



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 visit to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) on Friday, 23rd December 2022 with respect to the subject 21SCR36 SOCIAL CONNECT & RESPONSIBILITIES of 3rd-semester students of Robotics and Automation

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

1. Dr.M.Karthikeyan, HOD-R&A
2. Mrs.Prutha.G. AP-EEE
3. Mrs.Udhyami.M.B, AP-EEE
4. Dr. Ashwini.L.K, AP-Civil

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, Kumbalgotu, 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 boarded the bus to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

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Students of the Department of Robotics and Automation Engineering reached the
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Workers demonstrated the painting 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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Workers demonstrated how the handmade wooden toys are produced to the students



Workers show the finished handmade wooden toys to the students

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

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Information collected during the visit at

M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) by Ms.Bhumika (1RR21RA003)

- 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 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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Attendance



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Name of the event: Industrial Visit

Place of Visit: M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Resource Person: Mr.Suheel Parvez

M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Date of the Event:23/12/2022

Students Attendance

Sl.No	/USN	Name of the Students	Sign
1	1RR21RA/001	ASBIN DONY A	ABSENT
2	1RR21RA002	BALASARAVANA S	Balaz
3	1RR21RA003	BHUMIKA H S	Bhumika H S
4	1RR21RA004	CHARANKUMAR K R	Charan
5	1RR21RA005	DEVARAJU	Devaraju
6	1RR21RA006	HAFSA FATHIMA	Hafsa
7	1RR21RA007	HARSHA A V	Harsha A V
8	1RR21RA008	HEMANTH K	Hemant
9	1RR21RA009	JEEVIKA D K	Jeevika
10	1RR21RA010	KEERTHI M R	Keerthi
11	1RR21RA011	LOHITH M R	Lohith
12	1RR21RA012	MOHAMMED HAROON K	Mohammed
13	1RR21RA013	MOHAN L	Mohan
14	1RR21RA014	MOHAN M K	Mohan
15	1RR21RA015	NAVEEN KUMAR S N	Naveen
16	1RR21RA016	NISANKA MANSI C	Nisanka
17	1RR21RA017	NITHASHREE L	ABSENT
18	1RR21RA018	NITHYA B	Nithya
19	1RR21RA019	SAMVRUDH N	Samvrudh
20	1RR21RA020	SUHAS S VASISHTA	Suhas
21	1RR21RA021	TRISIT PAUL	Trisit
22	1RR21RA022	VIHA TRUPTHI S PANDIT	Viha
23		VITTHESH R R	Vitthesh

M. Karthikeyan
23/12/22
HOD-R&A
Professor & Head

Dept. of Robotics and Automation Engg.

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Mail correspondence to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Request for Industrial visit on Friday 23rd December 2022 from 10.30 am to 1 pm

hodra <hodra@rrce.org>

Thu 12/15/2022 8:40 PM

To: Suhel Parveez <suhel68.bac@gmail.com>

Bcc: pruthags@gmail.com <pruthags@gmail.com>

Dear Sir

Sub: Requisition for an industrial visit – Reg.

Good Morning. With reference to your mail dated 15th December 2022. We express our sincere thanks and we would like to visit your esteemed organization of M/s Bharath Arts and craft on Friday 23rd December 2022 from 10.30 am to 1 pm. Also, we will pay an amount of Rs.100/- per student and staff members

Nearly 50 Second-year B.E. students from the branch of Mechanical, Robotics and Automation, Electrical Engineering, and Civil Engineering along with 5 of our faculty members accompanying the students.

We request you to kindly consider our request and grant permission to visit your place on Friday 23rd December 2022 from 10.30 am to 1 pm. We request you to confirm the same, it will be helpful for us to plan the visit.

Expecting your reply soon

With regard

Dr.M.Karthikeyan
Professor and Head
Department of Robotics and Automation
RajaRajeswari College of Engineering
Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru – 560074
9080877714

Prof.Prutha G
Assistant Professor
Department of Electrical and Electronics Engineering
RajaRajeswari College of Engineering
Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru 560074
8660764662, 9036663802

Facebook Link:

https://m.facebook.com/story.php?story_fbid=pfbid0vHpvXvxBAXwkLL5FXRwSNR21vpvXJFNCGbR5u2WhzQ5J3vwjPALqGsMHLZvgdPgJI&id=100064835734678&sfnsn=wiwspmo&mibextid=6aamW6

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Mail correspondence to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Re: Request for Industrial visit on Friday 23rd December 2022 from 10.30 am to 1 pm

Suhel Parveez <suhel68.bac@gmail.com>

Fri 12/16/2022 4:14 AM

To: hodra <hodra@rrce.org>

Dear Sir,

We confirm the same.

Thank you

Feedback request from M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Re: Request for Industrial visit on Friday 23rd December 2022 from 10.30 am to 1 pm

Suhel Parveez <suhel68.bac@gmail.com>

Sat 12/24/2022 2:29 AM

To: hodra <hodra@rrce.org>

Cc: pruthags@gmail.com <pruthags@gmail.com>

Dear Sir,

Thank you for visiting us. Please share your valuable feedback so we can improve more.

Thank you

Feedback mail sent to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt)

Re: Request for Industrial visit on Friday 23rd December 2022 from 10.30 am to 1 pm

hodra <hodra@rrce.org>

Tue 12/27/2022 5:36 PM

To: Suhel Parveez <suhel68.bac@gmail.com>

Dear Suhel,

Greetings. We expressed our sincere appreciation for granting permission to our request. Students gain more knowledge about the processes adopted to produce the world-famous Chennapatna toys. Your workers are very cordial and briefed the students about the process of making the toys.

It's very a wonderful visit.

On behalf of all we expressed our thanks to you and your workers

with regards

Dr.M.Karthikeyan
Professor and Head
Department of Robotics and Automation
RajaRajeswari College of Engineering
Bengaluru 560074