B.L.D.E. Association's S.B. ARTS AND K.C.P. SCIENCE COLLEGE VIJAYAPUR



DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE ON APTITUDE 2023-24

Course Code: 23UGVAMAT02

Course Co-ordinator: Dr. Shreekant Patil





DEPARTMENT OF MATHEMATICS

CONTENTS

Sl. No	Title
1.	Permission Letter
2.	Value Added Committee
3.	Syllabus
4.	Admission Notice
5.	List of Faculty
6.	Student Enrolment List
7.	Time Table
8.	Student Attendance
9.	Notice for Examination
10.	Exam Attendance
11.	Question Paper
12.	Result
13.	Feedback of VAC
14.	Report of VAC
15.	Certificates
16.	Outcome





DEPARTMENT OF MATHEMATICS

Date:15-11-2023

To

The Principal

S.B. Arts and K.C.P Science College Vijayapur

Subject: Permission for conducting Value added Course in Mathematics Department on Aptitude for B.Sc II sem student.

Respected Madam

We are planning to conduct value added course entitled "Aptitude" for B.Sc II semester students. The course helps the students to develop skills that can improve their employability, prepare them for the future competitive exams and help them successes in college and beyond. Herewith, we kindly request you to grant permission for conducting the same.

Objective: To provide better understanding of subject and help in enhancing skills and help in competitive exams.

Outcomes: At the end of the course the students will be skilled in solving aptitude problems.

Name of the Department: Mathematics

Title of the course: Aptitude Course code: 22UGVAMAT02

Semester: II

Duration of the course: 30 Hours

Course Coordinator: Dr. Shreekant Patil Type of Assessment: Theory 50 marks

Note: To be discussed in AC Meeting

Propriet;

S.B.Arts & KCP. Sc. College,
Viiavapur.

Vijayapur.

Department of Mathematics S.B. Arts & K.C.P. Science College VIJAYAPUR

Smt.Bangaramma Sajjan Campus, Shri B. M. Patil Road (Solapur Road), Vijayapur-586103 Accredited with CGPA of 2.99 at 'B" Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi) Website:www.bldeasbkcp.ac.in E-mail:bldeasbkcp@gmail.com



Date: 22/11/2023

NOTICE

VALUE ADDED COURSE **Academic Council Meeting 2023-24**

The academic council meeting for value added course was held on 21/11/2023 at 4.00 pm in IQAC chamber. The following value added courses were approved by the committee members for the academic year 2023-24.

SL. No.	Course title	Course code	Department name	Semester
1	Regulated power supply	23UGVAPHY02	Physics(UG)	II SEM
2	Water and soil analysis	23UGVACHE02	Chemistry(UG)	II SEM
3	Sericulture	23UGVAZOO02	Zoology(UG)	II SEM
4	Web designing	23UGVABCA01	BCA(UG)	I SEM
5	Aptitude	23UGVAMAT02	Mathematics(UG)	II SEM
6	Tissue culture techniques	23UGVABOT02	Botany(UG)	II SEM
7	R-Programming	23UGVASAT06	Statistics(UG)	VI SEM
8	Fundamental of Computer hardware	23UGVACS01	Computer Science(UG)	I SEM
9	Sustainable banking and financial inclusion	23UGVAECO01	Economics(UG)	I SEM
10	Anuvad	23UGVAHIN02	II SEM	
11	Web Journalism	23UGVAJMC02	Journalism(UG)	II SEM
12	Sociology of social movements	23UGVASOC02	Sociology(UG)	II SEM
13	Introduction to epigraphy	23UGVAHIS02	History(UG)	II SEM
14	Social policy planning and development	23UGVASWK02	Social work(UG)	II SEM
15	Life skills	23UGVAEDU02	Education(UG)	II SEM
16	Folk literature and forms	23UGVAKAN02	Kannada(UG)	II SEM
17	English for interview skill	23UGVAENG02	English(UG)	II SEM
18	Sarala Sanskrit sambashanam	23UGVASNK02	Sanskrit(UG)	II SEM
19	Training on principles and handing of major instruments	23PGVACHE04	Chemistry (PG)	IV SEM
20	Research methodology	23PGVAPHY03	Physics(PG)	III SEM
21	Computer vision using MATLAB	23PGVACS01	I SEM	
22	Communication skills	23PGVAENG01	MA English(PG)	I SEM

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College. Vijayapur.

S.B. Arts & KCP. Sc. Coller Vijayapur.





DEPARTMENT OF MATHEMATICS

Date: 10-01-2024

The meeting of value added course committee for the academic year 2023-24 was held on 09/01/2024 in the mathematics department to discuss the agenda.

The detailed information about value added course is given below.

Name of the department: Mathematics Title of the course: Aptitude

Course code:23UGVAMAT02

Semester: II SEM

Duration the course: 30 Hours

Course coordinator: Dr. Shreekant Patil

Type of Assessment: 50 Marks theory examination

Sl.	Name of the member	Designation	Signature
NO. 1	Dr. R. M. Mirdhe	Principal	Dunn
2	Dr. P. S. Patil	IQAC Coordinator	
3	Dr. Maheshkumar K	NAAC Coordinator	Kung
4	Dr. Manjunath Jyoti	HOD Mathematics	
5	Dr. Shreekant Patil	Convener, Member	Spall
6	Smt. Suprita Pattanshetti	Member	Preita
7	Mr. Anand Jirli	Member	A9
8	Miss. Laxmi Patil	Member .	Amtu

External Member

SI. NO.	Name of the member	Designation	Signature
1	Prof. K.V. Bhavikatti Associate professor and HOD, Government First Grade College, Vijayapur	Member	KNO

Agenda

- 1) To discuss about introduction of value added course for UG Mathematics student.
- 2) Approval of value added syllabus.

Proceedings

- 1) The meeting of value added course for the academic year 2023-24 started at 10am.
- 2) The HOD Mathematics welcomed all the members of value added course committee.
- 3) The meeting started with discussion of the agenda.
- 4) The meeting concluded with the approval of the syllabus.
- 5) The meeting ended with vote of thanks.

HOD

Department of Mathematics

3. Arts & K.C.P. Science College
VIJAYAPUR

IQAC Coordinator

IQAC, Co-ordinator S.E.Arts & K.C.P.Science College, Vijayapur. Phringia,I

S.B.Arts & KCP. Sc. College Vijayapur.





DEPARTMENT OF MATHEMATICS

Value Added Course 2023-24

Subject code: 23UGVAMAT02

Subject: Aptitude

Syllabus

Hours: 30

Content	Hours
Clock, Calendar.	05
Simple and compound interest.	05
Coding, decoding and number series.	05
Simplification.	05
Data interpretation.	05
Time and work.	05
	Clock, Calendar. Simple and compound interest. Coding, decoding and number series. Simplification. Data interpretation.

HOD.

IQAC Coordinator

IQAC, Co-ordinator 3.B.Arts & K.C.P.Science College, Vijayapur. Principal,

S.B. Arts & KCP. Sc. College, Vijayapur.





DEPARTMENT OF MATHEMATICS

Date: 24-05-2024

Value Added Course

Notice

Our Department is conducting Value added course on "Aptitude" (30 hours duration) for B.Sc. II Semester Students in Mathematics during the year 2023-24. Interested Students can enroll their names to Head of the Department on or before 27-05-2024. Certificate will be issued to students after completing the Value Added Course from the College.

HOD

HOD

Department of Mathematics S.B. Arts & K.C.P. Science College VIJAYAPUR

DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE - APTITUDE

List of the faculty

2023-24

Course Co-ordinator: Dr. Shreekant Patil

Faculty Name:

- 1. Dr. Manjunath Jyoti
- 2. Smt. Suprita Pattanshetti
- 3. Mr. Anand Jirli
- 4. Miss. Laxmi Patil





DEPARTMENT OF MATHEMATICS

Value Added Course-Aptitude

Student Enrolment List 2023-24

Student Enrolment List 2023-24										
SI No.	UUCMS No.	Name of the student								
1.	U15KM23S0235	Praveen Anand Badiger								
2.	U15KM23S0238	Shreyas Budihal								
3.	U15KM23S0243	Bhagyashree Samagond								
4.	U15KM23S0244	Suchitra Shankar Kumbar								
5.	U15KM23S0245	Srushti Kallanna Dhavaleshwar								
6.	U15KM23S0246	Bhuvaneshwari Satappa Bhairashetti								
7.	U15KM23S0250	Soumya Sanganabasappa								
8.	U15KM23S0251	Mallikarjun B Masuti								
9.	U15KM23S0256	Radhika								
10.	U15KM23S0257	Darshan Siddu Mendegar								
11.	U15KM23S0269	Akash								
12.	U15KM23S0275	Vachana								
13.	U15KM23S0276	Soujanya Prakash Jyoti								
14.	U15KM23S0279	Vinut Chalawadi								
15.	U15KM23S0284	Sudha								
16.	U15KM23S0290	Pooja Tellur								
17.	U15KM23S0292	Akash Mahadev Padennavar								
18.	U15KM23S0297	Gangadhar Shamaray Aravattu								
19.	U15KM23S0299	Vijayalaxmi Pacha								
20.	U15KM23S0302	Kaveri Hullur								
21.	U15KM23S0303	Aishwarya Maled								
22.	U15KM23S0304	Praveen Govind Lamani								
23.	U15KM23S0305	Lakshmi Bastawad								
24.	U15KM23S0310	Sharanamma Pujeri								
25.	U15KM23S0312	Soujanya Shreeshail Jevaragi								
26.	U15KM23S0314	Akshata Tukaram Biradar								
27.	U15KM23S0315	Sangamesh								
28.	U15KM23S0317	Bhagyashree								
29.	U15KM23S0318	Sneha Siddappa Siddapur								
30.	U15KM23S0324	Amruta Sanjeev Kalyani								
-		A								

HOD HOD

Department of Mathematics
B. Arts & K.C.P. Science College
VIJAYAPUR

IQAC Coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College, Vijayapur. Principal Principal,

S.B.Arts & KCP. Sc. College, Vijayapur,





DEPARTMENT OF MATHEMATICS

Value Added Course-Aptitude

Subject Code: 23UGVAMAT02

Time Table

Room No. LH10

Time: 08.30am to 09.30am

1toom 1	0. 2111			1	E : 1	Caturday
Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Day	Wienday	7 0.00	A T	MI	CD	AI
Faculty	MJ	SP	AJ	MJ	31	113

SI No	Name of the Teacher	Hours
1	Dr. Manjunath Jyoti- MJ	10
2	Dr. Shreekant Patil- SP	10
3	Mr. Anand Jirli- AJ	10

HOD HOD

Department of Mathematics
S.B. Arts & K.C.P. Science College
VIJAYAPUR

IQAC Coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College, Vijayapur.

Principal S.B.Arts & KCP. Sc. College Vijayapur.

Recommendation of Principal

B.L.D.E ASSOCIATION'S S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR DEPARTMENT OF MATHEMATICS Value Added Course-Aptitude Attendance 2023-24

72160	5	25	26	26	25	32	28	26	26	26	27	4	27	28	27
12182		24	2	22	72	25	25	26	26	26	-	42	26	27	26
14/2		23	25	24	23	24	24	25	25	25	97	26	25	26	25
12196	23	22	24	23	22	23	23	24	25	24	25	25	42	25	24
4052	22	2	22	22	13	22	22	23	29	23	24	24	23	42	23
helps	17	20	22	17	20	17	7		23	22	23	23	22	23	92
4356	20	16	21	20	61	6	2	121	22	9)	12	22	21	22	12
4412	[6]	82	20	٥	8	20	5	20	50	20	21	21	20	7	20
42102	<u>×</u>	8	<u>5</u>	~	∞_	5	8	19	19	19	20	20	19	20	مار
4261	8	上	$\overline{\infty}$	~	一	∞_	8	8	∞	6	61	19	<u>~</u>	19	50
7481	土	16	4	4	4	7	上	4	∞	∞ –	5	∞	8	8	世
41LI	2	5	91	2	1 6	2	2	16	[]	17	~	6	1	-	9)
42151	7	5	7	15	2	7	>	15	16	17	17	91	19	-9	14.13
heihi	2	~	7	7	5	7	7	7	5	9	91	151	7	15	
भवह।	$\bar{\omega}$	12	-3	13	7	2	2	5	ゴ	7	18	14	14	11	13
Name of the Student	Praveen Anand Badiger	Shreyas Budihal	Bhagyashree Samagond	Suchitra Shankar Kumbar	Srushti Kallanna Dhavaleshwar	Bhuvaneshwari Satappa	Soumya Sanganabasappa L	Mallikarjun B Masuti	Radhika	Darshan Siddu Mendegar	Akash	Vachana	Soujanya Prakash Jyoti	Vinut Chalawadi	Sudha
UUCMS	U15KM23S0235	U15KM23S0238	U15KM23S0243	U15KM23S0244	U15KM23S0245	U15KM23S0246	U15KM23S0250	U15KM23S0251	U15KM23S0256	U15KM23S0257	U15KM23S0269	U15KM23S0275	U15KM23S0276	U15KM23S0279	U15KM23S0284
Si.	-	2.	3.	4.	5.	9.	7.	တ်	9.	10.	11.	12.	13.	14.	15.

B.L.D.E ASSOCIATION'S S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR DEPARTMENT OF MATHEMATICS Value Added Course-Aptitude Attendance 2023-24

न्यय	5	=	5	<u>C</u> 1	13	5	5	:	5	1.1	1	13	14	13	12	
4411	=	0	7	=	9	4	2	9	13	13	13	12	1.3	12	1	
70	0	01	11	0	=	2	12	=	12	12	12	11	12	1)	01	
15/30	σ	0	10	6	2	=	Ξ	10	[]	=	11	10	11	0	6	
4460	0	8	0	d	σ	10	10	Q	0.1	10	10	9	01	Ь	Ь	
42190	90	7	σ	8	d	01	б	8	Ь	U	5	0	σ	8	8	
TOPO	7	9	∞	7	8	6	8	1	∞	∞	80	00	5		7	
4150	1+	9	1+	9	t	8	+	9	4	∞	+	£	œ	1+	9	
12/50	9	8	+	5	9	H	9	7	14	+	9	9	4	9	10	
triho	S	2	9	S	9	9	5	5	9	9	5	9	9	12	7-	
नय भेट	7	J	2	5	S	N	5	7	N	N	5	S	S	J	3	1
1450	9	~	7	3	ム	J	٦	M	5	7	4	7	7	3	3	
11/50	2	8	~	c	3	~	3	64	M	~	~	~	2	7	6	
4710	64	2	6	_	4	5	7	_	2	2	67	6	2	7	9:	
7410	-	_	_	٥	-	-	5	0	_	-	_	-	_	-	-	
Name of the Student	Praveen Anand Badiger	Shreyas Budihal	Bhagyashree Samagond	Suchitra Shankar Kumbar	Srushti Kallanna Dhavaleshwar	Bhuvaneshwari Satappa	Soumya Sanganabasappa L	Mallikarjun B Masuti	Radhika	Darshan Siddu Mendegar	Akash	Vachana	Soujanya Prakash Jyoti	Vinut Chalawadi	Sudha	
UUCMS	U15KM23S0235	U15KM23S0238	U15KM23S0243	U15KM23S0244	U15KM23S0245	U15KM23S0246	U15KM23S0250	U15KM23S0251	U15KM23S0256	U15KM23S0257	U15KM23S0269	U15KM23S0275	U15KM23S0276	U15KM23S0279	U15KM23S0284	
SI.	-:	2.	3.	4.	5.	9	7.	∞.	9.	10.	Ξ	12.	13.	14	15.	

4	2	74	73	7	7-	13	2	14	14	7	7	14	\sim	\bar{r}
$\overline{\omega}$	2	$\overline{\omega}$	2	8	13	7	3	13	4	13	4	13	12	14
12	=	12	=	12	2	=	12	12	2	12	13	12	12	13
=	9	2	0_	=	=	0)	=	=	5	=	12		=	7
0	0	=	6	0	0	6	0	0)	=	0	=	01	٩	01
5	∞	0	8	σ	5	∞	Ó1	Ь	0,	0	0	σ	σ	5
<i>6</i> €	∞	6	∞	œ	∞	4	σ	∞	σ	∞	σ	∞	∞	σ
4	4	∞	+	+	₩	9	W	14	∞	4	∞	1	4	∞
1+	9	4	9	9	+	2	4	#	4	9	1+	9	9	14
O	2	9	6	8	9	5	9	9	9	9	9	Ŋ	N	9
N	2	N	10	5	S	ነ	S	S	N	N	N	7	7	N
7	7	7	7	7	4	3	7	7	7	7	7	3	w	5
3	3	ω	3	3	3	8	\sim	~	8	\sim	M	~	4	W
6	2	2	7	2	6	2	7	6	2	2	2	d	9	9
_	_	1	_	_	_	_	-	-	_	-	-	-	_	- 3
Pooja Tellur	Akash Mahadev Padennavar	Gangadhar Shamaray Aravattu	Vijayalaxmi Pacha	Kaveri Hullur	Aishwarya Maled	Praveen Govind Lamani	Lakshmi Bastawad	Sharanamma Pujeri	Soujanya Shreeshail Jevaragi	Akshata Tukaram Biradar	Sangamesh	Bhagyashree	Sneha Siddappa Siddanur	Amruta Sanjeev
U15KM23S0290	U15KM23S0292	U15KM23S0297	U15KM23S0299	U15KM23S0302	U15KM23S0303	U15KM23S0304	U15KM23S0305	U15KM23S0310	U15KM23S0312	U15KM23S0314	U15KM23S0315	U15KM23S0317	U15KM23S0318	U15KM23S0324
16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.

S.B. Arts & KCP. Sc. College Vijayapur.

IQAC Coordinator

S.B.Aria & K.C.P.Science College, Vijayapur,

HOD
HOD
Department of Mathematics
S.B. Arts & K.C.P. Science College

DEPARTMENT OF MATHEMATICS

Value Added Course-Aptitude

Exam Attendance 2023-24

SI No.	UUCMS No.	Name of the student	Sign
1	U15KM23S0235	Praveen Anand Badiger	P. Badiger
2	U15KM23S0238	Shreyas Budihal	r. Baaiger
3	U15KM23S0243	Bhagyashree Samagond	60
4	U15KM23S0244	Suchitra Shankar Kumbar	a stew
5	U15KM23S0245	Srushti Kallanna Dhavaleshwar	
6	U15KM23S0246	Bhuvaneshwari Satappa	27.05/W) 27.05/eg_0
7	U15KM23S0250	Soumya Sanganabasappa	4000000
8	U15KM23S0251	Mallikarjun B Masuti	3.Sub
9	U15KM23S0256	Radhika	TITM B
10	U15KM23S0257	Darshan Siddu Mendegar	Rum
11	U15KM23S0269	Akash	Alashi
12	U15KM23S0275	Vachana	The state of the s
13	U15KM23S0276	Soujanya Prakash Jyoti	Skechau
14	U15KM23S0279	Vinut Chalawadi	
15	U15KM23S0284	Sudha	Vinut
16	U15KM23S0290	Pooja Tellur	Hellus.
17	U15KM23S0292	Akash Mahadev Padennavar	AKuns
18	U15KM23S0297	Gangadhar Shamaray Aravattu	- anotti
19	U15KM23S0299	Vijayalaxmi Pacha	Revio
20	U15KM23S0302	Kaveri Hullur	Almuis.
21	U15KM23S0303	Aishwarya Maled	-Aishw
22	U15KM23S0304	Praveen Govind Lamani	0:4.1
23	U15KM23S0305	Lakshmi Bastawad	(ERE)
24	U15KM23S0310	Sharanamma Pujeri	Saranawine
25	U15KM23S0312	Soujanya Shreeshail Jevaragi	200
26	U15KM23S0314	Akshata Tukaram Biradar	ATB
27	U15KM23S0315	Sangamesh	
28	U15KM23S0317	Bhagyashree	
29	U15KM23S0318	Sneha Siddappa Siddapur	C-
30	U15KM23S0324	Amruta Sanjeev Kalyani	-Ammusk
			CHILINA 3

HOD

Department of Mathematics

B. Arts & K.C.P. Science Colleges

VI FUR

IQAC Coordinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

PPRHO pal

S.B.Arts & KCP. Sc. College Vijayapur.





DEPARTMENT OF MATHEMATICS

Date: 04-07-2024

Notice

The value added course examination will be conducted on 10/07/2024 in Lecture Hall 01 from 09.00am to 10.00am. All the students attend the exam without fail.

HOD

HOD

Department of Mathematics

2.8. Arts & K.C.P. Science College

VIJAYAPUR

IQAC Coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College.

Vijayapur.

Principal Principal,

S.B.Arts & KCP. Sc. College Vijayapur.

B.L.D.E.A's

S.B. ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR - 586 103 DEPARTMENT OF MATHEMATICS

Value Added Course "Aptitude" Exam 2023-24

Code: 23UGVAMAT02

	Sem: II	Sub: Aptitud	de (Code: 23UGVAMAT02
Date:	10-07-2024	Time: 09:00 AM - 1	10:00 AM	Max. Marks: 50
M	ark (V) against the co	rrect answer in each of	the following:	
1		d at noon. By 10 mi		ur hand has turned
	through:	at noon. By to m	mutes past 5,the no	ur nanu nas turneu
	(a) 145°	(b) 150°	(c) 155°	(d) 160°
2		do the hands of the clo		ACT OF THE CONTRACT OF THE CON
_	(a) 20	(b) 21	(c) 22	(d) 24
3		as Monday. What da		
		(b) Tuesday		
4		Saturday falls. What d		
-	(a) Sunday		(c) Tuesday	
5		rk in 18 days and B c		
		together, what par		
	day?			
	(a) 1/6	(b) 1/9	(c) 2/5	(d) 2/7
6	A takes twice as	much time as B or t	hrice as much time	to finish a piece of
	work. Working, to	gether, they can finis	h the work in 2 days	. B can do the work
	alone in the number	er of days taken by A	alone to finish the w	
	(a) 11	(b) 21	(c) 28	(d) 42
7		st on Rs.1820 from N		
	(a) Rs.22.50		(c) Rs.28.80	
8	How much time w	vill it take for an amo	ount of Rs.450 to yie	ld Rs.81 as interest
		of simple interest?		()
	(a) 3.5yrs	(b) 4yrs	(c) 4.5yrs	(d) Syrs
9		2, 500 amount to Rs	s.15, 500 in 4yrs at	the rate of simple
	interest. What is th		(> 50/	(1) (0)
	(a) 3%		(c) 5%	(d) 6%
10	A certain amount	earns simple interest	of Rs.1750 after 7yi	rs. Had the interest
		erest would it have ea		(I) Mana
	(a) Rs.35		(c) Rs.350	(d) None
11	What will be the r	ratio of simple interes	st earned by certain	amount at the same
	rate of interest f	or 6 Yrs and that for		(1)
	(a) 1:3	(b) 1:4	(c) 2:3	(d) none
12	If in a certain, LU	TE is written as MU	IE and FATE is wri	tten as GAIE, then
	how will BLUE be	written In the code		(I) CLUE
	(a) CLUE	(b) GLUE	(c) FLUE	(d) SLUE

13	If in a certain lar code	nguage, MADRAS is	s coded as NBESBT	, how is BOMBAY
		(b) CPNCBZ	(c) CPOCBZ	(d) COOCBZ
14			T = 24, then how will	
•	(a) 27	(b) 28		(d) 120
15	()	= 40, then CAT will		(4) 123
10	(a) 30	(b) 50	(c) 60	(d) 70
16	` /	` '	20 days. If they work	` '
		ction of the work that		8
	(a))3/4	(b) 1/10		(d) 8/15
17			nount to Rs 815 in 3	
	in 4 years then su			
	(a) 650	(b) 690	(c) 698	(d) 700
18		· /	the intervals of 3 year	ars each is 50 years.
		f the youngest child?		
	(a) 4years	(b) 10years	(c) 8years	(d) None
19	An accurate clock	k shows 8 o'clock in	the morning. Throug	h how may degrees
	will the hour hand	d rotate when the cloc	ck shows 2 o'clock in	the afternoon?
	(a) 144°	(b) 150°	(c)168°	(d)180°
20	The reflex angle b	between the hands of		
	(a) 180°	(b) 192°	(c)195°	(d)197°
21	A clock is started	d at noon. By 10 m	inutes past 5, the ho	ur hand has turned
	through	•		
	(a) 150°	(b)155°	$(c)160^{\circ}$	$(d)145^{\circ}$
22	If 6 men and 8 h	ovs can do a piece o	of work in 10 days w	hile 26 men and 48
22	boys can do the sa	ame in 2 days, the tin	ne taken by 15 men a	nd 20 boys in doing
	the same type of v			
	(a)15 days	(b) 20 days	(c) 25 days	(d) 30 days
23	A can do a piece	of work in 4 hours;	B and C together ca	an do it in 3 hours,
	hile A and C to	gether can do it in 2	hours. How long will	B alone take to do
	it?			
	(a) 23 days	(b) 37 days	(c) 38 days	(d) 40 days
24	A can do a certair	n work in the same ti	me in which B and C	together can do it.
	If A and B togethe	er could do it in 10 d	ays and C alone in 50	days, then B alone
	could do it in			
	(a) 8 hours	(b) 10 hours	(c) 12 hours	(d) 24 hours
25		work in 20 days. He	then calls in B and	they together finish
23	the remaining wo	rk in 3 days. How lo	ong B alone would ta	ake to do the whole
	work?			
	(a) 23days	(b) 37 days	(c) 38 days	(d) 40 days
	() 20 44,50	•		

DEPARTMENT OF MATHEMATICS

Value Added Course-Aptitude Result 2023-24

SI No.	UUCMS No.	Name of the student	Marks
1.	U15KM23S0235	Praveen Anand Badiger	45
2.	U15KM23S0238	Shreyas Budihal	42
3.	U15KM23S0243	Bhagyashree Samagond	44
4.	U15KM23S0244	Suchitra Shankar Kumbar	49
5.	U15KM23S0245	Srushti Kallanna Dhavaleshwar	40
6.	U15KM23S0246	Bhuvaneshwari Satappa	40
7.	U15KM23S0250	Soumya Sanganabasappa	39
8.	U15KM23S0251	Mallikarjun B Masuti	45
9.	U15KM23S0256	Radhika	43
10.	U15KM23S0257	Darshan Siddu Mendegar	46
11.	U15KM23S0269	Akash	40
12.	U15KM23S0275	Vachana	41
13.	U15KM23S0276	Soujanya Prakash Jyoti	43
14.	U15KM23S0279	Vinut Chalawadi	45
15.	U15KM23S0284	Sudha	48
16.	U15KM23S0290	Pooja Tellur	40
17.	U15KM23S0292	Akash Mahadev Padennavar	39
18.	U15KM23S0297	Gangadhar Shamaray Aravattu	44
19.	U15KM23S0299	Vijayalaxmi Pacha	46
20.	U15KM23S0302	Kaveri Hullur	41
21.	U15KM23S0303	Aishwarya Maled	38
22.	U15KM23S0304	Praveen Govind Lamani	42
23.	U15KM23S0305	Lakshmi Bastawad	42
24.	U15KM23S0310	Sharanamma Pujeri	45
25.	U15KM23S0312	Soujanya Shreeshail Jevaragi	46
26.	U15KM23S0314	Akshata Tukaram Biradar	44
27.	U15KM23S0315	Sangamesh	42
28.	U15KM23S0317	Bhagyashree	40
29.	U15KM23S0318	Sneha Siddappa Siddapur	38
30.	U15KM23S0324	Amruta Sanjeev Kalyani	40

HOD

HOD

Department of Mathematics
B. Arts & K.C.P. Science College
VIJAYAPUR

IQAC Coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College Co Phriepal,

S.B.Arts & KCP. Sc. Colleg. Vijayapur.





DEPARTMENT OF MATHEMATICS

Date: 11-07-2024

Value Added Course on Aptitude

Student's Feedback

Rate the following aspects with tick marks ()

Sl.		Ratings				
No.	Aspects	Satisfactory (1)	Fair (2)	Good (3)	Very Good (4)	Excellent (5)
1.	Course Contents and Relevance					
2.	Organization and Conduction					
3.	Trainers Expertise					
4.	Usefulness of Course / Skill Development	i - 1				

Comments (if any):

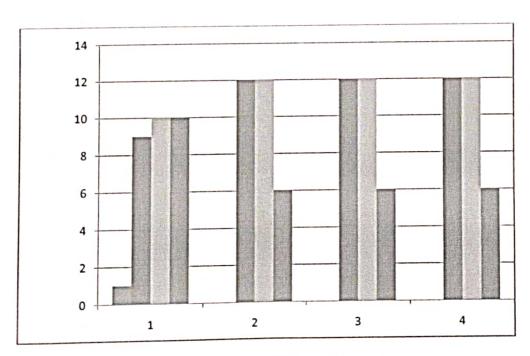
B.L.D.E ASSOCIATION'S S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR DEPARTMENT OF MATHEMATICS Value Added Course-Aptitude

Feedback Analysis 2023-24

Q1:Course Contents and Relevance
Q2:Organization and Conduction
Q3:Trainee Expertise
O4:Usefull of Course / Skill Development

1-Satisfactory	
2-Good	
3-Very Good	
4-Excellent	

Ratings	1	2	3	4
Questions			10	10
Q1	1	9	10	10
O2	0	12	12	6
03	0	12	12	6
Q4	0	12	12	6



Number of students V/S Ratings

HOD

HOD

Department of Mathematics S.B. Arts & K.C.P. Science College VIJAYAPUR IQAC Coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College Vijayapur. Principal Principal,

S.B.Arts & KCP. Sc. College Vijayapur.





DEPARTMENT OF MATHEMATICS

Value Added Course on Aptitude

Report of Value Added Course 2023-24

Name of the value added course : Aptitude

Course code : 23UGVAMAT02

Course Coordinator of the VAC : Dr. Shreekant Patil

Duration of the course : 01-06-2024 to

30-06-2024

No. of Hours of the course : 30 Hours

Total number of participants enrolled for VAC : 30

Successfully Completed : 30

Type of Assessment : Objective

HOD

HOD

Department of Mathematics
B. Arts & K.C.P. Science College
VIJAYAPUR

IQAC coordinator

IQAC, Co-ordinator S.B.Arts & K.C.P.Science College. Vijayapur. Principal Principal,

S.B.Arts & KCP. Sc. College Vijayapur.



S.B ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR



(Re-Accredited by NAAC at 'B++' level in 4th Cycle)

Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

Certificate

Mathematics during th	Aptitude	Programme Studying	This is to certify that Mr./Ms. Akash Mahadev Padennavanof
during the Academic Year		Semester has co	h Mahadev
2023-24	Conducted by the Departmen	Semester has completed the Value Added Course or	Padennavarof Bsc

Head of the Department

IQAC Co-ordinator





S.B ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR



(Re-Accredited by NAAC at 'B++' level in 4th Cycle)

Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

of Mathematics	Aptitude	Programme Studying	This is to certify that Mr./l
during the Academic Year 2023-24	Conducted by the Department	Semester has completed the Value Added Course on	This is to certify that Mr./Ms. Soumya Sanganabasappa of BSc

Head of the Department



IQAC Co-ordinator





S.B ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR



(Re-Accredited by NAAC at 'B++' level in 4th Cycle)

Internal Quality Assurance Cell Initiative VALUE ADDED COURSE

Certificate

of Mathematics du	Aptitude	Programme Studying	This is to certify that Mr./Ms
during the Academic Year 2023-24	Conducted by the Department	Semester has completed the Value Added Course on	This is to certify that Mr./Ms. Mallikarjun B. Masuti of Bsc

Head of the Department

IQAC Co-ordinator

Principal



S.B ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR

(Re-Accredited by NAAC at 'B++' level in 4th Cycle)



Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

of Mathematics	Aptitude	Programme Studying	This is to certify that Mr.
during the Academic Year 2023-24	<u>Conducted by the Department</u>	Semester has completed the Value Added Course on	This is to certify that Mr./Ms. Amouta Sanjeev Kalyani of BSC

Head of the Department

IQAC Co-ordinator

Principal



S.B ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR

(Re-Accredited by NAAC at 'B++' level in 4th Cycle)



Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

of Mathematics du	Aptitude	Programme Studying	This is to certify that Mr./Ms.
during the Academic Year 2023 - 24	Conducted by the Department	Semester has completed the Value Added Course on	This is to certify that Mr./Ms. Soujanya Prakash Jyoli of Bsc

Head of the Department

IQAC Co-ordinator

Principal

B. L. D. E. ASSOCIATION'S



S. B. ARTS AND K. C. P. SCIENCE COLLEGE VIJAYAPUR



DEPARTMENT OF MATHEMATICS

Value Added Course on "Aptitude"

Course outcome

Department of Mathematics has conducted Value added course on "Aptitude" for B.Sc II Sem students for the academic year 2023-24. The duration of the certificate course is 30 hours. Classes were conducted for 30 Students.

Aptitude is the one of major topic in any competitive exams. Thus it will help students get good numbers in exams and aspirants will be benefited by this.

HÓD

HOD

Department of Mathematics

Arts & K.C.P. Science College

VIIAVAPUR

IQAC Codedinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal

Principal, S.B.Arts & KCP. Sc. Gallego Vijayepur.