S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry

VALUE ADDED COURSE 2019-20 FOOD AND NUTRITION

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION <u>CONTENTS</u>

- 1) Notice
- 2) List of students
- 3) List of Faculty
- 4) Time table
- 5) Attendance
- 6) Examination Notice
- 7) Question Paper
- 8) Result

S.B.Arts & K.C.P. Science College,

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry NOTICE

Date: 24/06/2019

It is here by informed to B. Sc I Semester students that, Value Added Course on Food and Nutrition started in the Department of Chemistry, Hence interested students can enroll their names in the department.

Dept. of Chemistry SB Arts & KCP Sc. College,

Vijayapur.

S.B.Arts & K.C.P. Science College, VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

List of the faculty

- 1) M.I.Kumbar
- 2) U. S. Pugeri
- 3) V.H.Dyavannavar

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

Student List - 2019-20

SL No	Name	Roll No	Sign	SL No	Name	Roll No	Sign
1	Akshata Maranur	1	Janoms	26	Mahantesh Hiremath	44	Mb.
2	Pramod Balappagol	3	Promatiles	27	Daneshwari Hiremath	45	100
3	Vidya Solapur	5	vidya.s	28	Nikita Bhandi	47	Nikila
4	Aishwarya Navi	7	(A). Navi	29	Prasad Sidaraddi	50	B
5	Shridhar Khilari	8	Aller	30	Priyank Uppar	52	PU
6	Amrutvarsha Tallolli	14	AR	31	Bhagyashri Goragundagi	57	6
7	Gangabai Biradar	15	(g)angà	32	Shankarling Thoke	58	The state of the s
8	Bhoomika Pattar	16	Blus	33	Komalika Kalekar	59	Donko
9	Sujata Patil	17	Bujata	34	Chaitra Hiremath	60	Cen
10	Akshata Desai	20	Ven	35	Sunita Gundal	63	Out
11	Manjunath Ghar	21	Manjundko	36	Roopa Naikodi	64	PAN
12	Soubhagya Dubalagundi	22	coo.	37	Prema Nayakodi	66	4
13	Apoorva Talikoti	24	AR	38	Anita Gaganamali	67	A
14	Shweta Jadhav	27	MB-	39	Suchitra Ankalagi	69	De
15	Kaveri Utagi	28	k. Wag;	40	Shruti Savali	71	\$8
16	Vaishali Patel	29	V.P.	41	Deepa Pattar	72	Ovelal
17	Raneshwari Hiremath	32	Ramesh	42	Bharati Hiremath	73	Bn
18	Shweta Adalli	33	Shuta D	43	Shruti Zalaki	74	She
19	Geeta Choragasti	34	led	44	Deepika Hadapada	76	DH
20	Ashwini Pujari	35	Acus.	45	Ashwini Denganavar	77	A
21	Sneha Bagi	37	Shehal	46	Santoshkumar Telasang	78	(2)
22	Bheerappa Pujari	38	Bh	47	Sangamesh Pujari	79	SP
23	Pooja Hitnalli	39	FOOL	48	Somanath Huggenavar	80	Some
24	Sunil Rathod	40	Signillo	49	Dundesh Jambagi	81	Jeh
25	Vanita Rathod	42	(AR)	50	Vivekand Budanur	82	()

Head

Dept. of Chemistry
SB Arts & KCP Sc. College,
Vijayapur,

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry NOTICE

Date: 03/07/2019

It is here by informed to B. Sc I Semester students who have register the value added course to attend the classes on 07/07/2019.

Bijapur

Head

Dept. of Chemistry HO ISB Arts & KCP Sc. College

Vijayapur.

KCP Sc. College, S.B.Arts & K.C.P.Science College, HO ISB Arts & KO.P.Science College, Vijayapur.

Vijayapur.

Department of Chemistry

B.L.D.E. Association's S.B. Arts and K.C.P. Science College, Vijayapur-586103 Department of Chemistry

VALUE ADDED COURSE ON FOOD AND NUTRITION

TIME- TABLE (2019-20)

Day	Time	Date
Sunday	08 am To 11 Am	07/07/2019
ulluay	08 am To 11 Am	14/07/2019
	08 am To 11 Am	18/07/2019
	08 am To 11 Am	25/07/2019
	08 am To 11 Am	04/08/2019
	08 am To 11 Am	11/08/2019
	08 am To 11 Am	18/08/2019
	08 am To 11 Am	25/08/2019
	08 am To 11 Am	01/09/2019
	08 am To 11 Am	08/09/2019
	08 am To 11 Am	15/09/2019
	08 am To 11 Am	22/09/2019
	08 am To 11 Am	06/10/2019

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

Dept. of Chemistry
SB Arts & KCP Sc. College,
Bijaour

Vijayapur

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

Department of Chemistry

VALUE ADDED COURSE IN FOOD AND NUTRITION

Sub code: sbkcp/Che/01

Aim and Objectives:

Development, application and study of analytical procedure for characterizing the properties of food and their constituents.

SYLLABUS	Total Hours = 30 hrs
1) Analysis of Spinach: Estimation of Iron and Calcium.	3hrs
2) Lead and Nickel contain in Spinach.	3hrs
3) Analysis of Watermelon: Estimation of Magnesium,	
Calcium and Iron.	3hrs
4) Analysis of Cold Drinks: Estimation of Phosphate,	
Glucose and Carbon dioxide.	3hrs
5) Estimation of Iron, Calcium, and Magnesium in Potato.	3hrs
6) Analysis of Onion: Estimation of Iron, Calcium and Magnes	ium. 3hrs
7) Analysis of Milk: Estimation of Iron , Calcium, Copper,	
Manganese, Phosphorus, Potassium.	3hrs
Food Adulteration	

Milk adulteration:

- a) Detection Urea, Starch, Neutralizers, Detergents, Sugar.
- b) Detection of Glucosedextrose, Sodium Chloride, Hydrogen Peroxide, Mastitis, Formaldehyde.

4hrs

Food adulteration:

- c)Black pepper: Detection artificial colors and brick powder.
- d)Turmeric Powder: Detection of Chalk powder.
- e)Pepper: Detection of papaya seeds in black pepper.
- f) Jaggery: Detection of Chalk powder and Washing powder.
- g)Sugar: Detection of Chalk powder and Washing powder.

5hrs

Reference books:

- 1) Food and nutrition by Smitra Roday.
- 2) Food Science by Sumati R. Mudambi.

S.B. Arts and KCP Science College VIJAYAPUR

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

Student Attendance List (2019-20)

															20)
SL No	Name	*/x2	not	Mox	2002	orles	1/8	1,200	3/08	1/2	100	369	2do9	die	
1	Akshata Maranur	Jugar!	X TO ST	North The State of	D'Ard And	Stand of the stand	North Property	Salar Manager	Kara A	X WIND	X realing	XXX	Andreas	The state	(15)
2	Pramod Balappagol	a year of	Co care of	Quantily .	Same of the same o	Tree of the second	Connection of the second	Panal .	Tide flams	A PORTON	The state of the s	Quotad	W	The state of the s	P.Comodo
3		Nice N	Videra	ide de	3	900	de	. Ja	N. S.	No.	Ser.	Age of the same of		Nick Co.	Y
4	Aishwarya Navi	E. Fair	(B) (B)	8 NOW	8 Bris	Brail (This is	Burn	Bron.	Divino	Ab	App	Bir	(A) Mari	
5	Shridhar Khilari (De 3	D		Ø.	Æ.	B	26		Bo	B	B	
6	Amrutvarsha Tallolli	A	Pr	A	Ale	Ale	THE STATE OF THE S	Ate	At	Ale	Ato	De.	At	AB	
7	Gangabai Biradar	Og ros	(Charles	Buch	Oblas	Ab	Pb (Chic	Ph	Ocho Con Con Con Con Con Con Con Con Con Co	Serve Serve	Ab	Bongs	Baya	
8	Bhoomika Pattar	Blen		Blu	BR	BR		1	BB	BR	BIR	-BB	Ab	BR	
9	Sujata Patil	Que de la companya della companya della companya de la companya della companya de	Kp	Augus	Bujer	A/p	By all	Ry ale	PAb	Quis oto	The state	Suger .	Ab	Sy W	
10	Akshata Desai	UR	Ve	Ven	Ven	Ver	Ven			Ve	Ven	Ver		Ven	Ver
11	Manjunath Ghar	Manjunaff	Mountopy	Manjunate	Marinon	Manjung	Majund	[manjenge	Dranina C	Manjunal	Manjunga	Monjunda	Manjunde	Monjund	
12	Soubhagya Dubalagundi	SUB	50	Sar	do	-Sau	Sd	de	Sk	Sol	De	Sala	Soll	So	
13	Apoorva Talikoti	OP.	PP	AR.	DE	B	OB.		- OR	OR OR			DE.	AR.	
14	Shweta Jadhav	eM			MAR	enve				eM&B	enja	enss			
15	Kaveri Utagi	K. Gog	t-you	Ela	Alb	t.0/3	*. U.S.	Ab	4.0%	Ab	T-0/89,	1.0/c3	Ab	4.000	
16	Vaishali Patel	V.P.		V.P.	v.F	V.P	V.P	V.P	V. F	V.P	v.p	V.F	V.P	V.P	,

Continued to page 2

17	Raneshwari	Openin	Const	Canada	No	Openin	Quak	Rough	Rosak	Const	Sprage	October	Roman	2000	
	Hiremath	Y	Ko	LO L	(4)	W.	P	20	3	3	30	.50	30	39	
18	Shweta Adalli	- And	Brunds	Shuus	Shund	Bruck	Same and the same	Semily .	Par la	She She	Shre	Sheet.	3	Shire	
19	Geeta Choragasti	Co	(co)	BU.	CO	(1)	Cel	No	(0)	w	(Q)	00)	Co	Œ	
20	Ashwini Pujari	Aur	Ann	Aux	Aur	Au	Aus	Dus	Aus	Aus	Ass	De	A	A.	
21	Sneha Bagi	sound	Souhas	Sachas	Sachap	Sachae	Snehos	Suhat	Shitad	Sounds	Szeho	Sheha	Specific Control	3	
22	Bheerappa Pujari	32	B	B	B	B	B	B	B	B	Pro	B	0	(g)	
23	Pooja Hitnalli	(Bay)	and	Poor	Cear				Condi	-		Cal	E	(E)	
24	Sunil Rathod	Smil	Siril	Sinal	will	griff	Sicil	Rungh	SLEGAR	Teals	(Eilly	Seigh .	Leis	Sign of the second	
25	Vanita Rathod	(2)	(B)	(8)	(B)	8	R	NO.	(A)		(not)	60	1	1	(B)
26.	Mahantesh Hiremath	Neat	ML	Ma	MA	MA	Ma	Aula	Pela	1th	MA	Alla	May	Ma	
27.	Daneshwari Hiremath	0		000	(QP)	0	(D)	Del	WH WH	Ø\$	D	B	OIL	Det.	
28.	Nikita Bhandi	12/4/3	P N.K.IK	U.S. J.	45/62/	d Kil	riki	Piki	Pikik	Pikik	Nik ik	N.Kip	4iki	Niki	
29.	Prasad Sidaraddi	Be	, B	· Pg	B	B	2	B	176	B	Ps	Ab	8	P,	
30.	Priyank Uppar	PU	(D)	(B)	UPI	P	200	PO	PO	PV	0	P	PH	(PR	
31.	Bhagyashri Goragundagi	4	0.20	à Ca	-Ga	. Ca	. Ca	169	as	62	(Ca)	-Cp.	69	Ci3	
32		(e	26	E	Ch	E	Œ	Œ	8	Phb	CE	R	(S)	6	
33	100000000000000000000000000000000000000	(W)	* 0	T W	13	W	0	T W	(O)	0	W'	Q	W.	(W)X	
34	Charles of the Charles of the Charles	n Cy	e E	Ca	- &	Ge	18	a	En	5	60	Ce	m	In	
35	Sunita Gundal	0	and Op	201	0	4 6	(0)	39	3	0	(Ba)	0	3	(3ºx	

Continued to page 3

36.	Roopa Naikodi	PN	FN	BN	PAN	BN	BN	TW	歌	En	BN	和	Fan	W	
37.	Prema Nayakodi	国	型	B	1	A	型	D	型	BA	BL	B	B	B4	
38.	Anita Gaganamali C	A	1	A	1	D	A	A	1	A	A	A.	1	2	
39.	Suchitra Ankalagi	Sus	Sa	8	Sa	Sur	Sur	Su	Su	App	Ses	Son	Su	84	
40.	Shruti Savali	SI	28	28	Se	SS	\$3	SB	22	<u>S8</u>	58	SI	SS	SS	
41.	Deepa Pattar	00	00	0	000	00	OP a	00	OP.	OP	00	De	OP.	OR O	OP.
42.	Bharati Hiremath	Bh	Bn	Ben	Bn	Ab	Bn	Bn	Bin	Bh	Bin	Bh	Bh	图	
43.	Shruti Zalaki	She	Spo	ShB	Shiz	SHE	Sta	She	Sha	She	she	she	Sho	she	She
44.	Deepika Hadapada	DH	DH	DH	DH	DH	-PH	DH	DH	DH	PH	DH	4	THE	
45.	Ashwini Denganavar	D	A	D	P	R	A		P		Alb	(A)	1	A	
46.	Santoshkumar Telasang	(3)	6	0	0	0	0	5	(5)	5	2	2	2	8	
47.	Sangamesh Pujari	SF	St	SF	2	PSF) Sp	SP	SF	'S	SF	St	Sp	
48.	Somanath Huggenavar	Som	Sou	Source Source	Soms	San	Some	T SOAL	s sou	er some	Soan	Sold	& San	Som	
49.		Gr.	h Da	h Pa	h As	Ros	h Dar	1804	h &	7 Sol	Dh	Ask Del	h Sal	n Del	2
50.	Vivekand Budanur	0	0	0	0	2	1	P	15			I		10	

Head
Dept. of Chemistry
SB Arts & KCP Sc. College,
Vijayapur.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry NOTICE

Date: 23/09/2019

It is here by informed to B. Sc I Semester students who register the value added course to attend the test on 06/10/2019.

Principal, S. B. Arts & KCP Sc. College, Bijapur

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

Dept. Of Chemistry
SB Arts & KCP Sc. College,
Departmental Space Space Strain S

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

Department of Chemistry

VALUE ADDED COURSE IN CHEMISTRY TEST

Time: 8.30AM to 12.00 PM Date: 06/10/2019

Food Analyses, Milk and Food Adulteration.

1. Estimate the percentage of iron, calcium and magnesium present in 40 Marks spinach.

2. Find out the adulterations present in the given sample of Pepper.

40 Marks

Viva- Voice: 20Marks

Total= 100 Marks

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

Sc. College,

Bijapur

Vijayapur

Head

Dept. of Chemistry SB Arts & KCP Sc. College

Vijayapur.

Marks List (2019-20)

SI No	Name of the students	Marks						
31 140	Traine of the students	Practical	Viva	Total				
1	Akshata Maranur	76	17	93				
2	Pramod Balappagol	77	16	93				
3	Vidya Solapur	75	15	89				
4	Aishwarya Navi	75	16	91				
5	Shridhar Khilari	76	19	93				
6	Amrutvarsha Tallolli	72	16	88				
7	Gangabai Biradar	74	17	91				
8	Bhoomika Pattar	75	18	93				
9	Sujata Patil	75	18	93				
10	Akshata Desai	78	15	93				
11	Manjunath Ghar	74	18	92				
12	Soubhagya Dubalagundi	75	18	93				
13	Apoorva Talikoti	74	17	91				
14	Shweta Jadhav	74	14	88				
15	Kaveri Utagi	76	15	90				
16	Vaishali Patel	74	17	93				
17	Raneshwari Hiremath	75	17	91				
18	Shweta Adalli	75	18	93				
19	Geeta Choragasti	78	15	90				
20	Ashwini Pujari	78	16	94				
21	Sneha Bagi	74	14	92				
22	Bheerappa Pujari	75	18	92				
23	Pooja Hitnalli	75	19	94				
24	Sunil Rathod	74	15	92				
25	Vanita Rathod	76	15	89				

Continued ...

24	Sunil Rathod	74	15	92
25	Vanita Rathod	76	15	89
26	Mahantesh Hiremath	74	16	92
27	Daneshwari Hiremath	78	18	92
28	Nikita Bhandi	78	14	92
29	Prasad Sidaraddi	77	15	93
30	Priyank Uppar	75	16	93
31	Bhagyashri Goragundagi	74	15	90
32	Shankarling Thoke	71	14	88
33	Komalika Kalekar	75	15	86
34	Chaitra Hiremath	75	17	93
35	Sunita Gundal	76	15	90
36	Roopa Naikodi	78	18	90
37		74	15	93
38	Prema Nayakodi	75	15	89
39	Anita Gaganamali	75	19	
40	Suchitra Ankalagi	76		94
41	Shruti Savali		18	93
42	Deepa Pattar	75	15	91
43	Bharati Hiremath	75	18	93
	Shruti Zalaki	74	18	93
44	Deepika Hadapada	78	19	93
45	Ashwini Denganavar	75	15	94
46	Santoshkumar Telasang	75	15	89
47	Sangamesh Pujari	75	16	91
48	Somanath Huggenavar	76	15	90
49	Dundesh Jambagi	75	18	94
50	Vivekand Budanur	79	18	

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 Department of Chemistry

VALUE ADDED COURSE ON FOOD AND NUTRITION

Course outcome

Department of chemistry conducted Value added course for BSc-I sem students on Food and Nutrition for the academic year 2019-20. The duration of the certificate course is 30 hrs. Theory and practical classes were conducted for 50 students who have enrolled their names for the course.

Food and Nutrition is a programme that includes various aspects of nutrition and health. It gives an understanding of mechanism in human beings, animal and other relevant organisms.

The course concentrates on three areas: food science, technology and analysis, Food Safety, quality and nutrition. There are many exciting opportunities to take on placements. Students can become a nutritionist and help the society to lead healthier lives through education in food and nutrition or enhance their mental and physical performance through specially designed diets.

They can become a food analyst or work in public health and look at the chemical and physical properties of food or conduct tests for bacteria and diseases depending on what future career path students choose, our food and nutrition course could help them get there.

> IQAC, Co-ordinator Vijayapur.

S.B.Arts & K.C.P.Science College,

S.B.Arts & K.C.P. Science College,

VIJAYAPUR.

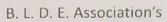
Chemistry

SB Arts & KCP Sc. College,

Vijayapur.

Dept. of





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

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Akshala Maranur
has Completed the Value Added Course on Food and Nutretion
Conducted by the Department of during the
Year 2019-26
IQAC Co-ordinator S.B.Arts & K.C.P. Science College Vijayapur. Co-Ordinator, IQAC Principal Principal Principal
Head of the Department Co-Ordinator, IQAC Principal



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

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Pramod Balappagol	
has Completed the Value Added Course on Food and Nut	rition
Conducted by the Department of Chemistry	during the
Year2019-20	
IQAC, Co-ordinator S.B.Arts & K.C.P. Science College Vijayapur. Principal, S.B.Arts & K.C.P. Science Vijayapur.	College,
Head of the Department Co-Ordinator, IQAC	- Frincipal



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

(Re-Accredited by NACC at 'A' Level in 3" Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Vedya Solapur	
has Completed the Value Added Course on Food and Nutrition	
Conducted by the Department of Chemesky during the	
Year 2019-20	
IQAC, eo-ordinator S.B.Arts & K.C.P. Science College Vijayapur. Co-Ordinator, IQAC Principal, S.B.Arts & K.C.P. Science College Vijayapur. Principal	



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

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Aishwarya. Nav?	
has Completed the Value Added Course on Food and Nubretton	
Conducted by the Department of Chemisky during the	
Year 2019-20 IQAC Co-ordinator S.B.Arts & K.C.P. Science College Vijar and Co-Ordinator, IQAC Wijar and Co-Ordinator, IQAC Vijar and Co-Ordinator, IQAC Vijar and Co-Ordinator, IQAC Vijar and Co-Ordinator, IQAC	



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

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)
Infernal Quality Assurance Cell Initiative





This is to certify that Mr./Ms. Shird	thar bhilari	
has Completed the Value Added Course on _	Food and Numetion	
Conducted by the Department of	Chemistry during the	
Year 2019 IQAC, Co-ordinator S.B.Arfs & K.C.P. Science College Vijayapur. Head of the Department Co-Ordinator	Principal, S.B.Arts & K.C.P. Science College,	bal

S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry

VALUE ADDED COURSE 2019-20 FOOD AND NUTRITION

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION <u>CONTENTS</u>

- 1) Notice
- 2) List of students
- 3) List of Faculty
- 4) Time table
- 5) Attendance
- 6) Examination Notice
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- 8) Result

S.B.Arts & K.C.P. Science College, VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103

<u>Department of Chemistry</u> <u>NOTICE</u>

Date: 16/12/2019

It is here by informed to B. Sc-II Semester students that Value Added Course on Food and Nutrition started in the Department of Chemistry. Hence interested students can enroll their names in the department.

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION <u>List of the faculty</u>

- 1) M.I.Kumbar
- 2) U. S. Pugeri
- 3) V.H.Dyavannavar

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

Student's List - 2019-20

SL No	Name	Sign	SL No	Name	Sign
1	Neelamma . Sharanappa . Basarakod	Needa	26	Pooja . Hucchesh . Vagga	Cara
2	Vanishree , Mallappa , Ingaleshwar	Devel	27	Prakash . Neelakanthappa . Kaladagi	ght
3	Soumya . Ashok . Pattar	Sound	28	Adarsh . Shivaling . Pattanashetti	And
4	Rahul, Desu, Chavan	Ou	29	Bhagyashree . Dhareppa . Biradar	Que
5	Suma . Channappagouda . Choudari	Sung	30	Vannishree . Vittal . Anjutagi	Muld
6	Mallinath . Siddaram . Bhiramadagi	60-	31	Basavaraj . Kuberappa . Kabade	Qui
7	Parutayya . Panchayya . Stavarmath	PR	32	Soumya . Iranna . Aski	E WW
8	Neelamma . Sharanappa . Shidyal	Re	33	Shreeshail . Danappa . Karni	2011
9	Tejashwini . Shivananda . Hitnalli	TS. H	34	Punit . Yamanappa . Uppar	Qui
10	Renuka . Kupendra . Tonne	Queba	35	Kareena . Kesu . Jadhav	10000
11	Rajugowda . Kallannagowda . Biradar	By B	36	Satish . Basavaraj . Nagaraddi	stal
12	Banadevi . Annppa . Akalawadi	Taradami	37	Ashwini . Chandrakant . Poojari	Alul
13	Arati . Ashok . Sajjan	Rech	38	Priyank . Sharanagouda . Nadagouda	Parl
14	Ashwini . Chandrashekhar . Jitti	Ahroin	39	Pramod . Mallikarjun . Bajantri	PM
15	Akshata . Shikreshwar . Chirde	also	40	Naveenkumar . Rajappa . Banasode	Aty
16	Amruta . Hanamant . Bajantri	And	41	Rakshith . Shankaragowda . Tumbagi	Dry
17	Rashmi . Mohan . Kulkarni	Out	42	Sumitra . Somaling . Kagar	SI
18	Lalita . Shivalingappa . Mali	Larl	43	Pradhnya . Suresh . Patil	PSP
19	Girish . Malakappa	Gul	44	Pavan . Ashok . Alegaon	Ow
20	Laxmee . Rajakumar . Yalagi	DI	45	Madhu . Mahadevappa . Ballolli	Mu
21	Saraswathi . Vittal . Hîpparagi	Sy	46	Lakshmi , Sadashiv , Naikodi	Du
22	Chanabasappa . Ganapati . Metri	Cul	47	Pruthvi . Ashok . Pawale	PAR
23	Akshata . Manoj . Metri	Bul	48	Veena . Krishnappa . Rathod	Jul
24	Veeresh . Shrishail . Bhankapure	Tul	49	Radhika . Ullas . Patil	Ru
25	Ishwar . Veerabhadra . Kotennavar	Fru.	50	Gangabai , Shankargoud , Biradar	(Calul

Principal, S.B.Arts & K.C.P. Science College, VIJAYAPUR.

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

TIME- TABLE (2019-20)

Day		
	Time	Date
Sunday	08 am To 11 Am	22/12/2019
	08 am To 11 Am	29/12/2019
	08 am To 11 Am	05/01/2020
	08 am To 11 Am	12/01/2020
	08 am To 11 Am	19/01/2020
	08 am To 11 Am	26/01/2020
	08 am To 11 Am	02/02/2020
	08 am To 11 Am	09/02/2020
	08 am To 11 Am	16/02/2020
	08 am To 11 Am	23/02/2020
	08 am To 11 Am	01/03/2020
	08 am To 11 Am	08/03/2020

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

Department of Chemistry

VALUE ADDED COURSE IN FOOD AND NUTRITION

Sub code: sbkcp/Che/01

Aim and Objectives:

Development, application and study of analytical procedure for characterizing the properties of food and their constituents.

SYLLABUS	Total Hours = 30 hrs
 Analysis of Spinach: Estimation of Iron and Calcium. Lead and Nickel contain in Spinach. Analysis of Watermelon: Estimation of Magnesium , 	3hrs 3hrs
Calcium and Iron. 4) Analysis of Cold Drinks: Estimation of Phosphate,	3hrs
Glucose and Carbon dioxide. 5) Estimation of Iron, Calcium, and Magnesium in Potato.	3hrs 3hrs
6) Analysis of Onion: Estimation of Iron, Calcium and Magnesi7) Analysis of Milk: Estimation of Iron, Calcium, Copper,	um. 3hrs
Manganese, Phosphorus, Potassium.	3hrs
Food Adulteration	
Milk adulteration: a) Detection Urea, Starch, Neutralizers, Detergents, Sugar b) Detection of Glucosedextrose, Sodium Chloride, Hydrog Peroxide, Mastitis, Formaldehyde.	
Food adulteration: c)Black pepper: Detection artificial colors and brick powder d)Turmeric Powder: Detection of Chalk powder. e)Pepper: Detection of papaya seeds in black pepper. f)Jaggery: Detection of Chalk powder and Washing powder. g)Sugar: Detection of Chalk powder and Washing powder.	er.

Reference books:

S.B.Arts & K.C.P. Science College,

VIJAYAPUR.

- 1) Food and nutrition by Smitra Roday.
- 2) Food Science by Sumati R. Mudambi.

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S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

Attendance List

SI.No	Student Name	2/2/19	2/12/13	2/1/2	14/20	9/3	26/120	2/07/20	3/2/20	6/2/2	28/2/20	1/3/20	8/8/20
1	Neelamma . Sharanappa . Basarakod	Neda	Neda	Neda	Neek	Neila	Neelos	Neels	Neela	Neeles	Neels	Neal	Neels
2	Vanishree . Mallappa . Ingaleshwar	Day	Day	No.	Dose	Part	Bry (Day	Pel	Que .	Ope (DIV.	Dec
3	Soumya . Ashok . Pattar	County	Coyum	Courning	County	Sourrage	County	County	Sovery	Ab	Courne	Ab	Gurya
4	Rahul . Desu . Chavan	(R)	Bu	Row	Bur	Du	Oh	Ow	Bu	Be	B	Ab (Bu
5	Suma . Channappagouda . Choudari	Suna	Sur	Suna	Suna	Sunce	Abo	Sina	Suna	Suna	Abo	Sura	Sura
6	Mallinath . Siddaram . Bhiramadagi	(Q)	<u>60</u>	0	Ab	(NO)~	(O)	(M)	0	(10)~	Ald	10-	6
7	Parutayya . Panchayya . Stavarmath	B	型	-12	显	De	PP	PD	Ab	軍	BP	CR	-PP
8	Neelamma . Sharanappa . Shidyal	Me	De	n.	Ow	Du	Dur	Ab)	D	Qu	Ou	0	De
9	Tejashwini . Shivananda . Hitnalli	7.5.11	Tisk	1.57	T.SH	T.S.H	15:11	7.S.H	TSI	TEH	T.CH	ISH	ISH
10	Renuka . Kupendra . Tonne	Quelo	Onk	Bruker	Prula	(mko	Bup	Bruk	Carula	Oruk	Brile	Ab	Brilo
11	Rajugowda . Kallannagowda . Biradar	Byb (Øj.B	Øj.B	@jB	Oj. B	(B) (B)	ØYB,	ØjB	Ab	Digh	Ab	ByB.
12	Banadevi , Annppa . Akalawadi	Jane	Bera	Beno	Buo	Ab (Rone	Ab?	Rone	Ban	Ban	Ben	Tong
13	Arati , Ashok , Sajjan	Pahe	Rod	Mats	- Okal	Pobo	Soli	Mati	Deals	hait	Math	Ale	Matr
14	Ashwini . Chandrashekhar . Jitti	Minel	Oknir	Ab	Alberia	Deliver	Alino	Amos 1	Many	Blind	Dung	Am !	Rung
15	Akshata . Shikreshwar . Chirde	cega	all	(100)	00	Abl	all)	(20)	(Ogla)	(A)	and.	Ab (00
16	Amruta . Hanamant . Bajantri	BY	(gh	PL DL	Ar	Bu	Ab	BL	Ab	on	BL	AC	al Col
17	Rashmi , Mohan , Kulkarni	BL	Rh	- R	+ B	BU	BL	Ab	BL	B	Br	Ab	BAL
18	Lalita . Shivalingappa . Mali	101	Im	- In	Ler	In	AL	M	- Lel	Lu	Let	tel	fel
19	Girish . Malakappa	Gul	Gul	Gul	Gul	Gul	Gul	Ab	Gul	Gol	Gul	Gul	Cod
20	Laxmee . Rajakumar . Yalagi	Oh	- Oh	At	br	On	14	U	176	(Ld	DL	176	Du
21	Saraswathi . Vittal . Hipparagi	84	SA	-81	Ab	Sul	Sh	P16	Sol	Sd	Sel	Sil	St
22	Chanabasappa . Ganapati . Metri	al	- Cod	Cul	- Cul	Cel	- Cul	-Cr	75	Cul	CIL	-Col	6
23	Akshata , Manoj , Metri	Br	A	的的	+ 191	Bu	HB	04	Price	+ Ala	O DO	BILL	AC

24	Veeresh . Shrishail . Bhankapure	Vid	Verl	Yul	V	Vhn	Ab	VIn	1/4	Vu	Vu	, Vu	Jul
25	Ishwar . Veerabhadra . Kotennavar	D1	a	L Ph	- PU	De	1	A	A	Ab	(Te	A	A
26	Pooja . Hucchesh . Vagga	Paya	Buja	Bija	Boia	Bija	100ina	Boila	Riga	Bip	Price	POSE	mia
27	Prakash . Neelakanthappa . Kaladagi	Pul.	RI	Rus	RN	Ren	Ab	0,1	RU	Ru	au	0,	Ru
28	Adarsh . Shivaling . Pattanashetti	Ans	And	- Au	Ans	A	An	A.	A	An	- An	A	A
29	Bhagyashree . Dhareppa . Biradar	Qu	(Q)L	01	601	Ab	61-	21.	6	6	6	6	(a).
30	Vannishree . Vittal . Anjutagi	Nul		Nu.	7/11	2/11	Ab	11	1	J.	Shirt	Af	bu
31	Basavaraj . Kuberappa . Kabade	Qu	21	Ab	Q ₀	Q I	QI	Ah	Q,	D	2	0	8
32	Soumya . Iranna . Aski	Sili	ab	SI	CI	Cal	Cul	<u> </u>	CI	c.l	Ala	CI	By
33	Shreeshail . Danappa . Karni	COL	501	901	SQ	COL	CD.	CD.	Ah	S	CD.	oy	SDy
34	Punit . Yamanappa . Uppar	RU	Ru	Au	Pan	Qu	An	Qu	Me	Ah	Q.	P.	04
35	Kareena . Kesu , Jadhay	KA1930)	6900	Konson	KODO	N20000	16030	10200	Jace Jace	NG 200	(D29)	0000	10000
36	Satish . Basavaraj . Nagaraddi	SIA	ah	A B	<u>an</u>	AR	Ab	20	d D	ar.	cai	22	SB
37	Ashwini . Chandrakant . Poojari	AN	Du	A	Ab	A.	A	An	(A)	Ab	Qu.	M.	(A)
38	Priyank . Sharanagouda . Nadagouda	01	01	Ab	P	Ri	01	PL	R	P.	0	Ah	Pul
39	Pramod . Mallikarjun . Bajantri	PMR	PMP	PMB	PINE	Ab	PMB	pmB	PMB	- MA	m	PMR	PMR
40	Naveenkumar . Rajappa . Banasode	Nu-	Au	Au	Ab	Al	An	all	A	Re	20-1	De	Ru
41	Rakshith . Shankaragowda . Tumbagi	(P) ~	Qu	Q.	R	Q.	A	Ab	(Q)	(Q)	R	(Q1)	
42	Sumitra . Somaling . Kagar	SI	SI.	-()	Ab	CI	SI	SI		SI	9	- Q	CI
43	Pradhnya . Suresh . Patil	200	DES)	Ab	œ	pes	PS0	PLO	Ab	P80	PSP	PSP	050
44	Pavan . Ashok . Alegaon	Ad		On	an	(PM	En	RI_	R	RH	Ab	R)	0
45	Madhu . Mahadevappa . Ballolli	M	ML	ML	Ab	ML	m-	M	M	Ab	M	M	M
46	Lakshmi , Sadashiv , Naikodi	Qu	a	Ab	Ph	A-	a	Du	Au	An	Au (Da (D~
47	Pruthvi , Ashok , Pawale	000	900	PAR	PAR	PAR	PAR	Ab	PAR	PAD	PAR	PAR	PAD
48	Veena, Krishnappa, Rathod	Vin	Ab	Tu	Ny	Ab	Ty	- Vy	10	Jul.	dy .	Ab.	Tuy
49	Radhika . Ullas . Patil	Ry	Ry	Ab	Rlz	By	Ab(Rly	B	P-	PT6 (F	2	RI
50	Gangabai . Shankargoud . Biradar	Coly	Ab	Colum	Q	Ch	Bu	Ab	Ch (Cof	G.	Ab (Ch

1QAC, Co-oxdinator S.B.Arts & K.C.P.Science College,

Total no. of Students=50.

Vijayapur.

Head Dept. of Chemistry SB Arts & KCP Sc. College, Vijayapur.

S.B.Arts & K.C.P. Science College, VIJAYAPUR.

S.B. Arts and K.C.P. Science College, Vijayapur-586103

Department of Chemistry NOTICE

Date: 15/03/2020

It is here by informed to all the B.Sc students who has enrolled their names for Value Added Course are promoted on the basis of attendance and their involment during classes due to the pandemic covid-19.

Principal, S.B.Arts & K.C.P. Science College, VIJAYAPUR.

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

Marks List (2019-20)

I.No	Students Name	Marks					
		Practical	Viva	Total			
1.	Neelamma . Sharanappa . Basarakod	78	18	96			
2.	Vanishree . Mallappa . Ingaleshwar	75	17	92			
		76	17	93			
3.	Soumya . Ashok . Pattar	75	17	92			
4.	Rahul . Desu . Chavan	76	18	94			
5.	Suma . Channappagouda . Choudari	77	16	93			
6.	Mallinath . Siddaram . Bhiramadagi	75	18	93			
7.	Parutayya . Panchayya . Stavarmath	78	17	95			
8.	Neelamma . Sharanappa . Shidyal	75	16	91			
9.	Tejashwini , Shiyananda , Hitnalli	76	16	92			
10.		75	17	92			
11.		76	18	94			
12.		72	18	90			
13.		75	18	93			
14		77	17	94			
15		78	18	96			
16		77	16	93			
17		75	17	92			
18		75	17	92			
19		76	18	94			
2	0. Laxmee . Rajakumar . Yalagi	77	19	96			
2	Saraswathi , Vittal , Hipparagi	78	19	97			
2	2. Chanabasappa . Ganapati . Metri	75	15	90			
2	3. Akshata . Manoj . Metri	74	18	92			
2	24. Veeresh . Shrishail . Bhankapure	76	16	92			
	25. Ishwar , Veerabhadra , Kotennavar	78	17	95			
	26. Pooja . Hucchesh . Vagga	77	18	95			
	27. Prakash . Neelakanthappa . Kaladagi	75	18	93			
	28. Adarsh . Shivaling . Pattanashetti	77	19	96			
	29. Bhagyashree . Dhareppa . Biradar	74	17	91			
	30. Vannishree . Vittal . Anjutagi	76	17	93			
	31. Basavaraj . Kuberappa . Kabade	78	18	96			
	32. Soumya , Iranna , Aski33. Shreeshail , Danappa , Karni	74	Continue	92			

34.	Punit . Yamanappa . Uppar	75	17	92
35.	Kareena . Kesu . Jadhav	70	17	87
36.	Satish . Basavaraj . Nagaraddi	72	18	90
37.	Ashwini . Chandrakant . Poojari	75	19	94
38.	Priyank . Sharanagouda . Nadagouda	77	19	96
39.	Pramod . Mallikarjun . Bajantri	76	18	94
40.	Naveenkumar . Rajappa . Banasode	75	17	92
41.	Rakshith . Shankaragowda . Tumbagi	76	18	94
42.	Sumitra . Somaling . Kagar	77	19	96
43.	Pradhnya . Suresh . Patil	77	17	94
44.	Pavan . Ashok . Alegaon	75	17	92
45.	Madhu . Mahadevappa . Ballolli	77	17	94
46.	Lakshmi . Sadashiv . Naikodi	75	18	93
47.	Pruthvi . Ashok . Pawale	79	18	97
48.	Veena . Krishnappa . Rathod	75	15	90
49.	Radhika . Ullas . Patil	76	16	92
50.	Gangabai . Shankargoud . Biradar	77	17	94

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

S.B. Arts and K.C.P. Science College, Vijayapur-586103 <u>Department of Chemistry</u>

VALUE ADDED COURSE ON FOOD AND NUTRITION

Course outcome

Department of chemistry conducted Value added course for BSc-II sem students on Food and Nutrition for the academic year 2019-20. The duration of the certificate course is 30 hrs. Theory and practical classes were conducted for 50 students who have enrolled their names for the course.

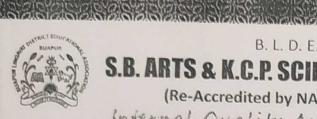
Food and Nutrition is a programme that includes various aspects of nutrition and health. It gives an understanding of mechanism in human beings, animal and other relevant organisms.

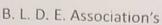
The course concentrates on three areas: food science, technology and analysis, Food Safety, quality and nutrition. There are many exciting opportunities to take on placements. Students can become a nutritionist and help the society to lead healthier lives through education in food and nutrition or enhance their mental and physical performance through specially designed diets.

They can become a food analyst or work in public health and look at the chemical and physical properties of food or conduct tests for bacteria and diseases depending on what future career path students choose, our food and nutrition course could help them get there.

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

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





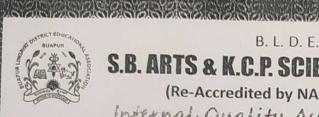
S.B. ARTS & K.C.P. SCIENCE COLLEGE, VIJAYAPUR

(Re-Accredited by NACC at 'A' Level in 3" Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Suma. Channappagouda. Choudan.	
has Completed the Value Added Course on Food and Nutrikon	
Conducted by the Department of Chamishy during the	
Year 2019-20. IQAC, Co-ordinator S.B.Arts & K.C.P. Science College Vijayapur Vijayapur Co-Ordinator, IQAC Principal Principal Principal	



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

(Re-Accredited by NACC at 'A' Level in 3'd Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Neelamma.	Sharanappa, Basorakod
has Completed the Value Added Course on	
Conducted by the Department of	during the
Year 2019-2 IQAC, Co ordinator S.B.Arts & K.C.P.Science College Vijayapur,	Principal, S.B.Arts & K.C.P. Science College, VIJAYAPUR.
Head of the Department Co-Ordinate	or, IOAC Principal



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

(Re-Accredited by NACC at 'A' Level in 3" Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms. Vanishree. Mallappa, Ingaleshow	ICIY -
has Completed the Value Added Course on Food and Natrition	
Conducted by the Department of Chamistry de	uring the
Year 2019-20. IQAC, Co-ordinator S.B.Arts & K.C.P. Science College, Vijayapur. S.B.Arts & K.C.P. Science College, Vijayapur.	lege,
Head of the Department Co-Ordinator, IQAC	Principal



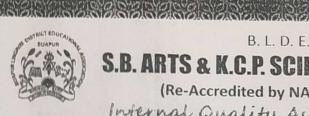
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(Re-Accredited by NACC at 'A' Level in 3th Cycle)
Infernal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to certify that Mr./Ms.	Soumya. Ashoh. Patton	4-
	Added Course on Food and 1	
Conducted by the Dep	artment of Chemistry	during the
A	Year 2019- 20	
S.B.Arts K.C.P.S.	Cience Call	pal, cience College, PUR.
Iead of the Department	Co-Ordinator, IQAC	Principal



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

(Re-Accredited by NACC at 'A' Level in 3rd Cycle)
Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

This is to cortify that Mr./Ms. Rahul. Desu. Chavan
has Completed the Value Added Course on Food and Nutrefton
Conducted by the Department of Chamistry during the
IQAC, Co-ordinator B.B.Arts & K.C.P. Science College VIJAYAPUR.
Head of the Department Co-Ordinator, IQAC Principal