



Dayananda Sagar College of Arts, Science, and Commerce

Internal Quality Assurance Cell

Department of Computer Applications – BCA

Guest Lecture on “Competitive Programming and Interview Oriented Algorithms”

Department: BCA

Date of Report: 18/09/2025

Sl. No.	Particulars	Event related Details		
1.	Event	Guest Lecture		
2.	Title of the Event	Guest Lecture on “Competitive Programming and Interview Oriented Algorithms”		
3.	Date of Conduction	18/09/2025	4.	Time: 10 AM to 12 PM
5.	Venue	Building No. 17, Seminar Hall		
6.	Resource Person I Details	Mr. Ravi Kumar Chinnaswamy Director, Influencer Lab		
7.	Topics Covered	Problem Solving Techniques, Types of problems, Greedy, Backtracking, Dynamic programming, Graph Algorithms in Interviews		
8.	Resource Person 2 Details	-		
9.	Topics Covered	-		
10.	No. Faculty Participants	Internal:	02	External:
11.	No. Student Participants	Internal:	111	External:
12.	Faculty Coordinator/s	Prof. T. Kohila Kanagalakshmi Asst. Professor, Department of Computer Applications, DSCASC Prof. Shaik Shavez Ahmed Asst. Professor, Department of Computer Applications, DSCASC		
13.	Student Coordinator/s	Tushar Sanjay Chavan (Reg No. U03CJ25S0106) Skanda C (Reg No. U03CJ25S0088)		
14.	Total Expenditure	Rs. 5000/-	15.	Sponsors and Amount
16.	Agenda of the Event	Attached	17.	Provide the link of the report uploaded on College Website
18.	Social Media Links		19.	Report sent to Newspapers? If yes, provide cuttings/images:
20.	Certificates Printed?		21.	Feedback Collected?
22.	Attendance Sheet Attached?	Attached	23.	Photographs of the Event
24.	Summary of the Event	The Department of BCA, DSCASC organized a Guest Lecture titled “Competitive Programming and Interview Oriented Algorithms” on 18/09/2025. The guest lecture on “Competitive Programming and Interview Oriented Algorithms” covered key concepts like time complexity, dynamic programming, greedy methods, and graph algorithms. It emphasized real-time problem-solving and strategic thinking. The session was insightful, helping students enhance their coding skills for contests and technical interviews.		



[Signature]
Event Coordinator

[Signature]
HOD-BCA

[Signature]
Dayananda Sagar College of Arts, Science, and Commerce
Kumar QAC Coordinator

[Signature]
Principal



DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE & COMMERCE

Internal Quality Assurance Cell (IQAC)

DEPARTMENT OF COMPUTER APPLICATIONS-BCA

Guest Lecture

On

Competitive Programming And Interview Oriented Algorithms



Speaker

Mr. Ravi Kumar Chinnaswamy
Director, Influencer Lab



18th Sep 2025



10.00 AM - 12.00 PM



Seminar Hall,
Building No. 17, DSCASC

Event Coordinator

HOD – BCA

Vice-Principal

Principal

www.dscasc.edu.in



Dayananda Sagar College of Arts, Science, and Commerce
Internal Quality Assurance Cell
Department of Computer Applications – BCA
Guest Lecture on “Competitive Programming and Interview Oriented Algorithms”

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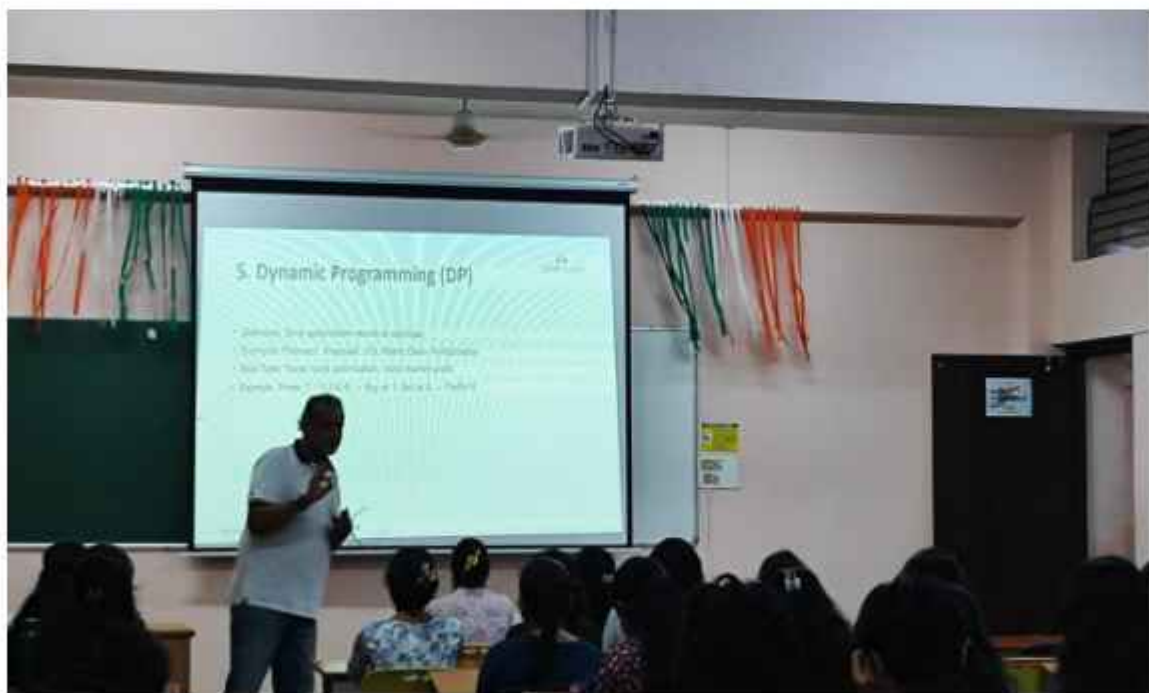
1. Introduction



2. Participants



3. Greedy Algorithm



4. Dynamic Programming



DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Kumara Swamy Layout, Bangalore - 560 111
(Affiliated to Bangalore University, Approved by AICTE, NAAC Accredited)

Name of the Activity: Guest Lecture "Competative Programming And Interview Oriented Algorithms"

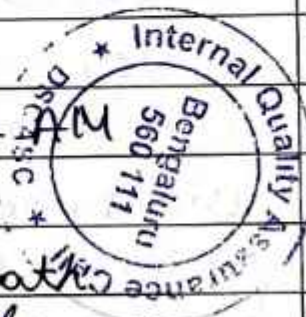
Name of the Department: Department of Computer Applications - BCA

Date: 18.09.2025

Course: I Semester BCA

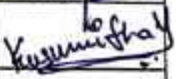
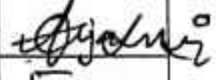
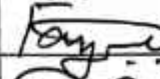
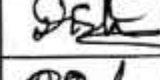
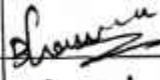
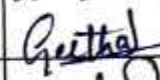
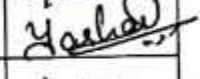
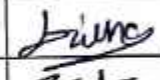
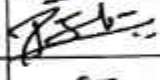
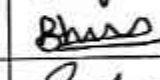
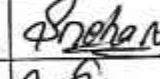
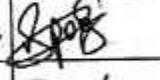
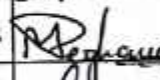
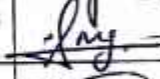
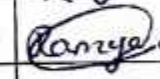
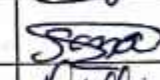
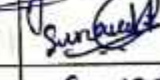
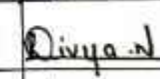
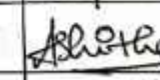
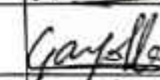
Time: 10:00 AM to 12:00 PM

SL.No.	Reg. No.	Student Name	Signature
01	U03CJ25S0040	Harish D	
02	U03CJ25S0027	Chinmay	
03	U03CJ25S0049	Koushik B S	
04	U03CJ25S0059	Mohan S	
05	U03CJ25S0055	Manish S Gowda	
06	U03CJ25S0095	Sri Rakshith S	
07	U03CJ25S0024	Charan N	
08	U03CJ25S0053	M. Pruthvi	
09	U03CJ25S0050	Kunal Jona	
10	U03CJ25S0086	Subham	
11	U03CJ25S0092	Souhardh	
12	U03CJ25S0096	Shreyasha	
13	U03CJ25S0114	Minay R	
14	U03CJ25S0111	Vedant H	
15	U03CJ25S0104	Tanish R	
16	U03CJ25S0085	Shivan Debnath	
17	U03CJ25S0064	P. Rohit Patil	
18	U03CJ25S0083	Sathvic P. Acharya	
19	U03CJ25S0109	Varun Kumar D R	
20	U03CJ25S0081	Samath Subramanya S	
21	U03CJ25S0009	amay Ashok Kurdekar	



SL.No.	Reg.No.	Student Name	Slg
22	U03CJ25S0038	Guruprasad. S	Guruprasad
23	U03CJ25S0074	Rishabh. R. Siddapur	Rishabh
24	U03CJ25S0115	Yashas. K	Yashas
25	U03CJ25S0023	Chandrasekhar. RK	Chandrasekhar
26	U03CJ25S0048	Parasanna. Kumar. K	Parasanna
27	U03CJ25S0078	AKASH. S	AKASH
28	U03CJ25S0118	Yathish. S	Yathish
29	U03CJ25S0070	Dinesh. Rao. R	Dinesh
30	U03CJ25S0112	Vedanth. V. A	Vedanth
31	U03CJ25S0025	Charan. S	Charan
32	U03CJ25S0060	Naga Shreesky. K. S	Naga Shreesky
33	U03CJ25S0047	Tushin John Samuel	Tushin John Samuel
34	U03CJ25S0043	Indira nandana	Indira nandana
35	U03CJ25S0058	M.D Rehman Khan	M.D Rehman Khan
36	U03CJ25S0079	SAAD Ahmed Khan	SAAD Ahmed Khan
37	U03CJ25S0103	Syed huzefa ahmed Surai	Syed huzefa ahmed Surai
38	U03CJ25S0101	SURAJ YADAV	SURAJ YADAV
39	U03CJ25S0117	Yashavant. K	Yashavant. K
40	U03CJ25S0071	R. S. Gowtham. Reddy.	R. S. Gowtham. Reddy.
41	U03CJ25S0077	Rohith. S	Rohith. S
42	U03CJ25S0097	SOHAS. S	SOHAS. S
43	U03CJ25S0054	J. JAI SHAN KARTI	J. JAI SHAN KARTI
44	U03CJ25S0065	Pavan. G	Pavan. G
45	U03CJ25S0041	Himanshu. P. oja	Himanshu. P. oja
46	U03CJ25S0069	Prutham. K	Prutham. K
47	U03CJ25S0120	Yuvraj Singh	Yuvraj Singh
48	U03CJ25S0090	Soha Ahmed	Soha Ahmed
49	U03CJ25S0088	Skanda. C	Skanda. C



SL.No.	Reg.No.	Student Name	Signature
50	V03CJ25S0106	Jushar Chavan	
51	V03CJ25S0051	Kusumitha.V	
52	V03CJ25S0016	Bahulya Raj.B.M	
53	V03CJ25S0041	Anjali Kumari	
54	V03CJ25S0032	Farzeen.S.Choudhary	
55	V03CJ25S0029	Devananda G	
56	V03CJ25S0021	Disha	
57	V03CJ25S0019	Bindu	
58	V03CJ25S0017	Bhavana M.V	
59	V03CJ25S0036	Geethanjali.K	
60	V03CJ25S0116	Yashaswini	
61	V03CJ25S0105	Thirisha.s.p	
62	V03CJ25S0068	Pravalika.B.M	
63	V03CJ25S0099	Luma.C.Denagiri	
64	V03CJ25S0018	Bhoomika Ganesha	
65	V03CJ25S0089	Sneha.N	
66	V03CJ25S0093	Speerthi.H.V	
67	V03CJ25S0056	Meghana.K	
68	V03CJ25S0080	Rahana.M.G	
69	V03CJ25S0072	Ramya.B.	
70	V03CJ25S0091	Sona.R.S	
71	V03CJ25S0119	Yuktha.M	
72	V03CJ25S0100	Gumana M.P	
73	V03CJ25S0073	Ramya M.P	
74	V03CJ25S0030	Divya.N	
75	V03CJ25S0015	Ashwini.K	
76	V03CJ25S0035	Gargi.R.S	
77	V03CJ25S0045	Jeetha.R.S	

SL.No.	Reg.No.	Student Name	Sign
78	U03CJ25S0108	Varshitha.CS	Varshitha
79	U03CJ25S0113	Vedika.N	Vedika N
80	U03CJ25S0107	Usha.S	Usha
81	U03CJ25S0110	Varanthha.K.S	Varanthha K.S
82	U03CJ25S0066	POORVI.H.M	Poorvi
83	U03CJ25S0094	Spooorti.R.S	Spooorti
84	U03CJ25S0020	Biraj	Biraj
85	U03CJ25S0026	Chethan M	Chethan
86	U03CJ25S0044	Jeevan Raj B	Jeevan
87	U03CJ25S0037	Gowtham;	Gowtham
88	U03CJ25S0031	Durgaspoorthy.P	Durgaspoorthy
89	U03CJ25S0039	Hamsika.B.H	Hamsika
90	U03CJ25S0022	Chandana.S	Chandana
91	U03CJ25S0013	Ankitha th .P	Ankitha
92	U03CJ25S0008	AKshaya.H	AKshaya
93	U03CJ25S0012	Ankitha.L	Ankitha
94	U03CJ25S0062	Nireetha.M.S	Nireetha
95	U03CJ25S0082	Sanjana.B.N	Sanjana
96	U03CJ25S0026	Devadath.P	Devadath
97	U03CJ25S0102	Swastik Kanu	Swastik
98	U03CJ25S0075	RIZIL JAPREL	Rizil
99	U03CJ25S0010	Amit.R	Amit
100	U03CJ25S0034	Akshat.C	Akshat
101	U03CJ25S0076	ROLIT.S	ROLIT
102	U03CJ25S0067	Prethik.K Shetty	Prethik
103	U03CJ25S0007	Ajay.SM	Ajay

Event Coordinator Name: T.Kohila Shahid Shavez Ahmed
 Signature: [Signature] [Signature]

The lecture really clarified many difficult concepts, including different types of problems such as greedy algorithms, dynamic programming and graph techniques. The examples explained in the seminar made it easier to apply these ideas to real problems. I feel more confident tackling competitive programming questions and coding interviews now. The session was well-paced and very motivating for improving my skills.

- Preetham.k
[U03CJ2SS0069]
preetham.k

The guest lecture was very helpful and informative. I gained a deeper understanding of important topics like time complexity and dynamic programming. The real time Problem Solving approach was especially useful.



- Yuvraj Singh
[U03CJ2SS0120]
Yuvraj Singh