



**SITARAMBHAI NARANJI PATEL**  
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

A Report on  
State level Technical Festival  
**TECHNOKRUTI**  
28<sup>th</sup> – 29<sup>th</sup> April, 2022

Organized by:



**S. N. Patel Institute of Technology & Research Centre**  
**Umrakh- Bardoli**



# SITARAMBHAI NARANJI PATEL

## INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

### ABOUT VIDYABHARTI TRUST & INSTITUTE

- Vidyabharti Trust is the name associated with education for more than three decades near Bardoli of Surat district and has now evolved as a symbol of quality education dedicated to nurture the talent and aspirations of the bright youth of our nation.
- S. N. Patel Institute of Technology & Research Centre is a premier institution approved by the All-India Council for Technical Education (AICTE), New Delhi and affiliated with Gujarat Technological University (GTU), Ahmedabad, Gujarat. It was foresight to get talented Engineers in the field of Mechanical, Civil, Electrical, Chemical, Electronics & Communication & Computer Science Engineering. Institute also offer postgraduation courses in the area of Construction Management (Civil), Signal Processing & Communication (E&C) and Production Engineering (Mechanical).

### ABOUT TECHFEST

- The TECHNOKRUTI is a trade mark event of S. N. Patel Institute of Technology & Research Centre, a technical festival for young technocrats. “TECHNOKRUTI 2k22” was organized at the institute on 28<sup>th</sup> & 29<sup>th</sup> April, 2022.
- TECHNOKRUTI was a convoy of events related to engineering which gave an opportunity to the students for expanding their technical skill and apply the knowledge gained from books so far. This unique feature of inviting future engineers from the various institutes and showcasing their ideas was admired all over. The Techfest was successful enough to attract around 1900 registrations in about 44 events and 6 categories for two days of technical festival.
- During the two days’ technical festival, young minds with innovative thoughts showcased their skills and talents. The TECHNOKRUTI executed 44 events organized in the best way where the various departments organized different technical and non-technical events under the banner DREAMBUILD (Civil), MECHNO-MANIA (Mechanical), SPARKONIX(Electrical/EC), ATOMIFIER(Chemical), BITS ‘n’ BYTES (Computer Science) and SPECIAL ATTRACTION (ASH).
- TECHNOKRUTI strived to bring out the excellence in students so that they can compete and evaluate their talents and nurture interaction among the diverse groups of contestants.
- The technical festival “TECHNOKRUTI 2k22” was inaugurated on 28<sup>th</sup> April, 2022, 2019. After inaugural the techfest was unleashed. On the same occasion a Treasure hunt and Rocketeering were organized by the Applied Science and Humanity department where more



# **SITARAMBHAI NARANJI PATEL**

## **INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRKHA**

**A Vidyabharti Trust Institution**

Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345

Ph.02622-224581, 220581 Fax : 02622-227481,225458

Email : admin@snpitrc.ac.in, vbtdegree\_umrah@yahoo.co.in

Visit us on : [www.snpitrc.ac.in](http://www.snpitrc.ac.in)

than 65 participated and made the rocket from the kit provided to them after training session, and about 4 such rockets were launched on the same day. Apart from workshop, Web-designing, Space-X, Box cricket, Buzz off, Saptrangi, etc. were the centre of attraction for these two days. The winners of all the events were encouraged with cash prize and certificates.



**Organizing Committee of Techfest TECHNOKRUTI**

<b>Patron</b>	Shri Manharbhai L. Patel	Hon. Managing Trustee
	Shri Kiritbhai N. Patel	Hon. Secretary
	Shri Ashwinbhai H. Patel	Hon. Joint Secretary
<b>Chief Patron</b>	Dr. Piyush S. Jain	Principal
	Dr. Akshay R. Gupta	Administrator
	Dr. Chirag A. Naik	Electrical Engineering
	Prof. Vishal Dhimmar	Mechanical Engineering
	Prof. Chirag B. Patel	Electrical Engineering
<b>Departmental Coordinators</b>	Dr. Ravish Hirpara	Electrical/EC Engineering
	Prof. Darshan Chauhan	Computer Engineering
	Prof. Abhishek Sapre	Civil Engineering
	Dr. Chandra Bhushan Pal	Chemical Engineering
	Dr. Chetankumar Patel	Mechanical Engineering
	Prof. Hardik Patel	Applied Science and humanity



# SITARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRKHAH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

## TECHFEST POSTER-1

**S. N. PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRKHAH**  
Managed By Vidyabharti Trust, Umrakh-Bardoli  
(AICTE Approved & Affiliated with GTU)  
Vidyabharti Campus, At & Po Baben, Ta. Bardoli, Dist. Surat 394601

**Presents**  
**A NATIONAL LEVEL TECHNICAL FESTIVAL**

# TECHNOKRUTI

**2K22**  
**27<sup>th</sup> & 28<sup>th</sup> April 2022**  
**Special Attraction**

- TREASURE HUNT
- ROBO RACE
- HANDS-ON WORKSHOP
- ONE MINUTE GAMES
- BOX / SERI CIR-KIT

**OVERALL MORE THAN 50 EVENTS**

ATOMIFIER
 DREAMBUILD
 BITS 'N' BYTES
 SPARKONIX
 MECHNO-MANIA

**CHIEF PATRONS**

Shri Manharbhai L. Patel  
Hon. Managing Trustee

Shri Kirtibhai N. Patel  
Hon. Secretary

Shri Ashwinbhai H. Patel  
Hon. Joint Secretary

**PATRONS**

Dr. Piyush S. Jain  
Principal

Dr. Akshay R. Gupta  
Administrator

Dr. Chirag A. Nalk  
No. 99251 63633

Prof. Vishal Dhimmar  
No. 93764 19151

Prof. Chirag B. Patel  
No. 90166 06737

**EVENT COORDINATORS**

CIVIL ENGINEERING  
Prof. Abhishek A. Sapre  
No. 85417 54444

ELECTRICAL ENGINEERING  
Dr. Ravish H. Hirpara  
No. 99243 99913

MECHANICAL ENGINEERING  
Dr. Chetan P. Patel  
No. 97483 35238

COMPUTER ENGINEERING  
Prof. Darshan R. Chauhan  
No. 95328 80229

CHEMICAL ENGINEERING  
Dr. Chandra Bhushan T. Pal  
No. 81338 94123

APPLIED SCIENCES & HUMANITY  
Prof. Hardik A. Patel  
No. 85213 00334

## TECHFEST BANNER

**S. N. PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRKHAH**  
Managed By Vidyabharti Trust, Umrakh-Bardoli  
(AICTE Approved & Affiliated with GTU)  
**Presents**  
**A NATIONAL LEVEL TECHNICAL FESTIVAL**

# TECHNOKRUTI

**2K22**  
**27<sup>th</sup> & 28<sup>th</sup> April 2022**  
**OVERALL MORE THAN 50 EVENTS**

ATOMIFIER
 DREAMBUILD
 BITS 'n' BYTES
 SPARKONIX
 MECHNO-MANIA

**ATtractive Prizes**

MECHNO-MANIA (Mechanical)	DREAMBUILD (Civil)	BITS 'n' BYTES (Computer)	ATOMIFIER (Chemical)	SPARKONIX (Electrical & EC)	SPECIAL ATTRACTION
Crane-O-Mania Sharp Shooter Wood Craft ShipWreck Space-X Mind-over-Letter Brain Buzzer CAD Cracker Chai Pe Charcha Mann Ki Baatein	Model Presentation Postify It. Pirate Voyage Hawk-eye Ad-zap Plan-o-mania.. Box Cricket Sheri Cricket Gol-o-gappa Live Ludo Blind Volley Ball Footy Trio Tower Blast Balloon	C Relay Image Editing Reelography Web Designing Bgmi Valorant	Quiz-O-Hunt Synopsis Snake-O-Mystery Fast Of Fury Poster Presentation Saptarangi IPL Auction Blind Football Tag Throw Sack Folding	Robo - Race Circuit Assembly Poster Presentation Laser Quiz Cool Game Electro Buzz Off Model Presentation	Treasure Hunt Maths Mind Rocketeering Shark Tank
Mit Majithiya +91 8140775392	Karamvir Desai +91 7572835299	Pruithvi Zaveri +91 9664713064	Hardik Parmar +91 9978564362	Pravin Patel    Dhruv Patel +91 7567583485    +91 9714514401	Viral Patel +91 8469243770

**Vidyabharti Campus, At & Po Baben, Ta: Bardoli, Dist: Surat, Pin: 394601 | For Admission : 9925 777 117**



**SITARAMBHAI NARANJI PATEL**  
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrahk@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

**INVITATION CARD**



SITARAMBHAI NARANJI PATEL INSTITUTE OF  
TECHNOLOGY & RESEARCH CENTRE, UMRRAKH  
(Formerly Vidyabharti Trust Institute of Technology & Research Centre)

**INVITATION**

To \_\_\_\_\_  
SNPIT&RC cordially invites your august  
presence on the occasion of



ON

27<sup>th</sup> & 28<sup>th</sup> April'22

Time: 10:30 AM onwards

**CHIEF GUEST**

Shri. Mukeshbhai C. Vasava  
Deputy Director

Department of Employment, Surat

**PATRONS**

Shri Manharbhai Patel    Shri Kiritbhai Patel    Shri Ashwinbhai Patel  
Hon. Managning Trustee    Hon. Secretary    Hon. Co- Secretary

**INVITEES**

Dr. Piyush Jain    Dr. Akshay Gupta    Dr. Miral Thakker  
Principal    Administrator    Vice-Principal  
Dr. Chirag Naik    Prof. Vishal Dhimmar    Prof. Chirag B. Patel  
Event Coordinator    Event Coordinator    Event Coordinator

Vidyabharti Campus, At. & Po. Baben,  
Ta: Bardoli, Dist: Surat, PIN: 394601



**SCHEDULE OF EVENTS (DAY 1)**



**TECHNOKRUTI**

# DAY 1

## SCHEDULE

**INAUGURATION : 10:30AM TO 11:30AM**  
**LOCATION : AUDITORIUM HALL, SNPIT&RC**

<b>BITS'N'BYTES</b>			<b>SPARKONIX</b>		
C Relay	A-31	12:00 to 01:30	Circuit Assembly	B-10	11:30 to 02:30
Image editing	A-33	01:30 to 03:00	Poster Presentation	Wing C ; L1/A	01:30 to 04:30
Reelography	A-15	12:00 to 02:30	Laser Maze	B-6/1	11:30 to 03:30
web designing	A-18	12:00 onwards	Quiz	B-8	11:30 to 01:30
Bgmi	A-17	12:00 onwards	Cool Game	B Wing 1floor	11:30 to 04:30
Valorant	A-29	02:00 onwards	Electro Buzz-Off	B Wing 1floor	11:30 to 04:30

  

<b>MECHNO-MANIA</b>			<b>ATOMIFIER</b>		
Sharp Shooter	b/w A wing & Foundry	NO	Quiz-O-Hunt	C-3	11:30 to 04:30
Wood Craft	M2 W wing	11:30 AM	Synopsis	C ; L1/B	01:30 to 03:30
ShipWreck	Ground	11:30 AM	Snake-O-Mystery	In Front of A	11:30 to 04:30
Space-X	Ground	12:00 PM	Poster Presentation	C ; L1/A	01:30 to 03:30
Mind-over-Letter	Drawing hall [W]	02:00 PM	Saptarangi	A-2	11:30 to 04:30
Brain Buzzer	W-4 & W-3	12:00 PM	IPL Auction	W ; Seminar Lab	12:00 to 04:30
CAD Cracker	A30	12:00 PM	Blind Football	Cricket Ground	12:00 to 04:30
Chai Pe Charcha	W2	01:00 PM	Tag Throw	Behind C	12:00 to 04:00
Mann Ki Baatein	M1 Workshop	01:00 PM	Sack Folding	B/w C & Store	12:00 to 04:00

  

<b>DREAMBUILD</b>			<b>SPECIAL ATTRACTION</b>		
Model Presentation	B-27	11:30 onwards	Treasure Hunt	W	02:00 to 05:00
Postify It.	B-27	NO	Rocketeering	Auditorim [W]	NO
Pirate voyage	B-28 [B]	11:30 onwards			
Hawk-Eye	B-4	11:30 onwards			
Ad-Zap	B-26	11:30 onwards			
Plan-o-Mania..	B-5	11:30 onwards			
Box cricket	outside of B-wing	11:30 onwards			
Sheri Criket	outside of B-wing	11:30 onwards			
Gol-o-gappa	Civil Parking	11:30 onwards			
Live Ludo	B-25	11:30 onwards			
Blind Volley ball cricket	Ground	11:30 onwards			
Blast balloon	B-26[1]	11:30 onwards			



**SCHEDULE OF EVENTS (DAY 2)**



# SCHEDULE

## DAY 2

### BITS'N'BYTES

C Relay	A-31	12:00 to 01:30
Image editing	A-33	01:30 to 03:00
Reelography	A-15	12:00 to 02:30
web designing	A-18	12:00 onwards
Bgmi	A-17	12:00 onwards
Valorant	A-29	02:00 onwards

### MECHNO-MANIA

Sharp Shooter	b/w A wing & Foundry	11:30
Wood Craft	M2 W wing	11:30
ShipWreck	Ground	NO
Space-X	Ground	12:00
Mind-over-Letter	Drawing hall [W]	NO
Brain Buzzer	W-4 & W-3	12:00
CAD Cracker	A30	12:00
Chai Pe Charcha	W2	NO
Mann Ki Baatein	M1 Workshop	NO

### DREAMBUILD

Model Presentation	B-27	NO
Postify It.	B-27	10:30 onwards
Pirate voyage	B-28 [B]	10:30 onwards
Hawk-Eye	B-4	10:30 onwards
Ad-Zap	B-26	10:30 onwards
Plan-o-Mania..	B-5	10:30 onwards
Box cricket	outside of B-wing	10:30 onwards
Sheri Criket	outside of B-wing	10:30 onwards
Gol-o-gappa	Civil Parking	10:30 onwards
Live Ludo	B-25	10:30 onwards
Blind Volley ball	cricket Ground	10:30 onwards
Blast balloon	B-26[1]	10:30 onwards

### SPARKONIX

Circuit Assembly	B-10	NO
Poster Presentation	Wing C ; L1/A	11:30 to 01:30
Laser Maze	B-6/1	10:30 to 01:00
Quiz	B-8	10:30 to 01:00
Cool Game	B Wing 1floor	11:30 to 04:30
Electro Buzz-Off	B Wing 1floor	10:30 to 04:30

### ATOMIFIER

Quiz-O-Hunt	C-3	10:30 to 04:30
Synopsis	C ; L1/B	11:30 to 01:30
Snake-O-Mystery	In Front of A	10:30 to 04:30
Poster Presentation	C ; L1/A	11:30 to 01:30
Saptarangi	A-2	10:30 to 04:30
IPL Auction	W ; Seminar Lab	10:30 to 04:30
Blind Football	Cricket Ground	10:30 to 04:30
Tag Throw	Behind C	10:30 to 02:30
Sack Folding	B/w C & Store	10:30 to 02:30

### SPECIAL ATTRACTION

Treasure Hunt	Auditorium [W]	10:00 to 02:00
Rocketeering	Auditorium [W]	12:00 to 02:00





**SITARAMBHAI NARANJI PATEL**  
**INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH**

A Vidyabharti Trust Institution  
 Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
 Ph.02622-224581, 220581 Fax : 02622-227481,225458  
 Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
 Visit us on : www.snpitrc.ac.in

**CERTIFICATES OF THE EVENT**

 **S. N. PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRAKH**  
 Managed By Vidyabharti Trust, Umrakh-Bardoli  
 (AICTE Approved & Affiliated with GTU)  
 Vidyabharti Campus, At & Po Baben, Ta. Bardoli, Dist. Surat 394601

---

**Certificate of Participation**  
*This is to certify that*

\_\_\_\_\_ has participated in \_\_\_\_\_ event in

**TECHNOKRUTI**  
**2K22**

*A National Level Technical Festival*  
*at S. N. Patel Institute of Technology & Research Centre, Umrakh, Bardoli*  
*on 27<sup>th</sup> & 28<sup>th</sup> April 2022*

  
**Dr. Chirag A Naik**  
 Event Coordinator

  
**Dr. Piyush S. Jain**  
 Principal

**Certificate of Participation**

 **S. N. PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRAKH**  
 Managed By Vidyabharti Trust, Umrakh-Bardoli  
 (AICTE Approved & Affiliated with GTU)  
 Vidyabharti Campus, At & Po Baben, Ta. Bardoli, Dist. Surat 394601

---

**Certificate of Merit**  
*This is to certify that*

\_\_\_\_\_ has secured \_\_\_\_\_ position in \_\_\_\_\_ event in

  
**TECHNOKRUTI**  
**2K22**

*A National Level Technical Festival*  
*at S. N. Patel Institute of Technology & Research Centre, Umrakh, Bardoli*  
*on 27<sup>th</sup> & 28<sup>th</sup> April 2022*

  
**Dr. Chirag A Naik**  
 Event Coordinator

  
**Dr. Piyush S. Jain**  
 Principal

**Certificate of Winning**



**SITARAMBHAI NARANJI PATEL**  
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
Visit us on : www.snpitrc.ac.in



**Certificate of Appreciation**



## Inauguration ceremony

Inauguration ceremony of “TECHNOKRUTI 2k22” was organized on 28<sup>th</sup> April, 2022 in auditorium hall in the presence of chief guest Shri. Mukeshbhai C. Vasava (Deputy Director, Department of Employment, Surat), Shri. Harshadbhai Sitarambhai Patel (Member of Vidyabharti Trust), Dr. Piyush S. Jain (Principal), Dr. Miral Thakkar (Vice Principal) and Dr. Chirag A. Naik (Event coordinator). The “Technokruti 2k22” was officially opened by lamp lightening ceremony during the inauguration by all the dignitaries on the dias.



***Lamp lightening during Inauguration***



**Wood craft and Ship Wreck events under MECHNO-MANIA (Mechanical)**





**Buzz off and Laser Maze: Event under SPARKONIX**





# SITARAMBHAI NARANJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrah@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

## *C Relay and Image editing: Event under BITS'N'BYTES*





# SITARAMBHAI NARANJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrah@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

## *Teasure hunt and Rocketeering: Event under SPECIAL ATTRACTION (ASH)*





# SITARAMBHAI NARANJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrakh@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

## *Fast of fury and Quiz -o-hunt : Event under ATOMIFIER*







# SITARAMBHAI NARANJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRRAKH

A Vidyabharti Trust Institution  
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345  
Ph.02622-224581, 220581 Fax : 02622-227481,225458  
Email : admin@snpitrc.ac.in, vbtdegree\_umrah@yahoo.co.in  
Visit us on : www.snpitrc.ac.in

## Model Presentation and Box cricket: Event under DREAMBUILD

