

ARMY INSTITUTE OF TECHNOLOGY

CENTER OF EXCELLENCE FOR AI AND ROBOTICS

VISION: To become a leading learning center for Artificial Intelligence and Robotics by providing a conducive environment with transferring engineering knowledge, inculcating creative thinking, and generating passion for doing it yourself approach which will make them Industry ready.

MISSION:

- Provide students the knowledge that makes them professional engineers, inculcate within, a solid base in mechatronics engineering, analytical and rational skills, for making them future leaders.
- Develop an accomplished human resources with an aptitude for entrepreneurship capabilities, team spirit and novel approach for their professional careers with lifelong learners.
- Impart quality learning culture to students to promote high standards of professional ethics, transparency, and accountability.

Academic Year	:	2019-20
Name of Faculty IC	:	Avinash Paitl
Name of Secretary	:	1. Abhishek Panda 2. Sneha Choudhary
Budget Allocated by Institute	:	6,00,000
Sponsorship Received	:	1
Events Conducted	:	14

Sr. No.	Name of Event	Details of Events and Date	No. of Participants	Name of Winner with Position	Photo of Event with Caption
1	Two days Line tracer workshop named "Use the Pins wisely 6.0"	Nov 2019-20	All FE's Approx 100 students		
2	3DPLM Lab Exposure	Entire Sem I	All FE's Approx 150 students		
3	One Day Workshop on Sensors	Jan 2020	30 Students FE and SE's		
4	Robocon 2020	Feb 2020	40 Team members including		

	Qualified Round I		SE's and TE's from E&TC and Mech		
5	Tech Solutions: Line Tracer, Robo Race, Pick and Place and IC Engine	17-20 Feb 2020	InterCollege Approx 100 Students participants		
6	Tech Aakriti: Line Tracer, Robo Race, Pick and Place and IC Engine	15-16 Jan 2020	IntraCollege Approx 100 Students participants		
7	BIT's Goa: Participated in Robotics Event and attended workshop	1 st to 3 rd Feb 2020	09 Students from TE E&TC		
8	SAE Conclave at PCCOE Project competition	Jan 2020	15 students participated for project competition		
9	RSCOE, Pune	10 th Feb 2020	Project Competition		
10	IIT Guwahati, ESCLADE 2020		Team 1- Ashvathama Members- Shuvam Kumar Kedar Joshi Gaurav Mishra Ashish Kumar Garhwal Team 2- Techbots Members- Aishwarya Shubhangini Sneha Rajdeep Team 3- Megabots Members- Abhishek Jha Ankit Singh Ankush Roy Prijwal Singh Team 4- Noobs Members- Vijay Kumar	Secured 2 nd and 4 th Position Won 15,000/- Rs	

			Vineet Kumar Pandey Sunil Chaudhary Prakarsh Bhardwaj Team 5- Delta Members- Deepak Tiwari Snehashish Pradhan Sunny Bhandari Shivam Singh		
11	Robotic Arm: Entirely Design and Developed in-house Robotic Arm	Term I		Cost saving of Rs 2,50,000/-	
12	Received mentorship of 22 Eastern Command APS schools from AWS, Delhi	June 2020	AI and Robotic Lab setup for 22 schools		
13	3D printing of the Project complete Medicopter (Autodesk) and Wind turbine (KPIT Sparkle) projects are completed in 3DPLM lab	Term I		Secured 2 nd and 1 st position respectively. Won 5,00,000/- Rs	
14	Mentorship for 30 APS Eastern command schools for establishment of AI and Robotics in schools	Term 1	APS schools teachers	NA	