



# RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

**Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST**

## Department of Electrical & Electronics Engineering

Report of visit to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) on Tuesday, 1<sup>st</sup> October, 2024 with respect to the subject SOCIAL CONNECT & RESPONSIBILITIES of 3<sup>rd</sup>-semester students of Electrical & Electronics Engineering

The following faculty members are arranged, coordinating, and accompanying the students

1. Mrs.Prutha.G. Assistant Professor-EEE
2. Mr. Shivalingaih K L, Associate Professor-EEE
3. Mrs. Swetha R, Assistant Professor-EEE

### Event Photos



**Students of the Department of Electrical & Electronics Engineering are ready to board the bus to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)**



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### Event Photos



**Students of the Department of Electrical & Electronics Engineering reached the M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)**



**Students interacted with the workers about the various processes of making handmade wooden toys**

Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Phone: +91-80-28437124 / 28437375

Email Id: hodeee@rrce.org

Website: <https://www.rrce.org>



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Students witnessed the various processes of making handmade wooden toys



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

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## Department of Electrical & Electronics Engineering

Information collected during the visit at  
M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) by  
students

- As we all know channapattana is famous for manufacturing toys that are made up of wood.
- We first visited the toys store in channapattana and learn about the various handmade manufacturing procedures for making wooden toys and purchased a few toys.
- All toys were very catchy and felt like buying everything in the store.
- When we discussed with the working staff there in the toy store, they gave the information about the various types of wood and the making procedure of wooden toys.
- All the toys were made in different kinds of woods like neem, aleemara and rosewood and many more.
- Another wood, they import it from 50 km away from channapattana which is a very unique tree.
- The toys or products manufactured were not only playing kits for children but also key chains, home décor items, kitchen set items, bangles, showcase dolls, and also education-related toys or playing boards were also there.
- The colors that they apply to the toys are natural colors from turmeric and many more.
- Then, we visited channapattana arts and handicrafts industry.
- In industry, they bring the raw materials different types of wood and start to manufacture different types of shapes for desired products.
- There the machine used to give finishing to the product or surface finishing was by using salt paper and keeping the workpiece to be smoothed in the belt driven mechanism.
- The belt keeps rotating at a speed (rpm) where the workpiece is kept to rotate, the worker starts to give surface finishing to the object by rubbing it to its surface using salt paper.
- And giving color to the object is of the same procedure, for that process they use natural colors like an ancient leaf called taalegari which gives green color.
- And finally giving it a finishing touch the process completes and the product is ready to sell.
- There we saw a CNC machine giving a design for a butterfly product.
- There we asked the operator how this works.
- The person explained that the remote showing x-axis is the axial line moving in x or horizontal direction, y in vertical direction and z-axis is for how much depth it goes inside the wood.

They use the software called Corel Draw and design the product and copy it to a pen drive and plug it to the remote and then the operation is carried out.