



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

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**  
21<sup>st</sup> – 22<sup>nd</sup> February, 2019



**Organized by:**



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

**Sponsored by**

**Gujarat Council on Science & Technology (GUJCOST)**



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### 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 post-graduation courses in the area of Construction Management (Civil), Signal Processing & Communication (E&C) and Production Engineering (Mechanical).

### ABOUT TECHFEST

- The 4<sup>th</sup>-Edition of trade mark event of S. N. Patel Institute of Technology & Research Centre, a technical festival for young technocrats, "TECHNOKRUTI 2k19" was organized at the institute on 21<sup>st</sup> & 22<sup>nd</sup> February, 2019.
- 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



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1150 registration teams in about 60 events under 7 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 60 events organized in the best way where the various departments organized different technical and non-technical events under the banner AADHAR (Civil), YANTRA (Mechanical), VIJ VEER (Electrical), RASAYAN (Chemical), BIT ULTRONS (Computer Science), TECHNOTRONIX (Electronics & Communication) and SPECIAL ATTRACTION.
- 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 2k19" was inaugurated on 21<sup>st</sup> February, 2019. After inaugural the techfest was unleashed. On the same occasion a HANDS-ON-WORKSHOP on ROCKET MAKING was organized by the Mechanical Department where more than 200 student of south Gujarat Engineering College had participated and made the rocket from the kit provided to them after training session, and about 24 such rockets were launched on the same day. Apart from workshop, ROBO-MANIA, MASTERCHEF, TREASURE-HUNT, BOX cricket, Tech-Snake-Ladder, 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 M. L. Patel       | Hon. Managing Trustee  |
|                                  | Shri K. N. Patel       | Hon. Secretary         |
|                                  | Shri A. H. Patel       | Hon. Joint Secretary   |
| <b>Chief Patron</b>              | Dr. A. V. Shah         | Campus Director        |
|                                  | Dr. P. S. Jain         | Principal              |
| <b>Event Coordinators</b>        | Prof. Vishal Dhimmar   | Mechanical Engineering |
|                                  | Prof. Hiren Rathod     | Civil Engineering      |
|                                  | Prof. Rushabh Shah     | Civil Engineering      |
| <b>Departmental Coordinators</b> | Prof. Chirag A. Patel  | Electrical Engineering |
|                                  | Prof. Rutal Mahajan    | Computer Engineering   |
|                                  | Prof. Mayank Patel     | E&C Engineering        |
|                                  | Prof. Bhavin Kashiyani | Civil Engineering      |
|                                  | Prof. Darshan Sarang   | Chemical Engineering   |
|                                  | Prof. Harshal Shukla   | Mechanical Engineering |



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## TECHFEST POSTER-1

### S. N. Patel Institute of Technology & Research Centre

A Vidyabharti Trust Institution, Umrakh - Bardoli

50 Rs./Student/Event\*

**Special Attraction**

લોકોના શુભલોકો (TREASURE HUNT)  
ROBO MANIA  
HANDS-ON WORKSHOP  
ONE MINUTE GAMES  
BOX/SERI CIR-KIT

**OVERALL MORE THAN 50 EVENTS**

SNPITRC  
Presents  
**A State level Technical Festival**  
Consecutively in 4<sup>th</sup> Year

# TECHNOKRUT

2k19

**21<sup>st</sup> - 22<sup>nd</sup> February**

**::Sponsored by::**

**Vantra**

**ATTRACTION PRIZES**

**Vj VEE P**

**Bit Ultronic**

| CHIEF PATRONS                             |                                      |  | PATRONS                           |                                   | EVENT COORDINATORS                 |                                   |                                     |
|---|--------------------------------------|--|-----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-------------------------------------|
| SHRI M. L. PATEL<br>HON. MANAGING TRUSTEE | SHRI K. N. PATEL<br>HON. SECRETARY   | SHRI A. H. PATEL<br>HON. JOINT SECRETARY | DR. A. V. SHAH<br>CAMPUS DIRECTOR | DR. P. S. JAIN<br>PRINCIPAL       | PROF. HIREN RATHOD<br>9426789597   | PROF. RUSHABH SHAH<br>88665-45320 | PROF. VISHAL DHIMMAR<br>93764-19151 |
| CIVIL ENGINEERING                         | ELECTRICAL ENGINEERING               | MECHANICAL ENGINEERING                   | E&C ENGINEERING                   | COMPUTER ENGINEERING              | CHEMICAL ENGINEERING               |                                   |                                     |
| PROF. BHAVIN KASHIYANI<br>9033721571      | PROF. CHIRAG A. PATEL<br>97257-23767 | PROF. HARSHAL SHUKLA<br>99092-07052      | PROF. MAYANK PATEL<br>9723999096  | PROF. RUTAL MAHAJAN<br>9426393096 | PROF. DARSHAN SARANG<br>8905424105 |                                   |                                     |

## TECHFEST BANNER

### S. N. Patel Institute of Technology & Research Centre

A Vidyabharti Trust Institution, Umrakh - Bardoli

50 Rs./Student/Event\*

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**INVITATION CARD**

S. N. Patel Institute of Technology  
 & Research Centre, Umrakh  
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**INVITATION**  
 For the Inaugural Function of

**A State level Technical Festival**  
**TECHNOKRUTI – 2k19**

**A State level Technical Festival**

**TECHNOKRUTI**  
**2k19**

**21<sup>st</sup> – 22<sup>nd</sup> February**

**::Sponsored by::**




Department of Science & Technology  
 Government of Gujarat

**INVITATION**

To, \_\_\_\_\_

We cordially invite you to attend the Inaugural  
 Function of

**A State level Technical Festival**  
**TECHNOKRUTI – 2k19**

**Date:**  
 Thursday, 21<sup>st</sup> February, 2019

**Time:**  
 09:30 a.m. onwards.

**Venue:**  
 Near A-Building,  
 S. N. Patel Institute of Technology & Research Centre,  
 Vidyabharti Campus



~ Invitees ~

**CHIEF PATRONS**

**SHRI M. L. PATEL**  
 HON. MANAGING TRUSTEE

**SHRI K. N. PATEL**      **SHRI A. H. PATEL**  
 HONORABLE              HONORABLE  
 SECRETARY              JOINT SECRETARY

**PATRONS**

**DR. A. V. SHAH**      **DR. P. S. JAIN**  
 CAMPUS DIRECTOR      PRINCIPAL

~

*We, the organizers request the pleasure  
 of your esteemed presence at the function.*



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**Certificate of Participation**

*This is to certify that*

\_\_\_\_\_

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

**TECHNOKRUTI 2K19**

*A State Level Technical Festival*  
*at S. N. Patel Institute of Technology & Research Centre, Umrakh, Bardoli*  
*on 21<sup>st</sup> & 22<sup>nd</sup> February 2019*

SPONSORED BY

**Dr. Piyush S. Jain**  
Principal

**Event Coordinator**

**Certificate of Participation**

**S. N. Patel Institute of Technology & Research Centre, Umrakh**  
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 Vidyabharti Campus, At & Po. Baben, Ta: Bardoli, Dist: Surat

**Certificate of Merit**

*This is to certify that*

\_\_\_\_\_

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

**TECHNOKRUTI 2K19**

*A State Level Technical Festival*  
*at S. N. Patel Institute of Technology & Research Centre, Umrakh, Bardoli*  
*on 21<sup>st</sup> & 22<sup>nd</sup> February 2019*

SPONSORED BY

**Dr. Piyush S. Jain**  
Principal

**Event Coordinator**

**Certificate of Winning**









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***Lamp lighting during Inauguration***





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***ROBO-Race & War: Event under Vij-Veer/Technotronix***



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**ROCKETEERING Workshop & Rocket launching: Event under Yantra**





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**PIRATE VOYAGE & CONSTRUCT-O-PLANNING: Event under Aadhar**





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**SAPTARANGI: Event under Rasayan**



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***IOT Workshop: Event under Bit-ultrons***