



RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD

ISO 9001:2015 Certified Institute

Approved by AICTE, N. Delhi & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow
NBA Accredited Program (B.Tech- ECE, IT)& B. Pharma

Date: 15/05/2023

Workshop On Robotics and Automation With A.I BY Nextup Robotics Ghaziabad (U.P)

Objective: The objective of Robotics and Automation with Artificial Intelligence is to explore and understand the concept of Robotics and their mechanism that is AI based using in different areas and for different task performing. The workshop is based on how ROS is used in developing Robots and Automatization of daily live tasks and how much it will be beneficial for them to learn it.

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|-----------------|--|
| Topic | Robotics and Automation with A.I |
| Expert Name | Mr. Dhirender Kushwaha and Mr. Shubham Singh by Nextup Robotics Ghaziabad. |
| Target Audience | 2 nd year CSE-(AI&ML) Students |
| No of Audience | 52. |
| Date ,Time | 15/05/2023, 1:30 PM to 5:00PM |
| Venue | Lab 3 G Block , RKGIT Ghaziabad. |



Learning Outcomes:

1. To understand the concept of Artificial Intelligence based approach and its uses in different areas.
2. Come to know about the working of ROS and its effectiveness.
3. One of the important outcomes it Enhance the theoretical knowledge in practical one.
4. Get exposure and its key working environment with session.



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Analysis of feedback

| S.N | Gap | Title of Workshop | Date / Month/year | Resource person with Designation | No of students | Relevance to PO's PSO's | Impact |
|-----|--|----------------------------------|-------------------|--|--|-------------------------------------|---|
| 1. | Existing trend in artificial intelligence and its related work area with theoretical one | Robotics and Automation with A.I | 15/05/2023 | Mr. Dhirender Kushwaha and Mr. Shubham Singh by Nextup Robotics Ghaziabad. | 52 students 2 nd year CSE- (AI&ML) | PO1,PO2, PO7,PO10, PO11/PSO 1, PSO2 | Students able to learn the existing Technology of artificial intelligence and their related area. |

Organized By:

Dept. of CSE-(AI&ML)
RKGIT Ghaziabad

Faculty Coordinator:

Mr. Virat Raj Saxena

