



SAKTHIPOLYTECHNICCOLLEGE
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SAKTHINAGAR-638315



KCT SPC Toycathon 2025: A Hands-On Approach to Learning

The Department of Basic Engineering at Sakthi Polytechnic College, in collaboration with Kumaraguru College of Technology (KCT), successfully organized SPC Toycathon 2025 on 29th January 2025 at Sakthi Auditorium. The event was designed as an experiential learning initiative, encouraging first-year diploma students to conceptualize and design innovative toys from discarded materials that illustrate fundamental science and mathematics principles.

The workshop began with a prayer, setting a positive tone for the day. Dr. R. Kannan, Lecturer in Physics, SPC, delivered the welcome address, emphasizing the importance of hands-on learning in education. This was followed by the inaugural address by Dr. K. R. Muthuswamy, Director, SPC, who highlighted the significance of creativity and innovation in technical education. In his special address, Dr. S. Senthil Arasu, Principal (i/c), SPC, motivated students to actively engage in such initiatives that blend theoretical knowledge with practical applications. Dr. K. Rathina and Dr. R. G. Sethuraman, Assistant Professors from the Department of Physics, Kumaraguru College of Technology (KCT), provided an insightful introduction to the Toycathon workshop. They elaborated on how students could apply physics and mathematical concepts in toy-making, encouraging them to think beyond textbooks and explore real-world applications. The session witnessed enthusiastic participation from students, who brainstormed, designed, and presented innovative toy models demonstrating scientific principles.

The event concluded with a vote of thanks by Dr. R. Jothimurugan, Lecturer in Physics, SPC, expressing gratitude to the resource persons, faculty members, and students for their active involvement. A rendition of the National Anthem marked the closing of the workshop, leaving participants inspired to explore creative problem-solving and hands-on learning in their academic journey. With Dr. R. Kannan and Dr. R. Jothimurugan as the event coordinators, SPC Toycathon 2025 successfully provided a platform for experiential learning, fostering innovation, creativity, and scientific curiosity among first-year students. In the Toycathon workshop, 20 groups (5 members in a group) have been participated from the first-year diploma engineering programme, and they have demonstrated their developed models in front of the panel members. Based on the presentation and correlation with science/mathematics principles, top three teams were selected and honoured with shield.





