



**H.K.E. SOCIETYS  
B.V.BHOOMARADDI ARTS, SCIENCE AND  
COMMERCE COLLEGE, BIDAR**



**Value added course on Logical Reasoning  
2021-22**

**Course Co-ordinator**

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**Smt. Radhika Mundase  
Assistant Professor in Mathematics**





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COMMERCE COLLEGE, BIDAR**



## **Value added Course on Logical Reasoning**

**Preamble:** This course will provide an introduction to logical reasoning and aptitude. This course will cover number of topics such as data interpretation, verbal reasoning, basic mathematical relations and formula. Arithmetic operations and visualizations etc. This course will prepare the students for competitive examinations.

### **Objectives:**

- To develop the logical reasoning and aptitude
- Inculcating the problem solving skills
- To skill them for data interpretation

### **Instructional Design:**

This course is of 40-hour duration which includes theory classes and assignments etc.

**Medium of Instruction:** English

### **Course Structure and Examination Scheme:**

#### **Total contact hours:**

Theory Classes:	20 Hours
Assignment:	10 Hours
<hr/>	
	30 Hours

#### **Mode of Examination:**

MCQ Exam:	60 Marks
Assignments:	40 Marks

**Eligibility:** Students enrolled in UG

**No. of Seats:** 25



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**Meeting Minutes for Institutional Board of Studies for Value added Course on  
Logical Reasoning held on 20/08/2021**

The institutional Board of Studies of the Department of Mathematics for the value added course on Logical Reasoning held on 20/08/2021 in Department of Mathematics at 10:30 am.

SI No.	Name	Institute	Designation
1	Smt. Radhika Mundase	Head Department of Mathematics, BVBDC, Bidar.	Chairman
2	Kum. Geetashri	Assistant Professor, Department of Mathematics, BVBDC, Bidar.	Member
3	Sri. Nilkanth Shetkar	Assistant Professor, Department of Mathematics, BVBDC, Bidar.	Member
4	Dr. Dhanraj Patil	Assistant Professor, Department of Mathematics, GND College, Bidar	External Expert

In the beginning of the meeting the Chairman of the BOS Smt.Radhika Mundase welcomed all members and briefed them about the academic activities of the Department of Mathematics . The members expressed their highly appreciation and satisfaction about the courses and activities of the department.

After that institutional BOS discussed and resolved the following items:

**Item 1. Starting of the value added course on Logical Reasoning.**

The BOS discussed the item and resolved to start the value added course on Logical Reasoning.

**Item 2. Approval of the Syllabus for value added course.**

The BOS discussed and approved the syllabus for the value added course on Logical Reasoning.





**Item 3. Approval of admission criteria**



The BOS discussed and approve the criteria for admission and resolved that any students enrolled in UG or PG course in BVBDC can enrol in this course. In addition to this BOS also finalized the exam pattern.

Meeting of the BOS was concluded with the vote of thanks by kum.Geetashri, Assistant Professor in Department of Mathematics.

The following members were present in the meeting:

- Smt. Radhika Mundase 
- Kum. Geetashri 
- Sri. Nilkanth Shetkar 
- Dr. Dhanraj Patil 



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**Value added Course on Logical Reasoning  
Time-Table (2021-22)**

DATE/TIME	8 TO 9	9 TO 10	10 TO 11	11 TO 12	1 to 2
05-09-2021	Theory	Theory	Theory	Theory	Assignment
12-09-2021	Theory	Theory	Theory	Theory	Assignment
19-09-2021	Theory	Theory	Theory	Assignment	Assignment
26-09-2021	Theory	Theory	Theory	Assignment	Assignment
03-10-2021	Theory	Theory	Theory	Assignment	Assignment
10-10-2021	Theory	Theory	Theory	Assignment	Assignment
17-10-2021	Theory Exam				

*Ajba*  
HOD

(Dept. of Mathematics)

  
PRINCIPAL  
B.V.Bhoomaraddi College  
of Arts, Science & Commerce  
BIDAR-585 403.

Date: 16/08/2021

To,  
The Principal  
B.V.Bhoomaraddi Arts, Science and Commerce College, Bidar

Sub: Request to grant permission to start value added course on Logical Reasoning from the academic year 2021-22: Reg.

Respected Sir,

As per the guidelines issued by IQAC, we would like to start the add-on course on "Logical Reasoning" from the academic year 2021-22: with intake of 25 students. Please permit us to start the value added course and do the needful.

Thanking You.



Head

Department of Mathematics



PRINCIPAL  
B.V.Bhoomaraddi College  
of Arts, Science & Commerce  
BIDAR-585 403.





## **Value added Course on Logical Reasoning**

### **Syllabus**

**Module I:** Data sufficiency, Measurement, Time and distance, Arithmetic, Relationship between numbers

**Module II:** Basic mathematical relations and formula, Computation, Data interpretation

**Module III:** Differences, Discrimination, Decision-making, Judgment, Problem-solving, Analogies, Analysis

**Module IV:** Arithmetic reasoning, Relationship concept, Arithmetic number series, Similarities, Verbal and figure classification, Space visualization, Observation

### **REFERENCES**

- How to Prepare for Logical Reasoning for the CAT by Arun Sharma
- Logical and Analytical Reasoning by A.K. Gupta



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Date: 24/08/2021

**NOTICE**

All the students are hereby informed that, the Department of Mathematics is starting the value added course on **Logical Reasoning** from the **05/09/2021**, interested students can enrol their names on or before **31/08/2021** in the Department of Mathematics.

*M.S.*

**HOD**

*(Dept. of Mathe mahly)*

*[Handwritten Signature]*

Principal

**PRINCIPAL  
B.V.Bhoomaraddi College  
of Arts, Science & Commerce  
BIDAR-585 403.**





Value added Course on Logical Reasoning

Enrolment List

SL.No	NAME OF THE STUDENT	Signature
1	Bhagyashree Sharnappa	Bhagyashree
2	Laxmi Basvaraj	Laxmi
3	Kalpana Deepak Kumar	Kalpana
4	Malashree Jaganath	Malashree
5	Shivani Shankar	Shivani
6	Ambika Balbheemrao	Ambika
7	Ambadas Haridev	Ambadas
8	Sachin Shivraj	Sachin
9	Parameshwar Ramrao	Parameshwar
10	Sushant Sunil	Sushant
11	Harishkumar Maruti	Harishkumar
12	Shakuntala Vaijnath	Shakuntala
13	Bhagwath Bhawrao	Bhagwath
14	Sachin Tukaram	Sachin
15	Shivkumar Subash	Shivkumar
16	Sonysneha Dhanraj	Sonysneha
17	Anand Ravi	Anand
18	Archana Sureshkumar	Archana
19	Sunil Veersingh	Sunil
20	Sharnappa Prabhurao	Sharnappa
21	Amulya Anilkumar	Amulya
22	Gopal Ravan	Gopal
23	Nivedita Sripati	Nivedita
24	Sujata Sanjukumar	Sujata
25	Akkamahadevi Prabhu	Akkamahadevi
Sign of Faculty		

AKR  
HOD  
Dept. of Mathematics

PRINCIPAL  
B.V.Bhoomaraddi College  
of Arts, Science & Commerce





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COMMERCE COLLEGE, BIDAR



Value added Course on Logical Reasoning  
Marks List (2021-22)

SL.No	NAME OF THE STUDENT	Assignment	Examination	Total
1	Bhagyashree Sharnappa	35	56	91
2	Laxmi Basvaraj	32	56	88
3	Kalpna Deepak Kumar	37	58	95
4	Malashree Jaganath	36	54	90
5	Shivani Shankar	32	58	90
6	Ambika Balbheemrao	32	56	88
7	Ambadas Haridev	32	56	88
8	Sachin Shivraj	32	56	88
9	Parameshwar Ramrao	32	52	84
10	Sushant Sunil	31	56	87
11	Harishkumar Maruti	30	55	85
12	Shakuntala Vaijnath	37	52	89
13	Bhagwath Bhawrao	36	52	88
14	Sachin Tukaram	31	54	85
15	Shivkumar Subash	32	52	84
16	Sonysneha Dhanraj	32	58	90
17	Anand Ravi	38	56	94
18	Archana Sureshkumar	36	54	90
19	Sunil Veersingh	32	54	86
20	Sharnappa Prabhurao	35	54	89
21	Amulya Anilkumar	37	56	93
22	Gopal Ravan	38	58	96
23	Nivedita Sripati	36	56	92
24	Sujata Sanjukumar	32	58	90
25	Akkamahadevi Prabhu	32	56	88
Sign of Faculty				

Mica  
HOD  
(Dept. of Mathematics)

  
PRINCIPAL  
B.V.Bhoomaraddi College  
of Arts, Science & Commerce  
BIDAR-585 403.

4. 'Q' type product sold by Ajay is how much less than 'Q' type product sold by Shubham if total product sold by Shubham is 55% more than total products sold by Ajay.
- A. 120
  - B. 60
  - C. 3
  - D. None of these
5. Find the average of number of Bronze medals won by India, Korea and Indonesia taken together in Asian Games.
- A. 18
  - B. 22
  - C. 25
  - D. 30
6. Find the average total revenue (revenue from printed version + revenue from online version) from Rajasthan, over the months.
- A. 3,96,800
  - B. 3,96,600
  - C. 3,96,500
  - D. 3,29,000

**H.K.E Society's**  
**B.V.BHOOMARADDI ART, SCIENCE AND COMMERCE COLLEGE**  
**BIDAR**  
**VALUE ADDED COURSE COMMON ENTRANCE EXAMINATION**

**DEPARTMENT OF MATHEMATICS**

**SUBJECT: MATHEMATICS** *MC*

**Name of the Candidate :** *Malashree*

**Class :** *BSC 1<sup>st</sup>*

**Max. Marks: 60**

Q.N	Options	Q.N	Options	Q.N	Options
1	<del>a</del> b c d	11	<del>a</del> b c d	21	a <del>b</del> c d
2	a <del>b</del> c d	12	a <del>b</del> c d	22	a b <del>c</del> d
3	a <del>b</del> c d	13	a <del>b</del> c d	23	a b c <del>d</del>
4	a b <del>c</del> d	14	<del>a</del> b c d	24	a <del>b</del> c d
5	a b <del>c</del> d	15	a b <del>c</del> d	25	a b <del>c</del> d
6	a b c <del>d</del>	16	a b c <del>d</del>	26	a <del>b</del> c d
7	a <del>b</del> c d	17	a b c <del>d</del>	27	<del>a</del> b c d
8	<del>a</del> b c d	18	a <del>b</del> c d	28	a b <del>c</del> d
9	a b <del>c</del> d	19	a b <del>c</del> d	29	a <del>b</del> c d
10	a b c <del>d</del>	20	a <del>b</del> c d	30	a b c <del>d</del>

*Malashree*

**Sign of candidate**

*[Signature]*

**sign of Invigilator**



ಬಿ.ವಿ. ಭೂಮರಡ್ಡಿ ಕಲಾ, ವಿಜ್ಞಾನ ಹಾಗೂ ವಾಣಿಜ್ಯ ಮಹಾವಿದ್ಯಾಲಯ, ಬೀದರ  
**B.V. BHOOMARADDI COLLEGE OF ARTS, SCIENCE & COMMERCE, BIDAR**

(Affiliated to Gulbarga University, Kalaburagi)

Department of Mathematics

## CERTIFICATE

This is to certify that Kum./Kumari Malashree of

B.sc I Bearing Register No. / Roll No. U09AB2150019 has

Successfully completed add-on Course/Certificate course in Logical Reasoning

during the academic year 20..21...-20..22..

[Signature]  
 Head of the Dept.

[Signature]  
 IQAC Co-ordinator

[Signature]  
 Principal