



Department of Robotics and Automation

Report on Technical Talk

NAME OF THE DEPARTMENT: Department of Robotics and Automation

1. Type of Event : Technical Talk – How the industrial world is embracing automation and robotics?
2. Resource Person : Dr. Hongwei Zhang, BEng MSc PhD MIET CENG FHEA
Senior Academic in the Department of Engineering & Mathematics
Sheffield Hallam University Deputy Head,
National Centre of Excellence for Food Engineering (NCEFE)
Sheffield Hallam University, United Kingdom
4. Date of the programme : Thursday, 16th February 2023 from 10.45 am to 12.30 p.m.
5. Faculty Co Ordinator: Dr.M.Karthikeyan,
Professor and Head
Department of Robotics and Automation
RajaRajeswari College of Engineering
Bengaluru 560074
6. Students attended: 3rd and 1st Semester of Robotics and Automation
7. Outcome of the programme:

Students gained information about the following:

1. In the field of advanced control and condition monitoring of complex processes
2. Industrial automation, robotics and artificial intelligence.
3. Control engineering.
4. Advanced Process Control
5. Condition Monitoring
6. Industrial Automation and Robotics
7. Industry 4.0 and Artificial Intelligence

Number of students get benefitted: 55



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Department of Robotics and Automation

Invitation of the Webinar



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#14, Ramohalli Cross, Kumbalagodu, Mysuru Road, Bengaluru - 560 074. Karnataka



Department of Robotics and Automation &



jointly organizing

Technical Talk

on

**HOW THE INDUSTRIAL WORLD IS EMBRACING AUTOMATION
AND ROBOTICS ?**



Speaker

Dr Hongwei Zhang BEng,

Senior Academic in the Department of Engineering & Mathematics
Deputy Head of the National Centre of Excellence for Food Engineering

Sheffield Hallam University, United Kingdom

All are invited!!!

Date: Thursday, 16th February 2023 Time: 10.45 am to 12.30 pm

Venue: EEE Seminar Hall (1st Floor)



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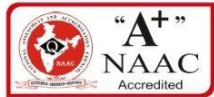
Department of Robotics and Automation

About the Speaker



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Technical Talk

on

HOW THE INDUSTRIAL WORLD IS EMBRACING AUTOMATION AND ROBOTICS ?



About the Speaker

Dr Hongwei Zhang

Senior Academic in the Department of Engineering & Mathematics
Deputy Head of the National Centre of Excellence for Food Engineering
Sheffield Hallam University, United Kingdom

- Ph.D in Control Engineering from the University of Manchester.
- Ph.D in Aerospace Engineering from Harbin Institute of Technology.
- Chartered Engineer (CEng) and a Fellow of the Higher Education Academy (FHEA).
- IET Academic Accreditor.
- Researcher in the field of advanced control and condition monitoring of complex processes, industrial automation, robotics and artificial intelligence.
- Teaching areas are in industrial automation and control engineering.
- Currently working as Deputy Head of Centre for the National Centre of Excellence for Food Engineering (NCEFE), Sheffield Hallam University, United Kingdom
- Areas of Interest:- Advanced Process Control, Condition Monitoring, Industrial Automation and Robotics, Industry 4.0 and Artificial Intelligence

All are invited!!!

Date: Thursday, 16th February 2023 Time: 10.45 am to 12.30 pm

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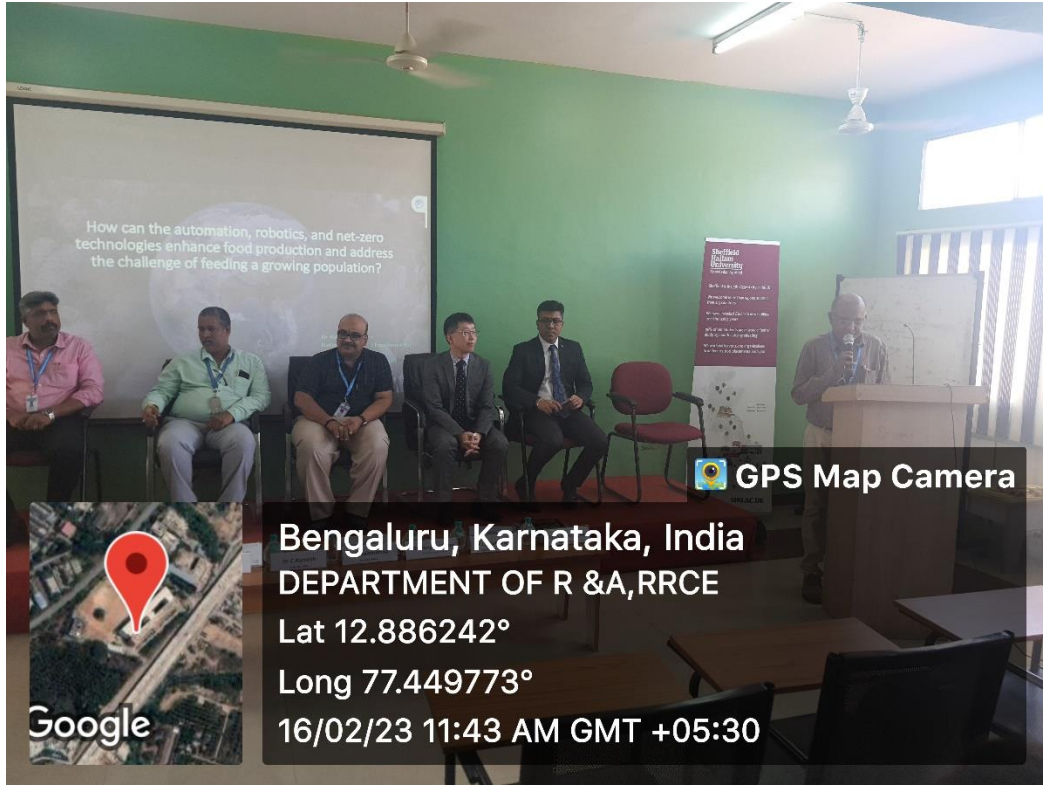
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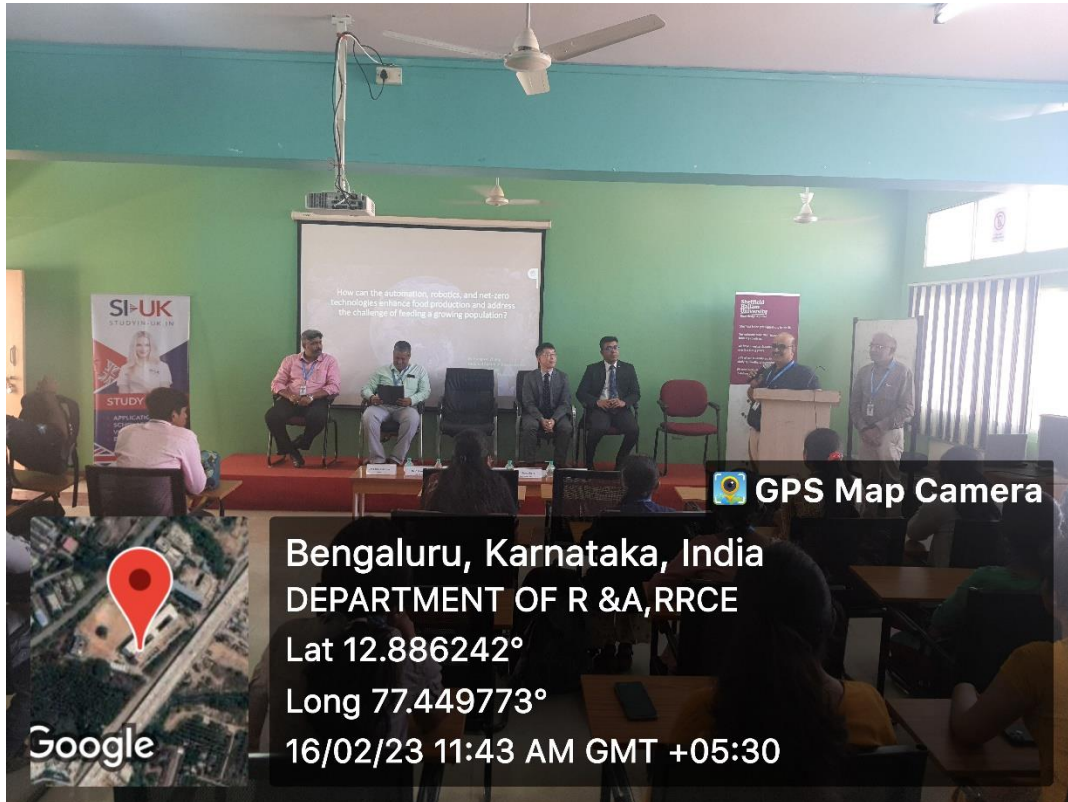
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Department of Robotics and Automation

Geotagged Photos of the webinar



Dr M Karthikeyan, HOD-R&A welcomes the gathering



Dr.R.Balakrishna, Principal addressing the programme



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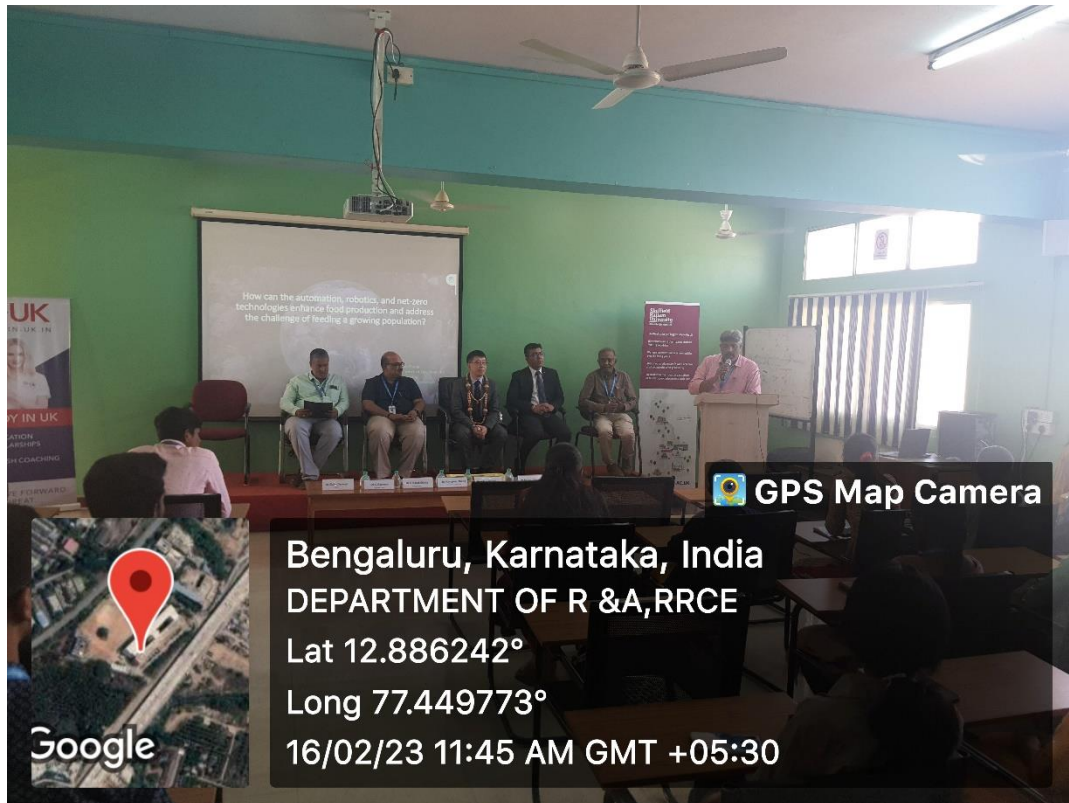


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Dr.R.Balakrishna, Principal honouring Dr. Hongwei Zhang during the programme



Dr. Ebby Darney, HOD-EEE introduce Dr. Hongwei Zhang to the gathering

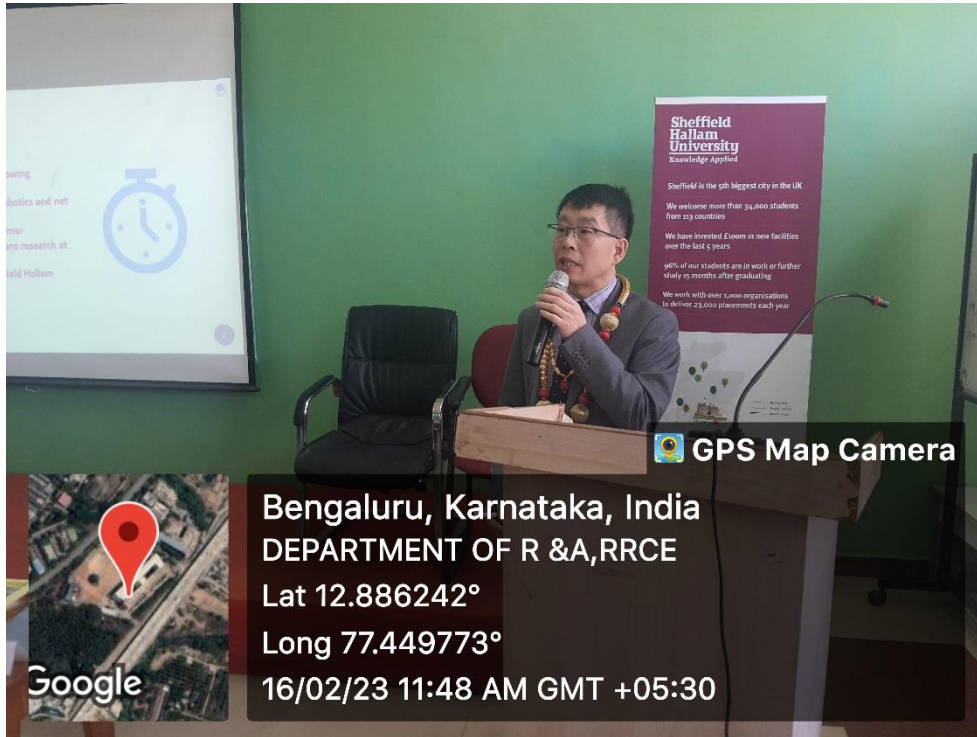


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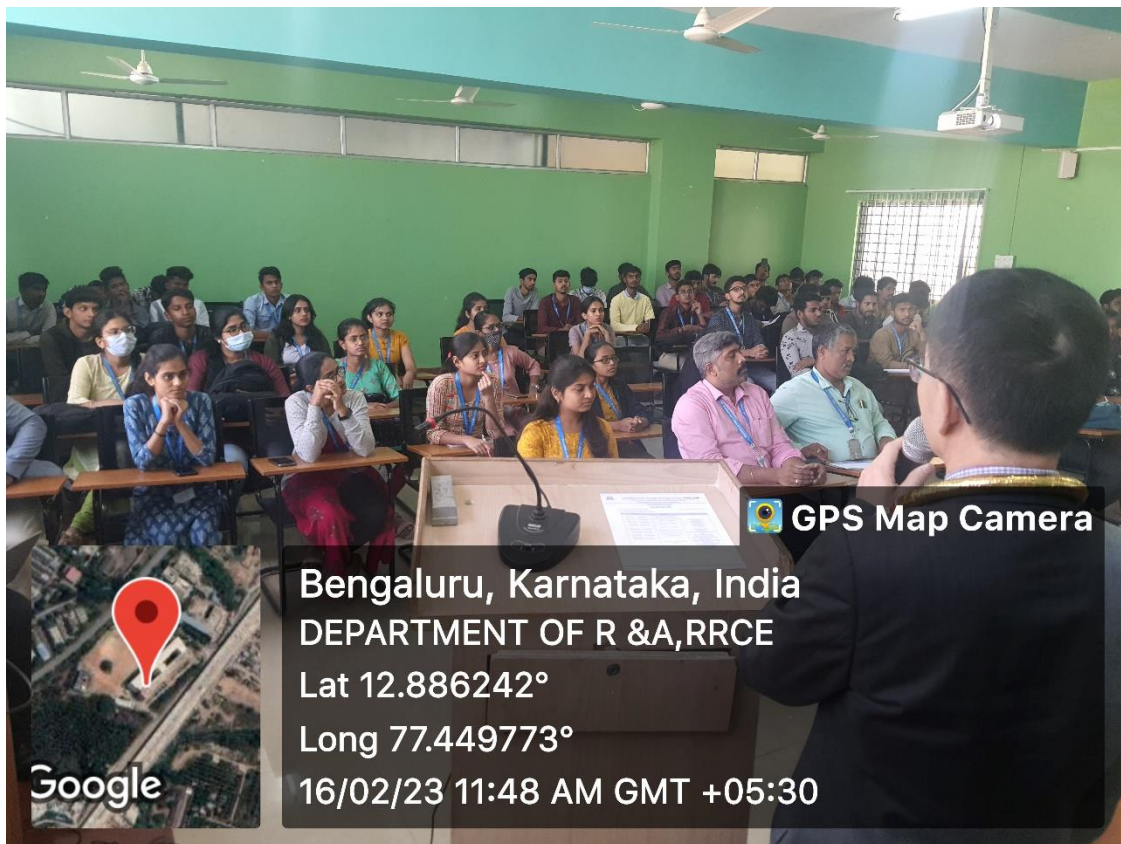
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Dr. Hongwei Zhang addressed the programme



Dr. Hongwei Zhang addressed the programme

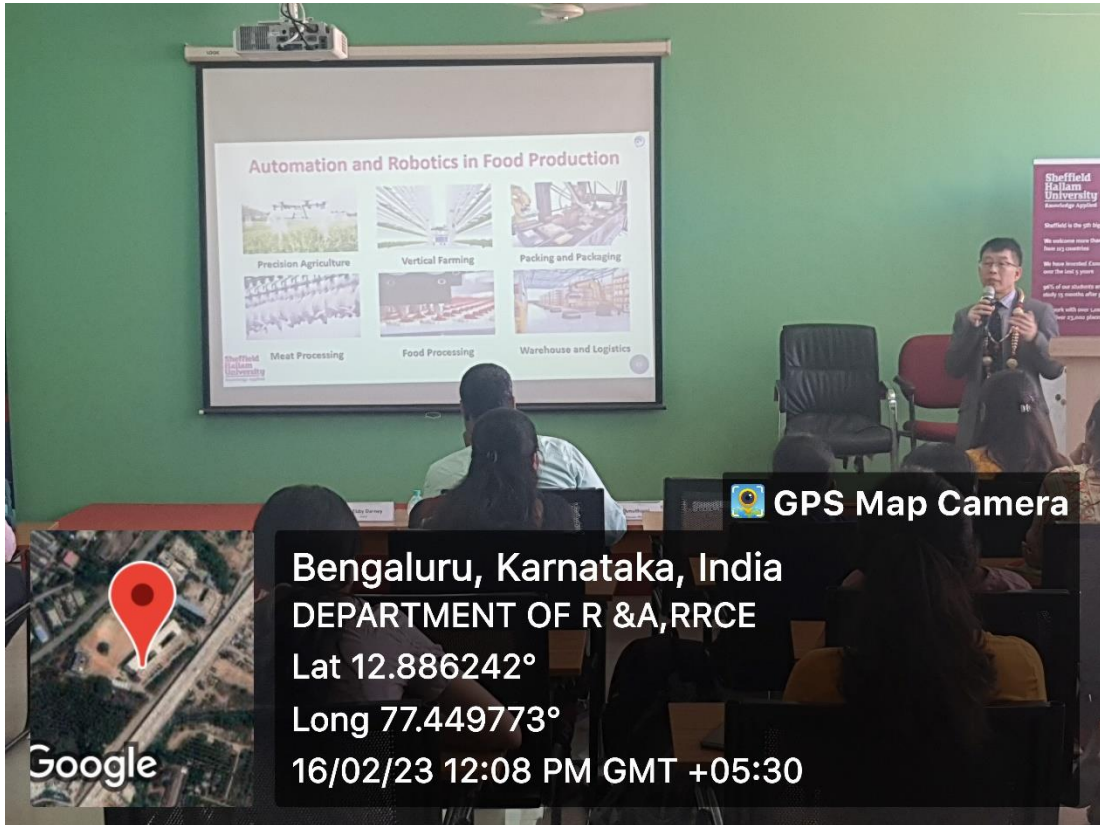


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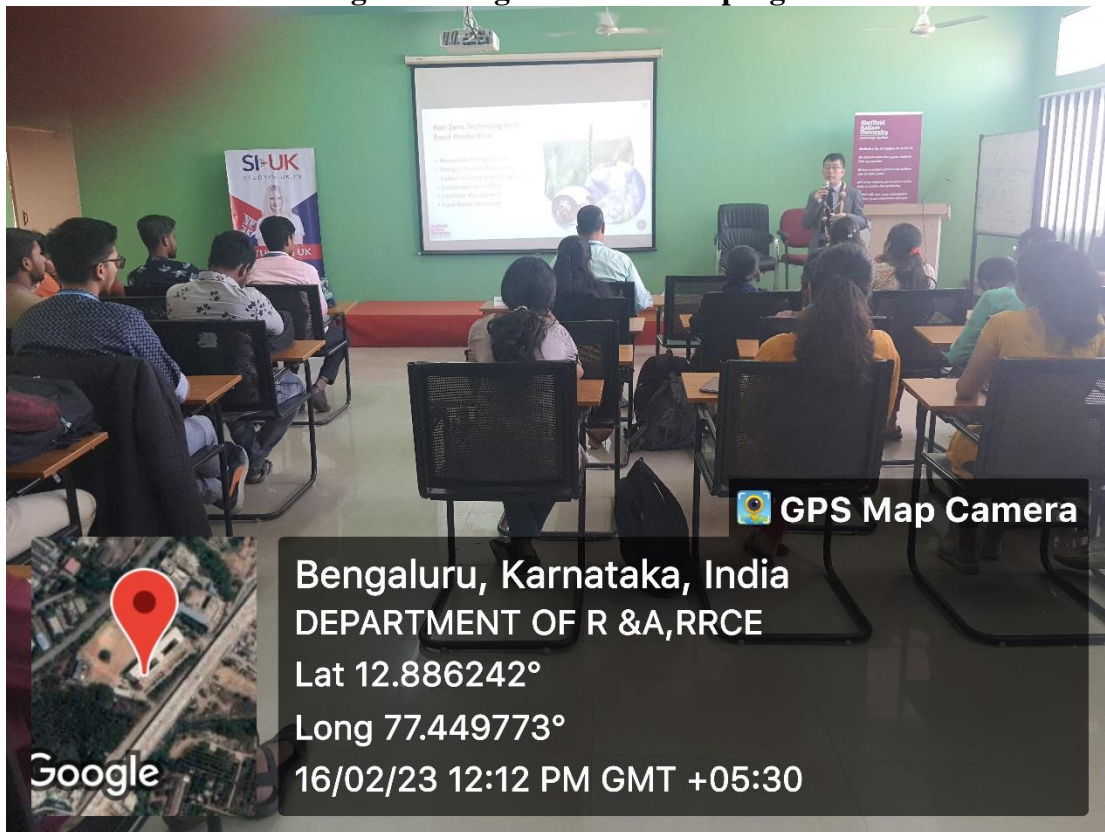


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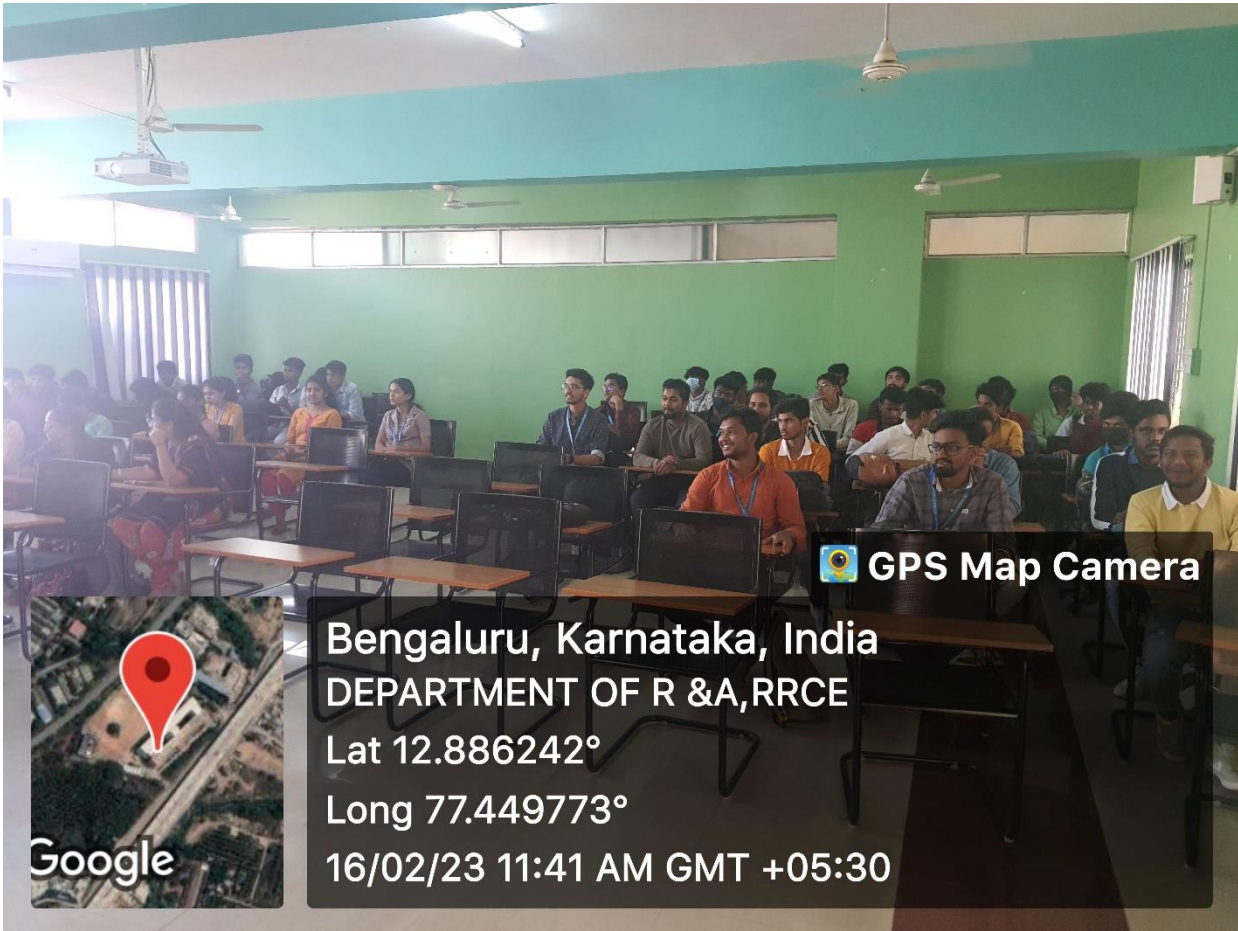


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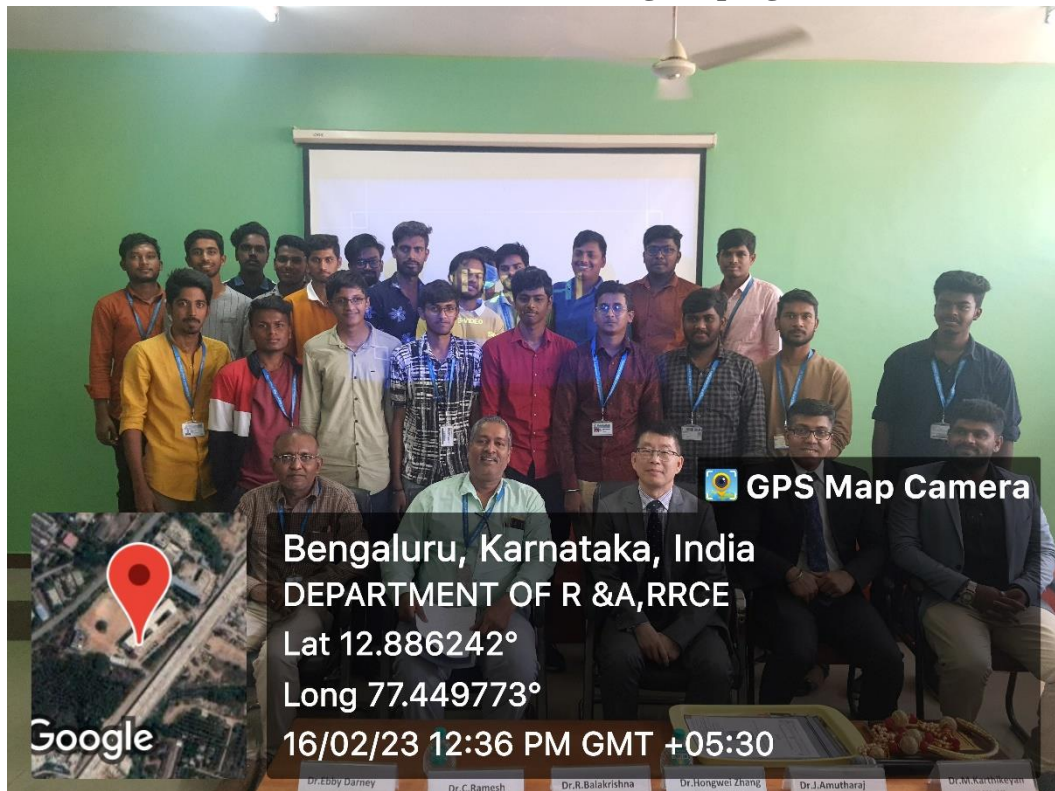


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Staff and Students were attending the programme



Students with Dr. Hongwei Zhang

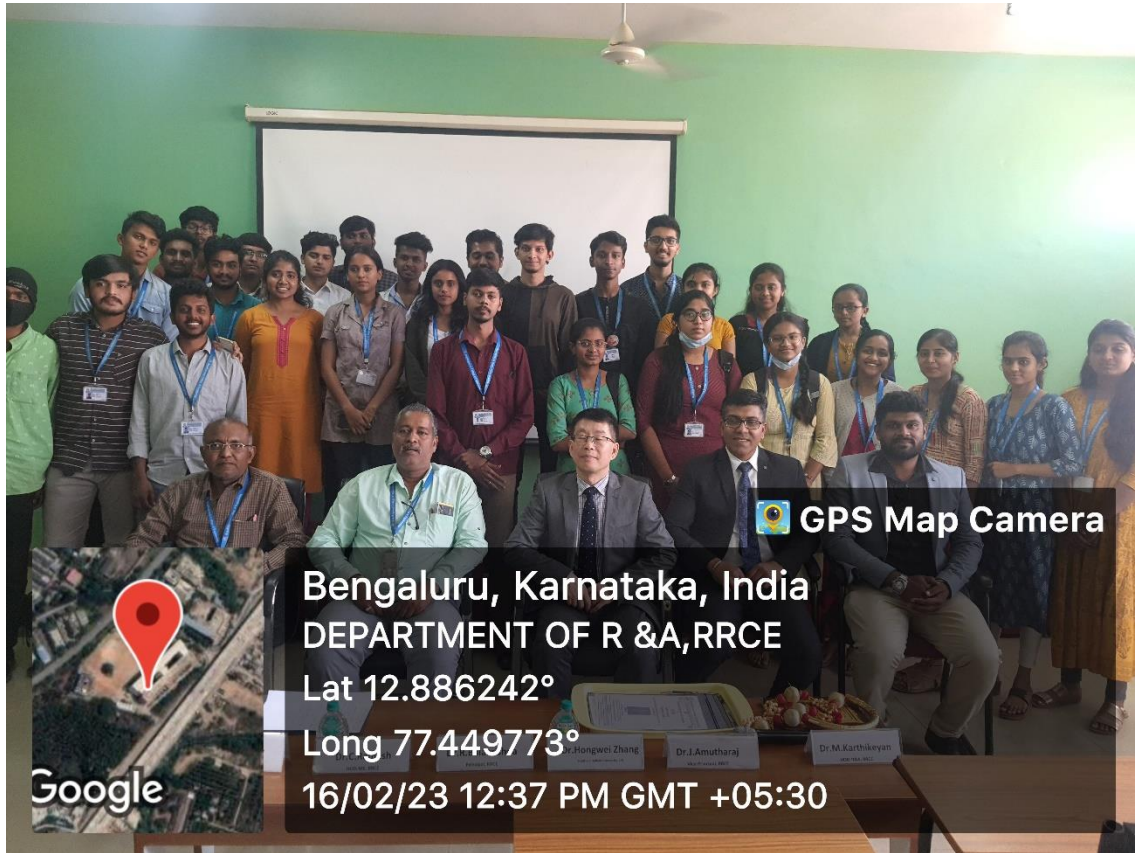


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Students with Dr. Hongwei Zhang



Dr. Hongwei Zhang discussed with Dr.R.Balakrishna, Principal

- Report prepared by Dr.M.Karthikeyan, HOD-R&A



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Name of the event: Technical Talk "How the industrial world is embracing automation and robotics?"

Name of the speaker: Dr. Hongwei Zhang,
Senior Academic in the Department of Engineering & Mathematics
Deputy Head of the National Centre of Excellence for Food Processing
Sheffield Hallam University, United Kingdom.

Date of the Event: Thursday, 16th February, from 10.45 am to 12.30 p.m.

3rd Semester Department of Robotics and Automation Students Attendance

Sl No	USN	Name of the Students	Sign
1	1RR21RA/001	ASBIN DONY A	AS
2	1RR21RA002	BALASARAVANA S	Bsae
3	1RR21RA003	BHUMIKA H S	Bhuma
4	1RR21RA004	CHARANKUMAR K R	Charan
5	1RR21RA005	DEVARAJU	Devaraju
6	1RR21RA006	HAFSA FATHIMA	Hafsa
7	1RR21RA007	HARSHA A V	Harsha
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	Nitha
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
24		VENUGOPAL	Venugopal
25		NITHIN.K	Nithin

M. H. M. / 16/2/23
PrHOOR&Aead

Dept. of Robotics and Automation Engg
RajaRajeswari College of Engineering
Bengaluru-74



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Sheffield Hallam University, United Kingdom.

Date of the Event: Thursday, 16th February, from 10.45 am to 12.30 p.m.

1st Semester Department of Robotics and Automation Students Attendance

SI No	USN	Name of the Students	Sign
1		ABHISHEK	
2		AKARSH KASHYAP S	
3		AKSHAYE KANNA	
4		BHUVANESHWARI G	
5		CHARAN GOWDA N	
6		DHANUSH H	
7		GNANASHREE N V	
8		HEMANTH P	
9		INDRESH INDRESH.	
10		JAFFER A	
11		KANISHK J	
12		KUMARSWAMY K P	
13		LIKITH K	
14		LIKITH M R	
15		MOUNESH R	
16		PRAJWAL NOOLA	
17		PREM KUMAR G	
18		RANJITHA P	
19		ROHITH V GOWDA	
20		S R NISHWATH	
21		SAKSHI	
22		SHASHANK N S	
23		SHREYAS S RAI	
24		SHRIHAARIKA K	
25		SOUJANYA NAGARAJ SHALI	



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1st Semester Department of Robotics and Automation Students Attendance

SI No	USN	Name of the Students	Sign
21		SPOORTHI JANADRI	<i>Spoorthi</i>
22		SUJAL B	<i>Sujal B</i>
23		TANZEEM	<i>AB</i>
24		UDAY L D	<i>Uday L D</i>
25		VISHAL KAMBADMATH	<i>Vishal Kambadm</i>

M. K. M. M. M.
16/2/23
HOD R&A

Professor & Head
Dept. of Robotics and Automation Engg
RajaRajeswari College of Engineering
Bengaluru-74.