Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

Re-Accredited by NAAC with B Grade

Department of Mathematics

Add-On Course Documents

Title: REASONING   **Academic Year:2021-22**

S.No	Particulars
1	Declaration
2	Permission letter
3	BOS Request Letter
4	Brochure
5	Notice
6	Syllabus
7	Timetable
8	Attendance
9	Summary Report
10	Model certificate
11	Question Paper
12	Marks Sheet

COURSE INCLUDES

- •Alphabet Test
- •Arithmetical Reasoning
- •Blood Relations
- •Calendar and clock test
- •Coding-Decoding
- •Cubes & Dices test
- •Sitting arrangement
- •Data Sufficiency
- •Puzzel test

COURSE OUTCOMES

- •Students will be familiar with alphabet test .
- •Question related to blood relations.
- •Students will be able to solve calendar clock test.
- •Number series,non verbal series.
- •Syllogism.

TO JOIN CONTACT

- •Mr.Husenappa
(Department Of Mathematics)

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE RAICHUR

RE-ACCREDITED BY NAAC WITH 'B' GRADE

DEPARTMENT OF MATHEMATICS 2021-22

OFFERS COURSE ON

REASONING

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, *M.Sc.,Ph.D.,MBA.*
PRINCIPAL

Date: 4/10/2021

ORDER

Sub: Meeting of Board of Studies members

A meeting of the following BoS is hereby convened on 15/10/2021 at 11:00 AM in the Department of Mathematics, LVD College, Raichur.

BOARD OF APPOINTMENT OF BOS MEMBERS FOR ADD-ON COURSE

<u>**MATHEMATICAL REASONING**</u>

1) **Dr. C. SULOCHANA**
    Professor & Chairperson
    Department of Mathematics
    Gulbarga University, Kalaburgi

    Chairman

2) **SRI. SUBRAMANYAM**
    Retd. Associate Professor
    Department of Mathematics
    LVD College, Raichur

    Member

3) **SRI. K PURUSHOTTAMACHARYA**
    HoD, Associate Professor
    Department of Mathematics
    LVD College, Raichur

    Member

The Chairman and the members are requested to make it convenient to attend the BOS Meeting

PRINCIPAL
PRINCIPAL
L.V.D. College, RAICHUR-03.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, *M.Sc.,Ph.D.,MBA.*
PRINCIPAL

Office of the Principal
Ph:(08532)-240286, 240707
Fax:+918532 240707
e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

To
Dr. C. SULOCHANA
Professor & Chairperson
Department of Mathematics
Gulbarga University, Kalaburgi

Respected Madam,

Sub: Request to act as a Chairman, Board of Studies for an Add-on

Course in Mathematics

With respect to the above-cited subject, you have been appointed as a

chairman, of the Board of Studies for the Add-on Course titled *Mathematical*

Reasoning during the year 2021-22. The BoS meeting will be held on 15-10-

2021 at the Department of Mathematics to formulate the syllabus and pattern of

course architecture.

Kindly do the needful.

With Warm Regards

HoD

H. O. D.
Department of Mathematics
L.V.D. College, RAICHUR.

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, M.Sc.,Ph.D.,MBA.
PRINCIPAL

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e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

To

SRI. SUBRAMANYAM
Retd. Associate Professor
Department of Mathematics
LVD College, Raichur

Respected sir,

Sub: Request to act as a Member, of the Board of Studies for an Add-on
Course in Mathematics

With respect to the above-cited subject, you have been appointed as a
Member, of the Board of Studies for the Add-on Course titled *Mathematical
Reasoning* during the year 2021-22. The BoS meeting will be held on 15-10-
2021 at the Department of Mathematics to formulate the syllabus and pattern of
course architecture.

Kindly do the needful.

With Warm Regards

HoD

H. O. D.
Department of Mathematics
L.V.D. College, RAICHUR

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
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Dr.Venkatesh B. Devaru, *M.Sc.,Ph.D.,MBA.*
PRINCIPAL

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e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

To,

SRI. K PURUSHOTTAMACHARYA
HoD, Associate Professor
Department of Mathematics
LVD College, Raichur

Respected sir,

Sub: Request to act as a Member, of the Board of Studies for an Add-on
Course in Mathematics

With respect to the above-cited subject, you have been appointed as a
Member, of the Board of Studies for the Add-on Course titled *Mathematical
Reasoning* during the year 2021-22. The BoS meeting will be held on 15-10-
2021 at the Department of Mathematics to formulate the syllabus and pattern of
course architecture.

Kindly do the needful.

With Warm Regards

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, M.Sc.,Ph.D.,MBA.
PRINCIPAL

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Fax:+918532 240707
e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

Date: 3/9/2022

ORDER

Sub: Meeting of Board of Studies members

A meeting of the following BOS constituted is hereby convened on 13/09/2022 at 11:00 AM in the Department of Mathematics, LVD College, Raichur.

BOARD OF APPOINTMENT OF BOS MEMBERS FOR ADD-ON COURSE

BASIC OF MATHEMATICS

1) Dr. C. SULOCHANA
Professor & Chairperson
Department of Mathematics
Gulbarga University, Kalaburgi

Chairman

2) SRI. SUBRAMANYAM
Retd. Associate Professor
Department of Mathematics
LVD College, Raichur

Member

3) SRI. K PURUSHOTTAMACHARYA
HoD, Associate Professor
Department of Mathematics
LVD College, Raichur

Member

The Chairman and the members are requested to make it convenient to attend the BOS Meeting

PRINCIPAL
PRINCIPAL
L.V.D. College, RAICHUR-03.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, *M.Sc.,Ph.D.,MBA.*
PRINCIPAL

Office of the Principal
Ph:(08532)-240286, 240707
Fax:+918532 240707
e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

To
Dr. C. SULOCHANA
Professor & Chairperson
Department of Mathematics
Gulbarga University, Kalaburgi

Respected Madam,

Sub: Request to act as a Chairman, Board of Studies for an Add-on Course in Mathematics

With respect to the above-cited subject, you have been appointed as a chairman, of the Board of Studies for the Add-on Course *Basic of Mathematics* during the year 2022-23. The BoS meeting will be held on 13-10-2022 at the Department of Mathematics to formulate the syllabus and pattern of course architecture.

Kindly do the needful.

With Warm Regards

HoD

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

H. O. D.
Department of Mathematics
L.V.D. College, RAICHUR.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
(Affiliated to Gulbarga University, Kalaburagi. Re-Accredited by NAAC with "B" Grade)

Dr.Venkatesh B. Devaru, M.Sc.,Ph.D.,MBA.
PRINCIPAL

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e-mail: lvdrcr@gmail.com
Website:www.lvdcollege.com

To

SRI. SUBRAMANYAM
Retd. Associate Professor
Department of Mathematics
LVD College, Raichur

Respected sir,

Sub: Request to act as a Member, of the Board of Studies for an Add-on
Course in Mathematics

With respect to the above-cited subject, you have been appointed as a
Member, of the Board of Studies for the Add-on Course titled *Basic of
Mathematics* during the year 2022-23. The BoS meeting will be held on 13-09-
2022 at the Department of Mathematics to formulate the syllabus and pattern of
course architecture.

Kindly do the needful.

With Warm Regards

HoD

H. O. D.
Department of Mathematics
L.V.D. College, RAICHUR.

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

Taranath Shikshana Samsthe

LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.
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Dr.Venkatesh B. Devaru, *M.Sc.,Ph.D.,MBA.*
PRINCIPAL

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To,

SRI. K PURUSHOTTAMACHARYA
HoD, Associate Professor
Department of Mathematics
LVD College, Raichur

Respected sir,

Sub: Request to act as a Member, of the Board of Studies for an Add-on
Course in Mathematics

With respect to the above-cited subject, you have been appointed as a
Member, of the Board of Studies for the Add-on Course titled *Basic of
Mathematics* during the year 2022-23. The BoS meeting will be held on 13-09-
2022 at the Department of Mathematics to formulate the syllabus and pattern of
course architecture.

Kindly do the needful.

With Warm Regards

Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.
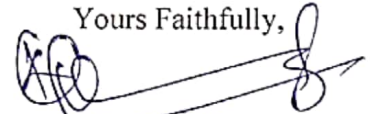
To
The Principal,
LVD College,
Raichur.

Respected Sir,

Sub: Requisition for the permission to start an Add _On course

    We the department of Mathematics requesting you to grant permission to start an Add On course on **"REASONING"** for B.Sc I semester students of 2021-22 batch, which helps students to increase their IQ level, memory power & it saves calculation time. The details of related syllabus and its duration are enclosed

Thanking You,

Yours Faithfully,

H. O. D.
Department of Mathematics,
L.V.D. College, RAICHUR,

permitted

From
HoD,
Department of Mathematics.

Taranath Shikshana Samste

Laxmi Venkatesh Desai College, Raichur

Affiliated to Raichur University, Raichur & Re-Accredited by NAAC with B Grade
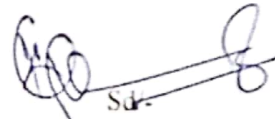
Department of Mathematics

Notice

Interested B.Sc I Semester students of 2021-22 are here by informed to attend and take the advantage of the ADD ON course on

"REASONING"

Starts on *December*, 2021 at 4:10 PM to 5:00 PM

Date: 04-11-2021

Sd.-
Department of Mathematics
H. O. D.
Department of Mathematics
L.V.D. College, RAICHUR.

BSC II year

B.C.A I year

B.A III year

BSC I year

LAXMI VENKATESH DESAI COLLEGE
DEPARTMENT OF MATHEMATICS
SYLLSBUS OF ADDON COURSE

COURSE TITLE- REASONING

Course Outcome : Students will be familiar with alphabet test,blood relations. Students will be able to solve calendar clock test, number series ,non verbal series and syllogism.

REASONING   31 hours

1. Alphabet Test
2. Analogy
3. Arithmetical Reasoning
4. Blood Relations
5. Calendar and clock test
6. Classification
7. Coding-Decoding
8. Cubes & Dices test
9. Number Series
10. Sitting arrangement
11. Directions
12. Odd man out
13. Data Sufficiency
14. Mathematical operators
15. Non verbal series
16. Puzzle test
17. Series Completion
18. Syllogism

References:

1. Test of Reasoning by **Jaikishan-Premkishan**
2. Champions Reasoning by **Saurav singh**
3. New Approach to Reasoning by **BS Sijwali & Indu Sijawali**
4. Reasoning verbal and non verbal by **Shri Krishna Publishers Pvt.Ltd.**

H.O.
Department of Mathematics
L.V.D. College, RAICHUR.

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Department of Mathematics 2021-22

Class: BSc I Sem

Course title: **REASONING** Faculty Name: Husenappa

Sl.No	Register No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
01	2021UGS009	Hemanth																														
02	011	Channabasava																														
03	021	Amogh G																														
04	033	Girish																														
05	046	Bhavitha																														
06	054	Anushatha																														
07	080	pushpa																														
08	081	Hema																														
09	092	preeti singh																														
10	118	H S Mahesh																														
11	150	Ushmitha																														
12	156	pavitra																														
13	164	K Mahalaxmi																														
14	183	Suvarna																														
15	188	M R Sahana																														

Signature of Faculty

Signature of HOD
H.O.D.
Department of Mathematics
L.V.D. College, RAICHUR.

Signature of Principal
PRINCIPAL
L.V.D. College, RAICHUR-03.

#	Roll No.	Name	Attendance
	U23AB2450023	Deepa	
	0028	Bhagyashree	
	0039	Nandini	
	0054	Sunita	
20	0063	Chaitra	
21	0091	Shivaputra	
22	0094	Shashank.V.K	
23	0155	Ashwini	
24	0162	Hemavathi	
25	0173	Rajani	
26	0095	Sindhu. D	
27	0106	Devamma	
30	0186	Shambhavi	
31	0027	K.Shivappa	
32	0198	Sanjay Kumar	

Signature of Faculty

Signature of HOD
Department of Mathematics
L.V.D. College, RAICHUR.

Signature of Principal
PRINCIPAL
L.V.D. College, RAICHUR.

Laxmi Venkatesh Desai College, Raichur

Affiliated to Raichur University, Raichur & Re-Accredited by NAAC with B Grade

Department of Mathematics

Report of ADD ON course- **REASONING** for the year 2021-22

DURATION	STARTED ON	COMPLETED ON	FACULTY NAME	NO.OF STUDENTS	NO. OF CLASSES
2 Months	4-12-2021	7-01-2022	Varsha	57	30

Reasoning course will buid students
I.Q level and helps to crack the
competative exams.

H.O.D.
Department of Mathematics
L.V.D. College, RAICHUR.

Taranath Shikshana Samsthe

Laxmi Venkatesh Desai College, Raichur

Re-Accredited by NAAC with B grade

DEPARTMENT OF MATHEMATICS

Subject: Reasoning

SR.NO	REG.NO.	STUDENT NAME	SIGNATURE	MARKS
1	U23AB21S0021	HEMANTH		15
2	U23AB21S0024	CHANNABASAVA		19
3	U23AB21S0031	AMOGH GUTTAL		18
4	U23AB21S0043	GIRISH		14
5	U23AB21S0053	K BHAVITA		17
6	U23AB21S0059	AKSHATHA		18
7	U23AB21S0084	PUSHPA		16
8	U23AB21S0085	HEMA		18
9	U23AB21S0097	PREETI SINGH		16
10	U23AB21S0123	H S MAHESH		14
11	U23AB21S0154	USHMITHA Y S		15
12	U23AB21S0160	PAVITRA S		14
13	U23AB21S0168	K MAHALAKSHMI		17
14	U23AB21S0188	SUVARNA		18
15	U23AB21S0194	MR SAHANA		16
16	U23AB21S0023	DEEPA		17
17	U23AB21S0028	BHAGYASHREE		18
18	U23AB21S0039	NANDINI		19
19	U23AB21S0054	SUNEETHA		16
20	U23AB21S0063	CHAITRA		17
21	U23AB21S0091	SHIVAPUTRA		15
22	U23AB21S0094	SHASHANK V K		14
23	U23AB21S0155	ASHWINI		16
24	U23AB21S0162	HEMAVATHI		17
25	U23AB21S0173	RAJANI		18
26	U23AB21S0095	SINDHU D		17
27	U23AB21S0106	DEVAMMA		16
28	U23AB21S0186	SHAMBHAVI		16
29	U23AB21S0027	K SHIVAPPA		14
30	U23AB21S0198	SANJAY KUMAR		15

SR.NO	REG.NO.	STUDENT NAME	SIGNATURE	MARKS
31	U23AB21S0016	MEGHA MANDHARA		32
32	U23AB21S0022	VEERESH M		38
33	U23AB21S0030	GULAM NABI		29
34	U23AB21S0035	ANURADHA		29
35	U23AB21S0040	LAXMI G K		23
36	U23AB21S0049	B V PREM KUMAR		30
37	U23CA21S0007	S. MONIKA		38
38	U23AB21S0055	RADHA		39
39	U23AB21S0056	BASALINGAMMA		33
40	U23AB21S0072	BHAGYALAXMI		30
41	U23AB21S0117	BHAGYA		31
42	U23AB21S0060	GURULINGAYYA HIREMATH		30
43	U23AB21S0142	AMBIKA DHARANI		32
44	U23AB21S0081	KUMAR A		29
45	U23AB21S0115	SUMANGALA		30
46	U23AB21S0128	MADHUSUDHAN SAGAR		31
47	U23AB21S0196	K KARTHIK REDDY		30
48	U23AB21S0363	BASAVA PRASAD		37
49	U23AB21S0073	SUNITA		36
50	U23AB21S0164	VIJAYALAXMI		37
51	U23AB21S0172	S BHAGYARAJ PAWAR		39
52	U23AB21S0191	PAVITRA		31
53	U23AB21S0053	K BHAVITA		31
54	U23AB21S0190	SAHEBAGOUDA CHANNANNA SARASAMBI		33
55	U23AB21S0160	PAVITRA S		28

Husenappa

Name: K. Mahalakshui class: Isem.
Reg No: U23AB21S0168.
(UUchsNo):

Taranath Shikshana Samsthe

Laxmi Venkatesh Desai College, Raichur

Re-Accredited by NAAC with B grade

DEPARTMENT OF MATHEMATICS

Subject: Reasoning

Answer the following questions.

Date:
Marks: 1X25=25
Duration: 30 mins

1. If AIRLINE is written as ENILRIA7, then RAILWAY will be written as -
   a. YAWLIAR7
   b. YAWLIAR8
   c. YAWILAR7
   d. YAWILAR8

2. Which number should come next in the series 1, 2, 3, 10, ___
   a. 79
   b. 99
   c. 89
   d. 98

3. If PINK is coded as 1691411, then RED will be coded as -
   a. 1963
   b. 1854
   c. 1853
   d. 1954

4. Which of the following is the odd one from the given alternatives?
   a. Diving
   b. Swimming
   c. Sailing
   d. Driving

5.Statement 1: John runs faster than George
Statement 2: Tom runs faster than John
Statement 3: B is greater than D
If statement 1 and statement 2 are true, statement 3 will be -
   a. False
   b. true
   c. uncertain
   d. None of the above

6.Arrange the following words in a meaningful sequence -

1. Frog
2. Grass
3. Grasshopper
4. Eagle
5. Snake

    a. 3, 2, 1, 4, 5

    b. 2, 1, 3, 4, 5

    c. 4, 5, 1, 3, 2

    d. 2, 3, 1, 5, 4

7.Marathon is to race as hibernation is to -

    a. summer

    b. sleep

    c. bear

    d. winter

8.The day before yesterday was Saturday. What will be the day after tomorrow?

    a. Friday

    b. Wednesday

    c. Monday

    d. Thursday

9.Statement: It is suggested to put a child in school at the age of 4.

Assumptions:
i) Schools do not admit children after the age of 4.
ii) At this age, the child is ready to learn new things.

    a. Assumption 2 is true.

    b. Assumption 1 is true.

    c. Both assumptions 1 and 2 are true.

    d. Neither assumption 1 true nor assumption 2 true.

10. A book always has -

    a. Story
    b. Binding
    c. Content
    d. Pages

11. Drama : Stage :: Tennis : ?
    a. Court
    b. Tournament
    c. Racket
    d. Net

12. Which of the following set of letters complete the letter series, when sequentially placed at the gaps?

_ ab _ b _ aba _ _ abab

    a. abbaa
    b. abaab
    c. aaaba
    d. abbab

13. I. All flowers in the garden are red.
    II. Some of the flowers are roses.
    III. All roses in the garden are red.
    If the first two statements are true, the third statement is
    a. True
    b. Uncertain
    c. False
    d. None of the above

14. If the word 'LION' is coded as LMGJ. How is 'MILK' written in that code?

    a. KLIM
    b. KILM
    c. IJGK
    d. JKFL

15. Which of the following is different from others?

    a. Blacksmith
    b. Tailor
    c. Carpenter
    d. Barber

16. Which of the following pairs of words are differently related?

 a. Slow : Sluggish
 b. Stale : Fresh
 c. Truth : Lie
 d. Kind : Cruel

17. Which of the following pairs of words are differently related?

 a. Slow : Sluggish
 b. Stale : Fresh
 c. Truth : Lie
 d. Kind : Cruel

18. Assertion (A): Diamond is used for cutting the glass.
Reason (R): The refractive index of diamond is high.
 a. A is true, but R is false.
 b. A is false, but R is true.
 c. Both A and R is false.
 d. Both A and R is true, but R is not the correct explanation of A.
 e. Both A and R is true, and R is the correct explanation of A.

19. Raman says "Anuj's mother is the only daughter of my mother." How is Anuj related to Raman?

 a. Nephew
 b. Father
 c. None of the above
 d. Brother

20. Looking at the portrait of a man, Mohan said, "His mother is the wife of my father's son and I have no brother and sister." at whose portrait was Mohan looking?
 a. His son
 b. His cousin
 c. His nephew
 d. His sister

21. A factory always has -

 a. Workers
 b. Air conditioners
 c. Chimneys
 d. Files

22. Which number is wrong in the series 2, 6, 15, 31, 56, 93?

   a. 31

   b. 56

   c. 93

   d. 6

23. Statement: If it is easy to become a doctor, I don't want to be a doctor.

Assumptions:

i) A candidate wants to be professional.

ii) One wants to achieve a thing which is hard-earned.

   a. Assumption 2 is true.

   b. Assumption 1 is true.

   c. Both assumptions 1 and 2 are true.

   d. Neither assumption 1 true nor assumption 2 true.

24. Which of the following set of letters complete the letter series, when sequentially placed at the gaps?

bca _ b _ aabc _ a _ caa

   a. bcbb

   b. acab

   c. cbab

   d. ccab

25. A thermometer is to temperature as a compass is to -

   a. Pressure

   b. Direction

   c. Needle

   d. None of the above

1. ,YAWLIAR7
2. 99
3. 1854
4. Driving
5. False
6. 2, 3, 1, 5, 4
7. sleep
8. Wednesday
9. Assumption 2 is true
10. Pages
11. Court
12. aaaba
13. True
14. IJGK
15. Barber
16. Slow : Sluggish
17. Slow : Sluggish
18. Both A and R is true, but R is not the correct explanation of A.
19. Nephew
20. His son
21. Workers
22. 93
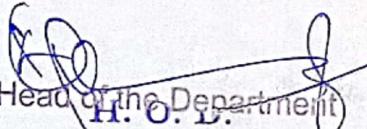23. Assumption 2 is true
24. acab
25. Direction

Taranath Shikshana Samsthe
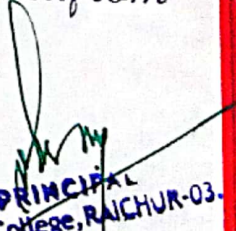
LAXMI VENKATESH DESAI COLLEGE RAICHUR

(Re-Accredited by NAAC with 'B' Grade)

Certificate

This is to Certify that Miss. / Mr. **K. Mahalakshmi**
of **BSc I sem** has completed the Certificate Course in
Mathematical Reasoning
Conducted by the Department of **Mathematics** from
1-12-2021 to **7-1-2022**

Head of the Department
H. O. D.
Department of Mathematics

L.V.D. COLLEGE RAICHUR

PRINCIPAL
L.V.D. College, RAICHUR-03.
Principal