

DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE
Shavige Malleshwara Hills, Kumarswamy Layout, Bangalore-560082

Internal Quality Assurance Cell (IQAC)

Centre of Excellence -DS & AI

2-Day Hands-on Faculty Development Program

On

"Data Science using R"

Department: BCA

Date: 24-11-2022

Sl. no.	Particulars	Event related Details			
1.	Event*	Faculty Development Program			
2.	Title of the Event	2-Day Hands-on Faculty Development Program On "Data Science using R"			
3.	Date	9 & 10 November 2022			
4.	Time	9 AM to 4PM			
5.	Venue	Ground Floor Lab, Building No. 17, DSI Campus			
6.	Resource Person Details	Dr. BOBY JOHN Technical Officer (Grade I), Statistical Quality Control & Operations Research Unit, IndianStatistical Institute, Bangalore.			
7.	Topics Covered	<ul style="list-style-type: none"> • Basics of R programming concepts • Fundamentals of Statistics. • Data Aggregation • Supervised Learning-Regression & Classification Tree (CART), • Random Forest & Bagging. 			
8.	No. Faculty Participants	Internal:	03	External:	19
9.	No Student Participants	Internal:	Nil	External:	Nil
10.	Faculty Coordinator/s	<p>Full Name: Prof. Hemanth Uppala Department: Computer Applications Designation: Vice Principal & HOD</p> <p>Full Name: Prof. Aruna Devi C Department: Computer Applications Designation: Assistant Professor & Coordinator</p> <p>Full Name: Dr. Kumudavalli M.V Department: Computer Applications Designation: Associate Professor</p> <p>Full Name: Dr. Salini Suresh Department: Computer Applications Designation: Associate Professor</p>			
11.	Student Coordinator	Nil			

Sl. no.	Particulars	Event related Details
12.	Total Expenditure	Rs.25,982
13.	Sponsors and Amount	NA
14.	Program Schedule of the Event attached?	Yes
15.	Provide the link of the report uploaded on College Website	https://www.dscasc.edu.in/images/BCA/news/data.pdf
16.	Provide the links of the report uploaded on Social Media	-----
17.	Report sent to Newspapers? If yes, provide cuttings/images:	Nil
18.	Certificates Printed?	Yes
19.	Feedback Collected?	Yes
20.	Attendance Sheet Attached?	Yes
21.	Summary of the Event	The Department of Computer Applications is proactive in initiating knowledge enhancement programs through its Centre of Excellences. One such initiation was to conduct Hands on Faculty Development Program on "Data Science using R" from the DS & AI CoE. Two day FDP was well executed with a renowned Trainer from Indian Statistical Institute Prof. Dr Bobby John. With his immense knowledge in the domain of Statistics and Data Science, Prof. Bobby John trained the faculty members from different colleges across Bangalore on various topics pertaining to Data Science. Day-1 he covered the basics of R programming concepts with fundamentals of Statistics. Day-2 started with Data Aggregation, supervised Learning-Regression & Classification Tree (CART), Random Forest & Bagging. The sessions were well received by the participants. The day ended with a valedictory note. Overall the FDP was an initial learning process for budding Researchers and participants.
22.	Photographs of the Event	Attached

Dr Sabina Sursh
 Event Coordinator

Vice Principal/HOD

IQAC Coordinator

Principal

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Shavige Malleshwara Hills, Kumarswamy Layout, Bangalore-560082
Internal Quality Assurance Cell (IQAC)
2-Day Hands-on Faculty Development Program on "Data Science using R"Photos

Course: BCA

Date: 9 & 10 November 2022

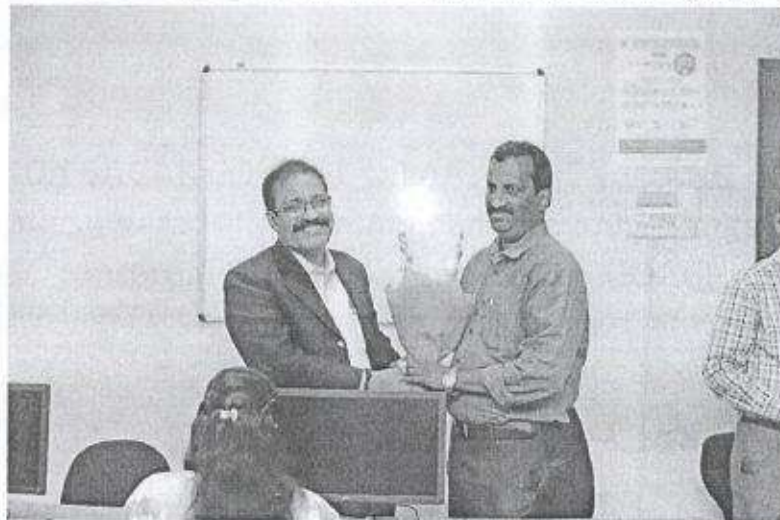


Photo 1: FDP Inaugural and Welcome



Photo 2: FDP Session in Progress



Photo 3: FDP participants



Photo 4: Vote of Thanks

"DATA SCIENCE USING R"

Sl.No.	Name	College Name	Mobile No.	Transaction ID	Date	Mail Id	Sign
1.	Shwetha. K.S.	DSCCE	9168535723	23113740808	9/11/22	shwetha-cse@dayanandasagar.edu	[Signature]
2.	Mahalakshmi Manosap	DSCCE	888425401	C1C9J3C9aLo9w	9/11/22	mahalakshmi-cse@dayanandasagar.edu	[Signature]
3.	Sandhya K	DSCCE	9590421801	T22-110720A27124046783	9/11/22	sandhya-cse@dayanandasagar.edu	[Signature]
4.	Sagari. S.M	DSCCE	961135171	231107490341	9/11/22	Sagari.S.S@dayanandasagar.edu	[Signature]
5.	Abhinav R.B	DSCCE	9591056031	231136572595	9/11/22	abhinavrb27@gmail.com	[Signature]
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12.	Michael Rulbasika	Jain University Cavalier animation and media college	9108380571	231417920810	10/11/22	Kaonurulbasika@gmail.com	[Signature]
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12	Shailesh Prasad	East West College of Management	8447727719	T22-1100744283458129318	10/11/22	shaileshcse@gmail.com	[Signature]
13	Sahaa.M.P.	DSCCE, CSE	9538015994	231308635520	9/11/22	Sahaam0393@gmail.com	[Signature]

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

DEPARTMENT OF COMPUTER APPLICATIONS - BCA

Hands on Faculty Development Programme - 9th & 10th November

"DATA SCIENCE USING R"

Attendance Sheet 10th November

Sl.No.	Name	Sign
1	Ms. PRIYADARSHINI. S	
2	Mr. MICHEL RWIBASIRA	
3	Mrs. RAJESH. D	
4	Shailesh Prasad	
5	Prof. Shwetha. K.S.	
6	Prof. Shahedhadeennisa. G.	
7	Prof. Chaitna. S.P	
8	prof. Sagari. S.M	
9	Prof. Abhinav R. B	
10	Parameeshwari. M. (Pragathi Degree College)	
11	Abhimanyu Bansal	
12	Prof. Sriitha G.V	
13	Prof. Harshitha. Diwakar	
14	Prof. Alamma B.H.	
15	Prof. Mahalakshmi Manasa	
16	Prof. Sandhya K	
17	Prof. Mahadeva Prasad	
18	Prof. DINESH. U S	
19		
20		

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE and COMMERCE
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore - 560 078
www.dscasc.edu.in

Hands-on FACULTY DEVELOPMENT PROGRAMME

9-10 November 2022

Department of computer applications

Data science using R

FDP SCHEDULE

9 November 2022

- 10:00 AM - 10.15 AM - Inauguration
- 10:15 AM - 12:45 PM - Session -1 [Introduction, Descriptive Statistics,
R and R studio]
- 12:45 PM - 01:45 PM - Lunch Break
- 02.00 PM - 04:00 PM - Session -2 [Data Aggression, Data Preprocessing]

10 November 2022

- 10:00 AM - 12.30 PM - Session -3[Supervised Learning – Regression &
Classification Tree]
- 12:30 PM - 1:30 PM - Lunch Break
- 01:30 PM - 03:30 PM - Session -4 [Supervised Learning - Random Forest,
Bagging]
- 03:30 PM - 04:00 PM - Valedictory



DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Affiliated to Bangalore University, Recognized by Government of Karnataka and
Accredited by NAAC with B+ grade



**Hands-on
Faculty Development Programme**

**Department Of
Computer Applications**
Presents

Data Science Using R

Presentation by



Prof. Bobby John
Sr. Technical Officer,
Statistical Quality Control & Operations
Research Unit, Indian Statistical Institute, Bangalore

DATE : 9th & 10th November 2022

VENUE : Ground Floor Lab, Building No - 17,
DSI Campus, Kumaraswamy Layout, Bengaluru

ABOUT THE COLLEGE

Dayananda Sagar College of Arts, Science and Commerce (DSCASC) is one of the leading colleges in the Silicon City of India, Bangalore running under the aegis of a six decade old Dayananda Sagar Institutions. DSCASC offers programs both at under graduate and post graduate studies and is affiliated to Bangalore University. With more than 2000 students on its roll, DSCASC has been in the forefront of providing quality education. DSCASC is nestled in a serene campus of 30 acres in the heart of the city with the state-of-the-art facilities. Bachelor of Computer Applications and Master of Computer Applications are the programs offered by Department of Computer Applications.

FDP OBJECTIVES

- Introduction to R programming
- Understanding statistical methods & R programming
- Application of statistical methods
- Hands-on experience of the models and tools in data analysis.

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9 November 2022

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[Introduction, Descriptive Statistics, R and R studio]
12:45 PM - 01:45 PM - Lunch Break
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[Data Aggregation, Data Preprocessing]

10 November 2022

- 10:00 AM - 12:30 PM - Session -3
[Supervised Learning - Regression & Classification Tree (CART)]
12:30 PM - 1:30 PM - Lunch Break
01:30 PM - 03:30 PM - Session -4
[Supervised Learning - RandomForest & Bagging]
03:30 PM - 04:00 PM - Valedictory

PARTICIPANTS

Faculty members from Universities/ Degree Colleges, Professionals from Industries and R&D Organizations can attend this faculty development programme.

REGISTRATIONS

Registration fee is Rs. 300 (Rupees Three Hundred Only) for all faculty and professionals from industry. Registration fee includes tea, snacks and lunch for all the participants. Participants to provide their details in the link given below and wait for the confirmation. The last date for registration is 6th November 2022. Certificates will be issued to all the faculties who would attend all the sessions.

Follow the Registration Link

<https://forms.gle/LqJWXFZcLqUnbqVy7>

(Payment Details enclosed in the registration form)

or

Scan
the QR Code



CONVENORS

Principal Dr. Nagaraj Shenoy, Email: principal-dscasc@dayanandasagar.edu

Vice-Principal Prof. Hemanth Uppala, Email: hod-bca@dayanandasagar.edu

FDP Coordinator :

Dr. Kumudavalli M V - Associate Professor, kumudavalli@dayanandasagar.edu Mobile : 9980135525

Dr. Salini Suresh - Associate Professor, salinisuresh-bu@dayanandasagar.edu Mobile : 9663363201