St. Joseph's College (Autonomous)

Accredited at A++ Grade (4th Cycle) by NAAC,
Special Heritage Status awarded by UGC

Tiruchirappalli – 620 002, India.

DATASCIENCE ASSOCIATION
Department of Data Science
ST.JOSEPH'S COLLEGE (AUTONOMOUS)

ACCREDITED AT A++ BY NAAC (CYCLE IV)
COLLEGE WITH SPECIAL HERITAGE STATUS
COLLEGE WITH POTENTIAL FOR EXCELLENCE
TRICHY,TAMIL NADU

VALUE ADDED COURSE ON " SOFT SKILLS AND DEBUGGING"

PROGRAMME COORDINATOR

Dr. I. Priya Stella Mary

Assistant Professor
Department of Data Science
St.Joseph's College (Autonomous)
Trichy

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Report on" Value-Added Courses for the academic year 2022-2023"				
DATE FROM:	02/08/2022	**To:**	09/11/2022	
Name of the Course and Coordinator	Soft Skills and Debugging		Dr. I. Priya Stella Mary	
No. of Students Enrolled	59			
Mode (Online/Offline / Blended)	Offline			
Course Code	21PDS1VAC1	**Duration ofthe Course (in hrs)**	60	**No. of Times offered during the Same Year** 1

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Report on Value Added Programme

Soft Skills and Debugging

Course Code: 21PDS1VAC1   **Academic Year:** 2022-2023

Course in-charge: Dr. I. Priya Stella Mary   **Semester:** I

Objective:

- To enhance the communication skills
- Communicate effectively in formal and informal situations
- Demonstrate the problem solving and logical skills
- Debug the code efficiently

Report:

- The Department of Data Science for the academic year (2022– 2023) organized aValue-Added Programme **"**Soft Skills and Debugging**"** for the I PG students.

- The course started by 2nd August 2022 and ended on 9th November 2022

- Total of 59 students enrolled and completed the "Soft Skills and Debugging" Course handled by Dr. I. Priya Stella Mary, Assistant Professor, Department of Data Science, St. Joseph's College (Autonomous), Tiruchirappalli

- The flow of the course mainly concentrates on amplifying the abilities of the students in concern with the language "English" and problem solving.

- The course aims to create a greater understanding about the language and its functions to bring up the efficient usage of it in the workplace and also in informalsituation

- It focused on the tips and strategies to be followed during the interviews so thatthe language could be used to the maximum

- To write and Debug the code efficiently

Signature of the Head

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SYLLABUS

Semester I	**Hours/Week: 4**

21PDS1VAC1

On successful completion of the course, the students will be able to
1. Recall the basics of reasoning
2. Demonstrate the problem solving and logical skills
3. Develop communication skills
4. Communicate effectively in formal and informal situations
5. Debug the code efficiently

Unit-I: **(12 Hours)**

Understanding Communication: Verbal communication – Types of verbal communication and Non-verbal Communication – Types of verbal communication - Debates – Group Discussion - Personal Interview

Unit - II   **(12 Hours)**

Grammar: Parts of speech: Verbs- Nouns -Adjectives-Adverbs-Determiners- pronouns- prepositions- conjunctions- interjections- Tenses: Past, Present and Future – Perfect, Continuous, Perfect Continuous

Unit – III   **(12 Hours)**

Numerical Ability: Simplification **-** Average - Percentage –Ratio and Proportion- Profit and Loss - Problems on ages - Time and Work - Time and Distance - Probability

Unit - IV   **(12 Hours)**

Logical Reasoning: Verbal reasoning –Number series – Letter series **–** Analogies -Coding Decoding -Non-Verbal Reasoning: Image Series - Classification

Unit – V   **(12 Hours)**

Debugging and Verifying: Compiling and debugging programs **-** Finding the bugs – Identifying the cause of the bug- Determining a fix for the bug – Applying the fix and testing it

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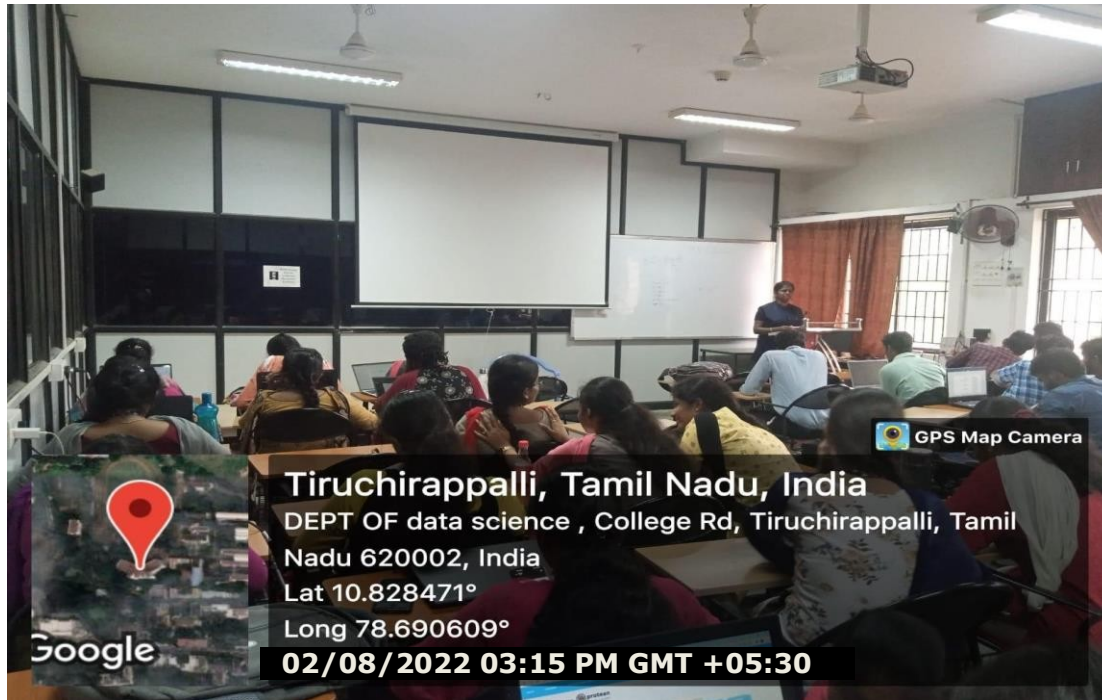
PHOTOGRAPHS

IMAGE 1:Dr, I.PRIYA STELLA MARY,ASSISTANT PROFESSOR DEPARTMENT OF DATA SCIENCE HANDLING SOFT SKILLS CLASS FOR I MSC STUDENTS.

IMAGE 2:STUDENS ACTIVELY PARTICIPATE IN SOFTSKILL CLASS

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CERTIFICATES:

Department Of Data Science
St. Joseph's College (Autonomous)
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College with Special Heritage Status
College with Potential for Excellence
Tiruchirappalli - 620002,
Tamil Nadu, India.

CERTIFICATION OF PARTICIPATION
THIS IS TO CERTIFY THAT

KANIMOZHI A

Participated in the value added course **" SOFT SKILLS & DEBUGGING "** during the period from 02/08/2022 to 09/11/2022 conducted by the Department of Data Science, St. Joseph's College (Autonomous), Tiruchirappalli – 620002.

DR. I. PRIYA STELLA MARY
Programme Coordinator

DR. L. AROCKIAM
Head of the Department

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Tiruchirappalli - 620002,
Tamil Nadu, India.

CERTIFICATION OF PARTICIPATION
THIS IS TO CERTIFY THAT

LILLY J.S

Participated in the value added course **" SOFT SKILLS & DEBUGGING "** during the period from 02/08/2022 to 09/11/2022 conducted by the Department of Data Science, St. Joseph's College (Autonomous), Tiruchirappalli – 620002.

DR. I. PRIYA STELLA MARY
Programme Coordinator

DR. L. AROCKIAM
Head of the Department

Department of Data Science
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Tiruchirappalli – 620 002, India.

ATTENDANCE SHEET

I M. Sc. Data Science (2022-24) Batch

S.NO	D. NO.	NAME	SIGNATURE
1	22PDS801	DEEPAN P	
2	22PDS802	CHARULATHA D	
3	22PDS803	NISHIN JERRY X I	
4	22PDS804	NIRMAL JOEL X I	
5	22PDS805	HARIVIGNESH S	
6	22PDS806	MADHAVAN S A	
7	22PDS807	HATLIN JOHEIT J A	
8	22PDS808	EDWIN PRAKASH J	
9	22PDS809	SUJITH NAMASIVAYAM P	
10	22PDS810	AARTHI S	
11	22PDS811	KANIMOZHI A	
12	22PDS812	NIXON L	

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13	22PDS813	LEANDER PIOUS X	
14	22PDS814	JESTIN.S	
15	22PDS815	BHUVANA N	
16	22PDS816	ARUN PRASATH	
17	22PDS817	SARA ROVENA S	
18	22PDS818	AGNES SALOMI TANIA P	
19	22PDS819	DIVINE REGAN A	
20	22PDS820	ANCELIN GENO A	
21	22PDS821	MICHEAL ANTONY A	
22	22PDS822	CINCIYA THOMAS MELATHIL	
23	22PDS824	JACKSHINI.S	
24	22PDS825	JOE AROWIN A	
25	22PDS826	DEVADHARSHINI R	
26	22PDS827	DOUGLAS JAMES P	
27	22PDS828	MARTIN PRABHU S	
28	22PDS829	MERWIN RAGUL I	
29	22PDS830	JANANIMEENA R	
30	22PDS831	SHIVASHANKARI E	
31	22PDS832	JASMINE A B	
32	22PDS833	SIVAPRIYA K	
33	22PDS834	JOSEPH T J	
34	22PDS835	INFANT JEYABAL A	
35	22PDS837	DHANASEKAR D	
36	22PDS838	STEPHEN RAJ S	
37	22PDS839	M.LEENA	
38	22PDS840	ANUBHARATHI P	
39	22PDS841	ESTHER JENIFER P	
40	22PDS842	SUMAIYA SULTAN	
41	22PDS843	ESWAR E	
42	22PDS844	MUGISHA CIELLA DANILLA	

43	22PDS845	NANDINI K	
44	22PDS846	PRASANTH R	
45	22PDS847	UDHAYA P	
46	22PDS849	PADMAVATHI S	
47	22PDS850	NIRANJANA	
48	22PDS851	AHAASRAJ RR	
49	22PDS852	GOBINATH T	
50	22PDS853	KULARANJITH K	
51	22PDS854	RAMANAN P	
52	22PDS857	PRAVEEN KUMAR P	
53	22PDS858	PILAVENDRAN A	
54	22PDS859	AMALORPAVA BELCIYA S	
55	22PDS860	JOE NICKSON V	
56	22PDS862	LILLY J S	
57	22PDS863	INFANT JEGAN FERNANDO H	
58	22PDS864	HARIHARAN R	
59	22PDS865	RITHICK T	