Directorate of Outcome
Outcome Report(Event/Activity Organized @ AUH)

1. General Information

Date: 11/05/2022
Event Type: 24 * 7 (Celebration of National Technology Day)
Event Title: Robo Race and Debugging
Venue: C-Block Foyer and C block Room No. 218
Organized by(School): CSE, ASET
Student Participation*: No. of Students from AUH (Course wise):- Robo Race: 22 Debugging: 10
Faculty Participation*: No. of Faculty Members from AUH (Deptt. wise):-0
Participation from outside AUH*: No. of Students & Faculty Members- 0
(Enclose attendance sheets in given format)
Event Coordinator(s) with designation:

> **Dr. Sunil Sikka, Associate Professor, Ms. Juhi Singh, Assistant Professor**
> **Dr. Khushboo Tripathi, Assistant Professor, Dr. Aman Jatain, Assistant Professor**
> **Mr. Akshat Aggarwal, Assistant Professor**

Details of Expert/Speaker/Resource Person/Judge:NA

SN	Country Name	Expert Name	Organization Name	Designation	Specialization	Contact No.	E-mail Id	Address	Major Areas where Amity can Collaborate with expert	CV of Expert (Yes/ No)

2. Outcome of the Event with Time Lines (Proposed/Achieved)

Envisaged Outcome	Tangible/ Intangible	Achieved/ Proposed	Target date & responsibilities (if proposed)	Details of outcome
1. **Outcome related to Academia Connect**				
a) Collaborations for Research Papers / Conference Papers/ Book Chapter etc.	NA			
b) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] & Projects/Use of Instruments etc.	NA			
c) Collaboration for Funded Projects	NA			
2. **Outcome related to Industry Connect**				
a) Placement	NA			
b) Collaborations for Research Papers	NA			
c) Collaborations & MOU for Research Guidance [PhD, PG & UG (summer training, Dissertation)] &Projects/Use of Instruments	NA			
d) Collaboration for Funded Projects	NA			
3. **Outcome related to Society Outreach**				
a) Benefit to society in terms of Health & Hygiene	NA			
b) Benefit to society in terms of Education		Yes	11/05/2022	These technical events let students get expose to competition ahead. Roborace is an AI driven competition where students show their skills in design and use of Robot and Debugging enhances students programming capabilities.
4. **Outcome related to Students Learning & Grooming**				
				These technical events let students get expose to competition ahead. Roborace is an AI driven competition where

				students show their skills in design and use of Robot and Debugging enhances students programming capabilities.
5. Any other				

3. Event Report along with glimpses of the event *(Photographs)*

3.1 General Introduction of the Event:

ROBORACE

There will be three rounds in which bots have to transverse to different terrains and overcome various obstacles.

Round 1:

This round will mainly test the power and acceleration of the bots. The track will mainly consist of all terrain obstacles like mud, rocks, wood, slippery inclined surface and other later additions (if any).

Round 2:

This round will be designed to test the speed of the bots. With a smooth terrain, the track will include a hairpin incline, speed breakers etc.

Round 3:

 • This will be the round where two bots will race each other. • The top 8 bots from the collective score of the two rounds will advance to this round and we'll have quarter finals, semi-finals and the final round.

 • The same track will be used in the quarter-finals, semifinals and finals, with the addition of extra obstacles and additional paths

Rules:

• The team will be marked on the total time taken by the bot to complete 1 lap.

• If a bot is not able to pass an obstacle, then a penalty time will be added for skipping the obstacle.

• The penalty time will be announced later by the organizers.

• The cumulative sum of the times of the two rounds will be the basis for qualifying for the third rounds. Battery and Power: The machine can be powered electrically only (on-board batteries). Use of an IC engine in any form is not allowed. Batteries must be sealed, immobilized-electrolyte types (such as gel, lithium, LiPo, NiCad, NiMH, dry cells).

Objectives of the Event: To enhance student's competitive skills.

3.3 Brief about the address/talk of speakers :

3.3 Photographs with caption *(also share high resolution JPEG files of photographs)*

Students showing running Robo on track

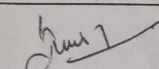**Winning Team with Student and Faculty Organizers**

Students solving Debugging Problems

Participants of Debugging Event

3.4 Scanned copy of attendance sheets

		Amity University Haryana			
		Amity School of Engineering and Technology			
		National Technology Day			
Event Title: Robo Race				Date: 11/05/2022	
S.No	Enrollment no.	Name	Course	Department	Semester
1	A505048200007	Sparsh	BCA	AIIT	4th
2	A5050482 0010	Mayank	BCA	AIIT	4th
3	A5050482 0011	Khushi	BCA	AIIT	4th
4	A505112518004	Anjanan	Btech+Mtech	ASET	8th
5	A505112510005	Shubham	Psychology	AIBAS	6th
6	A505112516003	Akshay Mohan	B.Tech+M.Tech	ASET	8th
7	A505112518004	Mohan Kumah	B.Tech+M.Teu	ASET	8th
8	A505112518011	Mohammed Baquer	Btech+Mtech	ASET	8th
9	A505112518008	P. Satwik	Btech+Mtech	ASET	8th
10	A505145021009	VISHAL	MCA	AIIT	2nd
11	A50204419003	SANJANA VATS	BSc BT	AIB	6th
12	A50105221072	VARUN VATS	Btech	ASET	2nd
13	A505145020011	YASHVI	MCA	ASET	4th
14	A50105218088	JASWANTH ARYA	BTech(CSE)	ASET	8th
15	A50105118005	GURU	B.Tech(ECE)	ASET	8th
16	A50105218095	Ritik Gupta	B.Tech(CSE)	ASET	8th
17	A50105118003	RUKASKREN BUKASA	B.TECH(ECE)	ASET	8th
18	A5142612001	Delvii Siosh	B.Tech EEE	ASET	8th
Coordinator(s) (Name and signature)					

(DR. SUMIT SINHA)

Amity University Haryana
Amity School of Engineering and Technology
National Technology Day

Event Title: Robo Race				Date: 11/05/2022	
S.No	Enrollment no.	Name	Course	Department	Semester
19	A5012461B001	Kelvin Joshua	B.Tech(EEE)	ASET	8th
20	AS0514S021008	JAI BANSAL	MCA	AIIT	2nd
21	A50105281090	Nimish Bhardwaj	BTech	ASET	2nd
23	A50105718094	Rishabh Goyal	B.Tech (CSE)	ASET	8th (Ritik)
Coordinator(s) (Name and signature)					

(DR. SUNIL SIKKA)

	Amity University Haryana					
	Amity School of Engineering and Technology					
Event Title: Debugging				Date: 11/05/2022		
S.No	Enrollment no.	Name	Course	Department	Semester	Signature
1	A50105220041	Sujal Singh	B.TECH CSE	ASET	IV	Sujal Singh
2	A50105220072	Gautam Partl	B.tech CSE	ASET	I V	
3	AS0105220046	SONALI BEHURA	B.TECH CSE	ASET	IV	Sonali Behura.
4	AS01132520017	IBRAHIM ALAM	B.TECH AI&ML	ASET	IV	I.Alam
5	ASBSO4821001	Himanshu Acharya	BCA	ASET	II	H Acharya
6	A50504921017	Harshit Agarwal	BSC I.T.	ASET	II	Harshit.
7	A50511232108	Kumal Sauryan	B.M.Tech(DS)	ASET	II	Sawryan
8	10	Mayank	BCA	ASET	IV	
9	A50504820007	Sparsh	BCA	ASET	IV	
10	A50504820091	Khushi	BCA	ASET	IV	
11						
01.	A50105219003	Hruday Aditya	B.Tech	CSE	VI	Aditya
02.	A50105219045	srivastava surc	B.Tech	C.S.E	VI	srivastava.s
03.	A50105220055	Puneet Sharma	B.Tech	CSE	IV	Puneet
	Coordinator(s) (Name and signature)					

3.5 Few Scanned feedback forms of participants -

Attendance Sheet of Faculty Members (AUH)				
Event Title:				Date:
S.No.	Participant Faculty Name	School	Designation	Signature
1				
2				
			Name & Signature of the Event Coordinator	

Attendance Sheet of Students (AUH)				
Event Title:				Date:
S.No.	Participant Name	School	Programme & Semester	Signature
1				
2				

3				

Name & Signature of the Event Coordinator

Attendance Sheet of Outside Participant				
Event Title:				Date:
S.No.	**Participant Name**	**School**	**Designation/Programme & sem(if student)**	**Signature**
1				
2				
3				

Name & Signature of the Event Coordinator

Directorate of Outcome (DOO)