



TECNIA

INSTITUTE OF ADVANCED STUDIES

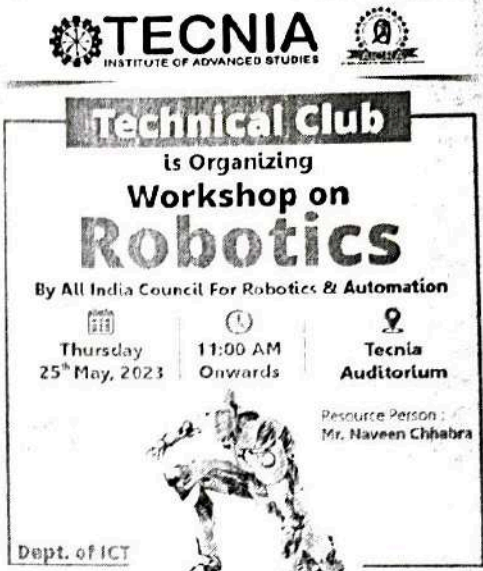
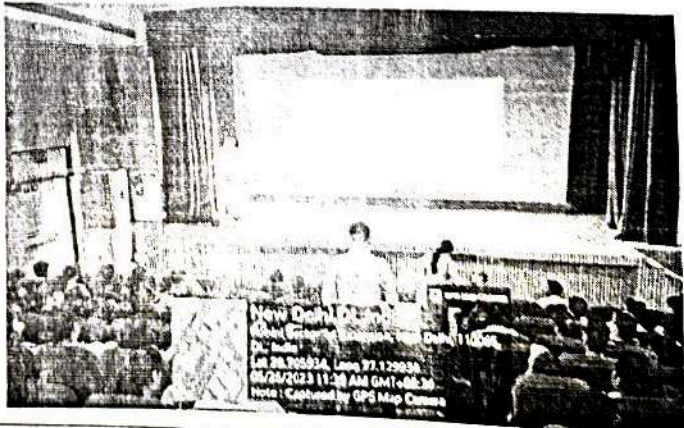
GRADE "A" INSTITUTE
DELHI INDIA

Report on Workshop on Robotics

Title of Activity*	Workshop on Robotics
Values	Science, Technology, Engineering, and Mathematics (STEM) education
Learning Outcomes	<ul style="list-style-type: none">✓ Understanding of Robotics Basics✓ Problem-Solving and Critical Thinking✓ Understanding of Sensor and Actuator
Organized by	Technical Club under the Department of Information Communication and technology
Program Theme*	Workshop on Robotics
External Expert / Internal Expert	Mr. Naveen Chhabra
Date*	25-05-2023
Time*	11 am onwards
Venue	Tecnia Auditorium

HoD
BCA TIAS
Dr. Deelake
HoD ICT

CS

<p>Poster/Flyer/Notice*</p>	
<p>Social media link</p>	<p>https://www.facebook.com/100063529675428/posts/pfbid02VEmNqijjMnW1R1kJhF8epz44hYEvoEbAsMGs8xrpDxRhAdX7bPGqpWLxzUS5dSGZI/?app=fbl</p>
<p>No. of Students*</p>	<p>188</p>
<p>No. of Faculty*</p>	<p>16</p>
<p>No. of External Participants</p>	<p>3</p>
<p>(Geotag) Photograph*</p>	
<p>Photograph of the Event with the Caption</p>	<p>resource person is giving the Presentation</p> 

HOD
BCA-TIAS
Dr. Deepak
HOD ICT

Demonstration by Resource person



Students is participating in Hands on Experience



Report: Description in

Department of Information communication and Technology has organized a workshop on “Robotics” for BCA students on Date 25/05/2023 in auditorium from 11.00 AM to 2:00 PM. Dr. Deepak Sonker(HOD) and Ms. Geeta rani welcomed our Guest Mr. Naveen Chhabra from ICRA explained the importance of this session for the students to gain hands on experience in latest trends of Robotics in automotive industries. Around 188 students took part in the workshop. Expert from ICRA Mr. Naveen Chhabra gave an introductory talk on Latest trends of Robotics in Automotive Manufacturing industries. The speaker firstly introduced about the company and then they gave the technical perspective of the component and the parts of Robots manufactured by them. They explained the various components of Automatic Guided Vehicles (AVG) and Robotic Buggy which has been designed especially for Automation in industries. The Session was started with a lecture on basic concepts discussed in the Auditorium with the demonstration of different robots. These technologies are used to develop machines that can substitute for humans. Robots can be used in any situation and for any purpose, but today many are used in dangerous environments (including bomb

HoD
BCA/TIAS
Dr. Deepak
HoD ICT

detection and de-activation), manufacturing processes, or where humans cannot survive. Robots can take on any form but some are made to resemble humans in appearance. This is said to help in the acceptance of a robot in certain replicative behaviors usually performed by people. Such robots attempt to replicate walking, lifting, speech, cognition, and basically anything a human can do. Many of today's robots are inspired by nature, contributing to the field of bio-inspired robotics.

Recourse Person Profile

Mr Naveen Chhabra presently working in ICRA. He has more than 10 years of experience as a Robotics Engineer with extensive experience in software development, specializing in designing, building, and testing automated systems

Attendance Sheet*

Attached at the end of Report

Feedback

Sample feedback Attached at the end of Report

Report Submitted by

Ms. Geeta Rani

For Office Use

Signature of Event Coordinator

Signature of ^{HOD} School Department Head
(With Seal)

*Dr. Deepak
HOD ICT*

Fields marked with '' are mandatory*