

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Applied Science and Humanities (ASH)

REPORT

ON

SAMANVAY-2026

Under the Banner of Annual Technical Festival — Kshitij-2026

September 18 – 19, 2026 | SCET Campus, Surat

EXECUTIVE SUMMARY

Initiative Overview: During Kshitij-2026, the ASH Department successfully hosted 8 flagship events under the 'Samanvay' umbrella, spanning Chemistry, Physics, Mathematics, Humanities, and Management.

Participation Reach: Over 250 student entries were recorded across diverse B.Tech streams (AIDS, CO, IT, MECH, CL, IC, EC, CHEM, ELE) featuring competitive written screening, buzzer finale rounds, outdoor STEM hunts, live sales pitches, and elocution.

Executive Event Matrix

The table below presents a consolidated summary of all eight events conducted under the SAMANVAY-2026 initiative, arranged strictly in alphabetical order for seamless reference across disciplines:

Event Name	Section	Date & Time	Venue	Faculty Coordinator(s)
Ad-O-Media	H&M	18 Sep 2026 10:00 - 11:00 AM	Drawing Hall-2	Dr. Dhara Desai Dr. Rutvi Zaveri
Chemistry Quiz	Chemistry	19 Sep 2026 11:00 AM onwards	Room K201	Dr. Hitesh Desai Prof. Rutu Patel
Elocution	Chemistry	18 Sep 2026 11:00 AM	Room K201	Dr. Hitesh Desai

Competition		onwards		Prof. Rutu Patel
Essay Competition	Chemistry	18 Sep 2026 09:30 AM onwards	Room K201	Dr. Hitesh Desai Prof. Rutu Patel
Mathopia 2026	Mathematics	18-19 Sep 2026 11:00 AM - 12:00 PM	Rooms G-201 to G-204	Dr. Hema Surati Prof. Shiv Master
Physics Treasure Hunt	Physics	18 Sep 2026 11:00 AM - 2:00 PM	Physics Lab & Campus	Dr. Disha Mehta
Pitch-er Perfect	H&M	19 Sep 2026 9:30 AM - 1:00 PM	SCET Campus	Prof. Simran Ahuja Prof. Meet Trivedi
The Physics Hot-Seat	Physics	18 Sep 2026 12:00 PM - 2:00 PM	Drawing Hall-2	Dr. Prathmesh Vyas

1. Inaugural Function:

The "SAMANVAY-2026" initiative was organized by the Department of Applied Science and Humanities (ASH) at Sarvajani College of Engineering & Technology (SCET), Surat, under the banner of the institute's flagship annual technical festival, Kshitij-2026. Conducted across September 18–19, 2026, the initiative served as a multi-disciplinary platform designed to bridge theoretical foundational sciences with practical, interactive, and competitive elements. The event officially launched a series of "SAMANVAY-2026" in Chemistry, Physics, Mathematics, and Humanities and Management to promote scientific thinking, teamwork, and communication skills among students.



2. Detailed Event Reports

2.1 Ad-O-Media (On-the-Spot Advertisement Poster Competition)

Organized by the H&M Section of ASHD, Hosted in Drawing Hall-2 under Kshitij-2026, Ad-O-Media was an intensive visual marketing and strategy competition where participants turned abstract product concepts into compelling advertisement posters on physical A3 sheets within 60 minutes.

- **Coordinators:** Dr. Dhara Desai & Dr. Rutvi Zaveri (Faculty); Diya Gajiwala & Pari Jain (Student)
- **Rules & Format:** On-the-spot product allocation. Manual art only—digital software (Canva, AI, Photoshop), printouts, tracing, and stencils were strictly banned.
- **Mandatory Elements:** Catchy Tagline + Product Name + Creative Visual Artwork + Strategic Marketing Message.
- **Evaluation Parameters:** Creativity, Originality, Aesthetic Presentation, and Advertising Impact.

Rank	Winner Name	Branch & Year	Prize Awarded
1st Rank	Samiksha Shaurya	Mechanical Engineering (1st Year)	₹800 Cash Prize
2nd Rank	Daisy Korwala	Electronics Communication (2nd Year)	& ₹300 Cash Prize
2nd Rank	Himalay Shravan Soni	Mechanical Engineering (1st Year)	₹300 Cash Prize



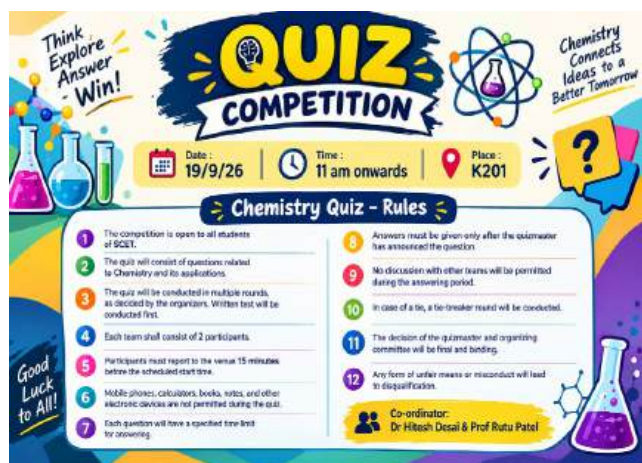


2.2 Chemistry Quiz Competition

Organized by the Chemistry Section of ASHD, the Chemistry Quiz engaged students in rapid conceptual recall and application of fundamental chemistry principles in daily life and industrial technology.

- **Coordinators:** Dr. Hitesh Desai & Prof. Rutu Patel
- **Date & Venue:** Saturday, 19 September 2026 | 11:00 AM onwards | Room K201
- **Format & Progression:** 8 teams (16 students) competed in a preliminary written screening test. The top 5 shortlisted teams advanced to multi-round oral and visual quiz legs.
- **Rules:** Answers required quizmaster callout. Discussion between teams and electronic device usage were strictly prohibited.

Position	Team Members	Prize Award
1st Position	Deep P. Maisuria & Yug A. Varachhiya	₹800 Cash Prize
2nd Position	Hiral J. Tripathi & Trusha A. Kaklotar	₹600 Cash Prize
3rd Position	Aryakumar H. Patel & Tirth Nakrani	₹400 Cash Prize



2.3 Elocution Competition

The Elocution Competition provided a platform for students to articulate their thoughts eloquently on national vision, character building, and the role of educators in societal progression.

- **Topic Focus:** Role of Teachers in Achieving the Goal of Viksit Bharat@2047
- **Date & Venue:** Friday, 18 September 2026 | 11:00 AM onwards | Room K201
- **Coordinators:** Dr. Hitesh Desai & Prof. Rutu Patel
- **Rules:** 3 to 5 minutes per speaker (warning bell at 4 mins). Language: English or Gujarati. Notes, cue cards, and digital screens banned. Formal dress mandatory.

Sr. No.	Winner Name	Prize Award
1	Rishi Dhola	₹800 Cash Prize



2.4 Essay Competition

The Essay Competition brought together approximately 52 students to reflect on chemistry's role in addressing modern global and environmental challenges.

- **Date & Venue:** Friday, 18 September 2026 | 09:30 AM onwards | Room K201
- **Coordinators:** Dr. Hitesh Desai & Prof. Rutu Patel
- **Educational Themes:** Microplastics pollution and human health; Principles of Green Chemistry and sustainable chemical processes.
- **Rules:** Topics given on the spot. 30 minutes duration; maximum 700 words. Writing permitted in English or Gujarati. Electronic devices strictly prohibited.

Position	Winner Name	Recognition
1st Position	Kundan Tarsariya	₹800 Cash Prize

2nd Position	Deep Maisuriya	₹600 Cash Prize
3rd Position	Tejas Pingalkar	₹400 Cash Prize
4th Position	Disha Ramawat	



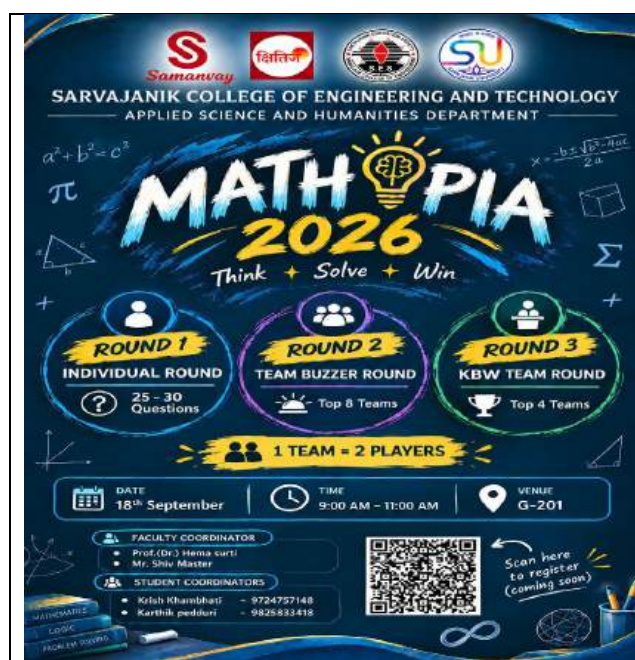
2.5 Mathopia 2026 (Mathematics Championship)

Organized by the Mathematics Section, Mathopia 2026 tested logical deduction, higher mathematical intuition, and tactical decision-making under intense time pressure.

- **Dates & Venue:** 18 & 19 September 2026 | Rooms G-201, G-202, G-203, G-204
- **Coordinators:** Dr. Hema Surati & Prof. Shiv Master (Faculty); Krish Khambati & Karthik Pedduri (Student)

- **Round 1 (Math Quiz):** Written screening test with 89 participants; top 20 participants (10 teams) advanced.
- **Round 2 (Buzzer Round):** Projected questions with 10-15s response time (+3 correct, -2 wrong); top 5 teams advanced.
- **Round 3 (KBW Finale):** Complex problem solving (3 mins/question) with 3 lifelines ('50-50', '30s Freeze', 'Take a Hint').

Rank	Winner Names	Prize Award
1st Position	Meer Gandhiya & Yug Mayani	₹800 Cash Prize
2nd Position	Lucky Shah & Dharendra Muleva	₹600 Cash Prize
3rd Position	Yashvi Gothadiya & Fenil Saspara	₹400 Cash Prize



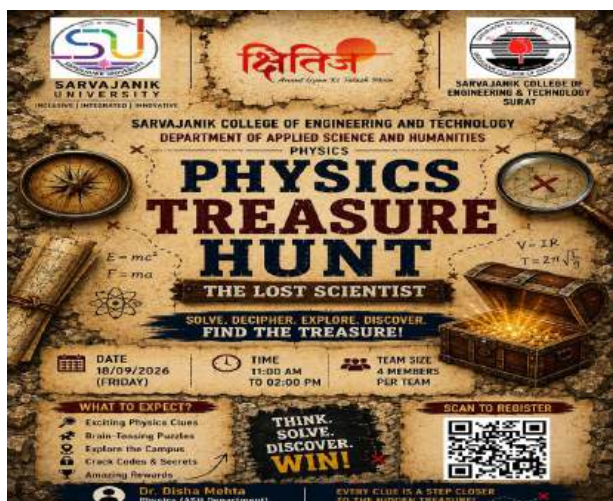


2.6 Physics Treasure Hunt – The Lost Scientist

Organized by the Physics Section of ASHD. An interactive outdoor/indoor STEM discovery event where students applied physical principles to solve clues scattered across campus labs to locate 'The Lost Scientist'.

- **Date & Venue:** Friday, 18 September 2026 | 11:00 AM – 2:00 PM | Physics Lab & Campus
- **Faculty Coordinator:** Dr. Disha Mehta
- **Concepts Tested:** Diode/transistor identification, logic gate binary conversion, thermal expansion, optics focal length, and physical lab equipment recognition.
- **Champions:** Team B completed all clue legs in the shortest time.

Winning Team	Team Members	Prize Awarded
Team B (Champions)	Jaydeep G. Panchariya (AIDS Div-C) Meet K. Beladiya (IC Div-D) Ronak S. Patel (IC Div-D) Avi N. Patel (IC Div-D)	₹800 Cash Prize + Certificates of Merit



2.7 Pitch-er Perfect (Sales & Entrepreneurship Challenge)

Organized by H&M under 'PITCH. SELL. PROFIT. WIN!.', this fast-paced sales challenge evaluated negotiation, live pricing strategies, and team pitching under high time pressure.

- **Date & Venue:** Saturday, 19 September 2026 | 9:30 AM – 1:00 PM | SCET Campus
- **Coordinators:** Prof. Simran Azad Ahuja & Prof. Meet Trivedi (Faculty); Diya Gaji, Jahanvee Acharya, Pari Jain (Student)
- **Rules & Format:** Teams of 4 had 2 hours to sell assigned items. Mandatory participation by all 4 members. Exceeding set maximum price caps resulted in instant disqualification. Winner determined by net verified profit.

Position	Winner Names	Branch & Year	Prize Awarded
1st Position	Naishal Dave, Kayaan Vaidya, Meetkumar Soni, Akshat Naik	Mechanical & Civil (1st Year)	₹800 Cash Prize + Certificates
2nd Position	Ishan Patel, Arva Patel, Harin Rajput, Rushika Parekh	Information Tech. (1st Year)	₹500 Cash Prize + Certificates
3rd Position	Vihaan Purohit, Jash Gandhi, Franny Rana, Jaimin Prajapati, Janvi Rajwani, Mishti Soni,	Computer & IT (1st Year)	₹400 Cash Prize + Certificates

Sonakshi Pawar,
Midhatbanu Bhorania



2.8 The Physics Hot-Seat (Competitive Physics Quiz)

Organized by the Physics Section of ASHD. A high-stakes physics quiz testing rapid calculation, fundamental concepts, and composure under pressure inspired by TV game show formats.

- **Date & Venue:** Friday, 18 September 2026 | 12:00 PM – 2:00 PM | Drawing Hall-2
- **Coordinators:** Dr. Prathmesh Vyas (Faculty); Pavitra Savalia, Bhavya Gori, Dhyani Shah, Aviral Goel, Arham Nahata (Student)
- **Round 1 (Pitch Your Physics):** 20-minute written screening (20 MCQs) with 72 participants.
- **Round 2 (Hot-Seat Finale):** Top 16 qualifiers (8 teams) competed on a 20-question fastest-finger-first buzzer system (+4 correct, -1 wrong penalty).

Position	Team Members	Score	Prize Awarded
1st Winner	Jay Patel (IT Div-A) & Devasya Patel (IT Div-A)	27 Marks	₹800 Cash Prize
2nd Winner	Deep Maisuria (CO Div-H) & Tejas Pingalkar (CO Div-H)	11 Marks	₹600 Cash Prize
3rd Winner	Hiral Tripathi (CO Div-G) & Disha Ramawat (CO Div-G)	08 Marks	₹400 Cash Prize



3. Key Departmental Outcomes & Impact

The 'Samanvay' initiative under Tech-Fest Kshitij-2026 achieved significant success across key pedagogical dimensions:

- **Applied Conceptual Learning:** Transformed abstract scientific and mathematical principles into practical problem solving and campus-wide exploration.
- **Soft Skills Development:** Fostered high-impact public speaking, graphic advertisement design, and persuasive sales negotiations.
- **Interdisciplinary Collaboration:** Promoted active collaboration between first-year engineering students and senior batches across 7 B.Tech departments.
- **Analytical Decision Making:** Encouraged risk calculation and strategic thinking during time-constrained buzzer rounds and game lifelines.

4. Departmental Conclusion & Sign-off

The Applied Science and Humanities Department extends its gratitude to the institute leadership, faculty coordinators, student volunteers, and all participants for making SAMANVAY-2026 a grand success.

Report Compiled By:
Dr.Hitesh Desai and Dr. Mahesh Trivedi
Event Coordinators

Approved By:
Dr. Jigisha Pandya
Head of Department (ASH)
SCET, Surat