

# DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

Internal Quality Assurance Cell (IQAC) Cell

Guest Lecture – "Unlocking Computer Architecture: concepts, real-world applications & career pathways."

Department: BCA

Date:04/09/2024

Sl. No.	Particulars	Event related Details			
1.	Event*	Guest Lecture			
2.	Title of the Event	"Unlocking Computer Architecture: concepts, real-world applications & career pathways".			
3.	Date	04/09/2024			
4.	Time	11.00 am to 12.45pm			
5.	Venue	Seminar Hall, Department of BCA, Building No..17			
6.	Resource Person 1 Details** (Profile to be enclosed)	Ms. Kanchan S			
7.	Topics Covered	Number system, Binary numbers, Encryption & Decryption of data, 8085 microprocessor & career oriented.			
8.	Resource Person 2 Details** (Profile to be enclosed)	NA			
9.	Topics Covered	NA			
10.	No. of Faculty Participants	Internal:	06	External:	NA
11.	No. of Student Participants	Internal:	98	External:	NA
12.	Faculty Coordinator/s	Name : Prof. Rudreshwari G Designation: Assistant Professor Department: Department of Computer Applications- BCA, DSCASC Name : Prof. Samudyatha D S Designation: Assistant Professor Department: Department of Computer Applications- BCA, DSCASC			
13.	Student Coordinator/s	1.Full Name : Miss Srinithya Course, Semester & Section: BCA, V[B] 2.Full Name : Mr. Sukruth Course, Semester & Section: BCA, V[B]			
14.	Total Expenditure (Details to be enclosed)	NA			
15.	Sponsors and Amount (if any)	Rs 3000/-			
16.	Program Schedule of the Event attached?	Yes			
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? (Enclose a copy***)	NA
21.	Feedback Collected? (Enclose a copy***)	NA
22.	Attendance Sheet Attached?*	YES
23.	Summary of the Event (Minimum 100 words)	The seminar on "Computer Architecture and its real-world Applications" was organized with the aim of providing the insights-Overview of Computer Architecture and the foundation to the future career. The event aimed to bridge the gap between the integration of hardware, software, and its functionality. The Speaker elucidated on the architecture of 8085, internal structure of computer, number systems, encryption and decryption concepts, flip-flops additional too few major topics in the microprocessor were explored. Students' interaction with the speaker was worthy by clarifying their doubts, sharing the perspectives of individuals on the unlocking concepts of computer architecture and microprocessor relating to real-world applications. The seminar proved to be a valuable learning experience for students interested in pursuing careers in computer architecture and its real-world applications.
24.	Photographs of the Event	Attached

*Sanni S*  
Event Coordinator

*Atul Kumar*  
HOD

*A. Prasad*  
IQAC Coordinator

*W. S. S.*  
Vice-Principal

*Balu S*  
Principal

IQAC Co-ordinator  
Jayananda Sagar College of Arts,  
Science & Commerce  
Kumara my Layout, Bengaluru - 560 111.

Principal  
Dayananda Sagar College of Art  
Science & Commerce  
Kumaraswamy Layout, Bengaluru - 560 111



# DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

Internal Quality Assurance Cell (IQAC) Cell

Centre of Excellence – Computer Architecture

Seminar- “Unlocking Computer Architecture: concepts, real-world applications & career pathways”

Department: BCA

Date: 04/09/2024

Photos:



Photo1: Introduction of the Speaker given by the student coordinator Ms. Srinithya.



Photo 2: Explanation of microprocessor 8085 by the resource person- Ms. Kanchan.



Photo 3: Students participation in the seminar- Computer Architecture

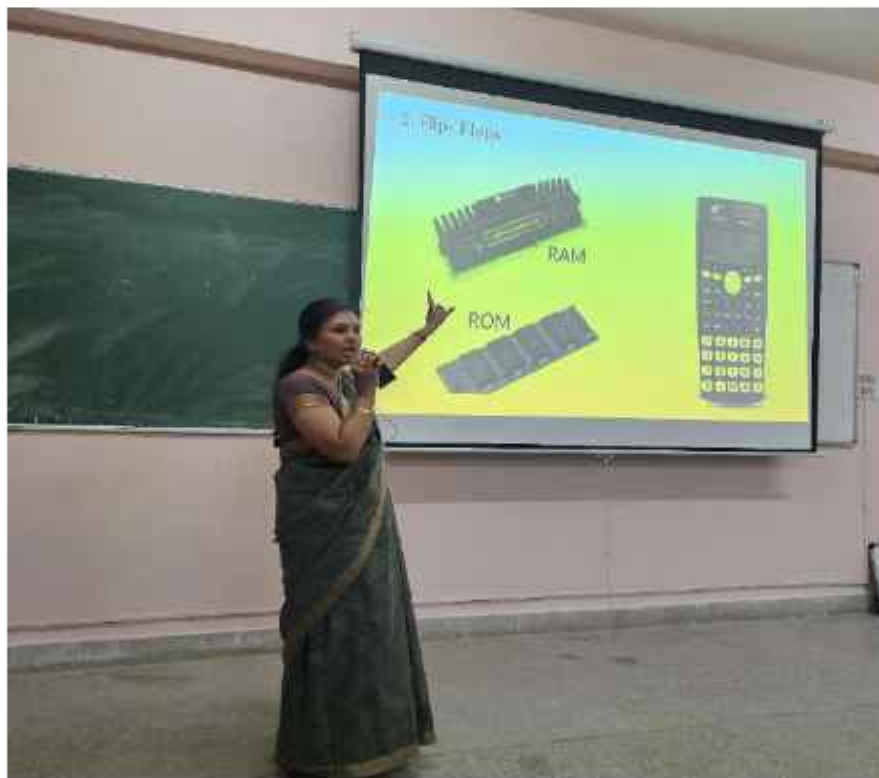


Photo 4: explanation of flip- flops usage in the real-world applications.



Photo 5: student interactions & query discussion at the end of session.

## Guest Lecture

Topic: Unlocking Computer Architecture: Concepts, Real-World Applications, &amp; Career Pathways

DATE:04.09.2024

Time: 11:00 AM

SL.No	Reg No	Name	Signature
1	66	Dhanush kiran . n	
2	135	Suryadev P.M	
3	86	Mohammed Lalal	
4	71	Hannah. C	
5	111	NEERAJ. R	
6	157	Yuvasa S.R	
7	159	Nitish choudhary	
8	83	Mohammad Rizwan	
9	156	YATHEESH. L M	
10	116	Ritesh Ranjan	
11	132	Arjun	
12	155	Yatharth Ambastha	
13	152	vishal.S	
14	90	Mohammed Toosif	
15	87	Mohammed Rayan Ushaid	
16	84	Mohammed Aayan	
17	131	Sumukha, S. Bhat	
18	88	MOHAMMED SUHAIL	
19	56	Ayaz Mukhtase	
20	114	RISHAV KANOURIA	
21	145	Umar Baqar	
22	85	Mohammed Feroz	
23	41	A.S. AAKHSHAY RAGAN!	
24	74	Jeevan Jais HIK	
25	124	Sai Simba.	
26	128	Rohith. H.	
27	129	Rohith.	

SL.No	Reg No	Name	Signature
28	68	Dhanva giri	Dhanva
29	145	vedanth	vedu
30	127	shashank.N	SLF.
31	108	Punith-J	Pun
32	73	Jeevan.J	Jee
33	<del>109</del> 151	Vikram kumar.A	Vikram kumar
34	59	Bhoomika.N	Bhoomika.N
35	<del>99</del> 99	NITHEESHA.D	NIT
36	122	S.M.CHARMI	S.M.Charmi
37	150	Vijaya Shiyani	Vijaya Shiyani
38	110	PURAV P REDDY	Purav
39	89	Mohammed TIPPUSULTAN	Tippusultan
40	48	Alok Kumar.R	<del>Alok</del>
41	91	Mohan Mahesh Gowda	Moh
42	153	Yashasvi.K	Yash
43	57	Bhargavi.N	B.N
44	45	Aishwarya.L	Aishwarya.L
45	92	Monika.U	monika
46	036	SUSHEN.S	Sush
47	104	Pranav. Athreya .G.R	Pranav
48	70	Gayatri Pujari P	Gayatri
49	75	K. Nithil Kumar Reddy	Nithil
50	69	Chakravarthy.M	Chakr
51	55	Ashwin Raj.A	Ashwin Raj.A
52	103	PoornaPragna.G.K	Poorna
53	101	Pavan. B	Pavan.B
54	146	UMMA. ASHUTOSH	Umma
55	138	Sushmita Tharu	Sushmita Tharu
56	113	Rishi	Rishi
57	144	Vaibhav	Vaibhav
58		Purky. R.E	Purky
59	50	Aranya.M.Y	Aranya
60	51	Krupa K	Krupa
61	137	Sushmita.E	Sushmita.E

Sl. No	Reg No	Name	Signature
72	130	Dimple	Dimple
73	58	Bhoomika . M	Bhoomika . M
74	98	Namitha . R . H	Namitha . R . H
75	48	Ashika . K	Ashika . K
76	42	Dalija Kishan	Dalija
77	101	Purbhaya . K	Purbhaya
78	91	MRODHULA . M . V	MRODHULA . M . V
79	142	Thomas	Thomas
80	80	Likith . R	Likith . R
81	42	Tarvan . D	Tarvan . D
82	148	Krishna Prakash	Krishna
83	44	Adalya Srinivas . P . S	Adalya
84	97	N . Sujith	N . Sujith
85	61	Bhuvan . H . P	Bhuvan
86	126	Shashank M . S	Shashank M . S
87	141	Tejashwini . V	Tejashwini . V
88	158	Yuvashree . Y	Yuvashree . Y
89	101	Poojanka Singh	Poojanka Singh
90	139	T . Nassreen Taj	T . Nassreen Taj
91	93	MONISHA . S	monisha . S
92	54	Anushree . N	Anushree
93	76	Kavara . S	Kavara
94	144	Tulasi . R	Tulasi
95	51	Anjali Kumari . M	Anjali . M
96	52	Anjali Nitaji Salunke	Anjali N
97	60	Bhoomika U . J . P . N	Bhumi
98	77	*Kulbana B . K	Kulbana B . K
99	79	Lakshmi . R	Lakshmi . R
100	62	chandana . K	chandana . K
101	123	S . P . Dhakshatha shree	Dhaksh
102	143	Teisha . R	Teisha
103	129	Sitisha . N	Sitisha
104	102	Pavithra . K	Pavithra . K
105	63	Dalija Tahreem	dalija





SL.No	Reg No	Name	Signature
96	49		
97	100	AMRUTHA G.P.	Amrutha
98	46	MEGHANA	Meghana
99		Aishwarya - N.V	Aishwarya . N V
100			
101			
102			
103			
104			
105			
106			
107			
108			
109			
110			
111			
112			
113			
114			
115			
116			
117			
118			
119			
120			



Name: Bhoomika . n  
Sem: I<sup>st</sup> 'A' BCA  
Reg no: U03CS245059  
Date: 04/09/2024  
CA Seminar

### Feedback

We got a brief knowledge about our CA syllabus. We also got a clear cut idea of what other job opportunities which we can pursue in our futures. It was quite useful and informative.

Bhoomika . n

Name: Vijaya Suiyani  
Sem: I<sup>st</sup> 'B' BCA  
Reg no: U03CJ2450150  
Date: 04/09/2024  
CA Seminar

### Feedback

The topics covered by mam were useful and she gave us a brief explanation about our CA syllabus. The career options which were based on the modern generation which are given high privileges.

Vijaya Suiyani