

MIC ACTIVITY REPORT “TOYCATHON - 2021”



Toycathon-2021 is organized by the Innovation Cell, Ministry of Education with support of AICTE, Ministry of Education, Ministry of Women and Child Development, Ministry of Textiles, Ministry of MSME, Ministry of Commerce and Industry, Ministry of Information and Broadcasting.

The inter-ministerial Toycathon focuses on conceptualizing new and innovative toys using local materials which are economical, affordable, safe, environment friendly, with exceptional high quality for both Indian and global markets.



This is a novel opportunity for our students to propose toys and games that will greatly help India develop into a global hub for toys and games and assist our children to understand the ethos and values of Indian culture as envisaged in the National Education Policy 2020.





The Toycathon 2021 began with inviting problem statements and finalising top problem statements, identifying Nodal Centres, identifying evaluators, experts and dignitaries, months before the grand finale. Then the participation was invited from students and professionals

- **Track 1** for Junior Level Participants i.e., primarily SCHOOL STUDENTS. They mainly focused on designing toys for kids of age group 0-3 years and 4-10 years.
- **Track 2** for Senior Level Participants i.e., students and faculty from Higher education institutions. This group focused on developing concepts for 0-3 years, 4-10 and 11 years and above. This segment primarily focused on Electronics, Sensors, Mechatronics, and toys based on AI and ML approaches, AR-VR-XR and Robotics.
- **Track 3** for Startup-Professional Level that includes overall innovation and development of prototypes. These prototypes are expected to enable toy industry in boosting up the production along with improving the quality of toys in Indian market.

To take Toycathon 2021 to the grassroots, an online live talks series is arranged on the youtube channel of Innovation Cell,

<https://www.youtube.com/mhrdinnovationcell>

Session Details	Date		No. of attendees
Dr. Abhay Jere, CIO, MoE will be addressing students, faculties, and institutes.	12th January 2021 at 11 AM.		<u>65</u>
Prof. Dr. Srikant Bahulkar is a leading investigator in Vedas, Upnishadas, Puranas in BORI, Pune. He will be addressing students, faculties, and institutes on to tell us about rich history of India when it comes to toys and games, right from the Vedic period.	13th January 2021 at 11 AM		<u>45</u>

<p>Prof. Anil Sahasrabudhe, Chairman, AICTE will be addressing students, faculties, and institutes about Toycathon 2021.</p>	<p>14th January 2021 at 1 PM</p>		<p><u>60</u></p>
<p>Prof. Sudarshan Khanna and Prof. Surabhi Khanna will be addressing students, faculties, and institutes about great ideas of Toys and Games for Toycathon 2021.</p>	<p>18th January 2021 at 3 PM</p>		<p><u>44</u></p>
<p>Prof. Manish Jain will be addressing students, faculties and institutes about great ideas of Toys and Games for Toycathon 2021.</p>	<p>19th January 2021 at 11 AM</p>		<p><u>42</u></p>
<p>Dr. Mohit Gambhir will be addressing students, faculties and institutes about procedures and FAQs</p>	<p>20th January 2021 at 11 AM</p>		<p><u>35</u></p>

Outcome:

Toycathon will not only connect young minds to national institutions, this premier Hackathon for innovation in toy industry will also instill the spirit of inquiry, critical thinking, and life skill learning. Toycathon help to create a competitive mindset amongst the participants.

From our Institute 2 teams participate in this Toycathon-2021