

DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

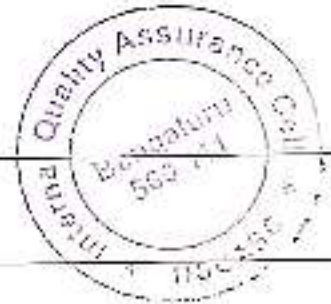
Internal Quality Assurance Cell (IQAC) Cell

Technical Talk - "A Guest Lecture on AI, Robotics & IOT"

Department: BCA

Date: 13/12/2023

Sl. No.	Particulars	Event related Details			
1.	Event*	Seminar			
2.	Title of the Event	"A Guest Lecture on AI, Robotics & IOT"			
3.	Date	13/12/2023			
4.	Time	2.00 p.m. - 4.00 p.m.			
5.	Venue	Seminar Hall, Building no17			
6.	Resource Person 1 Details** (Profile to be enclosed)	Name :Dr.Sanjeev S Designation: HOD-BCA & Associate Professor Organization: Vijaya College			
7.	Topics Covered	<ul style="list-style-type: none"> • Introduction to AI, Robotics,IOT • Types of IOT and Robotics • Types of Sensors • Demo of Robots 			
8.	Resource Person 2 Details**	NA			
9.	Topics Covered	NA			
10.	No. Faculty Participants(Enclose a copy of names with signatures)	Internal:	03	External:	NA
11.	No. Student Participants (Enclose a copy of names with signatures)	Internal:	70	External:	NA
12.	Faculty Coordinator/s	Name: Prof.Hemanth Uppala Designation :Vice Principal Name : Dr.Arunadevi C Designation : Associate Professor & HOD-BCA Name : Prof.Srivatsala V Designation: Assistant Professor			



	Particulars	Event related Details
		Name: Prof.Ahmed Designation: Assistant Professor Department: Department of Computer Applications -BCA, DSCASC.
13.	Student Coordinator/s	Full Name: Mr.Gunav S,Ms.Akanksha Register No: U03CJ2150J82,U03CJ2150113 Course, Semester & Section: BCA V Sem 'A'and 'B'
14.	Total Expenditure	3000/-
15.	Sponsors and Amount (if any)	NA
16.	Program Schedule of the Event attached?	Yes
17.	Report uploaded on college website? If yes, give details:	Yes
18.	Report sent to media? If yes, give details:	NO
19.	Report uploaded in Social Media? If yes, give details:	Yes
20.	Certificates Printed? (Enclose a copy***)	NO
21.	Feedback Collected? (Enclose a copy***)	YES
22.	Attendance Sheet Attached?*	YES
23.	Summary of the Event (Minimum 100 words)	Department of BCA organized a Guest Lecture on AI,IOT and Robotics by Dr.Sanjeev S and Prof.Ahmed. Dr.Sanjeev started the session by introduction to AI and IOT. He explained the relationship between Robotics and AI. He said that AI is software and IOT takes care of Hardware. He also explained various smart devices being used in today's world. He also explained the types of sensors being used in variety of devices. Also Structure and architecture of Robots was explained to the students by Prof.Ahmed. Various sensors which were just few hardware pieces were distributed to the students for their understanding and for them to have a closer look. Prof.Ahmed demonstrated few Robots like Obstacle Robot, Tilting Robot etc. Obstacle Avoiding Robot was demonstrated by running it on the floor and whenever it came across a wall or any obstacle it would turn back or stop. Tilting Robot could recognize the tilting motion. Overall the students were very enthusiastic in learning about Robots. Prof.Arunadevi also graced the session. Overall the session was a great success as the students could see Robots in live action.
	Photographs of the Event	Attached



V. Santhosh
Event Coordinator

Arunadevi
HOD

A. Gunav S
13/12/23
IQAC Coordinator

Vice-Principal
13/12/23

Principal

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Photographs :



Pic 1 : Introduction AI and IOT by Dr.Sanjeev S



Pic 2 : Why IOT is required?



Pic 3 : Ultrasonic sensor



Pic 4 : Prof.Ahmed explaining about Robot



Pic 5 : Students trying to work with a robot



Pic 6 : Obstacle avoiding Robot







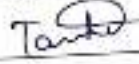

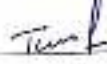
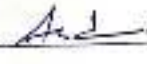
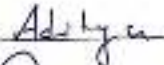

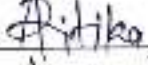


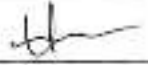
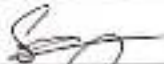

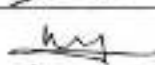
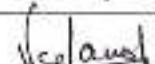
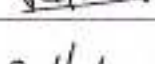
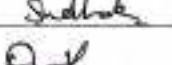


Pic 7: Demonstration of the Robot s

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
 Department of Computer Applications - BCA
 Guest Lecture on "AI, Robotics & IOT"

Date: 13.12.2023

Semester: V BCA "B" Section

SL. NO.	REG. NO.	STUDENTS NAME	SIGNATURE
1.	U03CJ21S0144	ABDUL RAZIA KHAN	
2.	U03CJ21S0139	PRINCE PAUL	
3.	U03CJ21S0129	VIKASH SRIVASTAVA	
4.	U03CJ21S0128	Vicky Acharyee	
5.	U03CJ21S0105	Mohd Moay Khan	
6.	U03CJ21S0106	Syed Shamus Ahmad	
7.	U03CJ21S091	Abu Tahir	
8.	U03CJ21S092	Shaik Shahid Hussain	
9.	U03CJ21S0149	MO TAUSIE MANAZIR	
10.	U03CJ21S0146	Asad Aziz	
11.	U03CJ21S0121	Aditya Singh	
12.	U03CJ21S0181	Murali Rajeev	
13.	U03CJ21S0142	Ritika Saini	
14.	U03CJ21S0086	Manasa R	
15.	U03CJ21S0113	Akanksha	
16.	U03CJ21S0102	Utsav	
17.	U03CJ21S0079	Sinchana	
18.)	U03CJ21S0114	Harshita Nagar	
19.)	U03CJ21S0137	Agush Sharma	
20.)	U03CJ21S0117	Vedant Pandey	
21)	U03CJ21S0087	Sudhakar N. K	
22)	U03CJ21S0133	Vaddi Durga Prasad	

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
 Department of Computer Applications - BCA
 Guest Lecture on "AI, Robotics & IOT"

Date: 13.12.2023

Semester: V BCA "A" Section

SL NO.	REG. NO.	STUDENTS NAME	SIGNATURE
1.	U03CJ2180075 K.H	K.M. Kavya. sree	Kavya
2.	U03CJ2150074	Ashlesh. S	Ashlesh
3.	U03CJ2150049	A. Nagashesha	A. Nagashesha
4.	U03CJ2150041	Gunjan Jain	Gunjan
5.	U03CJ2150017	Lakshmi. D	Lakshmi. D
6.	U03CJ2150076	Monika. P	Monika
7.	U03CJ2150058	Sanjana. H.K	Sanjana.H.K
8.	U03CJ2180068	chetan A.C	chetan
9.	U03CJ2180046	Ugha. P	Ugha
10.	U03CJ2180063	Muneesh. T	Muneesh
11.	U03CJ2180026	Chethan Kumar	Chethan
12.	U03CJ2180027	vestal P Gauda	vestal
13.	U03CJ2150052	Tharun. G.S	Tharun
14.	U03CJ2180044	Seshu Sai	Seshu
15.	U03CJ2150077	Chaitanya. S	Chaitanya
16.	U03CJ2150059	V. Gautam Achar	Gautam
17.	U03CJ2150073	Meghana. J. Yadav	Meghana
18.	U03CJ2150064	Mithun	Mithun
19.	U03CJ2150035 Shashank. H	Nithin	Nithin
19.	U03CJ2150039 Shashank. H	Shashank. H	Shashank
20.	U03CJ2150043	Shykhana	Shykhana
21.	U03CJ2150062	Rohan. R	Rohan

