

**DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE**

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

**Internal Quality Assurance Cell (IQAC) Cell****Guest Lecture on Theory of Computation**

Department: MCA

Date: 14<sup>th</sup> May 2024

Sl. No.	Particulars	Event related Details			
1.	Event*	Guest Lecture			
2.	Title of the Event	Automata Theory			
3.	Date	14 <sup>th</sup> May 2024			
4.	Time	11.00 AM to 12.00 AM			
5.	Venue	Building No. 17, Room No 202, DSI Campus			
6.	Resource Person 1 Details (Profile to be enclosed)	Name: Prof. Beena N Organisation: Vijaya College Designation: Assistant Professor Area of Expertise: Natural Language Processing, Automata Theory, Design and Analysis of Algorithms			
7.	Topics Covered	Finite Automata, Regular Expressions, Grammar			
8.	Resource Person 2 Details (Profile to be enclosed)	Nil			
9.	Topics Covered	NA			
10.	No. Faculty Participants	Internal:	01	External:	NIL
11.	No. Student Participants	Internal:		External:	NIL
12.	Faculty Coordinator/s	Name : Prof. Hemanth Uppala Designation : Vice-Principal Name : Dr. Kumudavalli Designation : Professor & Deputy Director Department: Department of Computer Applications, DSCASC Full Name: Prof. T. KohilaKanagalakshmi Designation: Assistant Professor Department: Department of Computer Applications, DSCASC			

13.	Student Coordinator/s	Full Name: Rudraksh Khatri Subbannavar Register No: P03C7235126085 Course, Semester & Section: MCA,1 <sup>st</sup> SEM
14.	Total Expenditure (Details to be enclosed)	3000
15.	Sponsors and Amount (if any)	NA
16.	Agenda of the Event (Attach a copy)	Attached
17.	Provide the link of the report uploaded on College Website	
18.	Provide the links of the report uploaded on Social Media	
19.	Report sent to Newspapers? If yes, provide cuttings/images:	NA
20.	Certificates Printed? (Attach a copy**)	NA
21.	Feedback Collected? (Attach a copy**)	Yes
22.	Attendance Sheet Attached? #	Yes
23.	Summary of the Event (Around 100 words)	Department of Computer Applications (MCA), DSCASC organized a Guest Lecture on Theory of Computation on 14 May 2024.  Automata are used as finite representations of formal languages. Automata are often classified by the class of formal languages they can recognize, as in the Chomsky hierarchy, which describes a nesting relationship between major classes of automata. Automata play a major role in compiler construction, artificial intelligence, parsing and formal verification. The speaker explained types of grammar and types of automata. Finally the session concluded with clearing students doubts.
24.	Photographs of the Event	Attached

  
Event Coordinator

  
Deputy Director

  
IQAC Coordinator

  
Vice Principal

  
Principal



# DAYANANAD SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Benagluru-78

**Department of Master of Computer Applications - MCA (BU)**

## **Guest Lecture on Theory of Computation**

### **Resource Person**



**Prof. Beena N  
Assistant Professor  
Vijaya College**

**Date : 14:05 2024**

**Time : 11:00 AM to 12:00 AM**

**Venue : Room No 202,  
Building No 17,  
DSCASC**

**DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE**

**Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082**

**Internal Quality Assurance Cell (IQAC) Cell**

**Guest Lecture on Theory of Computation**

**Department: MCA**

**Date: 14<sup>th</sup> May 2024**

### **Program Schedule**

- |                                |                 |
|--------------------------------|-----------------|
| <b>1. Welcome Speech</b>       | <b>11.00 AM</b> |
| <b>2. Speaker Introduction</b> | <b>11.05 AM</b> |
| <b>3. Technical Talk</b>       | <b>11.10 AM</b> |
| <b>4. Q&amp;A Session</b>      | <b>11.50 AM</b> |
| <b>5. Vote of Thanks</b>       | <b>11.55 AM</b> |

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 Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082  
**Internal Quality Assurance Cell (IQAC) Cell**

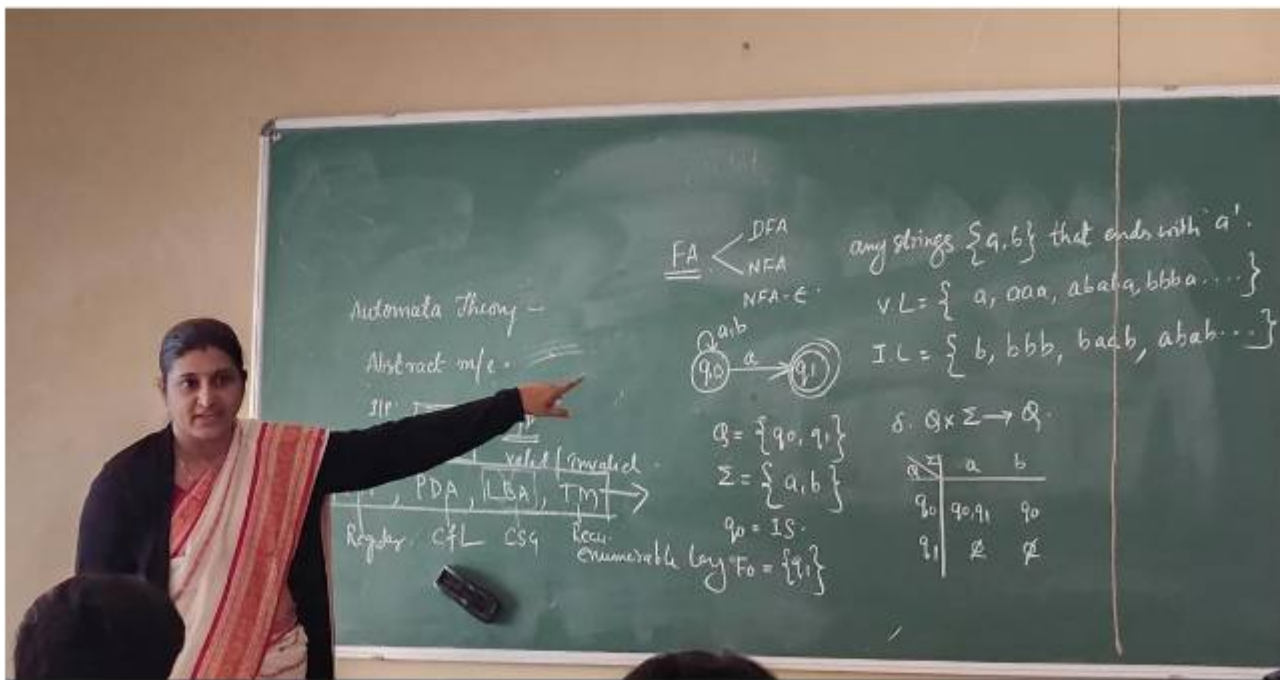
**Guest Lecture on Theory of Computation**

Department: MCA

Date: 14<sup>th</sup> May 2024



1. Prof. Kohila Introducing the Speaker



2. Speaker explaining the concept



3. Speaker Interacting with students



4. Speaker clearing the doubts

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE & COMMERCE

DEPARTMENT OF COMPUTER APPLICATIONS -MCA

TOPIC: GUEST LECTURE ON THEORY OF COMPUTATION

DATE: 14.05.2024

SL.No	Reg No	Name	Signature
1	P03CJ23S126073	Rahima	
2	P03CJ23S126093	Shalini. S.K	
3	P03CJ23S126104	Swati Satyendra Baadkar	
4	P03CJ23S126066	Pallavi. A	
5	P03CJ23S126092	SARASWATHI. D	
6	P03CJ23S1260116	NEHA. M	
7	P03CJ23S126063	Neethu. A. R. S	
8	P03CJ23S126080	Rakshitha. BT	
9	P03CJ23S126113	Yamuna CB	
10	P03CJ23S126086	Sadhana Subbannavar.	
11	P03CJ23S126064	Nikhita. M. Chalageri	
12	P03CJ23S126070	Pooja M. Hegde.	
13	P03CJ23S126102	Supriya. K	
14	P03CJ23S126098	Sindhu H.K.	
15	P03CJ23S126101	Sukanya. Y	
16	P03CJ23S126069	Nithya Shree. J	
17	P03CJ23S126108	Vaishnavi. S	
18	P03CJ23S126083	ROHAN. H. K	
19	P03CJ23S126099	Skanda Bharadwaj. M. R	
20	P03CJ23S126112	Vijay Kumar	
21	P03CJ23S126077	Rakesh Mutnal	
22	P03CJ23S126072	R M Anusha	
23	P03CJ23S126081	Rakshitha. C. V	
24	P03CJ23S126076	Rakesh. R	
25	P03CJ23S126100	Suhas	
26	P03CJ23S126090	Sanjay Kumar B.G	
27	P03CJ23S126110	Yamuna Kishana	
28	P03CJ23S126114	Yashas. S	
29	P03CJ23S126105	Sundra K. S	

Reg No	Name	Signature
	Sangay J.G	
31	P03CJ235126088 Sandeep.B	
32	P03CJ235126071 Prajwal.H.N	
33	P03CJ235126079 Takshith G.H	
34	P03CJ235126115 D.Santhosh	
35	P03CJ235126067 pinjan peer basha	
36	P03CJ235126111 Varun Kumar JK	
37	P03CJ235126106 Syed Suhail Pasha	
38	P03CJ235126105 Syed Kaif Ahmed	
39	P03CJ235126065 Pakeerappa.G	
40	P03CJ235126095 Shashank C.	
41	P03CJ235126097 Shaikant H	
42	P03CJ235126117 Venug.S	
43	P03CJ235126062 Nagaraj.K	
44	P03CJ235126074 Rohan Kumar	
45	P03CJ235126018 Sushil Gupta	
46	P03CJ235126076 Rajarshi Datta	
47	P03CJ235126094 Shamshu K. Pal	
48	P03CJ235126096 Shivam Raj	
49	P03CJ235126091 Santu Porey	
50	P03CJ235126087 Sagar	
51	P03CJ235126085 Rudraksh	
52	P03CJ235126107 Tanmay Bhargava	
53	P03CJ235126084 Reelish R. Desai	
54	P03CJ235126061 Navan Sharma	
55	P03CJ235126082 Pavnak	
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