EVENT: TechTOY
(All Branches Allowed)

Hope you all are Safe. Amidst your boring routines in lockdown and never-ending wait to get back to your normal life, we bring you with something exciting to charge your nerves.

In your childhood days, what was the thing that brought the sparkle in your eyes? You guessed it Right. TOYs!
TOYs were with you every time, you might have even fought for them so can anything be better than to manufacture those TOYs by yourself? Not at all.

The global toy market was worth $90.4 billion in 2018, interesting right? This "brand new Event" in Avishkar brings the same for you to go back in your childhood days and recreate those masterpieces in your style. It's the time to dust your boredom away and dive into the journey with your very first mates, The Toys. So why to wait, go on, make your teams and register on our website avishkar.mnnit.ac.in

The event description is as follows:-

THEMES/CATEGORIES

A. MANUFACTURING Focused TOYs
The value of the Indian Toy industry is 8000 crores. Various conventional processes are involved in toy Manufacturing. Also, Relatively New process like 3D printing etc are being used rapidly. Your task is to find out their detailed manufacturing process and suggest modifications and improvements using your technological expertise.

B. VOCAL FOR LOCAL
This theme is included to give Platform to the technique and ideas used locally in your areas. Your task is to research the detailed process involved in their making and suggest modifications and improvement using your engineering brains. You are also expected to suggest ways for mass production.

C. ECO-FRIENDLY TOYS
Majority of the toys are made using Plastics. Your task is to suggest alternative materials like Biodegradable materials, Recycling Plastic, Soil etc and describe detailed manufacturing processes involved. You are also expected to explain their health benefits.

D. ELECTRONIC TOYs
Go down your memory lane and think about racing cars.No, you don't have to make a racing car. Cost of a Simple toy car:100 Rs, whereas the Cost of Electronic Toy Car:500 Rs. You are expected to use electronic components and add economic value to the existing/new toys.

E. TOY MANUFACTURING USING WASTE MATERIALS (only for School students)
In this category, you have to make toys using scrap/waste material.

ROUND DETAILS:

There will be 4 rounds

1. Quiz
2. Abstract submission
3. Presentation
4. Viva(80%) + 3D Model(20%)

GENERAL RULES

1. Teams may comprise of 1,2 or 3 participants.
2. Teams are required to select the category they want to participate in. Participation in more than one category is also allowed.
3. All the categories will be evaluated equally.
4. Top 3 teams(ideas), among all the categories will be declared Winners.
5. Best team in a particular category will also be declared.

WhatsApp group link (School)
https://chat.whatsapp.com/FCuTyPRWkyX1AHpwkYxare

WhatsApp group link (College)
https://chat.whatsapp.com/DN3pHNix67r1Vzz2YxESGM

COORDINATOR DETAILS

1. Akshat Agrawal
Contact: 7376942917

2. Ajay Patidar
Contact: 96174 46459

3. Chandrama Patel
Contact: 79852 04412

4. Ankit Tripathi
Contact: 8318613153

You may contact us for more queries.
Good Luck!