

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

Internal Quality Assurance Cell (IQAC) Cell

Guest Lecture on

"Algorithms – An Overview"

Department: BCA

Date: 09-05-2024

Sl. No.	Particulars	Event related Details			
1.	Event*	Guest Lecture			
2.	Title of the Event	Algorithms – An Overview			
3.	Date	09-05-2024			
4.	Time	11.00 PM to 12.30 PM			
5.	Venue	Department of computer applications – Room no 205			
6.	Resource Person 1 Details	Prof. Bhaskar H S Assistant Professor Maharani Cluster University			
7.	Topics Covered	Algorithm, Types of Problems, Problem Analysis, Applications, Space and Time trade-off			
8.	Resource Person 2 Details	NA			
9.	Topics Covered	NA			
10.	No. Faculty Participants	Internal:	01	External:	
11.	No. Student Participants	Internal:	44	External:	
12.	Faculty Coordinator/s	Name : Prof.Hemanth Uppala Designation : Vice Principal Department : DSCASC Name : Dr. Aruna Devi C Designation : Associate Professor & HOD -BCA Department: Department of Computer Applications, DSCASC Full Name: Prof. T. Kohila Kanagalakshmi Designation: Assistant Professor Department: Department of Computer Applications, DSCASC			
13.	Student Coordinator/s	Full Name: Hitesh H S Regno: U03C122S0033 Course, Semester & Section: BCA IV Sem			

No.	Particulars	Event related Details
14.	Total Expenditure	3,000
15.	Sponsors and Amount (if any)	NA
16.	Program Schedules of the event Attached?	Yes
17.	Report uploaded on college website ?	
18.	Report sent to media? If yes, give details:	NO
19.	Report uploaded in Social Media?	NA
20.	Certificates Printed?	NA
21.	Feedback Collected?	NA
22.	Attendance Sheet Attached? #	Yes
23.	Summary of the Event	Department of Computer Applications (BU), DSCASC organized a guest lecture on the topic " Algorithms - An Overview". Algorithms serve as foundational tools in computer science, offering systematic methods for solving problems and executing tasks. They provide step-by-step instructions that guide computations, data processing, and decision-making processes. In essence, algorithms encapsulate logic, defining sequences of operations to achieve specific objectives efficiently. They underpin diverse applications, from basic arithmetic calculations to complex machine learning models. Effective algorithms prioritize optimization, aiming to minimize resource consumption such as time and memory while maximizing performance. Their significance extends beyond computer science, influencing fields like engineering, economics, and biology. The Speaker explained the importance of algorithms in various fields and explained the optimisation techniques. It was an interactive session.
24.	Photographs of the Event	Attached


Event Coordinator


HOD-BCA


IQAC Coordinator


Vice Principal


Principal

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1. Speaker explains the concept



2. Students interacting with the speaker



3. Speaker explains the concept of “Problem Analysis”



4. Speaker explains Problem Types



DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE & COMMERCE
DEPARTMENT OF COMPUTER APPLICATIONS - BCA

TOPIC: ALGORITHMS - AN OVERVIEW

Guest Lecture

DATE: 09.05.2024

SL.No	Reg No	Name	Signature
1	U03CJ22S0031	Hemu.L	
2	U03CJ22S0012	Anush H	
3	U03CJ22S0042	Lekhashree	
4	U03CJ22S0051	Mehraj shariff	
5	U03CJ22S0155	Bhavana.B	
6	U03CJ22S0156	A.Devi shalini	
7	U03CJ22S0011	Adarsh Kumar	
8	U03CJ22S0039	Keerthama.M	
9	U03CJ22S0040	Keerthama.M	
10	U03CJ22S0041	Keerthama.R	
11	U03CJ22S0030	Harshitha.S	
12	U03CJ22S0009	Ashwini.M	
13	U03CJ22S0017	Bindu.B	
14	U03CJ22S0029	Hemapriya.D	
15	U03CJ22S0032	Harshitha.S	
16	U03CJ22S0001	Neethu.K.P	
17	U03CJ22S0047	Madhusree.R	
18	U03CJ22S0020	Chaitree K.R	
19	U03CJ22S0026	Jeewan N	
20	U03CJ22S0053	Medipalli Anirudh	
21	U03CJ22S0016	Awey pasha	
22	U03CJ22S0054	N.S.Vishal Gonda	
23	U03CJ22S0050	Mohammed Usman	
24	U03CJ22S0049	M.D MASI UJA KHAN	
25	U03CJ22S0033	Hitesh.M.S.	
26	U03CJ22S0004	Abhishek Kumar	
27	U03CJ22S0046	Muhammad Mezeen K.P	
28	U03CJ22S0015	Bhuvana.A	
29	U03CJ22S0028	Gowtham.M.S	

Sl. No	Reg No	Name	Signature
30	U03CJ22S0052	Karthikraj	
31	U03CJ22S0014	Muhammad Suhair	Ganesh duni
32	U03CJ22S0006	Aadhikh	Aadhikh
33	U03CJ22S0024	Gunavathi M	Gunavathi
34	U03CJ22S0022	Chelkravathi C	Chelkravathi C
35	U03CJ22S0044	MADANN	Madann
36	U03CJ22S0027	GUNJANRAJ	
37	U03CJ22S0003	Amit	Amit
38	U03CJ22S0 ⁰³⁸ 038	Kumar. S.	Kumar. S.
39	U03CJ22S0 ⁰⁴⁵ 045	Mouika	Mouika
40	U03CJ22S0005	Aimnikh	Aimnikh
41	U03CJ22S0060	Nandan Pranapati	Nandan Pranapati
42	U03CJ22S0034	Abhay Chengappa	Abhay Chengappa
43	U03CJ22S0035	Ibrahim. Hakimji	Ibrahim. Hakimji
44	U03CJ22S0025	Akash G	Akash G
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