



INSTITUTE OF TECHNOLOGY BAUN, UTTARKASHI

A Campus Institute of
Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun



Spark 1.0

Science Project Competition

For School Students

JUDGING CRITERIA

All science projects will be evaluated based on the following criteria. The total possible score is 100 points. Judges will assess each project thoroughly and provide constructive feedback to participants.

S. No	Criteria	Points	Description
1.	Scientific Thought & Problem Identification	20	Clear identification of scientific problem, relevance to real-world issues, originality of approach, and demonstration of critical thinking.
2.	Research & Methodology	20	Quality of background research, appropriateness of scientific method, proper experimental design, control of variables, and systematic approach.
3.	Innovation & Creativity	15	Uniqueness of idea, creative problem-solving, innovative use of materials or technology, and original contribution to the field.

4.	Data Collection & Analysis	15	Accuracy and reliability of data acquisition from sensors or other sources, appropriateness of data preprocessing and cleaning, use of suitable analytical or AI techniques, evaluation using relevant performance metrics, and clarity of conclusions drawn from the data.
5.	Project Display & Presentation	15	Visual appeal and organization of display board, clarity of presentation, effective use of charts/graphs/models, and professional appearance.
6.	Communication Skills	10	Ability to explain project clearly, answer questions confidently, demonstrate understanding of concepts, and engage with judges effectively.
7.	Practical Application & Impact	5	Potential real-world applications, societal or environmental impact, feasibility of implementation, and relevance to current challenges.
	TOTAL SCORE	100	

Thank you for your participation in fostering scientific excellence among our students!