



Rajarajeswari College of Engineering

(An Autonomous Institution, Affiliated Visvesvaraya Technological University, Belagavi ,
Approved by AICTE, UGC &GoK, Accredited by ISO 9001-2015 Certified Institution)
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Department of Robotics and Automation

Report on “ SCR activity – 2025”

1. Type Event : Social Connect and Responsibility activity
Industrial Visit
2. Name of the Industry : **Bharath Arts and Crafts, Channapatna Craft Park,
Ramnagara (Dt)**
3. Date of visit : Saturday, 14th December 2024
4. Time : 9 am to 4 pm
5. Staff Co Coordinators : Dr Satheesha V
HOD R&A and Associate Professor
Department of Robotics and Automation
Rajarajeswari College of Engineering

Dr.C.Ramesh
Dean – Infrastructure and Professor, R&A
Department of Robotics and Automation
RajaRajeswari College of Engineering

6. Students : 03rd sem, Robotics and Automation

7. Outcome of the Programme:

- During our visit to the toy store in Channapattana, students learned about the intricate handmade manufacturing process for wooden toys, including the various types of wood used and the techniques for crafting them.
- The store had a wide variety of toys, and each one was unique and appealing, making it difficult not to want to purchase everything on display.
- Conversations with the staff at the store provided valuable insights into the different kinds of wood used in toy making, such as neem, aleemara, rosewood, and others, along with the specific manufacturing processes for each.
- The store also imported a rare wood from a unique tree located 50 km away from Channapattana, adding to the exclusivity of the products.
- In addition to traditional children's toys, the store offered a diverse range of products including keychains, home décor items, kitchen sets, bangles, showcase dolls, and educational toys like playing boards.
- The vibrant colors applied to the toys were made from natural sources, such as turmeric and other plant-based materials, reflecting the eco-friendly approach of the manufacturing process.
- Our visit to the Channapattana arts and handicrafts industry revealed the use of raw materials to create various product shapes, with machines providing the surface finishing. This was done by rubbing the workpiece against salt paper in a rotating belt-driven mechanism.
- Students also observed a CNC machine used for precision designs, such as a butterfly shape. The operator explained how the machine uses Corel Draw software to design, which is then transferred to a pen drive and operated via a remote control, adjusting the axes (X, Y, Z) for precise carving and depth.



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3rd semester students of the Department of Robotics and Automation Engineering are ready to board the bus to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)



Workers demonstrated how the handmade wooden toys are produced to the students



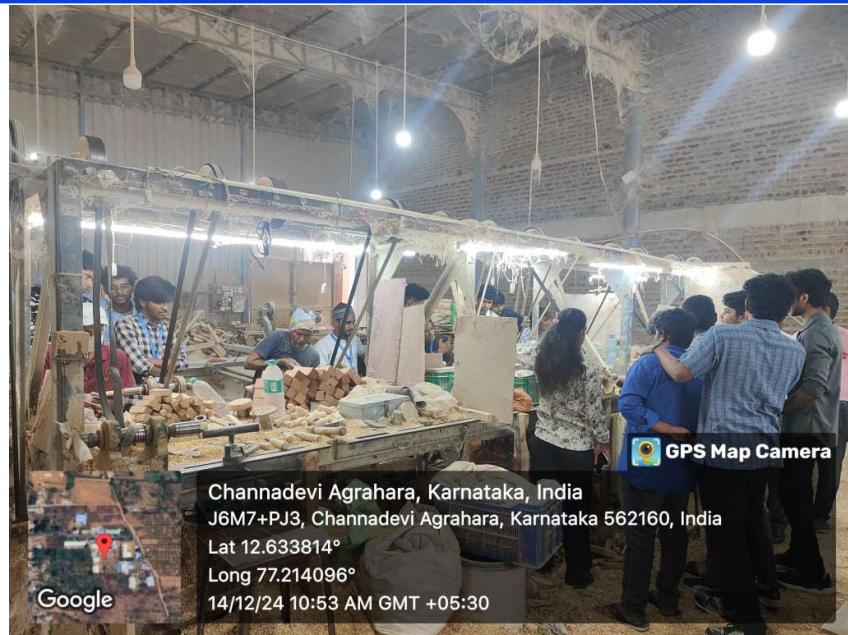
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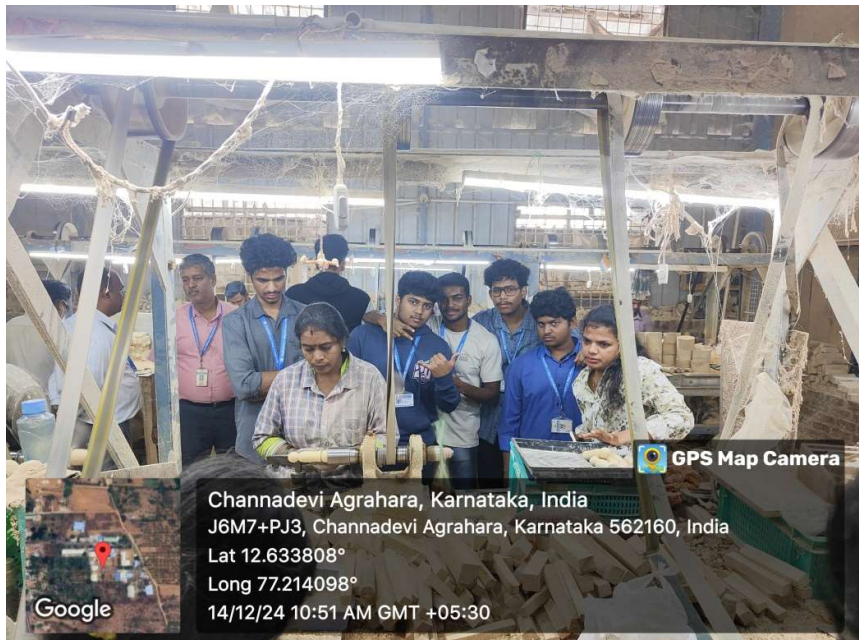
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Group photo

-Report prepared by Dr.M.Karthikeyan, Dy. CoE and Professor, R&A