



# RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi,  
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)  
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Department of Computer Science & Design

## Report of Industry Visit

**Report of visit to M/s Bharath Arts and Crafts, Channapatna, Ramanagara (Dt) on Friday, 20<sup>th</sup> September 2024 with respect to the subject BSCK307 SOCIAL CONNECT & RESPONSIBILITY of 3<sup>rd</sup>-semester students of Computer Science and Design**

**Students gained information about Channapatna toys production, dyes to color the toys, eco-conscious etc.**

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

- 1. Mrs.A.Rubithra, Assistant Professor -CSD**
- 2. Dr. M.Selvi, Professor and HOD-CSD**

### Event Photos

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

Phone:+91-7619154417 / 28437375  
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**Students of the Department of Computer Science and Design are ready to board the bus to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)**  
**Event Photos**

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**Students of the Department of Computer Science and Design reached the  
M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)**

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Workers demonstrated the process of the handmade wooden toys to the students

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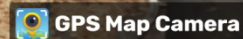
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## Students interacted with the workers about the various processes of making handmade wooden toys



## Students witnessed the various processes of making handmade wooden toys



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## Students witnessed the various handmade wooden toys



## Students witnessed the various handmade wooden toys

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

- 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.

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- 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 work piece to be smoothed in the belt driven mechanism.
- The belt keeps rotating at a speed (rpm) where the work piece 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.

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