

K. D. POLYTECHNIC, PATAN.



ELECTRICAL ENGINEERING DEPARTMENT



E - News Letter



(Edition: July -2022 to December – 2022)

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1. Message by Head of Electrical Engineering Department

From HOD's Desk



I feel honoured and excited to announce that third E –News letter of electrical department is all set to publish online. This is our venture to collect the plethora major happening in electrical department of K. D. Polytechnic and encapsulate them in the form of E- News letter. E–news letter 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 in and outside the institute. I appeal students and visitors to spare some moments to read to this **e-News letter** available with our college website and encourage us in our new venture.

I hope our **e-News letter** will create its unique place among the minds of readers.

On this occasion, I take this opportunity to appreciate the entire editorial team and especially student's 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 (In Charge Head of Electrical Department)

Co-ordinator: Mr. R. D. Modi (Lecturer in Electrical Engineering Department)

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

Students Editors: Miss. Chauhan Krisha C. (Semester – 1, Electrical Engineering)

Mr. Thakor Ronakji V. (Semester – 1, Electrical Engineering)

Mr. Kapadiya Saurabh (Semester – 5, Electrical Engineering)

Miss. Raval Shraddha (Semester – 5, Electrical Engineering)

Miss Vaghela Dhruvi K. (Semester – 3, Electrical Engineering)

Mr. Prajapati Krish D. (Semester – 3, Electrical Engineering)

It is a matter of great pride to present 3rd 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-Newsletter 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 blossomed as plant.

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-News letter 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

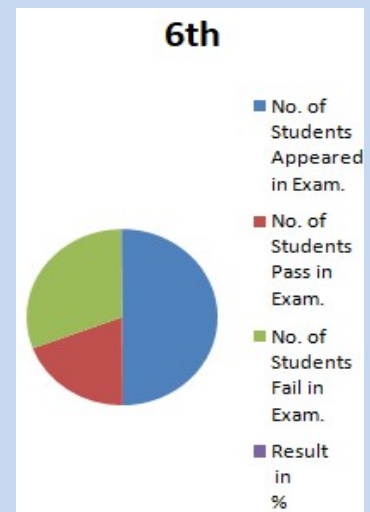
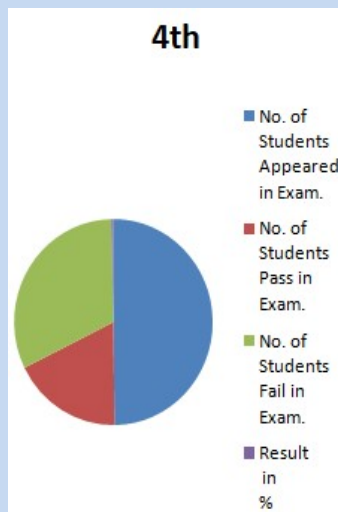
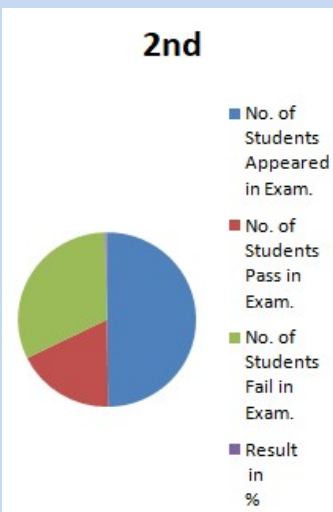
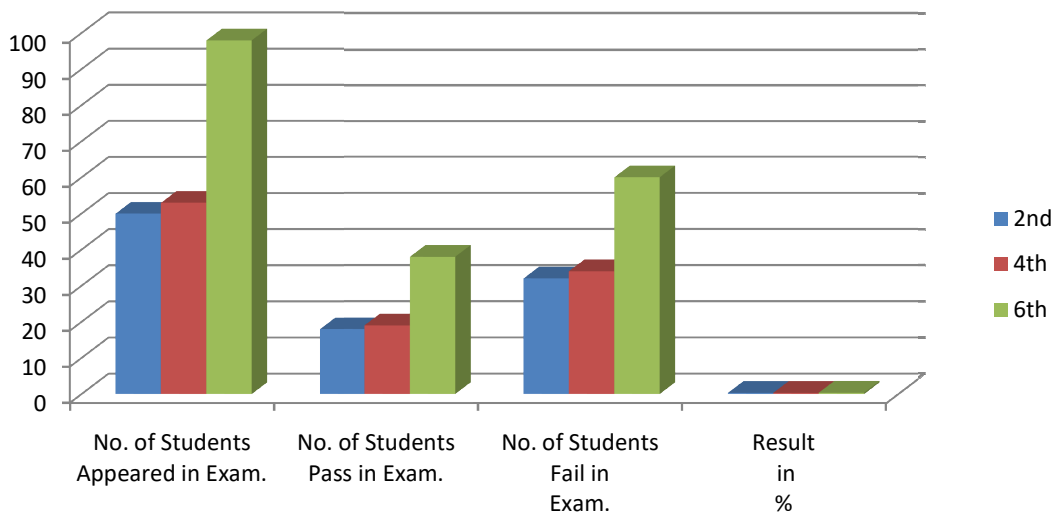
1. Plenty of opportunities for overall development of students along with teaching Learning process.
2. Highly qualified, hard working and ample confidence teaching and supporting staff.
3. Congenial teaching and learning environment.
4. Analytical approach, design and practical based teaching learning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

Faculty and Staff position during July – 2022 to December– 2022

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 of G.T.U. Exam. 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	2 nd	50	18	32	36.00%
2	4 th	53	19	34	35.85%
3	6 th	98	38	60	38.78%



5.1 SPI Toppers of 2nd Semester

SR. NO.	ENROLMENT NO.	NAME OF STUDENT	SPI	RANK
1	216310309019	RABARI KALUBHAI KALYANBHAI	8.39	FIRST
2	216310309031	VAGHELA DHRUVI KETANBHAI	8	SECON
3	216310309015	PRAJAPATI RAJKUMAR CHETANBHAI	7.65	THIRD
4	216310309020	VALAND DHAIRY KALPESHKUMAR	7.65	THIRD

5.2 SPI Toppers of 4th Semester

SR. NO.	ENROLMENT NO.	NAME OF STUDENT	SPI	RANK
1	206310309003	KAPADIYA SAURABH NARENDRAKUMAR	9.6	FIRST
2	206310309049	PRAJAPATI HITESHBHAI BHARATBHAI	9.4	SECON
3	206310309021	PATEL TIRTH KAUSHIKBHAI	9	THIRD

5.3 SPI Toppers of 6th Semester

SR. NO.	ENROLMENT NO.	NAME OF STUDENT	SPI	RANK
1	196310309007	DARJI ARJUN BHARATBHAI	9.43	FIRST
2	196310309014	GAJJAR BHAVIK TUSHARBHAI	9.39	SECOND
3	196310309088	RAVAL VEDANT HARIKISHANBHAI	9.21	THIRD
4	196310309090	SATHAVARA PREM KAMLESHKUMAR	9.21	THIRD

6. Expert Lectures conducted by Electrical Engineering Department

6.1. Expert talk on “CAREER OPTION” under TPO Cell

Date : 05/08/2022

Time : 03 : 00 PM

Venue : Class Room No. DH-2, Electrical Department

No. Of Participants : 40

Semester : 5th

Speakers : (1) Mr. Parth Patel (LEE, KDP PATAN)

(2) Mr. H. S. Darji (LEE, KDP PATAN)



7. Placement data of Electrical Engineering Department

SR. NO.	STUDENT CATEGORY (Regular/Pass out)	ENROLLMENT NO	NAME OF THE STUDENT SELECTED	NAME OF EMPLOYER	YEAR	MODE (ON LINE / OFF LINE)
1	Regular	196310309086	Raval Ruchik Kiribhai	TDS LITHIUM-ION BATTERY GUJARAT PRIVATE LIMITED	2022	OFF LINE
2	Regular	196310309104	Triwari Pawan Kumar Laxmanbhai	TDS LITHIUM-ION BATTERY GUJARAT PRIVATE LIMITED	2023	OFF LINE
3	2019	----	Prajapati mitul MaheshBhai	SHREENATH SMART TECHNOLOGIES PVT. LTD.	2022	ON LINE
4	Regular	196310309077	PRAJAPATI NEHAL KUMAR PARSOTTAM BHAI	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
5	Regular	196310309501	JAY BHAVESH BHAI DARJI	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
6	Regular	196310309096	KARTIK SURESHKUMAR SUTHAR	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
7	Regular	196310309018	NIRAJ JAGANNATH GOSWAMI	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
8	Regular	196310309008	KIRTAN ALKESHKUMAR DARJI	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
9	Regular	196310309009	SAURAV HARSHADBHAI DARJI	Yazaki India Pvt Ltd. Sanand, Ahmedabad	2022	ON LINE
10	----	----	BHAMBHANI CHIRAG BHOJRAJBHAI	TDS LITHIUM-ION BATTERY GUJARAT PRIVATE LIMITED	2022	OFF LINE

8. Training taken by Faculties of Electrical Engineering Department

Sr. No.	Name of Faculty	Title of Training	Duration	Remarks
1	Shri P. R. Mishra	Educational Video Production (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
2	Shri H. S. Darji	Induction Phase - II	04/07/2022 to 15/07/2022	02 Weeks NITTTR, Bhopal
3	Shri H. S. Darji	Educational Video Production (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
4	Shri R. J. Prajapati	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
5	Shri M. S. Patel	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
6	Shri H. V. Patel	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
7	Shri C. B. Patel	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
8	Smt. B. R. Sevani	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification
9	Shri K. A. Prajapati	FDP Course on Student Assessment (MOOC)	January -2022 to May - 2022	Swayam Online Course Certification

9. Gymkhana Activities during July-2022 to December-2022

9.1. Seminar on "Water Management"

Name of Event: Seminar on “Water Management”

Start Date of Event: 21/09/2022

End Date of Event: 21/09/2022

Venue: Room No. AB-103, New Academic Block, K. D. Polytechnic, Patan.

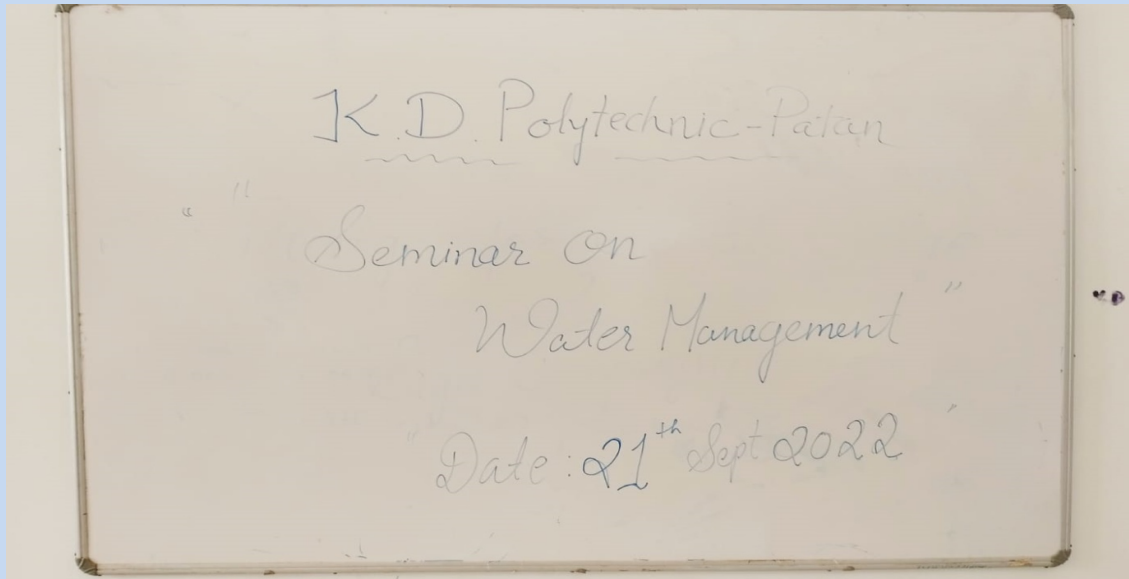
Number of Participants in event: 118

Name of Speakers: (1) Shri K. A. Prajapati (LEE, KDP Patan)
(2) Shri R. J. Prajapati (LEE, KDP Patan)

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for first year students of all departments of this institute and the event titled “Seminar on Water Management”. Gymkhana Coordinator motivated students to contribute to save water for the safe future and for our next generation survival. Shri K. A. Prajapati (LEE) and Shri R. J. Prajapati (LEE) give their speech on this an auspicious occasion. Faculties and students participated well and they acquire very useful information regarding water management.

Pics of event:





9.2. Seminar on “Energy Conservation”

Name of Event: Seminar on “Energy Conservation”

Start Date of Event: 23/09/2022

End Date of Event: 23/09/2022

Venue: Room No. AB-103, New Academic Block, K. D. Polytechnic, Patan.

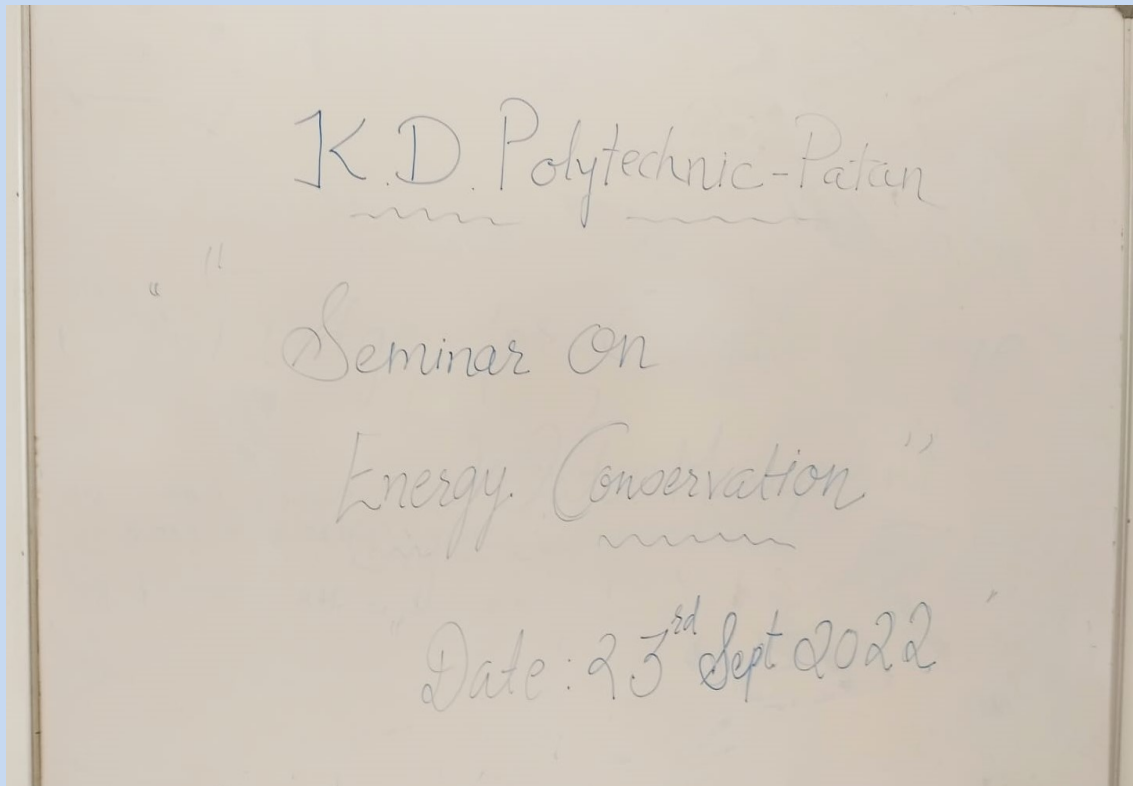
Number of Participants in event: 109

Name of Speakers: (1) Shri K. A. Prajapati (LEE, KDP Patan)
(2) Shri R. J. Prajapati (LEE, KDP Patan)

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for first year students of all departments of this institute and the event titled “Seminar on Energy Conservation”. Gymkhana Coordinator motivated students to contribute to save energy for the safe future and for our next generation survival. Shri K. A. Prajapati (LEE) and Shri R. J. Prajapati (LEE) give their speech on this an auspicious occasion. Faculties and students participated well and they acquire very useful information regarding Energy Conservation.

Pics of event:





9.3. Pledge for Climate change and Signature Campaign

Name of Event: Pledge for Climate change and Signature Campaign

Start Date of Event: 20/09/2022

End Date of Event: 20/09/2022

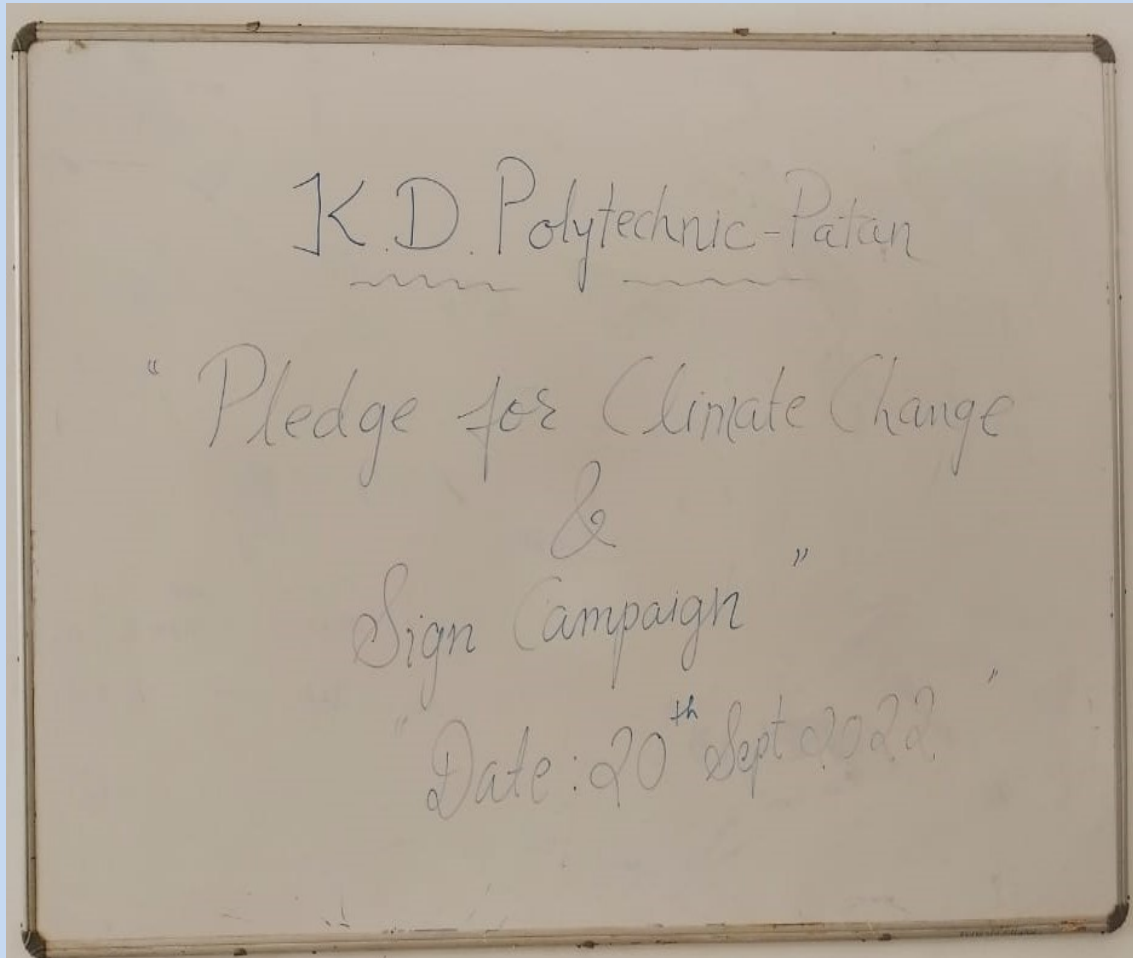
Venue: Incubation Center, New Laboratory Wing, K. D. Polytechnic, Patan

Number of Participants in event: 100

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for first year students of all departments of this institute and the event titled "PLEDGE FOR CLIMATE CHANGE AND SIGN. CAMPAIGN". Gymkhana Coordinator motivated students to contribute to reduce polluted gases emission to prevent climate change. Faculties and students participated well and they take pledge for do the necessary action to prevent climate change.

Pics of event:





9.4. Slogan Competition on Climate Change (03/10/2022)

Name of Event: Slogan Competition on Climate Change

Start Date of Event: 03/10/2022

End Date of Event: 03/10/2022

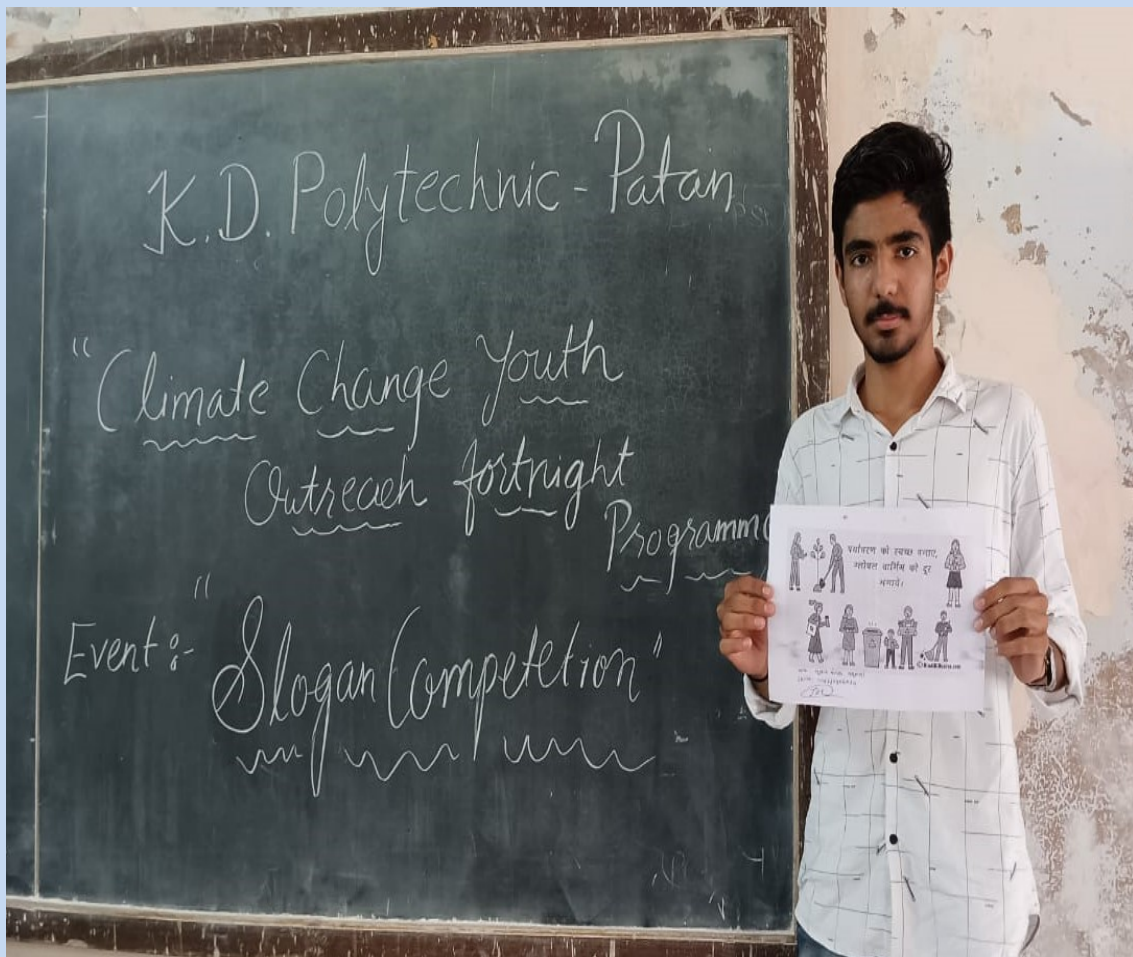
Venue: Class Room No. DH-2, Main Building, K. D. Polytechnic, Patan

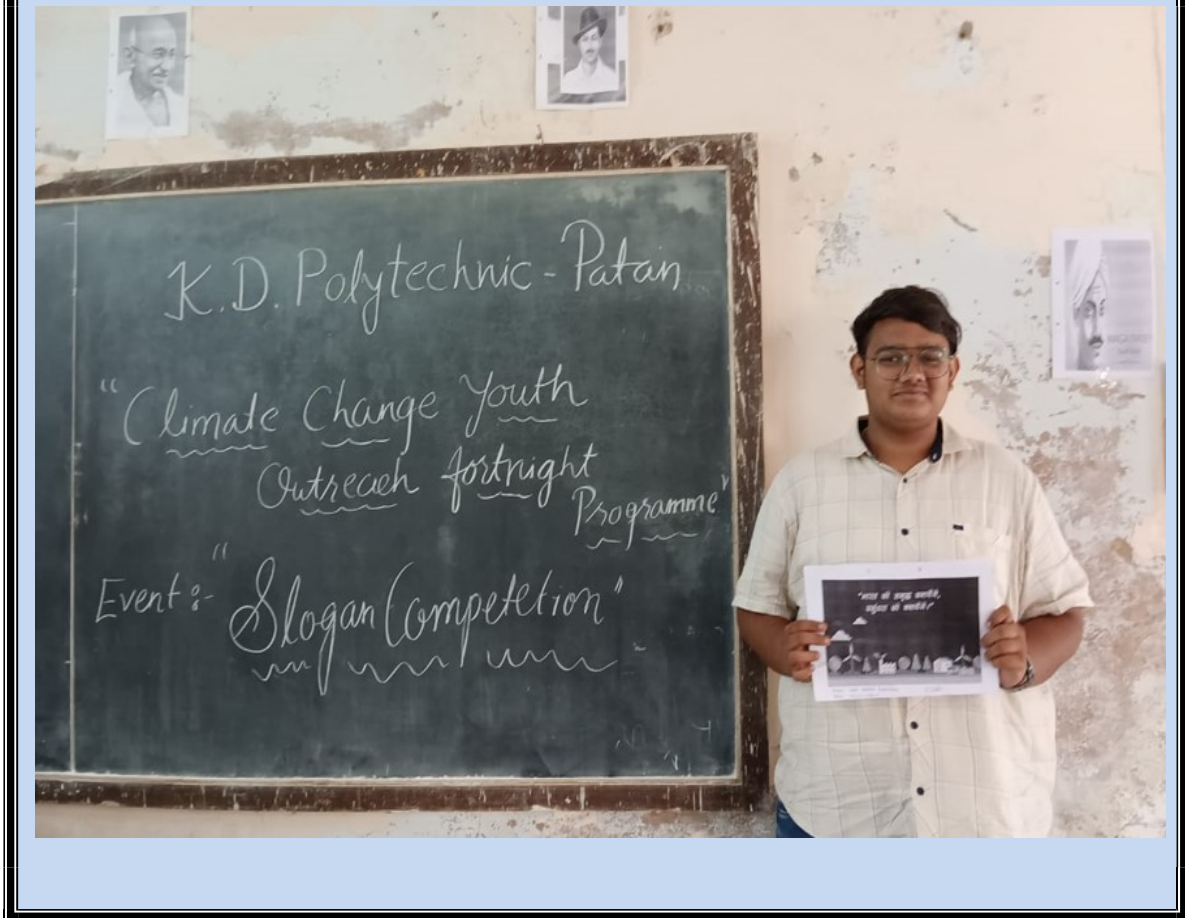
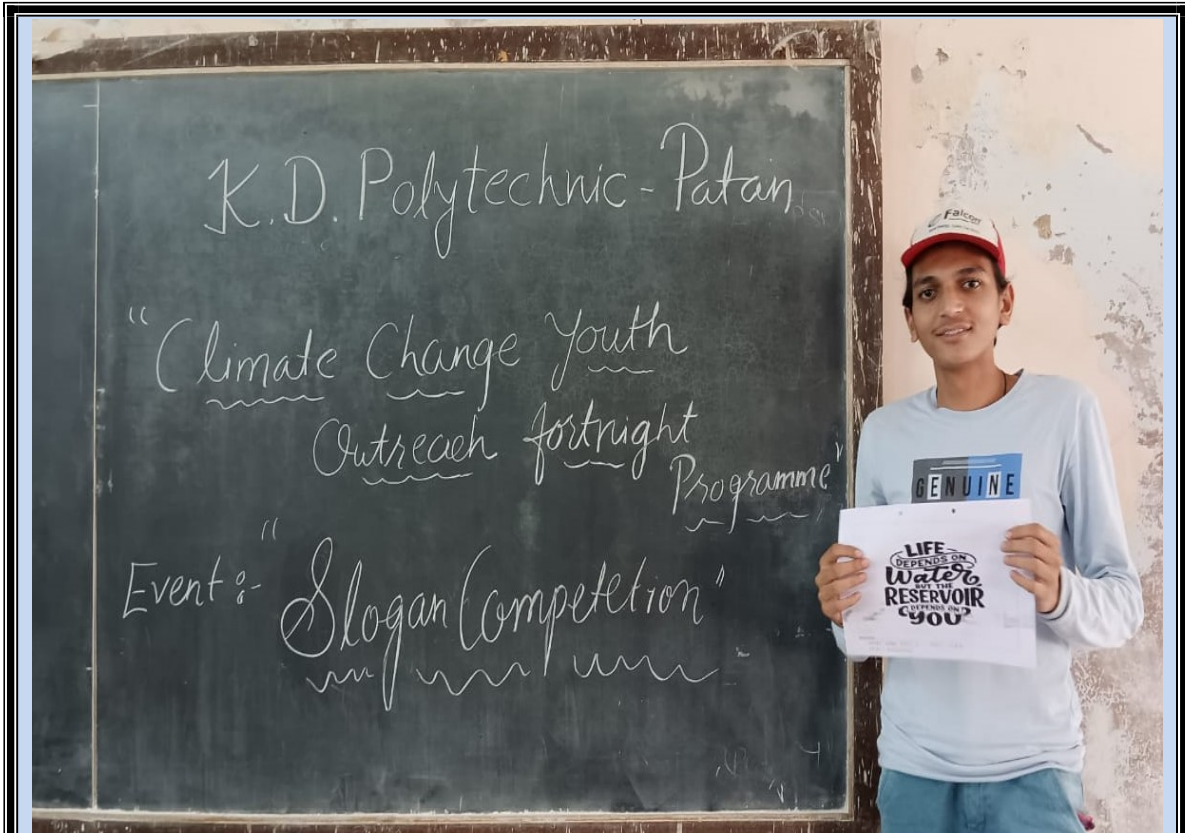
Number of Participants in event: 65

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for all students of all departments of this institute and the event titled "Slogan Competition on Climate Change". Gymkhana Coordinator motivated students to contribute to prepare and present Slogan on climate change. Faculties and students participated well and they prepare and present slogan to prevent climate change.

Pics of event:





9.5. Group Discussion on Climate Change

Name of Event: Group Discussion on Climate Change

Start Date of Event: 21/09/2022

End Date of Event: 21/09/2022

Venue: Class Room No. DH-3, Main Building, K. D. Polytechnic, Patan

Number of Participants in event: 36

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for all students of all departments of this institute and the event titled “Group Discussion on Climate Change”. Gymkhana Coordinator motivated students to contribute to in the organised event to discuss on climate change. Faculties and students participated well and they participated gracefully in the organised event.

Pics of event:





9.6. Essay Competition on Climate Change (23/09/2022)

Name of Event: Essay Competition on Climate Change

Start Date of Event: 23/09/2022

End Date of Event: 23/09/2022

Venue: Class Room No. DH-2, Main Building, K. D. Polytechnic, Patan

Number of Participants in event: 39

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for all students of all departments of this institute and the event titled “Essay Competition on Climate Change”. Gymkhana Coordinator motivated students to contribute and participated in the organised event to write essay which gives message to society on climate change. Faculties and students participated well and gracefully in the organised event.

Pics of event:





9.7. Elocution Competition on Climate Change

Name of Event: Elocution Competition on Climate Change

Start Date of Event: 26/09/2022

End Date of Event: 26/09/2022

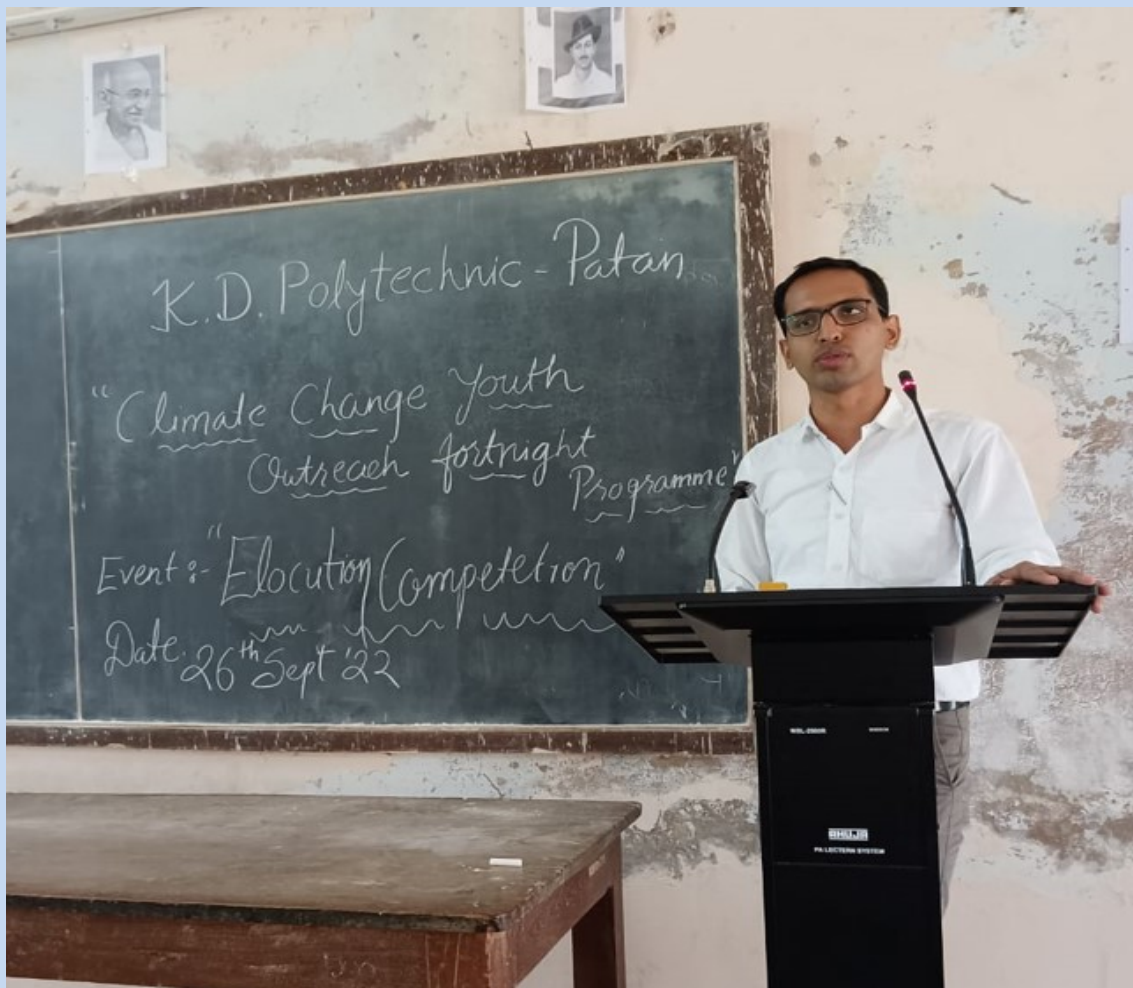
Venue: Class Room No. DH-2, Main Building, K. D. Polytechnic, Patan

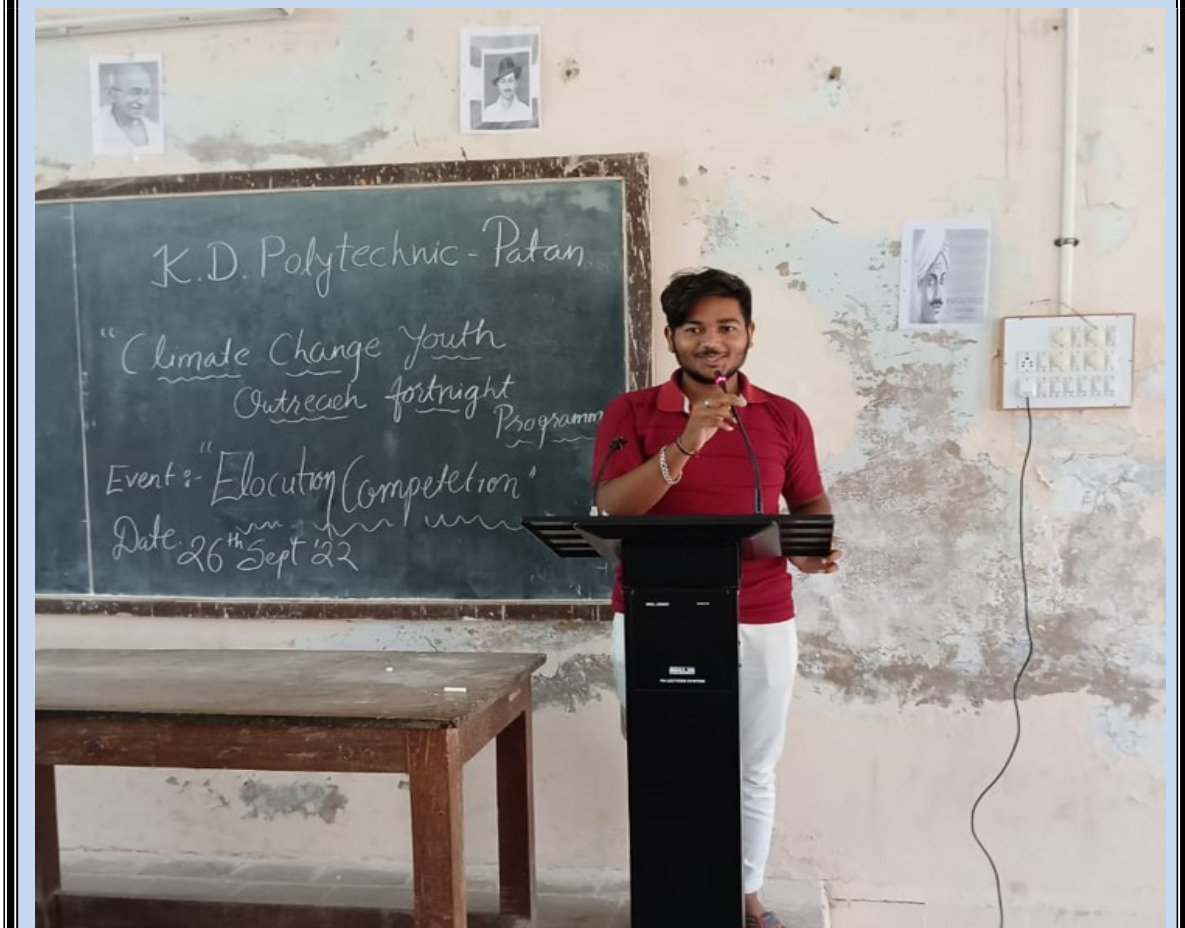
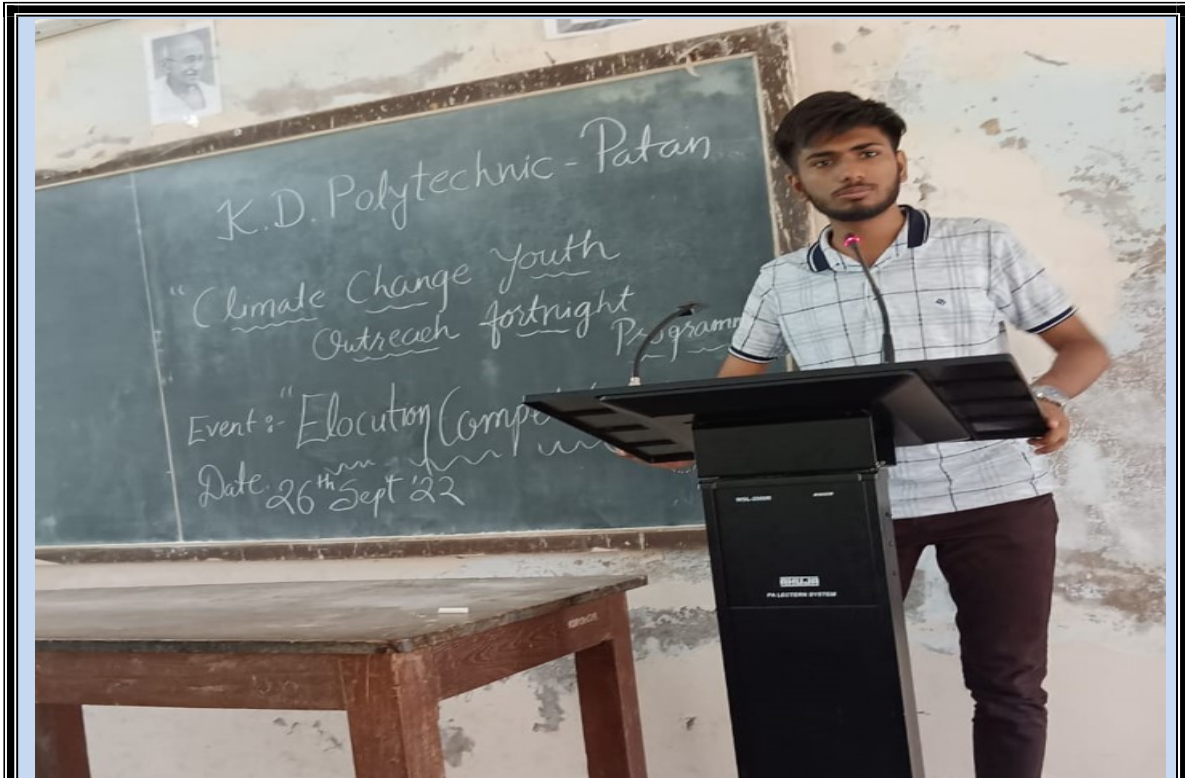
Number of Participants in event: 59

Description of event:

As per the Circular from DTE on dated 14/09/2022, Gymkhana of this institute organized an event for all students of all departments of this institute and the event titled “Elocution Competition on Climate Change”. Gymkhana Coordinator motivated students to contribute and participated in the organised event to give speech on climate change. Faculties and students participated well and gracefully in the organised event.

Pics of event:





9.8. Pledge and Celebration of Constitution Day

Name of Event: Elocution Competition on Climate Change

Start Date of Event: 26/11/2022

End Date of Event: 26/11/2022

Venue: Incubation Center, New Laboratory Wing, K. D. Polytechnic, Patan

Number of Participants in event: 99

Description of event:

Gymkhana of this institute organized an event for all students of all departments of this institute and the event titled “Pledge and Celebration of Constitution Day”. Gymkhana Coordinator motivated students to contribute and participated in the organised event to take pledge and save and follow constitution of our country. Faculties and students participated well and gracefully in the organised event.

Pics of event:





9.9. Seminar on “Cyber Crime Awareness”

Name of Event: Seminar on “Cyber Crime Awareness”

Start Date of Event: 26/12/2022

End Date of Event: 26/12/2022

Venue: Canteen Hall, K. D. Polytechnic, Patan.

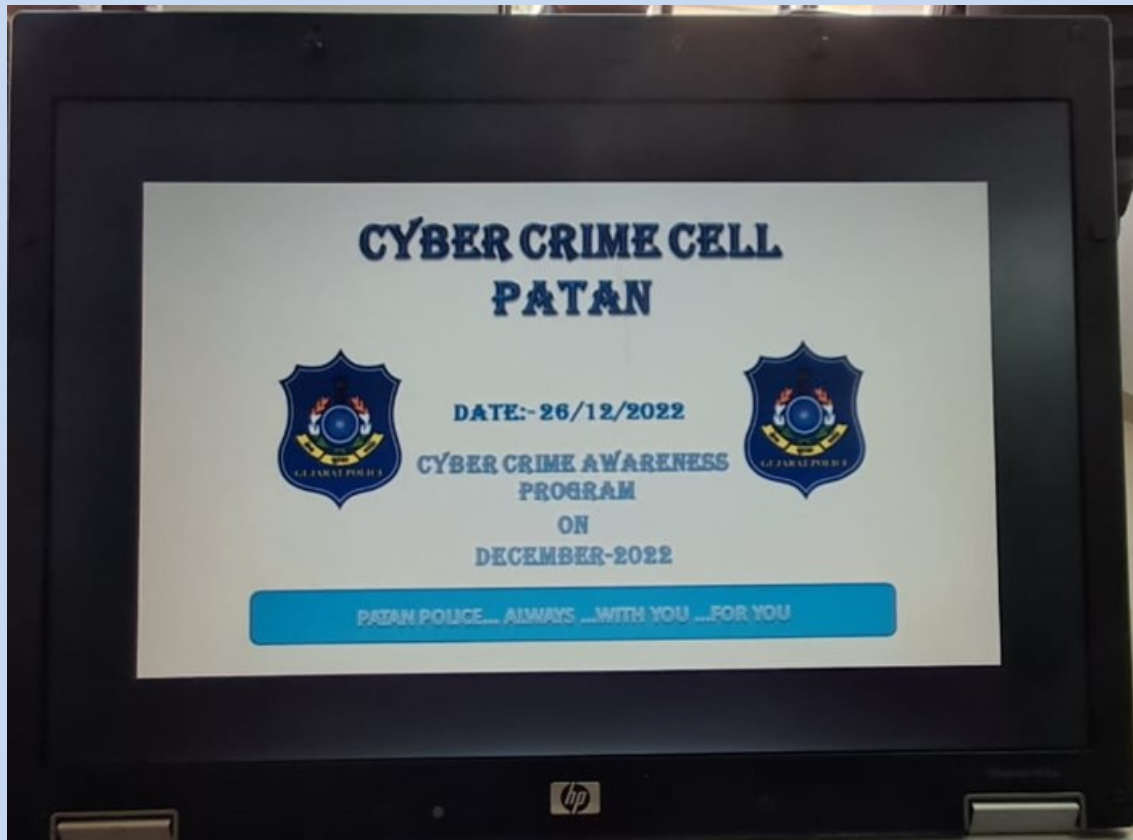
Number of Participants in event: 192

Name of Speakers: (1) Miss. Roshani Patel (LCB, Patan Police)

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 Cyber Crime Awareness”. Gymkhana Cocordinator motivated students to participate in the program. Faculties and students participated well and they acquired very worthwhile and an incredible awareness about Cyber Crime. Patan Police given a fruitful presentation on Cyber Crime Awareness and Roshni Patel mam, Cyber crime branch patan addresses to students and faculty and given a nice presentation on Cyber crime awareness.

Pics of event:

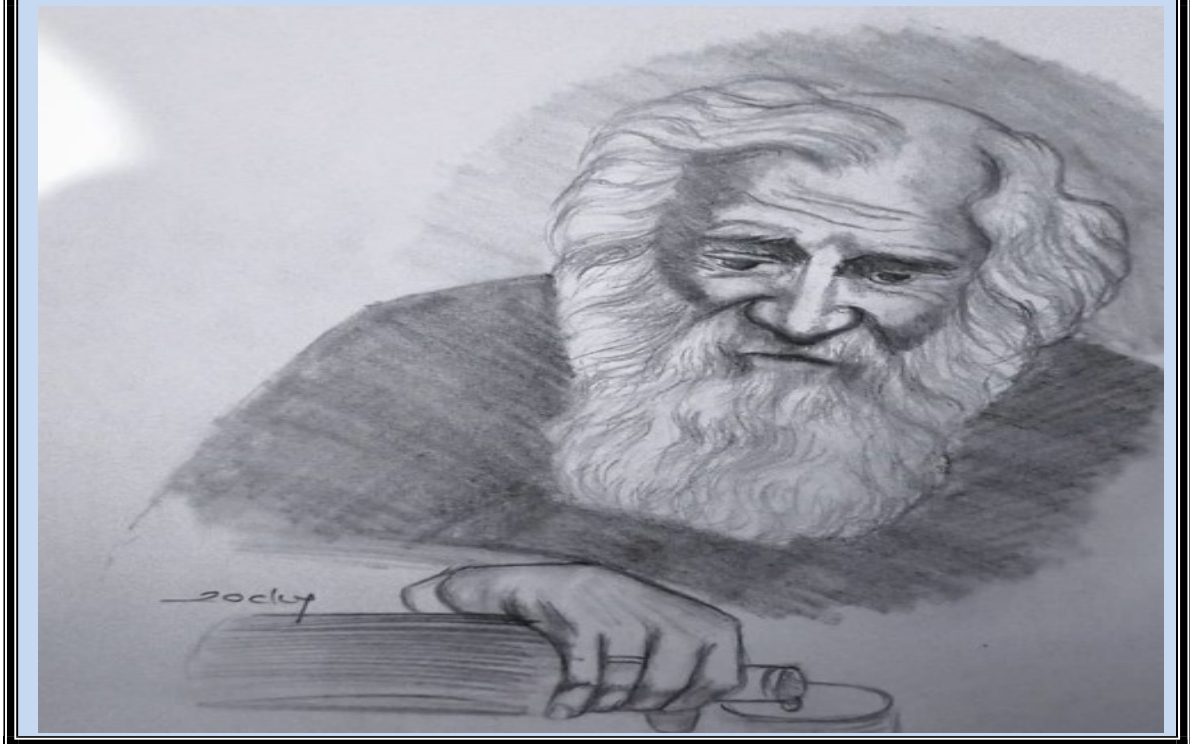


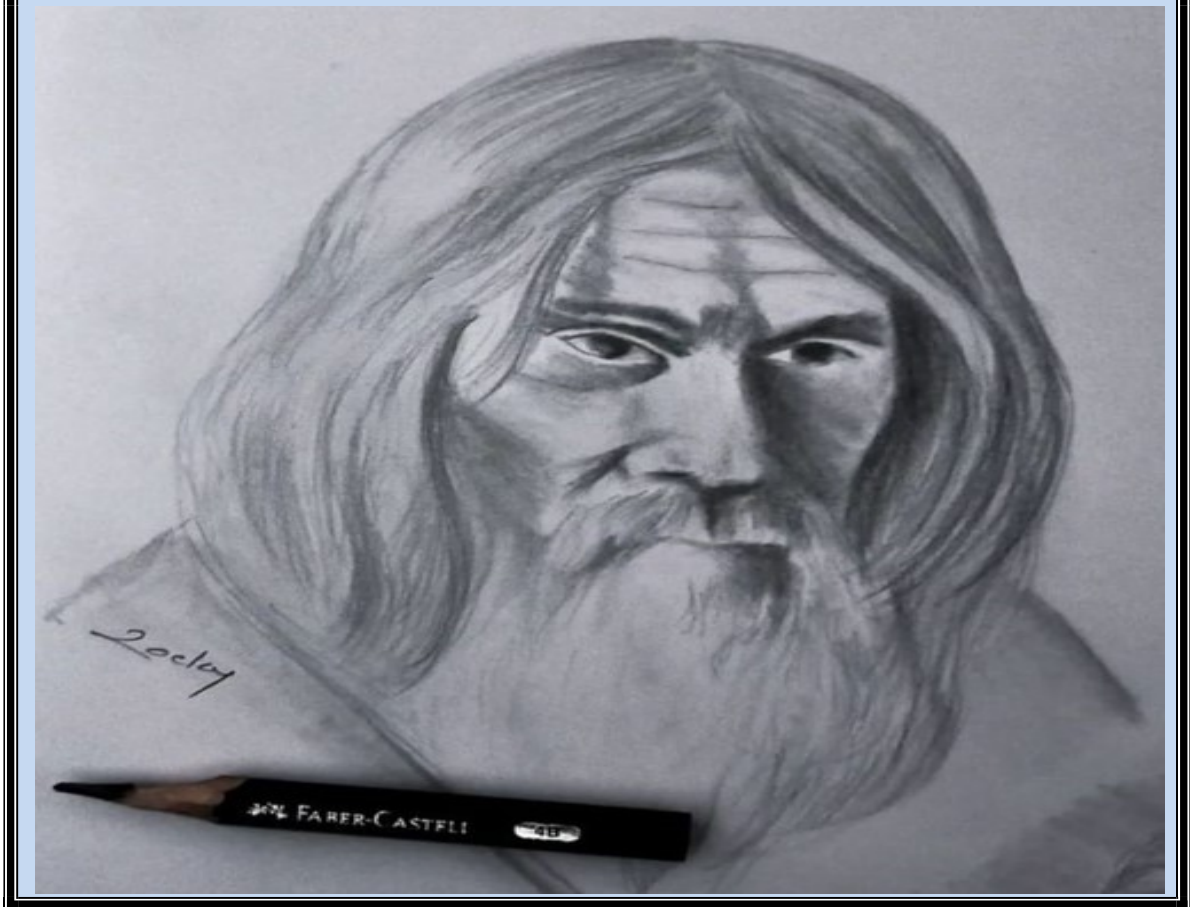
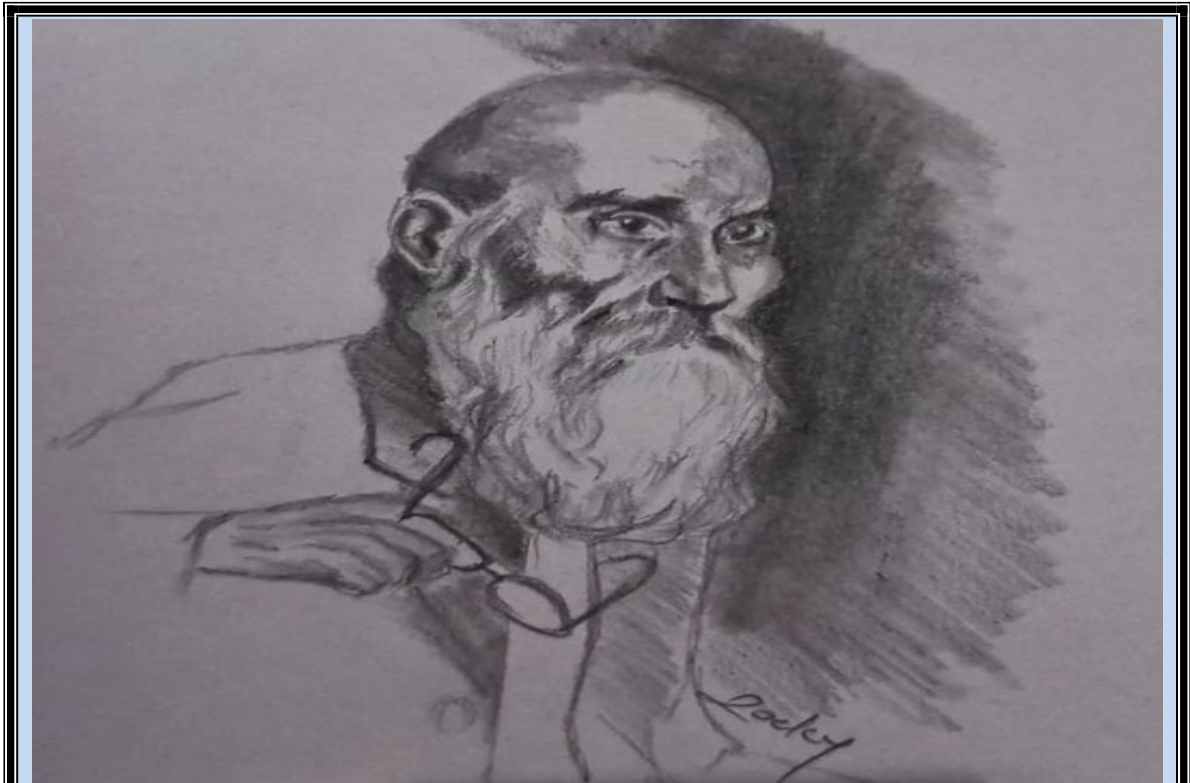


13. Creative Corner

Glimpse of Amazing Sketch Work by Shri R. J. Prajapati (LEE)









Shri R. D. Modi

**E-News Letter Coordinator
Electrical Engg.Dept.**

Shri J. B. Bhati

**E-News Letter Editor in Chief
ElectricalEngg.Dept.**