



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI
DEPARTMENT OF DATA SCIENCE
BRIDGE COURSE SYLLABUS 2024-2025



CLASS: I B.Sc Data Science

Course Objective

- ✓ To understand basics of computer and working with OS.
- ✓ To develop working skills with software and Internet Usages.
- ✓ To acquire basic programming skills.
- ✓ To understand techniques of interpolation and polynomial fitting.

Unit I

Computer Fundamental

What is Computer, History of Computer, Types of Computer- Characteristics of Computer, Generation of Computer and Components of Computer, Input device, Output devices, Operating System. Different types of Computer Memory-Hardware & Software and its types.

Unit II

MS-OFFICE:

Ms-Word: Create a document, Alignment, Font Style, Font Size, Line Spacing, Add header & Footer.

Ms-Excel: Create a table, Ascending & Descending Order, Table Filtering, Chart.

Ms-PowerPoint: Create a Presentation, Animation Effects.

Unit III

Recent Networking Technologies: Artificial Intelligence and Machine Learning-Data Science with AI Tools-Robotic Process Automation (RPA)-Edge Computing-Quantum Computing-Virtual Reality and Augmented Reality-Block chain-Internet of Things (IOT)-5G-Cyber Security.

Unit IV

JOB OPPORUNITIES:

Best Career path after BCA-Courses can pursue after BCA- 6 Months short term courses-Top Recruitment for BCA graduates- Govt jobs after BCA- Required skills for getting job.

Unit V

Basic Numerical Method – Scope – Definition - Solutions of Algebraic Equations: Formulas - Factorial Polynomials - Interpolation – Central difference -Newton's Divided Differences Formula.

Course Outcome

- Understanding the concept of input and output devices of Computers
- Learn the functional units and classify types of computers, how they process information and how individual computers interact with other computing systems and devices.
- Understand an operating system and its working, and solve common problems related to operating systems Learn basic word processing, Spreadsheet and Presentation Graphics Software skills.
- Study to use the Internet safely, legally, and responsibly.
- Fit polynomials to a given set of data points.


for 26/6/2024
HOD


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for Women
Vanivambadi - 635 751



Marudhar Kesari Jain College , Vaniyambadi (AUTONOMOUS)



Reg Under Sec. 2(f) & 12(B) of UGC Act, 1956, Permanently Affiliated to Thiruvalluvar University

Re -accredited by NAAC with "A" Grade II An ISO 21001:2018 Certified Institution

Marudhar Nagar, Chinnakallupalli, Vaniyambadi – 635751, Tirupattur District.

Department : Data Science

Academic Year : 2024-2025

Class : I B.Sc DS

Course Name : Fundamentals of Computer

Date: : 20.06.2024 to 26.06.2024

Day/ Hours	1 9.30 to 10.20	10.20 to 10.40	2 10.40 to 11.30	3 11.30 to 12.20	12.20 to 1.00	4 1.00 to 1.50	5 1.50 to 2.40	6 2.40 to 3.40
1 (20.06.24)	Communicative English	SHORT BREAK	Recent Networking Ms.R.Jayashree	SPORTS	LUNCH BREAK	Computer Fundamental Ms.J.Sanjana	Job Opportunities Ms.R.Sandhiya	Communicative English
2 (21.06.24)	Computer Fundamental Ms.J.Sanjana		SPORTS	Recent Networking Ms.R.Jayashree		Communicative English	Job Opportunities Ms.R.Sandhiya	Communicative English
2 (24.06.24)	Communicative English		SPORTS	Job Opportunities Ms.R.Sandhiya		Recent Networking Ms.R.Jayashree	Computer Fundamental Ms.J.Sanjana	Communicative English
2 (25.06.24)	Computer Fundamental Ms.J.Sanjana		Communicative English	Job Opportunities Ms.R.Sandhiya		SPORTS	Recent Networking Ms.R.Jayashree	Communicative English
2 (26.06.24)	Communicative English		Job Opportunities Ms.R.Sandhiya	Recent Networking Ms.R.Jayashree		Communicative English	SPORTS	Computer Fundamental Ms.J.Sanjana

J. Jayashree
INCHARGE 27/6/24

S. Sandhiya
HOD 27/6/24

M. Sanjana
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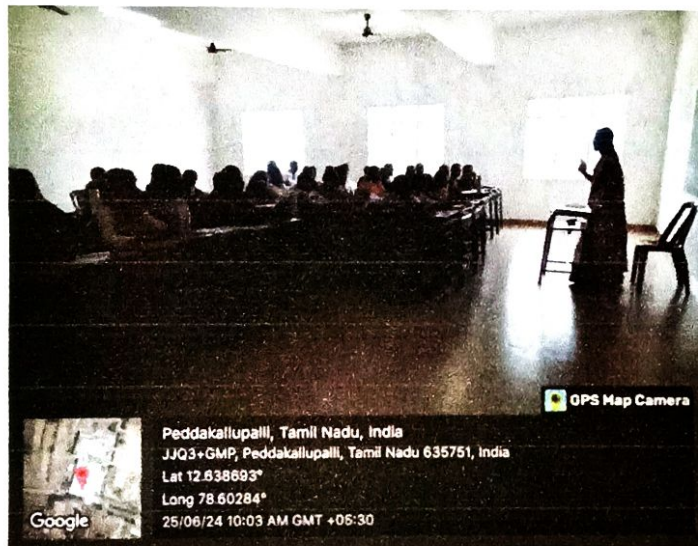
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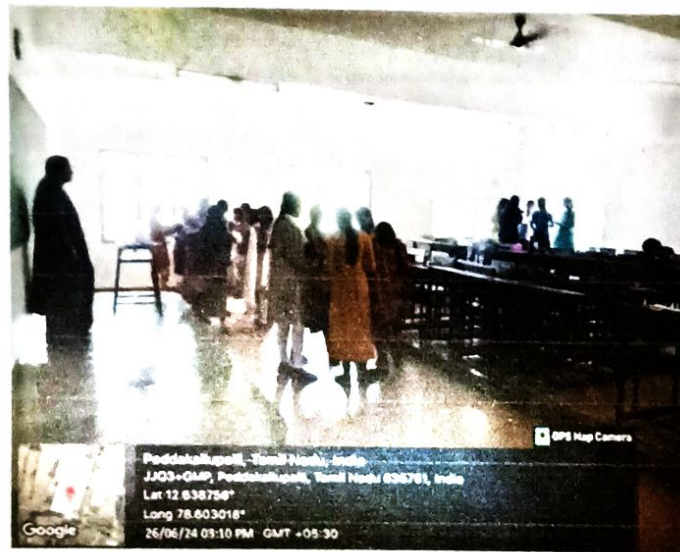
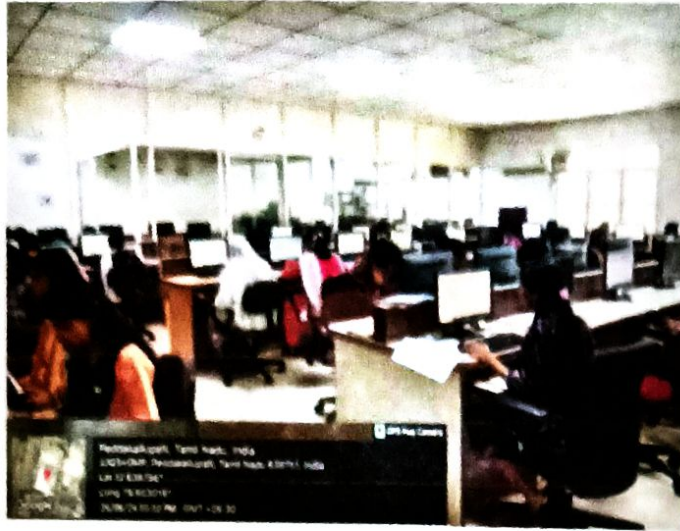
Department of Data Science

I B.Sc DS Bridge Course Photos



20.06.2024 - 26.06.2024





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Marudhar Nagar, Chinnakallupalli, Vaniyambadi - 635751, Tirupattur District.

BRIDGE COURSE ATTENDANCE

Department : Data Science

Academic Year :2024-2025

Class:I B.Sc. DS

Course Name: Fundamentals of Computer

S.No	NAME	Signature				
		20.6.2024	21.6.2024	24.6.2024	25.6.2024	26.6.2024
1	Aysha Anam K					
2	Bavadharani S					
3	Bhuvaneshwari D					
4	Dharshini K	Ab	K. Dharshini	K. Dharshini	K. Dharshini	K. Dharshini
5	Dhivya M	M. Dhivya	M. Dhivya	M. Dhivya	M. Dhivya	M. Dhivya
6	Divya Sri D	D. Divya Sri	D. Divya Sri	D. Divya Sri	D. Divya Sri	D. Divya Sri
7	Divya Sri S	Divya Sri S	Divya Sri S	Divya Sri S	Divya Sri S	Divya Sri S
8	Durga P	Durga P	Durga P	Durga P	Durga P	Durga P
9	Fathima Kousar Banu N	N. Fathima	N. Fathima	N. Fathima	N. Fathima	N. Fathima
10	Gopika L	L. Gopika	L. Gopika	L. Gopika	L. Gopika	L. Gopika
11	Harsha G	G. Harsha	G. Harsha	G. Harsha	G. Harsha	G. Harsha
12	Jashnavi V	absent	V. Jashnavi	V. Jashnavi	V. Jashnavi	V. Jashnavi
13	Jothi M	M. Jothi	M. Jothi	M. Jothi	M. Jothi	M. Jothi
14	Kaniha K	K. Kaniha	K. Kaniha	K. Kaniha	K. Kaniha	K. Kaniha
15	Keerthana Shree S	S. Keerthana	S. Keerthana	S. Keerthana	S. Keerthana	S. Keerthana
16	Keerthika S	S. Keerthika	S. Keerthika	S. Keerthika	S. Keerthika	S. Keerthika
17	Kowsalya M	M. Kowsalya	M. Kowsalya	M. Kowsalya	M. Kowsalya	M. Kowsalya
18	Labeeba Aafeen P	P. Labeeba	P. Labeeba	P. Labeeba	P. Labeeba	P. Labeeba
19	Monika R	R. Monika	R. Monika	R. Monika	R. Monika	R. Monika
20	Monika S					
21	Monika S	S. Monika	S. Monika	S. Monika	S. Monika	S. Monika
22	Monisha S	S. Monisha	S. Monisha	S. Monisha	S. Monisha	S. Monisha
23	Musarrat Naaz A	Musarrat	Musarrat	Musarrat	Musarrat	Ab
24	Muthu Lakshmi D	D. Muthu	D. Muthu	D. Muthu	D. Muthu	D. Muthu
25	Muthumari D	D. Muthumari	D. Muthumari	D. Muthumari	D. Muthumari	D. Muthumari
26	Naveena M	ab	ab	M. Naveena	M. Naveena	ab
27	Nethra S	S. Nethra	S. Nethra	S. Nethra	S. Nethra	S. Nethra

28	Pavithra M	Pavithra M	Pavithra M	Pavithra M	Pavithra M
29	Pavithra S	Pavithra S	Pavithra S	Pavithra S	Pavithra S
30	Pooja S	Pooja S	Pooja S	Pooja S	Pooja S
31	Priya dharshini V	Priya dharshini V	Priya dharshini V	Priya dharshini V	Priya dharshini V
32	Puviyarasi A	Puviyarasi A	Puviyarasi A	Puviyarasi A	Puviyarasi A
33	Rakshitha D	Rakshitha D	Rakshitha D	Rakshitha D	Rakshitha D
34	Reena C	Reena C	Reena C	Reena C	Reena C
35	Retha A	ab	ab	ab	ab
36	Sangeetha S	S. Sangeetha	S. Sangeetha	S. Sangeetha	S. Sangeetha
37	Saniya Musarrath A	Saniya A	Saniya A	Saniya A	Saniya A
38	Sarithra S	absent	absent	S. S.	S. S.
39	Savithri K	Savithri K	Savithri K	Savithri K	Savithri K
40	Shalini S	Shalini S	Shalini S	Shalini S	Shalini S
41	Shifa Thabasum A	Shifa A	ab	Shifa A	Shifa A
42	Tamil Arasi J	T. Arasi	T. Arasi	T. Arasi	T. Arasi
43	Tanzeeha Suman H	Tanzeeha	Tanzeeha	Tanzeeha	Tanzeeha
44	Thirisha K	Thirisha K	Thirisha K	Thirisha K	Thirisha K
45	Thuba Mariyam K.S	Thuba Mariyam K.S	Thuba Mariyam K.S	Thuba Mariyam K.S	ab
46	Umme Kulsoom P S	ab	ab	ab	ab
47	Vithiya S	S. Vithiya	S. Vithiya	S. Vithiya	S. Vithiya
48	Yuvalakshmi A	A. Yuvalakshmi	A. Yuvalakshmi	A. Yuvalakshmi	AB
49	Zoya Maryam M.L	Zoya	Zoya	ab	Zoya

J. Sujanya
26/6/2024
INCHARGE

S. Sujanya
26/6/2024
HOD

J. Sujanya
26/6/2024
DEAN

M. Sujanya
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Department of Data Science

I B.Sc DS Bridge Course Feedback form



20.06.2024 - 26.06.2024

S.No	Name	Feedback
1.	Aysha Anam K	I felt that the bridge course was very good as well as useful for me. It had increased my knowledge as well.
2.	Bavadharani S	The bridge course are very usefully for me and the Teacher are teaching very well I know about general knowledge many difference class attend the bridge course so useful for me. Teachers are teaching well.
3.	Bhuvaneshwari D	The bridge course are very usefully easy to me. All the Teachers are teaching very well after bridge staffs were useful for me. There are many concepts.
4.	Dharshini K	The bridge course is a very easy to me and the teacher are teaching was very well I know about general knowledge many difference class attend the bridge course so useful for me. Teacher are teaching well.
5.	Dhivya M	The bridge course was Very Useful and we have learnt some new things I have understood the concept which they had taught us.
6.	Divya Sri D	The bridge course was very easy to me. All the teachers are teaching very well. It is we learn a new lots of many concepts very well.
7.	Divya Sri S	The Bridge Courses are very useful for me. These are many basics thought for us. So, I am really enjoy to study.
8.	Durga P	The bridge course are very useful for me all the teachers are teaching in the bridge course staffs were sweet and calm there are many basics thought for us. So I am really enjoy to study.
9.	Fathima Kousar Banu N	well, the courses are really interesting and learned new things in the bridge course staffs were sweet and calm but after bridge course some of the staffs are really frustrated (in) that time was very good day to learn many thing the bridge course staffs were sweet now teacher also so sweet.
10.	Gopika L	that time was very good day to learn many thing the bridge course staffs were sweet now teacher also so sweet.
11.	Harsha G	The bridge is very useful for me. All the teachers are teaching very well. I have understand the concept which they had
12.	Jashnavi V	The Bridge Course was very easy to me it is useful for me I learn very well. Teachers are teaching very well.

13.	Jothi M	It was very helpful and useful for me I learned new thing from that course and I like it so much
14.	Kaniha K	It was very helpful and useful for me I learned new thing from that course I like it so much.
15.	Keerthana Shree S	It was little bit useful and the staff were good at the time. some and now the staff were little bit frustrated.
16.	Keerthika S	It was excellent.
17.	Kowsalya M	It was Very useful and I learn Very well the teaching was Very good. I learn the new things in Bridge Course. The course was fantastic to learn.
18.	Labeeba Aafeen P	It was very helpfull to as they teach Basic and we can recall and I just want to tell thanks to staff. Thank you
19.	Monika R	It was very helpful and useful for my me. I learned new things from that course and I like it so much.
20.	Monika S	It was very helpful and useful course and I learned new things from that course and I like so much.
21.	Monika S	The bridge course was very useful and I learnt new things. I like it so much.
22.	Monisha S	I learned new things very useful and easily learned that course I like very much that way.
23.	Musarrat Naaz A	It was a very helpful and useful course. and I learned new things from this bridge course and I liked the way they teach as
24.	Muthu Lakshmi D	It is good and I learn so many basics in everything. I understood well. It was very useful for me. and the way of teaching is good.
25.	Muthumari D	It is very good teach for us, (basically I can understand to all subjects, I learn something new very happy It is helpful for us (Thank you)
26.	Naveena M	I can learnt something new using this course. It is helpfull to learn the basic thing about this course. I learnt many new things I like the way they teach.
27.	Nethra S	It was helpfull to learn from basic. It was very much usefull. I learned many new things. Now it is more helpfull for lesson.
28.	Pavithra M	It was helpfull learn basic. very very much usefull basic. Now it is more helpfull for lesson.

29.	Pavithra S	The bridge course is very useful for me. And the teachers are teaching very well. I know about general knowledge.
30.	Pooja S	The bridge course is very useful to me. Many different class attend the bridge course so useful for me. Teachers are teaching well.
31.	Priya dharshini V	The bridge courses are very useful for me. And the teachers are teaching very well. I know about the general knowledge.
32.	Puviyarasi A	The bridge courses are very useful to me. There are many basic thought for us. So, I am really enjoy to study.
33.	Rakshitha D	The bridge course was useful. It was beneficial but for few I can't understand. I know about the few general knowledge.
34.	Reena C	The bridge course are very useful to me. And the teachers are teaching very well. am really enjoy to study.
35.	Refha A	
36.	Sangeetha S	The bridge course was very useful. we learn about the concept of data science but few I can't understand. I know about the process of knowledge.
37.	Saniya Musarrath A	
38.	Sarithra S	The bridge course are very useful to me and easy to learn. The teachers are teaching very well. I am understand very well.
39.	Savithri K	The bridge courses are very useful to me. There are many basic thought for us. So, I am really enjoy to study. It was beneficial but for few I can't understanding.
40.	Shalini S	The bridge course was very useful. We learn about the concept of data science but few I can't understand. I know about the process of studying general knowledge.
41.	Shifa Thabasum A	In bridge course we have learn the overall concept of choosing the data science. Then we understand the process of studying in college.
42.	Tamil Arasi J	In bridge course are very useful to me. Then we understand the process of studying in general knowledge.
43.	Tanzeeha Suman H	During the Bridge course, we learned the basis of our course and Programme, it was very useful. we get to know about our Programme.
44.	Thirisha K	The bridge course is very useful. we learn about the concept of data science but few I can't understand. I know about the

45.	Thuba Mariyam K.S	Bridge course was not bad. Had complications are getting involved in this course need more understandable and simpler outcome.
46.	Ummekulsoom P S	
47.	Vithiya S	the bridge course useful to me. I learn about the course of the subject. The teaching was very useful to understand to me.
48.	Yuvalakshmi A	The bridge course useful was not bad. Had complications me getting involved in this course need more understandable and simpler outcome.
49.	Zoya Maryam M.L	It was helpful and learned the basics of this course. I learned new things about course. I understood very well.

S. A. L.
26/6/24
HOD

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