



कृषि एवं खाद्य अभियंत्रिकी विभाग  
AGRICULTURAL  
AND  
FOOD ENGINEERING DEPARTMENT

SOUVENIR



**प्रस्थिति 2022**  
*agri and food innovation fest*



# ABOUT PRAKRITI

An Agri and Food Innovation Fest by the students of the Department of Agricultural and Food Engineering, Indian Institute of Technology, Kharagpur, targets the amalgamation of academia and industry associated with the agricultural and food sector. Prakriti aims to provide a conduit for budding innovators and scholars from institutes across the country to interact with each other and the industry, citing a more practical aspect to technical education acquired on the academic front and at the same time, aiding enterprises to exploit the technological achievements for their own benefit.

Prakriti : as the name and theme of the fest suggests, brings you closer to nature and aims to open new realms of knowledge in the field of agriculture. This Agri and Food Innovation Fest is one of its kind, being held on the landmarks of IIT Kharagpur, where the oldest and one of the most reputed IIT stands today. With its inception in previous years, Prakriti has pioneered the cause of organizing an Agri and Food Innovation Fest at a national level. The previous 6 editions of Prakriti saw a huge participation from both the academic and the industrial front. Association with renowned companies like ITC, NABARD, Swaraj Tractors, HUL, Tea Board Of India, PEPSICO India, Coca Cola, Tetra Pak, John Deere, New Holland, Siemens, AFCL etc. contributed significantly in catalyzing its success and helped it achieve greater heights. This year, we hope to make the fest bigger and better by extending our heartiest welcome to many more Agri-based institutions and enterprises, and coalesce it with the concept of sustainability.



# GUEST LECTURES

## AGRIPRENEURSHIP SUMMIT:

Promotion of agricultural - entrepreneurship has always been a leitmotif of Prakriti right from its inception. While the main emphasis of the summit has always been on how agripreneurs who have the potential of combining entrepreneurial skill and modernization in field of agriculture can play the role of catalysts in transforming the traditional farmer into a modern agripreneur, time has been devoted for developing agripreneurs with distinct traits and skills to exploit opportunities prolific in the field of agriculture . The guests talk about the finer intricacies of their work and inspire the students to take the unconventional path and do something out of the box. Panel discussions like agripreneurship summit in Prakriti have made a brand for themselves and remain the topic of incessant discussion and a discussion and anticipation all-round the year.





# COMPETITIONS

## MANTHAN:

Manthan is a case study competition aimed to challenge the strategic and analytical thinking skills of participants. The participants are presented with a specific problem in the agricultural or food sector along with some specific resource constraints. They are required to come up with the most feasible solution to the problem considering the constraints provided by us.







# COMPETITIONS

## DATA ANALYTICS:

In agriculture sector where farmers and agribusinesses have to make innumerable decisions every day and intricate complexities involves the various factors influencing them. An essential issue for agricultural planning intention is the accurate yield estimation for the numerous crops involved in the planning. In making these decisions past information is very important. Data analysis is based upon analyzing past information to predict future conditions and plan accordingly. The event is organized with an aim of showing students the thought process behind a decision.





# COMPETITIONS

## AGRIVATION

Agrivation is an Agri-Innovation competition that encourages business minded people to build viable food and agriculture-based enterprises which may have the potential to upgrade the existing agriculture scenarios, create employment and improve the incomes of people engaged directly and indirectly in agro-based activities. Agrivation lets participants enter in the shoes of the customer and think of products, services and ideas that can build new enterprises or develop existing enterprises in a unique way.





# COMPETITIONS

## Food Quest:

The ever-changing work culture has affected the lifestyle of Indians. Sometimes, the breakfast and lunch meals get missed due to workload and lead to eating outside where major consumption is of fast food. To promote healthy eating, team-PRAKRITI has come up with the Food Quest event in which participants are given a particular nutrition requirement, and they have to come up with a packaged food idea to meet those requirements. The final food should be tasty, healthy, and appealing to the consumers.





## COMPETITIONS

### POSTER PRESENTATION :

A picture is worth a thousand words, but a well designed poster is worth a million. Posters are an expression of thoughts and technical expertise. In this event, participants are challenged to pictorially portray a trending topic in modern agriculture. The poster must be visually pleasing and should clearly explain the significance of the given topic.







# COMPETITIONS

## QUIZELLA :

It is said “Knowledge is Power” which proves itself time and again. To test the knowledge of the students in general awareness of the world around us and technical questions from the field of agriculture, we bring to you the Agro-Tech quiz named, named “Quizella”. It would provide a platform to the best minds of India in the field of Agricultural and Food Engineering to test their excellence amongst others and find out their stand. Having a vast range of questions from direct ones to video, this event will surely keep all your participants in full charge of your senses.

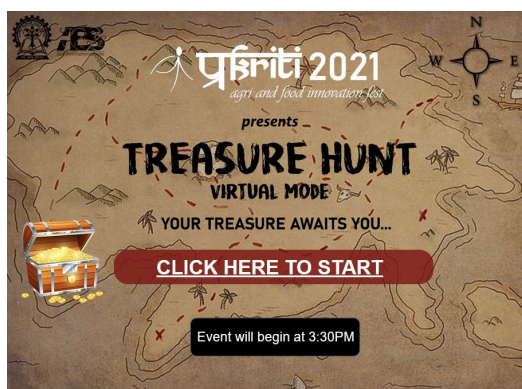




## WORTHWHILE EVENTS

### TREASURE HUNT:

The “New-Normal” has made us prone to frustration and boredom. Being locked in a room in front of computers for several hours squeezes the life out of most of us. To remove the boredom and provide some fun, PRAKRITI-2022 is coming up with an online-treasure hunt event. In this event, participants are taken through a digital treasure-hunt journey through lush-green forests with a lot of hidden dangers. The individuals who gather the highest amount of treasure at the end of an hour becomes the winner.

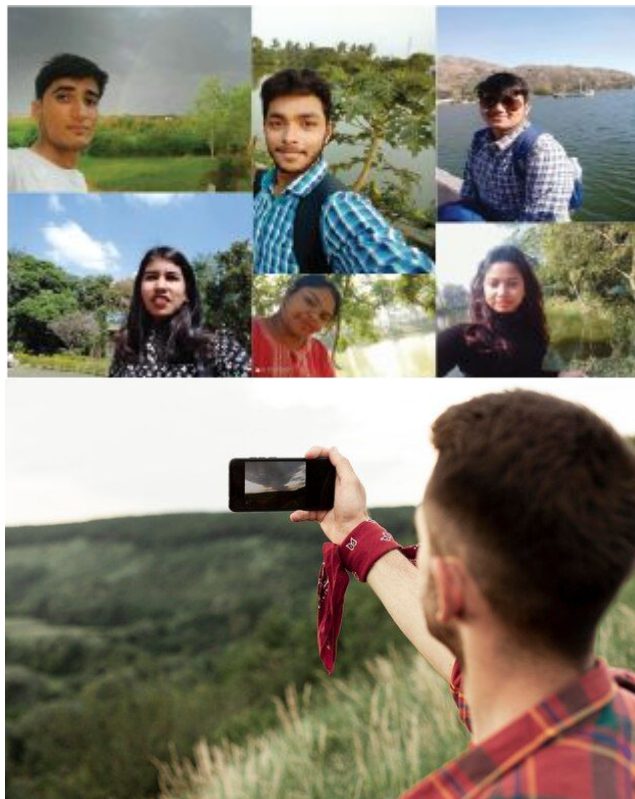




## WORTHWHILE EVENTS

### SELFIE WITH NATURE:

There are no such special moments where selfies aren't clicked. "Selfie with Nature" - another fun event of Prakriti lets participants showcase such moments through their selfie with nature where they become one with nature.





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## QUIZ PARTNER





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**SPECIAL THANKS TO MR. VINOD GUPTA,  
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# RESOURCES

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