



KAMMAVARI SANGHAM (R)-1952

# K. S. INSTITUTE OF TECHNOLOGY

(An Autonomous Institute approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka.  
Accredited by NAAC A+ & NBA [CS & EC] QS I-GAUGE (GOLD))

No.14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109



**KSIT**  
K S INSTITUTE OF TECHNOLOGY



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
PRESENTS

# EC SP RK

2026

Think

Create

Pitch

Bringing together creativity and innovation around the theme of **Environmental Conservation**



Saturday  
11 April, 2026




Starts From  
09:00 am



K. S. Institute of Technology  
Raghuvanahalli, Kanakapura  
Road, Bengaluru - 560109

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# OVERVIEW

EcoSpark 2026 is a dynamic and purpose-driven innovation event organized by the Department of Electronics and Communication Engineering at K.S. Institute of Technology, centered around the theme of Environmental Conservation. Designed to inspire creativity, critical thinking, and sustainable innovation, the event brings together students to ideate, create, and pitch impactful solutions to real-world environmental challenges. With engaging segments like a high-energy Ideathon, a creative awareness Reel Challenge, and the entrepreneurial Eco-Shark Tank, participants get a platform to transform ideas into actionable solutions. EcoSpark 2026 aims to foster a generation of environmentally conscious innovators by blending technology, creativity, and sustainability into a collaborative and competitive experience. Participation is open to students from within the institution and other colleges.

## EVENTS

### 5 HRS IDEATHON

1



Innovate sustainable solutions to real-world environmental challenges in an intense 5-hour brainstorming session.

### REEL FOR A CAUSE

2



Create impactful reels that spread awareness and inspire action for environmental conservation.

### ECO-SHARK TANK

3



Pitch your eco-friendly startup idea to a panel of judges and turn your vision into a sustainable venture.

REGISTER FOR  
ANY EVENT AT JUST

₹99<sup>\*</sup>  
\* PER PARTICIPANT

SCAN QR CODE  
FOR MORE DETAILS & TO REGISTER



PRIZE POOL

₹20K

WINNERS GET CASH PRIZE,  
MEMENTO AND CERTIFICATE

# 1 5 hrs IDEATHON

## ABOUT

An intensive ideation challenge focused on solving real-world environmental problems through innovative and sustainable solutions. Participants will brainstorm, design, and develop impactful ideas that address pressing ecological issues. Participants gain knowledge in transforming theoretical ideas into actionable solutions for real-world problems.

## KEY DETAILS:

- **Duration:** 5 Hours
  - **Mode:** Offline (On-campus at KSIT)
  - **Theme:** Environmental Conservation
  - **Team Size:** 2-4 Members
  - **Registration Fee:** 99/- per person
- ## DOMAINS:
- Waste management
  - Sustainable energy
  - Agricultural & sustainable farming
  - Pollution monitoring
  - Wildlife conservation

## GUIDELINES:

- Team of 2-4 members (cross-branch allowed)
- Open to UG students (all branches)
- Problem statement will be given on the spot
- Solutions must focus on environmental conservation
- Use of simulations, PPTs, or prototypes is allowed
- Plagiarism or copied ideas will lead to disqualification

## COMPETITION FLOW:

### ROUND 1 (Idea Design):

- **Duration:** ~2.5 hrs
- **Output:** PPT

### FOCUS:

- Problem understanding
- Solution idea
- Feasibility
- Environmental impact

### ROUND 2 (Proof of Concept):

- **Duration:** ~2.5 hrs
- **Output:** Demo/Design /Simulation

### FOCUS:

- System architecture (block diagrams)
- Simulations (Arduino / UI / dashboard)
- Implementation plan
- Impact analysis

## JUDGEMENT CRITERIA:

### ROUND 1 (100 MARKS):

- Problem understanding
- Innovation
- Feasibility
- Environmental impact
- Clarity

### ROUND 2 (100 MARKS):

- Practical feasibility
- System design
- Innovation
- Environmental impact
- Implementation roadmap

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# 2 REEL FOR A CAUSE

## ABOUT

A creative awareness challenge where participants produce short reels highlighting important environmental issues. It encourages storytelling, creativity, and digital expression to inspire action towards sustainability. Participants will transform ideas into engaging visual content that spreads awareness and drives positive environmental impact.

## KEY DETAILS:

- **Duration:** 2 Hours (on-the-spot creation)
- **Theme:** Environmental Conservation
- **Mode:** Team participation
- **Video Format:** Vertical (9:16)
- **Language:** Any language
- **Focus:** Creativity, storytelling & impact
- **Team Size:** 2-4 Members
- **Registration Fee:** 99/- per person

## GUIDELINES:

- Team of 2-4 members (cross-branch allowed)
- Open to UG students (all branches)
- Topic will be given on the spot
- Reel can be shot in and around the campus
- Reel must involve live acting/real footage by participants
- Reel duration- minimum 60 secs and maximum 90 secs.
- Graphics may be used, but must support, not replace live acting and real footage
- Participants must bring their own videography & editing resources
- Final reel must be uploaded to provided Google Drive link within the given time duration
- Original content only – plagiarism will lead to disqualification
- Avoid offensive, political, or copyrighted content

## JUDGEMENT CRITERIA:

- Creativity & Originality
- Content message clarity
- Relevance to given topic and theme
- Engagement & Impact
- Storytelling effectiveness
- Visual & editing quality
- Overall presentation

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3

# ECO-SHARK TANK



## ABOUT

A dynamic startup pitch competition that empowers participants to present innovative eco-friendly business ideas. It focuses on transforming sustainable concepts into viable ventures that address real-world environmental challenges. Participants will think like entrepreneurs, combining creativity, technology, and sustainability to build impactful solutions.

## KEY DETAILS:

- **Type:** Startup Pitch Competition
- **Theme:** Environmental Conservation & Sustainability
- **Mode:** Live pitching to judges
- **Team Size:** 2-4 Members
- **Registration Fee:** 99/- per person

## GUIDELINES:

- Team of 2-4 members
- **Pitch duration:** ~5 minutes + Q&A
- Idea must be based on sustainability & environmental impact
- PPT (max 5 slides) or prototype/mockup is optional
- Clear explanation of problem, solution & business model required
- Original ideas only (no plagiarism)

## FOCUS AREAS:

- Problem & Solution
- Target Users
- Business Model
- Revenue Potential
- Environmental Impact

## JUDGEMENT CRITERIA:

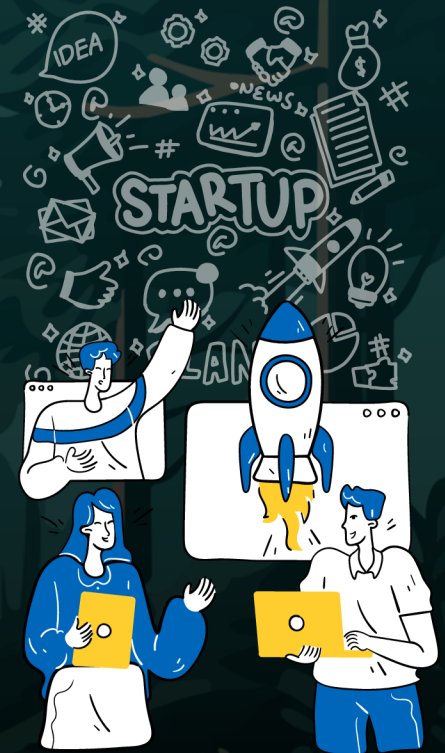
- Innovation & Uniqueness
- Business Viability
- Environmental Impact
- Feasibility & Scalability
- Market Potential & User Need
- Clarity of Business Model
- Technical Soundness (if applicable)
- Pitch Clarity & Confidence
- Presentation & Visual Communication
- Q&A Handling & Problem-Solving Ability

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# ECOSPARK

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WE PLEDGE TO PLANT

1 SAPLING

FOR EACH REGISTRATION

# ECOSPARK

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# ₹99\*

\* P E R P A R T I C I P A N T

## REGISTER NOW



### IMPORTANT NOTE:

Registration closes on 8<sup>th</sup> April 2026 at 11:59 pm.  
Participants can register for any one of the three events.  
Participation is open to students from KSIT and other colleges.