



Academic
Staff College

We, as a team of Quantitative Aptitude and Reasoning from CSS Department (Communication and Soft Skills) would like to extend our gratitude to the management for giving us an opportunity towards the Faculty Development Training program on “Developing Higher level logical thinking and reasoning skills using puzzles”.

Topic	“Developing Higher level logical thinking and reasoning skills using puzzles”
Resource persons	Mr. Stephen Victor, CSS Department
Ms. Shabana I, CSS Department	
No. of days	7 Days
Dates	From 02.08.2021 (Monday) till 09.08.2021 (Monday)
Timings	From 10.00 am to 1.00 pm
Target Audience	Professors, Associate Professors and Assistant professors from Mathematics Department, CSS and Basic Engineering Science - I
Venue	F 209, FED Block

OBJECTIVE:

At the end of the training delivery, the participants should be able to demonstrate, explain and make the students understand the importance to solve puzzles in their skilling hours as it would not only help them in specific subjects, but it would enhance their results across the academics.

CONTENT OF DELIVERY:

Although the participants were familiar with numbers, the content of delivery was organised and prepared in such a way it made the audience think in a different perspective and arrive at the solution using a simple strategy and spatial thinking.

DETAILED AGENDA OF THE TRAINING PROGRAM:

DAYS	AGENDA	SPEAKER / FACILITATOR
Day - 1	Welcome, Objective of the training program	Dr. A. Srinath, Dean - Skill Development
Training Delivery / Discussion based on Math logic.	Mr. Stephen Victor. K, Asst Professor, CSS Department	
Day - 2	Perplex riddles based on Shakuntala Devi's books - "Puzzles to puzzle you" and "More puzzles to puzzle you" were discussed.	Mr. Stephen Victor. K, Asst Professor, CSS Department

Day - 3	Puzzles on highlighting mathematics techniques from “Puzzles to puzzle you” were brainstormed.	Mr.Stephen Victor. K, Asst Professor, CSS Department
Day - 4	Quizzes that précised focus on "eliminating techniques" and "challenge your calculators" were discussed.	Ms. Shabana I, HOD - Quants & Reasoning, CSS Department
Day - 5	Puzzles involving Data handling, data extrapolation and optimization were discussed.	Mr.Stephen Victor. K, Asst Professor, CSS Department
Day - 6	Questions involving patterns and commercial calculations from Shakuntala Devi’s books were discussed.	Mr.Stephen Victor. K, Asst Professor, CSS Department
Day - 7	Quizzes on controversial thinking, Knights and knaves were brainstormed.	Co facilitated by Mr.Stephen Victor. K & Ms. Shabana I, CSS Department
Concluding Speech	Mr. Jaya Prakash Jala, Associate Professor, Academic Staff College	

FOLLOW UP ACTIVITIES:

The puzzles discussed in the course of delivery will be shared with all the participants and in addition to it, the resource people take the credit of sharing 150 puzzles in the same journal as discussed during the delivery. The faculty members can use them to enhance the logical thinking of the students during their skilling hours respectively. Assessment test to be conducted to the participants to ensure quality concept delivery to the students during skilling hours.

FEEDBACK:

1. **NAME:** Dr Y. Bhargavi, Assistant Professor, Dept. of Mathematics, KLEF

FEEDBACK: This course was so helpful. I think I now understand the fundamentals of mathematical logic. I truly recommend this course to anyone who is interested in studying logic!

2. **NAME:** Mr. Vampugani Uday Kumar, Assistant Professor, BES 1 Dept, KLEF

FEEDBACK: The workshop main purpose is to develop the logical and reasoning skillset for the faculty. The workshop happened for one week .The content discussed by Stephen victor sir and Shabana mam is very useful for the faculty teaching mathematics and c programming subjects.

BOOKS FOR REFERENCE:

1. **Puzzles to puzzle you** by Shakuntala Devi published by Orient Paperbacks

2. **More Puzzles to puzzle you** by Shakuntala Devi published by Orient Paperbacks

3. **World's Toughest Puzzle** by Charles Barry Townsend published by Orient Paperbacks
4. **World's best Puzzle** by Charles Barry Townsend published by Orient Paperbacks
5. **World's Trickiest Puzzle** by Charles Barry Townsend published by Orient Paperbacks

WEB REFERENCES:

1. <https://brilliant.org/>
2. <http://www.folj.com/>





Shot on Y17
Vivo AI camera



Shot on Y17
Vivo AI camera





**One week Faculty development Program on
"Developing Higher level logical thinking and reasoning skills using puzzles"**
02-08-2021 to 09-08-2021

**DEPARTMENT OF MATHEMATICS
7/8/2021**

Sl.No.	Emp ID	Name of the Faculty	Designation	Mobile No.	Signature
1	5655	Dr.V.Vasanta Kumar	Professor	9160934864	V. Vasanta Kumar
2	2069	Dr.V.S.Bhagavan	Professor	9440981317	Bhagavan
3	4351	Dr.N.Srimannarayana	Professor	9490112500	N. Srimannarayana
4	3155	Dr.G.V. Ramana Reddy	Professor	8500031137	G.V. Ramana Reddy
5	2038	Dr.G.Suresh Kumar	Assoc. Professor	9441044687	G. Suresh Kumar
6	1343	Dr T Srinivasa Rao-1	Assoc. Professor	8333984851	T. Srinivasa Rao
7	6344	Dr P.Hari Prasad	Assoc. Professor	9866960030	P. Hari Prasad
8	1394	Dr. K V Chandra Sekhar	Assoc. Professor	9848645035	K. V. Chandra Sekhar
9	3988	Dr.T.Nageswara Rao	Assoc. Professor	9440164171	T. Nageswara Rao
10	1567	Dr.B Srinivasa Kumar	Assoc. Professor	9490845595	B. Srinivasa Kumar
11	1509	Dr T Srinivasa Rao-2	Assoc. Professor	9052106984	T. Srinivasa Rao
12	4840	Dr.M.Radha Madhavi	Assoc. Professor	9962229508	M. Radha Madhavi
13	4925	Dr.Pushpalatha Kolluru	Assoc. Professor	9247272987	P. Pushpalatha Kolluru
14	2906	Dr.N.Vedavathi	Assoc. Professor	9849067889	N. Vedavathi
15	5141	Dr.N.Vijaya	Assoc. Professor	9849862056	N. Vijaya
16	3906	Dr.W.Sridhar	Assoc. Professor	9441051978	W. Sridhar
17	2841	Dr S.V.Subrahmanyam	Assoc. Professor	9849083846	S. V. Subrahmanyam
18	2999	Dr.D.Satish Kumar	Assoc. Professor	9441321888	D. Satish Kumar
19	3244	Dr.S.Ragamayi	Asst. Professor	9000390012	S. Ragamayi
20	4083	Sri J.Peter Praveen	Asst. Professor	9949865863	J. Peter Praveen
21	4643	Dr.Y.Bhargavi	Asst. Professor	8686454748	Y. Bhargavi
22	4821	Dr.D.Ramesh	Asst. Professor	9866842249	D. Ramesh
23	5110	Dr.P.Bindu	Asst. Professor	9848797979	P. Bindu
24	5149	Dr.Ankita Tiwari	Asst. Professor	9575699225 9440894387	A. Tiwari

Dr. A. SRINATH
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Warangal-522 502, Guntur Dist.

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2	3973	Dr P.Siva Kumar	Assoc.Professor	9392823359	
3	4368	Mr.N.Sreeram	Assoc.Professor	7095153150	
4	4430	Dr.S.Siva Kumar	Assoc.Professor	9003132635	
5	1229	Dr.Sk.Razia	Assoc.Professor	9440521497	
6	1495	Smt E SreeDevi	Asst. Professor	9885694598	
7	1998	Sri N V S Pavan Kumar	Asst. Professor	9849823191	
8	3846	Mr.CMAK Zeelan Basha	Asst. Professor	8465862269	
9	3936	Mr V.Uday Kumar	Asst. Professor	9052635533	
10	3950	Mr D.Anand	Asst. Professor	9491647491	
11	3969	Mr.T.Rajesh Kumar	Asst. Professor	9842148424	
12	4014	Mrs.G.Sai Sudha	Asst. Professor	8686466433	
13	4028	Ms. V.Premalatha	Asst. Professor	9492060809	
14	4283	Mr.A.Krishna	Asst. Professor	9052041051	
15	4297	Mr.Pradeep Raj	Asst. Professor	9885161651	
16	4334	Mr.ASALG Gopal Gupta	Asst. Professor	9948063850	
17	4437	Mr.E.Rajesh Kumar	Asst. Professor	9047229233	
18	4464	Mr.G.Rama Krishna	Asst. Professor	9052266915	
19	4469	Ms.Sd Karimunnisa	Asst. Professor	8297404539	— leave —
20	4472	Ms.V.lakshmi Sarvani	Asst. Professor	9985622936	— leave —
21	4490	Mr.T.Ganesan	Asst. Professor	9445727904	
22	4696	Mrs.D.Raghava	Asst. Professor	9491582389	
23	4697	Mrs.U.Harita	Asst. Professor	9962840289	— leave —
24	4709	Mr.B.Ashok	Asst. Professor	9494399467	
25	5421	Mr.M.Ram Kumar	Asst. Professor	9703447916	
26	5437	Mr.A.Srinivasa Rao	Asst. Professor	9985671577	
27	5441	Ms.P.Gayatri	Asst. Professor	9494841792	
28	5445	Mr.Y.Ayyappa	Asst. Professor	9291444345	
29	5460	Mr.S.Siva Kumar	Asst. Professor	9840093979	— leave —
30	5472	Ms.S.Harika	Asst. Professor	9248782212	
31	5508	Dr.Naveen Kumar	Asst. Professor	8807123596	
32	5919	M.Anila	Asst. Professor	9502378201	
33	5910	G.K. Chakravarthi	Asst. Professor	6300355119	
34	6017	T. Yamini	Asst. Professor	9962447935	
35	5972	P. Neelakanteswara	Asst. Professor	8309591688	
36	4870	Shilpa Itnal	Asst. Professor	8686286581	
37	5965	J. Nagaraja	Asst. Professor	9894972500	
38	5951	Ch. Naresh	Asst. Professor	9110552140	
39	5890	Dr. M.Anusha	Assoc.Professor	9703912021	

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DEPARTMENT OF MATHEMATICS

6/8/2021








































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5/8/2021

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