



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 Robotics and Automation

Report of Industry Visit

Report of visit to M/s Bharath Arts and Crafts, Channapatna, Ramanagara (Dt) on Monday, 5th February 2024 with respect to the subject 21SCR36 SOCIAL CONNECT & RESPONSIBILITY of 3rd-semester students of Robotics and Automation

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. Dr. Sathesha V , Associate Professor -R&A
2. Dr. ThanujKumar M , Assistant Professor -R&A
3. Dr. Radhakrishna R K, Assistant Professor -R&A
4. Dr. M. Karthikeyan, Professor and HOD-R&A

Event Photos



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)

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

Phone:+91-80-28437124 / 28437375

Email Id: hodra@rrce.org

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



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Event Photos



Students of the Department of Robotics and Automation Engineering reached the M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)



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

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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

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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.
- 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 it's 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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Name of the event : Industrial visit.

Name of the Place : Channapatna Crafts Park, Channapatna, Ramanagara, Karnataka

Date of the Event: Monday, 5th February 2024

3rd Semester Robotics and Automation Students

SI No	USN	Name of the Students	Sign
1	1RR22RA002	AKARSH KASHYAP	Absent
2	1RR22RA003	AKSHAYE KANNA	Akshaye Kanna
3	1RR22RA004	BHUVANESHWARI	Bhuvaneshwari
4	1RR22RA005	CHARAN GOWDA	Absent
5	1RR22RA006	DHANUSH H	Dhanush H
6	1RR22RA007	GNANASHREE N V	Gnanashree N.V.
7	1RR22RA008	HEMANTH P	Hemant P
8	1RR22RA009	INDRESH A	Indresh A
9	1RR22RA010	JAFFER A	Jaffer A
10	1RR22RA011	KANISHK J	Kanishk J
11	1RR22RA012	KUMARSWAMY KP	Kumar Swamy KP
12	1RR22RA013	LIKITH K	Likith K
13	1RR22RA014	LIKITH M R	Likith M.R
14	1RR22RA016	PRAJWAL NOOLA	Prajwal Noola
15	1RR22RA017	PREM KUMAR G	Prem Kumar G
16	1RR22RA018	RANJITHA P	Ranjitha P
17	1RR22RA019	ROHITH V GOWDA	Rohith V Gowda
18	1RR22RA020	S R NISHWATH	S R Nishwath
19	1RR22RA021	SAKSHI .	Sakshi .
20	1RR22RA023	SHREYAS S RAI	Shreyas S Rai
21	1RR22RA024	SHRIHAARIKA K	Absent
22	1RR22RA025	SOUJANYA	Soujanya
23	1RR22RA026	SPOORTHI	Spoorthi
24	1RR22RA027	SUJAL B	Sujal B
25	1RR22RA028	TANZEEM	Tanzeem
26	1RR22RA029	UDAY L D	Uday L D
27	1RR22RA030	VISHAL	Vishal
28	Lateral Entry	ANUSH K M	Anush K M
29	Lateral Entry	GOWRI T R	Gowri T R
30	Lateral Entry	SHASHANK H M	Shashank H M
31	Lateral Entry	NAVYASHREE.Y S	Navyashree.Y S

Satish Kumar
Staff Incharge 05/02/2024.

M. L. H. / 5/12/24
Professor & Head
Dept. of Robotics and Automation
HOD R&A
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