Dayananda Sagar College of Arts, Science, and Commerce
Internal Quality Assurance Cell
Seminar on "Application of Mathematics in Data Science"

Department: BCA **Date of Report: 13-10-2026**

Sl. No.	Particulars	Event related Details			
1.	Event	Seminar			
2.	Title of the Event	Application of Mathematics in Data Science		Aligned SDG Goal(s)	4
3.	Date of Conduction	13-10-2026	4.	Time :	11.00AM-1.00PM
5.	Venue	Room Number :Seminar Hall, Ground Floor , Building No 17, DSCASC			
6.	Resource Person 1 Details	Name : Dr. Indumathi R S Designation: Associate Professor		Organization: Maharaja Institute of Technology, Mysore Specialization: Mathematics	
7.	Topics Covered	• Introduction • Prehistoric Mathematics • Arabic Numerals , Vedic Contributions • Ramanujan Magic Square • Kaprekar's Constant , • Probability and Statistics Real Applications • Face Recognition Project and Soon			
8.	Resource Person 2 Details	Name: NIL Designation: Mobile No:		Organization: Specialization: Email ID:	
9.	Topics Covered	NIL			
10.	No. Faculty Participants	Internal:	01	External:	NIL
11.	No. Student Participants	Internal:	122	External:	NIL
12.	Faculty Coordinator/s	Name :Prof. Ranjini K S Designation: Assistant Professor Department: Department of Computer Applications - BCA, DSCASC			
13.	Student Coordinator/s	Full Name: Priyanka Singh , Leeja Rani Saho, Tushar Sanjay Chavan (U03CJ24S0041) ,(U03CJ24S0106) Class: I Sem , III Sem V Sem BCA			
14.	Total Expenditure	3000/-	15	Sponsors and Amount (if any)	NA
16.	Agenda of the Event	-	17.	Provide the link of the report uploaded on College Website	No
18.	Social Media Links	----	19.	Report sent to Newspapers? If yes, provide cuttings/images:	No
20.	Certificates Printed?	NO	21.	Feedback Collected?	Yes
22.	Attendance Sheet Attached?*	Yes	23	Photographs of the Event	Attached
24.	Summary of the Event	The Department of BCA organized a seminar on "Application of Mathematics in Data Science" for I Semester BCA and B.Sc. students on 13th October 2026. The main objective was to explain the importance of mathematics in data science and its practical applications. The session covered the early development of mathematics, Arabic numerals, Vedic contributions, Ramanujan's Magic Square, and Kaprekar's Constant. Students also learned about the real-life applications of probability, statistics, and face recognition technology. The seminar encouraged active learning through student interaction and a questionnaire. Students showed good participation and enthusiasm, gaining a better understanding of how mathematical concepts support modern technology and data-driven applications.			

Internal Quality Assurance Cell Bengaluru 560 111 DSCASC

Ranjini 22/10/26
Event Coordinator

23/10/26
BCA-HOD
Dr. Aruna Devi C MCA, M.Phil., Ph.D
Associate Professor & HOD-BCA,
Department of Computer Applications
Dayananda Sagar College of Arts, Science & Commerce
Shavige Malleshwara Hills, Kumaraswamy Layout,
Bengaluru - 560 111

23/10/2026
IQAC Coordinator
Co ordinator
Dayananda Sagar College of Arts, Science & Commerce
Kumara ...my Layout, Bengaluru - 560 111

23/10/26
Principal
Principal
Dayananda Sagar College of ...
Science & Commerce
Kumaraswamy Layout, Bengaluru - 56...

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

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Glimpses of the Event- Seminar on Application of Mathematics in Data Science

Course: BCA **Date: 13-09-2026**



Photograph 1: Speaker explaining the topic



Photograph 2 :A group picture with Resource Person



Photograph 3: Students Participation



Photograph 4 : Welcoming the guest by HOD's

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DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shavige Malleshwara Hills, 1st Stage, Kumaraswamy Layout,
Bengaluru, Karnataka 560111

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

INTERNAL QUALITY ASSURANCE CELL (IQAC)

DEPARTMENT OF COMPUTER APPLICATIONS - BCA

Seminar on

Application of Mathematics in Data Science

Exploring how mathematical concepts form the foundation of data science, from modelling and algorithms to real-world applications.



RESOURCE PERSON

Dr. Indumati RS
MSc, MPhil, Ph.D
Associate Professor
Maharaja Institute of Technology, Mysore

DATE
13th October 2026
(Tuesday)

TIME
11.00 AM – 01.00 PM

VENUE
Seminar Hall

FACULTY COORDINATOR | HOD - BCA | VICE PRINCIPAL | PRINCIPAL

www.dscasc.edu.in

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INSTITUTION'S INNOVATION COUNCIL

Department of Computer Applications - BCA

Name of the Activity: Seminar
Topic: "Application of Mathematics in Data Science"

Exploring how mathematical concepts from the foundation of data science, from modelling and algorithms to real-worls applications.

Date:13.10.2026 **CLASS : BCA I SEM "A" Sec** **Time: 11.00 AM To 1.00 PM**

Sl. No.	Student Name	Reg. No.	Signature
1	Lakshman. S	51	
2	Hemanth charan. K.C	37	
3	Milan. L	60	
4.	Likash. M	54	
5	Chaman Abhinav	17	
6	Hithendra. Y	38	
7	Ayyana Reddy	13	
8	Harsh.P	33	
9	Harsha.B	32	
10	LAKSH. B. Jain	49	
11	Jaiwardan.P	39	
12	Abhinav. NaiK	04	
13	Kubendra.H	46	
14	G.S. Srinidhi	29	
15	Aniketh Chanda	11	
16	Dhanush Gowda DR	23	
17	Manish A	57	
18	Ekanth Kumar.M	07	
19.	CHETHAN Gowda T.P	21	
20	DEEPAK S.D	22	
21	Mallikarjun. n.	53.	

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Bengaluru 560 111
DSCASC

Sl. No.	Student Name	Reg. No.	Sign
22.	L. Yashwanth	48.	
23.	LAKSHITHA TRIVEDI M	50	
24	Aliza Khan	10	
25	Chandana . N	19.	
26	Harshitha Priya.V.	36	
27.	Keerthana Rajesh	42	
28.	Chandana.B.S	18	
29.	Banupriya.K.P	15	
30.	Divya. R	25	
31	Kushi. R	47	
32	Harshinni. M	34	
33	Lavja Rani Saboo	53	
34	Diya Ajayan	26	
35	Kiran.T	48	
36	Goohatha	30	
37	A. Bharani	01	
38	A. Madhura	02	
39	Adithi Gowda. A	05	
40	Archana Kumari		
41.	Adithya.U		
42	Aditya Gunjal	07	
43	A.NITHIN	03	
44	B. Abhishekh	?	
45	Manoj.K.H	58	
46	Kishore. M	55	
47	Jayanth.S	41	

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Event Co-ordinator: 13/10/24

Signature:

48) Harshit S.K

49) Aishik Chakraborty 08

50) Kaushik Ahmed 41

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Department of Computer Applications - BCA

Name of the Activity: Seminar
Topic: "Application of Mathematics in Data Science"

Exploring how mathematical concepts from the foundation of data science, from modelling and algorithms to real-worls applications.

Date:13.10.2026 **CLASS : BCA I SEM "B" Sec** **Time: 11.00 AM To 1.00 PM**

Sl. No.	Student Name	Reg. No.	Signature
01	SHOBITH.K	32	
02	Skanda.K	36	
03	Punith.R	18	
04	Vignesh Karthik	52	
5	Samruth.N	29	
6	Revanth Pawar	22	
7	Syed Suqiyan Hussain	41	
8	Raj Yadav	20	
9.	Pavan Gowda.S	11	
10.	Dhruvesh.S	24	
11.	Tagure g prajwal	43	
12	V.Preetham Kumar	56	
13	Tarun.A	44	
14	S.ERANTH SAIRAM	25	
15.	VISHWANATH.S	54	
16.	SUHAS.HT	40	
17	Yogisha.B Rao	60	
18	Sameer Sohel.	28	
19.	Rushil Ponnappa	8	
20.	YASHAS.L	57	
21.	SK.MD. Sameer	37	

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48 Pavithra. S

Sl. No.	Student Name	Reg. No.	Sig
22.	Sindhu kumari Dal	13.	
23.	Uzma. Bi	47.	
24.	Nodiean Litka. N	7.	
25	Spandana. R	38	
26	Sreya Shibu	39.	
27.	Sneha. m. kumarji	37	
28.	Varsha. V. Shetty	50	
29.	Shalini. M.	31	
30.	Shwesta. B	33	
31	Vandana. V	49.	
32	Pavithra. M	11.	
33	Nithesh. V	6.	
33	Sai Sudhan. S	27	
34	N. Naveen	3.	
35	Nikhil gowda. K	5.	
36	Pallavi. R.	10	
37.	Varshini P	51	
38	R. Asthi sree varma	19.	
39	Mohammed Owais	2.	
40	Syed Rayhaan	42.	
41	Shreya. V	34	
42	K. Vaishnavi Sree	48	
43	Narjia khanam	4	
44	Parathana. R. Kiran	15	
45	Pallavi. P	9.	
46	S. Srujana	26	
47	Yashaswini. M. B	59	

Event Co-ordinator:

Signature: 13/10/26

48 Pavithra. S

Sl. No.	Student Name	Reg. No.	Sig
22.	Sindhu kumari Dal	13.	
23.	Uzma. Bi	47.	
24.	Nodiean Litka. N	7.	
25	Spandana. R	38	
26	Sreya Shibu	39.	
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28.	Varsha. V. Shetty	50	
29.	Shalini. M.	31	
30.	Shwesta. B	33	
31	Vandana. V	49.	
32	Pavithra. M	11.	
33	Nithesh. V	6.	
33	Sai Sudhan. S	27	
34	N. Naveen	3.	
35	Nikhil gowda. K	5.	
36	Pallavi. R.	10	
37.	Varshini P	51	
38	R. Asthi sree varma	19.	
39	Mohammed Owais	2.	
40	Syed Rayhaan	42.	
41	Shreya. V	34	
42	K. Vaishnavi Sree	48	
43	Narjia khanam	4	
44	Parathana. R. Kiran	15	
45	Pallavi. P	9.	
46	S. Srujana	26	
47	Yashaswini. M. B	59	

Event Co-ordinator:

Signature: 13/10/26

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

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Internal Quality Assurance Cell

Department of B.Sc.

Name of the Activity: Seminar
Topic: "Application of Mathematics in Data Science"
Exploring how mathematical concepts from the foundation of data science, from modelling and algorithms to real-worls applications.

Date:13.10.2026 **CLASS : B.Sc.** **Time: 11.00 AM To 1.00 PM**

Sl. No.	Student Name	Reg. No.	Signature
01.	Sidharth S Anand	U03CJ2550145	
02.	Krishna M RaO	U03CJ2550 151	
03.	Nihar R Behera	U03CJ2550136	
04.	Dhanush.J	U03CJ24S0015	
05	Moolik.K	U03CSB5S013H	
06	Jayashree. S	U03CJ25S0131	
07	Ananya H.B	U03CJ25S0122	
08	Bhuvaneshwari.R	U03CJ25S0127	
09	Monika Shree.H	U03CJ25S0133	
10	Deeksha. G.M	U03CJ25S0128	
11	Halima Sadiya	U03CJ25S0130	
12	Afifa Syed	U03CJ25S0121	
13	Asiya Kulsum	U03CJ25S0126	
14	Aparna Sojith.	U03CJ25S0124.	
15	Preethi.A	U03CJ25S0141	
16	Sharanya.B.S	U03CJ25S0143	
17	Shruthi Yadav	U03CJ25S0144	

Event Co-ordinator :

Signature: Rajini 13/10/26

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18)	Pragathi. G	U03CJ2530139	Pragathi
19)	Pallavi. M	U03CJ2550152	Pallavi. M
20)	Nithin Kumar. C	U03CJ2550137	Nithin
21)	MD. Talha	U03CJ2550154	Talha
22)	Sameeksimha	U03CJ2550142	Sameeksimha
23)	Arjun	U03CJ2550125	Arjun
24)	Vinay. C	U03CJ2550147	Vinay
25)	Saathwik	U03CJ2550149	Saathwik



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STUDENT FEEDBACK FORM

Name of the Student: Harshit.S.K **UUCMS No.** -

Course: BCA **Sem:** I st **Section:** A

Name of Activity: Maths application seminar.

Organized by: Dr. Indumathi.R **Date:** 13/10/26

Resource Person: Dr. Indumathi.R **Programme/Class:**

Rating Scale: 5 – Excellent | 4 – Very Good | 3 – Good | 2 – Satisfactory | 1 – Needs Improvement

No.	Feedback Parameter	5	4	3	2	1
1	Relevance of the activity	☑	☐	☐	☐	☐
2	Quality and clarity of content delivered	☐	☑	☐	☐	☐
3	Effectiveness of the resource person/facilitator	☑	☐	☐	☐	☐
4	Interaction and student participation	☐	☐	☑	☐	☐
5	Achievement of the intended learning outcomes	☑	☐	☐	☐	☐
6	Improvement in my knowledge/skills through the activity	☑	☐	☐	☐	☐
7	Ability to apply the learning gained	☐	☑	☐	☐	☐
8	Organization and coordination of the activity	☑	☐	☐	☐	☐
9	Overall satisfaction with the activity	☐	☑	☐	☐	☐

Learning Outcome / Student Response

Important learning/skill gained from this activity:

History of maths. unique symbols.

Suggestion for improvement / future activity:

-

Would you recommend similar activities in future? ☑ Yes ☐ No

Overall Rating: ☐ Excellent ☑ Very Good ☐ Good ☐ Satisfactory ☐ Needs Improvement

Internal Quality Assurance Cell Bengaluru 560 111 DSCASC

Signature of the Student: 13/10

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STUDENT FEEDBACK FORM

Name of the Student: Pavithra. M **UUCMS No.** 26003268 75

Course: BCA **Sem:** 1st 'B' **Section:** B

Name of Activity: Application of Mathematics

Organized by: DSCASC **Date:** 13/10/2026

Resource Person: Sindhumathi **Programme/Class:** _____

Rating Scale: 5 – Excellent | 4 – Very Good | 3 – Good | 2 – Satisfactory | 1 – Needs Improvement

No.	Feedback Parameter	5	4	3	2	1
1	Relevance of the activity	☑	☐	☐	☐	☐
2	Quality and clarity of content delivered	☑	☐	☐	☐	☐
3	Effectiveness of the resource person/facilitator	☑	☐	☐	☐	☐
4	Interaction and student participation	☑	☐	☐	☐	☐
5	Achievement of the intended learning outcomes	☑	☐	☐	☐	☐
6	Improvement in my knowledge/skills through the activity	☐	☑	☐	☐	☐
7	Ability to apply the learning gained	☑	☐	☐	☐	☐
8	Organization and coordination of the activity	☑	☐	☐	☐	☐
9	Overall satisfaction with the activity	☑	☐	☐	☐	☐

Learning Outcome / Student Response

Important learning/skill gained from this activity:

About Mathematics history

Suggestion for improvement / future activity:

No

Internal Quality Assurance Cell Bengaluru 560 111 DSCASC

Would you recommend similar activities in future? ☑ Yes ☐ No

Overall Rating: ☑ Excellent ☐ Very Good ☐ Good ☐ Satisfactory ☐ Needs Improvement

Signature of the Student: Pavithra. M 13/10/26

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STUDENT FEEDBACK FORM

Name of the Student: Adithi Gowda.A **UUCMS No.** 05

Course: BCA **Sem:** I **Section:** 'A'

Name of Activity: Application of Mathematics

Organized by: DSCASC **Date:** 13/10/26

Resource Person: Dr. Indumati **Programme/Class:** _____

Rating Scale: 5 – Excellent | 4 – Very Good | 3 – Good | 2 – Satisfactory | 1 – Needs Improvement

No.	Feedback Parameter	5	4	3	2	1
1	Relevance of the activity	☑	☐	☐	☐	☐
2	Quality and clarity of content delivered	☑	☐	☐	☐	☐
3	Effectiveness of the resource person/facilitator	☐	☑	☐	☐	☐
4	Interaction and student participation	☐	☐	☑	☐	☐
5	Achievement of the intended learning outcomes	☐	☑	☐	☐	☐
6	Improvement in my knowledge/skills through the activity	☑	☐	☐	☐	☐
7	Ability to apply the learning gained	☐	☐	☑	☐	☐
8	Organization and coordination of the activity	☐	☑	☐	☐	☐
9	Overall satisfaction with the activity	☐	☑	☐	☐	☐

Learning Outcome / Student Response

Important learning/skill gained from this activity:

History of Maths

Suggestion for improvement / future activity:

–

Internal Quality Assurance Cell Bengaluru 560 111 DSCASC

Would you recommend similar activities in future? ☑ Yes ☐ No

Overall Rating: ☐ Excellent ☑ Very Good ☐ Good ☐ Satisfactory ☐ Needs Improvement

Signature of the Student:

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STUDENT FEEDBACK FORM

Name of the Student: Monika Shreeth **UUCMS No.** U03CJ25S0133

Course: B.Sc **Sem:** III Sem **Section:** _____

Name of Activity: Applications of Mathematics

Organized by: BCA Department **Date:** 13/10/2026

Resource Person: Dr. Indumati **Programme/Class:** _____

Rating Scale: 5 – Excellent | 4 – Very Good | 3 – Good | 2 – Satisfactory | 1 – Needs Improvement

No.	Feedback Parameter	5	4	3	2	1
1	Relevance of the activity	☐	☑	☐	☐	☐
2	Quality and clarity of content delivered	☐	☐	☑	☐	☐
3	Effectiveness of the resource person/facilitator	☐	☑	☐	☐	☐
4	Interaction and student participation	☐	☑	☐	☐	☐
5	Achievement of the intended learning outcomes	☐	☑	☐	☐	☐
6	Improvement in my knowledge/skills through the activity	☐	☐	☑	☐	☐
7	Ability to apply the learning gained	☐	☐	☑	☐	☐
8	Organization and coordination of the activity	☐	☑	☐	☐	☐
9	Overall satisfaction with the activity	☐	☐	☑	☐	☐

Learning Outcome / Student Response

Important learning/skill gained from this activity:

Applications of Mathematics in DS.

Suggestion for improvement / future activity:

Internal Quality Assurance Cell Bangalore DSCASC

Would you recommend similar activities in future? ☑ Yes ☐ No

Overall Rating: ☐ Excellent ☐ Very Good ☑ Good ☐ Satisfactory ☐ Needs Improvement

Signature of the Student: Monikashree.H 13/10/26.

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