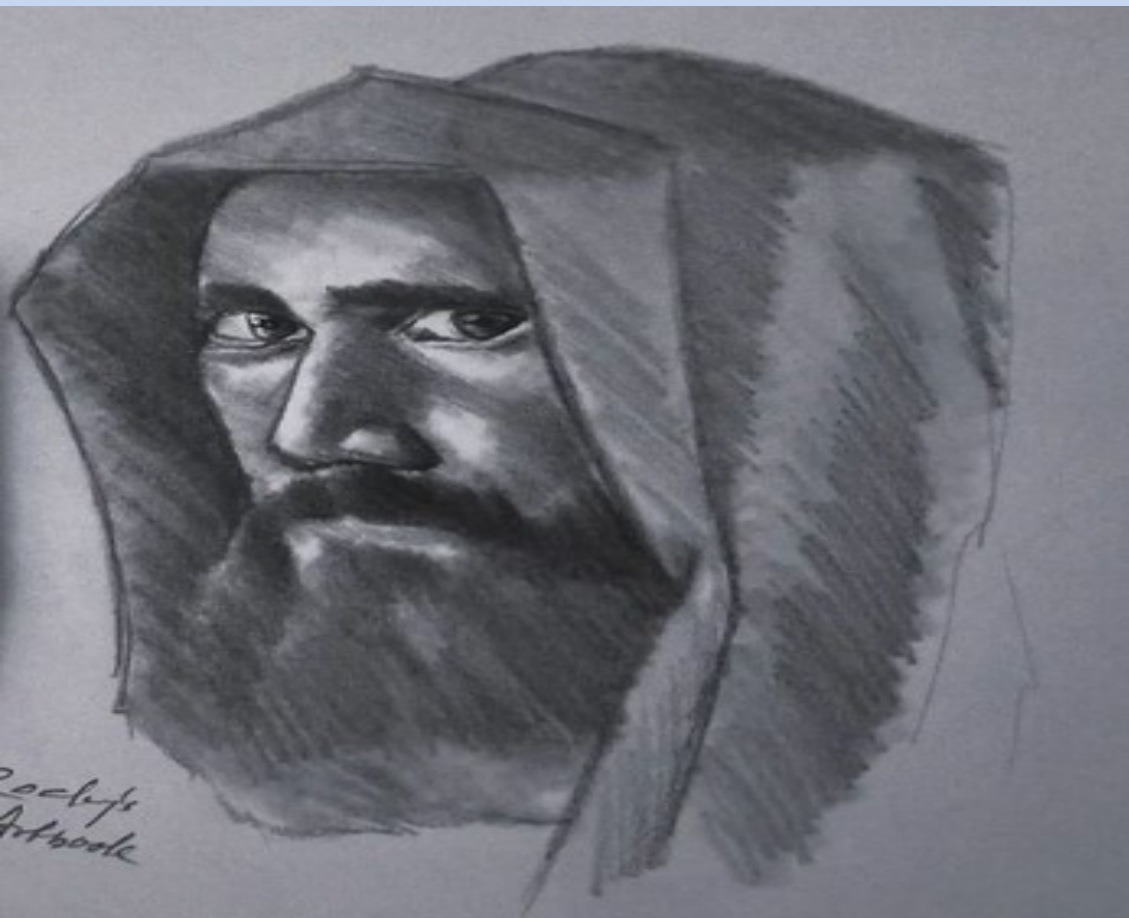


12. Creative Corner

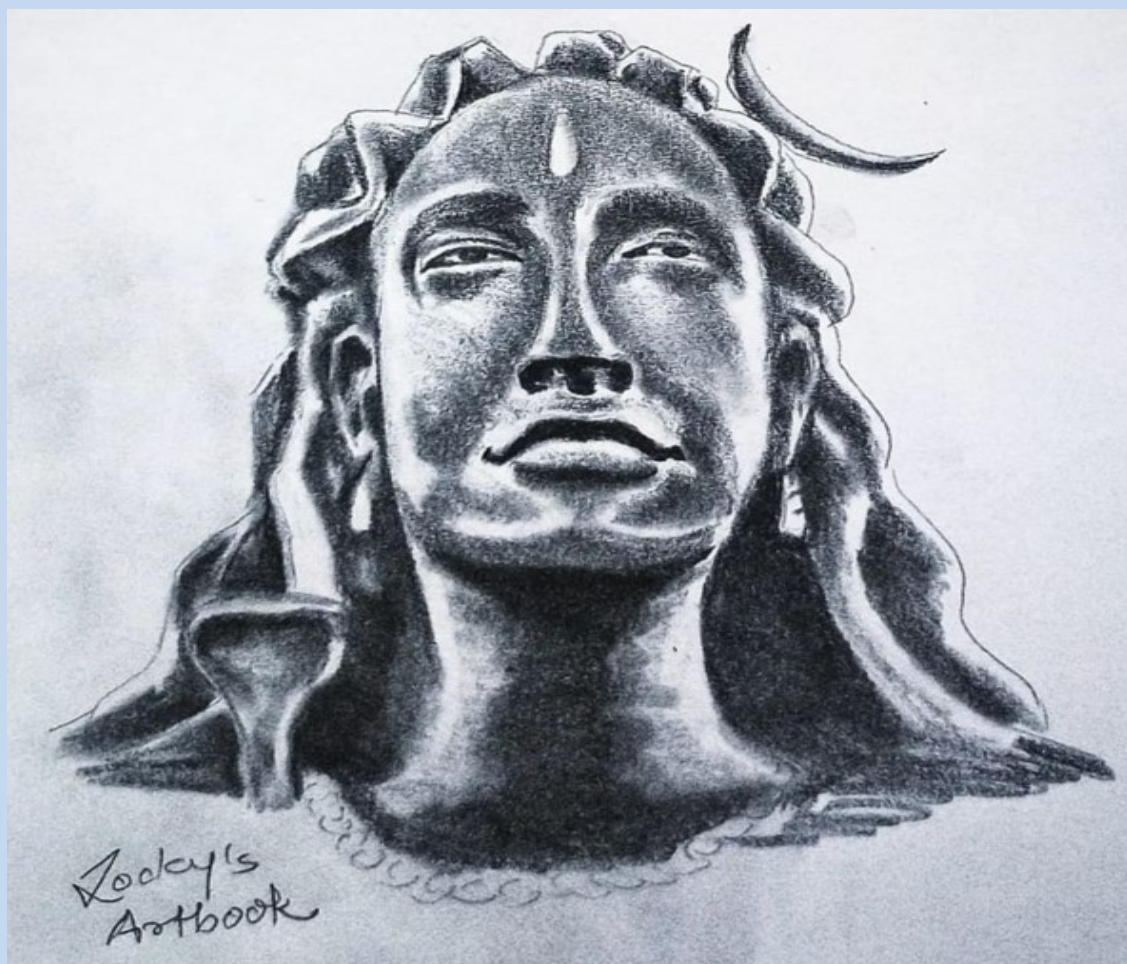
Glimpse of amazing sketch work by Shri R. J. Prajapati (LEE)

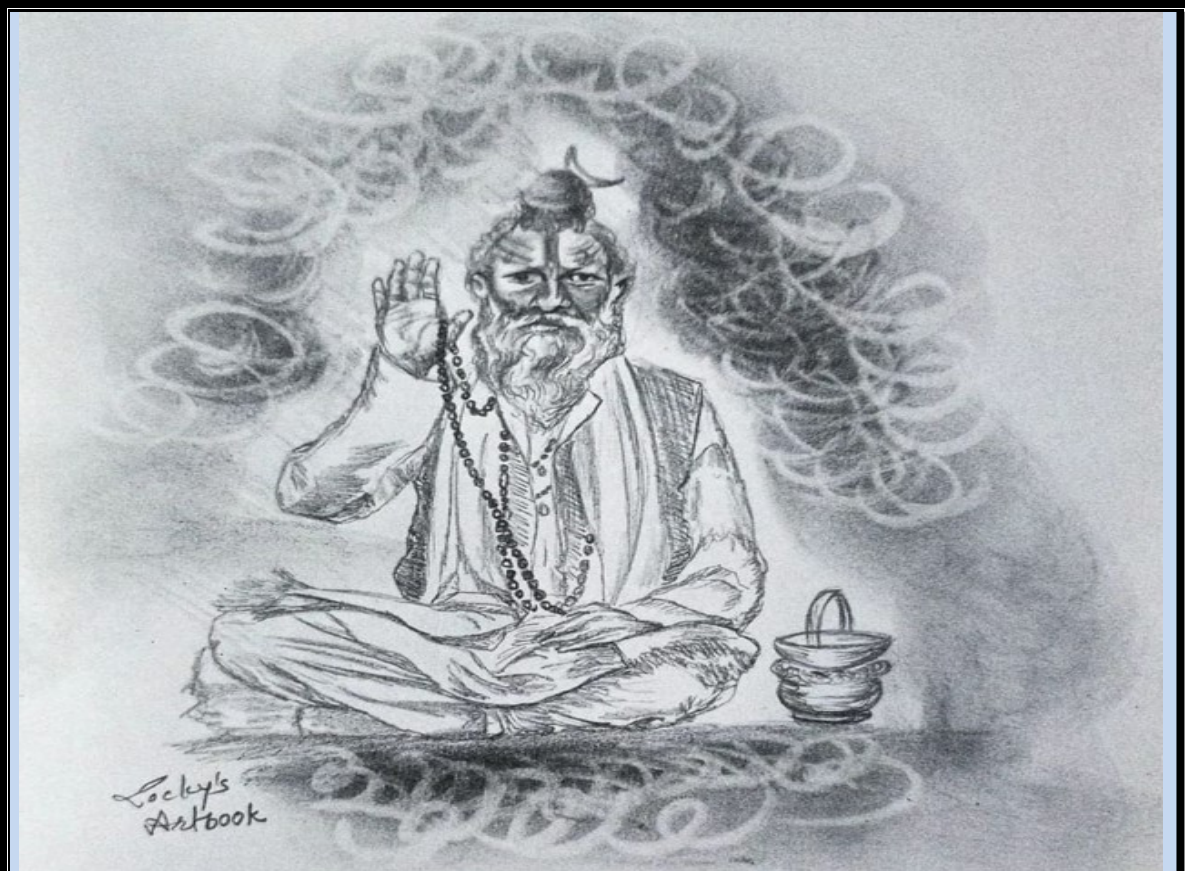


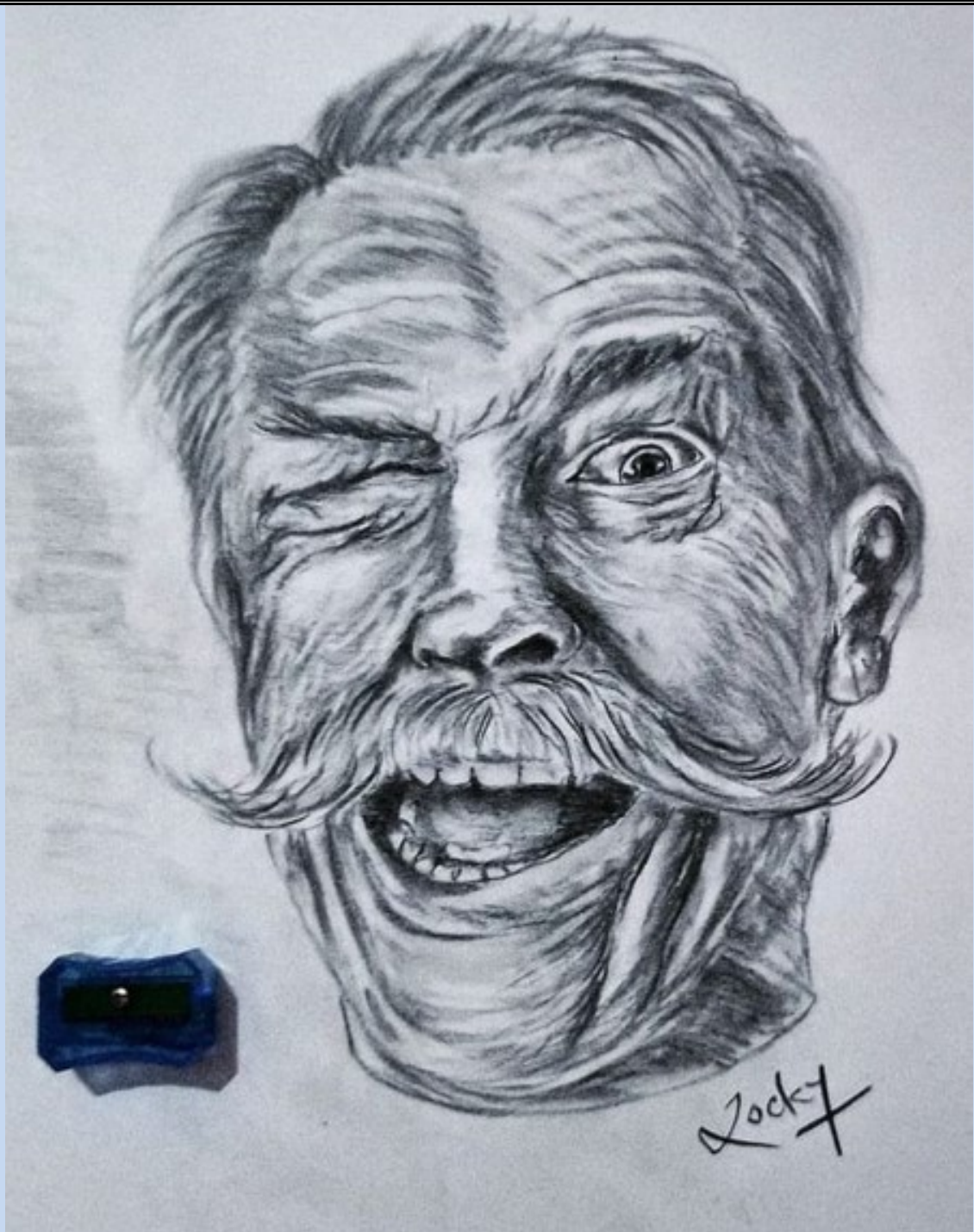












Mr. R. D. Modi

**Coordinator of E-News Letter
Electrical Engineering Department
K. D. Polytechnic, Patan**

Mr. J. B. Bhati

**Head of Department
Electrical Engineering Department
K. D. Polytechnic, Patan**