



TIMELAPSE

NPS RNR • 2024

22-8-24 & 23-8-24
9:00 AM — 2:30 PM

ELEKTRA

ARE YOU PASSIONATE ABOUT
ELECTRONICS?

ARE YOU LOOKING FOR A PLATFORM
TO SHOWCASE YOUR SKILLS?

DELVE INTO THE WORLD OF
ELECTRONICS AND INNOVATION IN
ELEKTRA!

TECHNIC

WELCOME TO TECHNIC, A VIVID
CELEBRATION OF COMPUTER
SCIENCE!

TECHNIC WHIRLS PARTICIPANTS
THROUGH A ROLLERCOASTER OF
GREAT CHALLENGES AND EVEN
GREATER VICTORIES, MAKING
PARTICIPANTS REDISCOVER THEIR
PASSION FOR COMPUTERS.

ARE YOU READY TO TAKE UP THE
CHALLENGE?

ELEKTARA

DETAILS:-

GRADES:- 9-12

MEMBERS PER TEAM:- 4

TEAM(S) PER SCHOOL:- 2

**ELEKTARA CONSISTS
OF 3 ROUNDS:-**

- 1) ELEKTROGENESIS**
- 2) CIRCUITKRAFT**
- 3) FINALIS PRAXI**

ROUND 1 ELEKTROGENESIS

22/8/24

10:00 AM - 12:00 PM

ELEKTROGENESIS IS THE FIRST ROUND OF ELEKTRA DESIGNED TO TEST STUDENTS' CREATIVITY AND ABILITIES IN PROBLEM SOLVING AS THEY PLAN, SKETCH AND DISCUSS SOLUTIONS TO REAL WORLD PROBLEMS WITHIN THE REALM OF ELECTRONICS.

ROUND 2

CIRCUITKRAFT

22/8/24

1:00 PM - 2:30 PM

**DELVE INTO THE WORLD
OF 3D ARTISTRY BY
CREATING A STUNNING
AND INTRICATE 3D
RENDER. BRING YOUR
VISION TO LIFE WITH
UNPARALLELED
PRECISION AND
CREATIVITY**

ROUND 3 FINALIS PRAXI

23/8/24

9:00 AM - 1:00 PM

**THE FINAL ROUND
PROGRESSES WITH
TEAMS SHOWCASING
THEIR INNOVATIVE
SOLUTIONS TO A PANEL
OF JUDGES, WHO WILL
GAUGE THE EFFICACY OF
THE SOLUTION VIA
THOROUGH TESTING AND
VIVA.**

TECHNIC

EVENTS:

- ◆ IDEATHON
- ◆ SYNTAXIA
- ◆ SOFTWHERE?
- ◆ SCRATCH WARS

IDEATHON

22/8/24 — 10:00 AM — 2:30 PM

23/8/24 — 9:00 AM — 1:00 PM

GRADES: 9-12

MEMBERS PER TEAM: 3

TEAM(S) PER SCHOOL: 2

**SOLVE PROBLEMS OF OUR ERA
AND REALISE YOUR
ENTREPRENEURIAL DREAMS IN
IDEATHON!**

**PARTICIPANTS PITCH THEIR IDEAS
AND SOLUTIONS TO EXPERT
JUDGES, SHOWCASING SKILLS IN
TECHNICAL DESIGN, MARKET
ANALYSIS, CREATIVITY, AND
PERSUASIVE COMMUNICATION. THE
EVENT EMPHASISES INNOVATION
AND COLLABORATION, WITH A
FOCUS ON QUICKLY DEVELOPING
EFFECTIVE SOLUTIONS TO
REAL-WORLD PROBLEMS.**

**NOTE: STUDENTS ARE REQUIRED TO BRING
THEIR LAPTOPS AND EXTENSION CORDS**

SYNTAXIA

23/8/24 — 9:00 AM — 1:00 PM

GRADES: 9-12

MEMBERS PER TEAM: 3

TEAM(S) PER SCHOOL: 1

**A FAST PACED PROGRAMMING
COMPETITION THAT THROWS YOU
INTO A RACE AGAINST TIME.**

**PARTICIPANTS WILL BE FACED
WITH A PLETHORA OF OBSTACLES
WHILE SOLVING INTRIGUING
PROBLEMS TO PROVE THEIR
MERIT IN A CHALLENGING
ENVIRONMENT. WITH AMUSING
TWISTS AT EVERY TURN, THE
TICKING CLOCK WILL BE THE
LEAST OF THEIR WORRIES.**

**NOTE: PARTICIPANTS MAY USE ANY ONE OF
THE FOLLOWING: JAVA, C++, C OR PYTHON**

SOFTWHERE?

TIMINGS:- 23/8/24

9:00 AM — 1:00 PM

GRADES:- 9-12

MEMBERS PER TEAM:- 4

TEAM(S) PER SCHOOL:- 1

**PARTICIPANTS MUST USE
THEIR INTELLECTUAL
CAPABILITIES TO SOLVE A
VARIETY OF CLUES ON
THEIR QUEST TO
COMPLETE THEIR HUNT
BEFORE TIME RUNS OUT**

**NOTE:- ONE GRADE 12 COMPUTER
SCIENCE STUDENT PER TEAM IS
COMPULSORY**

SCRATCH WARS

22/8/24 — 10:00 AM—2:30 PM

GRADES:- 6-8

MEMBERS PER TEAM:- 2

TEAM(S) PER SCHOOL:- 2

**SCRATCH WARS IS AN EVENT
DESIGNED TO TEST CREATIVITY,
LOGICAL THINKING AND CODING
FUNDAMENTALS IN A
FAST-PACED ANIMATION BATTLE
BASED ON INTRIGUING PROMPTS**

**REQUIREMENT:- KNOWLEDGE OF
SCRATCH PROGRAMMING**

TIMELINE

DAY 1

| EVENTS | | TIME |
|------------------|--------------|---------------------|
| OPENING CEREMONY | | 9:00 AM - 9:45 AM |
| ELEKTRA | ROUND 1 | 10:00 AM - 12:00 PM |
| | ROUND 2 | 1:00 PM - 2:30 PM |
| TECHNIC | IDEATHON | 10:00 AM - 2:30PM |
| | SCRATCH WARS | 10:00 AM - 2:30 PM |

DAY 2

| EVENTS | | TIME |
|-----------------|-----------|-------------------|
| ELEKTRA | ROUND 3 | 9:00 AM - 1:00 PM |
| TECHNIC | IDEATHON | 9:00 AM - 1:00 PM |
| | SYNTAXIA | 9:00 AM - 1:00 PM |
| | SOFTWHERE | 9:00 AM - 1:00 PM |
| AWARDS CEREMONY | | 1:30 PM - 2:30 PM |

LAST DATE FOR REGISTRATION: 16-8-24