



Institution's Innovation Council

An initiative by Ministry of Education, Govt. of India

Shri Guru Gobind Singhji Institute of Engineering and Technology
Vishnupuri, Nanded (MS) 431606

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#LetUsInnovate

A Report on

An inspiring session on

“World of Robotics and Simulators - From the Comfort of your home”

by Mr. Atish Patange, M.S. in Robotics from University of Bonn, Germany

Day and Date

Monday, 05-Dec-2022 and 04:00 pm

Venue

A4 Hall

**Faculty involved: Dr. Suhas Gajre, Dr.(Mrs.) R. V. Sarwadnya, Dr. M.V.Bhalerao,
Dr. B. S. Shetty**

Institution's Innovation Council of Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded in collaboration with Young Inspirator Network (YIN) of Sakal Publishing House has organised an inspiring session on “World of Robotics and Simulators - From the Comfort of your home” by Atish Patange M.S. in Robotics from University of Bonn, Germany.

Mr.Gaurav Walambe and Mr. Ajaroddin Shaikh of Skal Publishing House were also present. Ishwar Gade, Pragati Darekar and Adarsh Bhosale i.e. students ambassadors of SGGSIET-AICTE IDEA Laboratory were present for the same event. A large number of students of the institute were also present for the event.

Mr. Atish Patange explained the concept of Robotics. He also explained the very simulators used in the field of robotics. He told the rule of robotics in the defence sector, in submarine fields. He also explained the various computer languages used in robotics like C, C++ And python programming and various simulators. He asked some questions to the students regarding virtual reality and augmented reality and their differences. Mr. Atish Patange explained the various types of simulators used like a maritime, gun, aerial, helicopter, etc. later he briefed about how to learn robotics at home using various videos, websites, etc. the event was closed with the concluding remark within time.



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Mr. Atish Patange explaining the concept of Robotics.

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Dr. S.S. Gajre, Mr. Aish Patange and Dr. M.V. Bhalerao



Dr. S.S. Gajre fascitating Mr. Aish Patange



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Students of the institute attending the event.



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Poster



SGGSIET-AICTE IDEA Laboratory and Institution's Innovation Council of
Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded
in collaboration with
Young Inspirator Network (YIN) of Sakal Publishing House

have organised an inspiring session on

यिन
संवाद

“World of Robotics and Simulators - From the Comfort of your home”

by

Atish Patange

M.S. in Robotics from University of Bonn, Germany

When and where: On **Monday, 5-Dec-2022** at **4 PM** in **A4 hall**

There is a big buzz about **robotics**, **AI, ML, Computer Vision**, etc., but very few students know that **they can learn** about it sitting at the comfort of the **home!** The **innovators** can even think starting their own startup and join the **start-up revolution**. There is **big demand** of innovators in the **defense sector**, and the **Govt.** and **Pvt.** players in **India and abroad** are seeking **good innovators** in robotics sector.

Join us to know more about this!

About the expert **Mr. Atish Patange**



Originally from a **small village of Hingoli District**, Atish has completed **Master of Science in Robotics from University of Bonn, Germany**

Atish works in **Robotics** sector **since 2010**, and has wide experience in Fraunhofer, Lufthansa Technik, and Frankfurt Airport. He **started 2 companies**: Honeydew Robotics UG (registered in Bremen, Germany) and P2K Robotics Pvt. Ltd. (registered in Pune).

One of the client is **Rheinmetall Defense, Bremen, Germany** – big name in arms manufacturers. To know More about him visit <https://www.linkedin.com/in/patangeatish/>

Agenda

- Is Robotics a costly and complex field?
- How you can teach yourself robotics sitting at the comfort of your home?
- What are the different hardware, software platforms available where you can start learning robotics?
- Have you heard about Robot Operating System?
- What are the different companies working in this sector?
- What are the different robotics competitions happening around world?
- How you can participate?
- What are simulators, does such kind of industry ever existed?
- Is there any similarity in between simulations and robotics?
- How armies around world using simulators to prepare themselves for combat operations?

Do not miss the opportunity!

About SGGSIET-AICTE IDEA Lab
cutt.ly/sggsiet-aicte-idea-lab

About IIC
iic.mic.gov.in

About YIN
<https://yinformchange.in/>

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Attendance page 1

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Date:05/12/2022

Venue: A4 Hall

Attendance

Div.No.	Reg.No.	Name of student	Sign
1)	2019BEC128	Rushikesh - A. Kulkarni	Rushikesh
2)	2022BME507	Shaikh Sabar Ahmad	Sabar
3)	2022BCS515	Harshad N. Raghunamshi	Harshad
4)	2022BCS507	Jashraj Kishor Nalke	Jashraj
5)	2022BCS519	Tejas Anil Borde	Tejas
6)	2022BCS502	Pratik Vasant Sultane	Pratik
7)	2022BCS511	Bachhav Harshal Dipak	Bachhav
8)	2022BCS509	Ravi Dattatraya Khadke	Ravi
9)	2022BCS504	Shankar Santosh Sogar	Shankar
10)	2022BCS517	Bibhishan Bibhishan Taraji	Bibhishan
11)	2022BME514	Shreenivas Sanjay Patil	Shreenivas
12)	2022BEL019	Neel Dattatraya Chavan	Neel
13)	2021BEC506	Nilesh Fulchand Pawar	Nilesh
14)	2022BCS042	Ankush Daxxon Ujawane	Ankush
15)	2022BEL503	Yash Dattatray Kale	Yash Kale
16)	2022BIT504	Saikat Nazendra Vinchekar	Saikat
17)	2021BCS096	Ameey Hajare	Ameey
18)	2022BME510	Badad Nitin Sheshrao	Badad
19)	2022BME509	Haibhappur Nageshwar madhav	Haibhappur
20)	2022BME505	Rathod Amol Pralhad	Rathod
21)	2020BIN002	Rayweshwar Kulkarni	Rayweshwar
22)	2020BIN015	Pange Pranali	Pange
23)	2021BIN001	Phosale Adarsh	Phosale
24)	2022BPRS05	Shinde Rushikesh	Shinde
25)	2022BEC521	Shivam Devde	Shivam Devde
26)	2022BEC509	Akash D. Kharat	Akash
27)	2022BIT508	Amarbis Singh Kuldipsingh Randhawa	Amarbis Singh
28)	2021BEC111	Sharayu Divakar Ganvir	Sharayu
29)	2021BEC125	Nemade Arti Vasant	Nemade
30)	2021BEC095	Yashomati Vasant Rao Bawane	Yashomati
31)	2021BEL133	Apurva Bhaskar Rajbhaj	Apurva
32)	2021BEC110	Kartik Ramesh Patil	Kartik
33)	2021BEC048	Vishal Jitthal Sude	Vishal
34)	2021BEC049	Bhargav D. Dhoke	Bhargav
35)	2021BEC122	Jashwant Sanjay Saste	Jashwant
36)	2022BIT511	Bansode Nagesh Bakash	Bansode
37)	2022BPR506	Ankush Harshad Kulkarni	Ankush
38)	2022BPRS03	Adep Shashank G.	Adep
39)	2022BIN501	Tattase Sumit Shirish	Tattase



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Div.No.	Reg.No.	Name of student	Sign
D58	2019BPR013	Mayur Khairnar	
	2022BEC006	Narasing Sanjay Harale	
	2022BCS090	Vijay B. Dhavale	
	2022BCS077	mangesh m. Panchal	
	2022BIT029	Aditya Annamwar	
G11	2022BEC007	Aditya C. Jadhav	
	2020BIT041	Chaitanya Govind Mohi	
G07	2022BCS072	Mehit Rajendra Khalokar	
G09	2022BIT004	Om Ingle	
G45	2022BME058	Rushikesh Kailas Jogdand	
G23	2022BEC009	Gaurav Dnyaneshbhai kachkar	
G25	2022BEC117	Nishant Hemant Pise	
	2022BEC503	Sumit Dasekar	
2	2022BEL503	Yash Dattatray Kale	
	2022BIT504	Sarthak Narendra Vinchurkar	
	2021BCS034	Sumeeth G. Rokade	
	2021BEC069	Piyush Lokhande	
G48	2022BCE019	Aditya Malhare	
	2021BEC073	Abhishhek Mukayaramath	
	2021BEC045	Yashodhan Mahajan	
	2021BEC601	Prathamesh Kawale	
	2020BEL071	Prathamesh Juvani	
	2022BEC124	Vasavi Chavhan	
	2020BEC060	Tushar Kuntayab	
	2022BIT511	Bansode Mayesh Pankaj	
	2022BPR503	Adarsh Shashank G.	
	2022BJSN501	Takase Sumit S.	
	2022BEL502	Rohan N. Jadhav	



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Div.No.	Reg.No.	Name of student	Sign
	2022BIT506	Biradar Anjali Rajkumar	Anjali
	2022BC5503	Samsuddhi Jojare	Samsuddhi
	2022BME508	Surpiya Sawan	Sawan
	2022BME151	Jadhav Siddhika Madhav	Siddhika
	2022BEC058	Manasvi Pawade	Manasvi
	2022BIT036	Shriaddha Litesh Bhendarkar	Shriaddha
	2021BEC091	Tanisha Sanjay Jandhale	Tanisha
	2022BC5514	Gargi Manoj Yelambkar	Gargi
	2022BC5505	Hindavi Lande	Hindavi
	2022BME504	Baderao Prerana Vinodkumar	Baderao
	2022BCH502	Shinde Astha Yashraj	Astha
	2022BCH505	Shende Gauri Gopal	Gauri
	2022BC5509	Tuppekar Medhavi Poolesh	Medhavi
	2022BC5520	Khobragade Samiksha Ginish	Samiksha
	2022BIT	Sakshi Surashe	Sakshi
	2022BEC506	Gund Pratibha Balaji	Pratibha
	2019BEC030	Pragati Hanumant Darekar	Pragati
	2022BEC507	Biradar Mahadevi Ganpat	Mahadevi
	2022BEC513	Bacha Neha Balaji	Neha
	2022BEC512	Chaudhari Nikita Narendra	Nikita
	2022BEC515	Patil Mansi Lakshman	Mansi
	2022BEC517	Surmar Rutuja Prakash	Rutuja