



KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE - 638 107

DEPARTMENT OF BIOCHEMISTRY


20VBCFS – FOOD SAFETY AND QUALITY CONTROL – REPORT

Name of the Value Added Course	FOOD SAFETY AND QUALITY CONTROL
Course code	20VBCFS
Course Coordinator	Mr. RASU R Assistant Professor, Biochemistry
Date	Starting Date: 17.06.2020 Ending Date: 08.01.2021
Duration of the Course	40 Hours
Total participants Enrolled	100
Successfully Completed	86
Type of Assessment	Objective and Descriptive
Course Outcome	On Completion of this course the students will be able to <ul style="list-style-type: none">• Develop basic knowledge in the Concepts, sampling and analysis of different food substances• Gain practical approach in food analysis
Outcome Attainment	73 out of 86 Students scored above 60% of Marks

Feedback Question Analysis – Questions Asked

Q. No.	Parameters
Q1	The Course content was in line with my expectations
Q2	General content of the Course
Q3	The Course provided additional knowledge and skill
Q4	Well-designed Practical sessions
Q5	Schedule of the classes and other relevant details have been informed promptly
Q6	Course materials provided were useful
Q7	Provides scope for self-employment and fulfills the industrial needs




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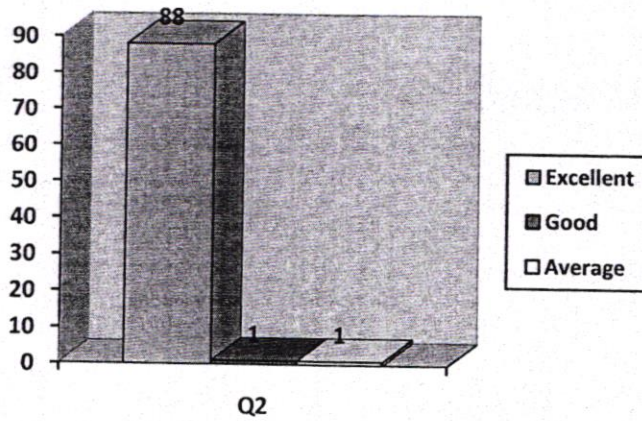
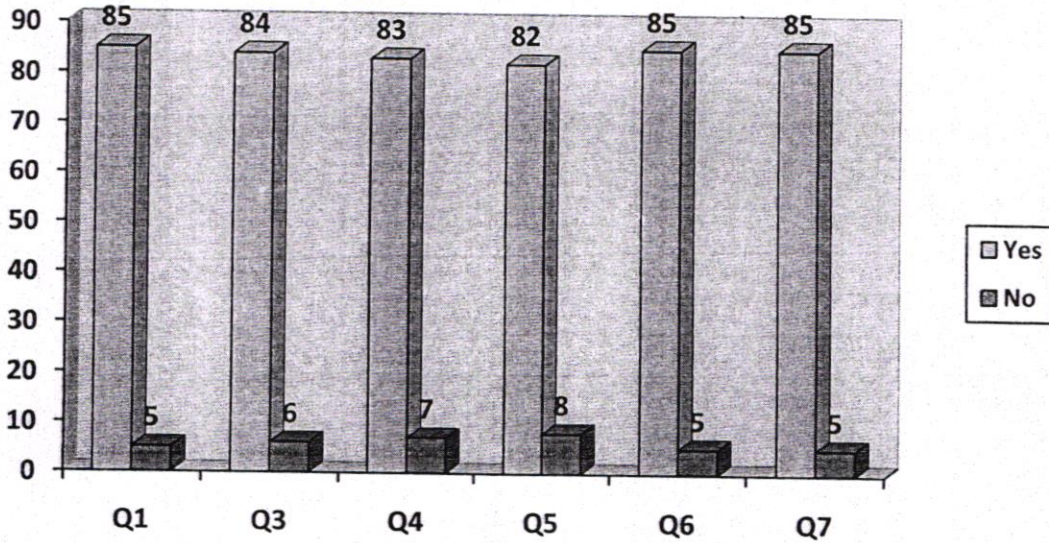


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FEEDBACK RATINGS



n. n. n.

COURSE COORDINATOR

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PRINCIPAL

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Dr. N. RAMAN
 PRINCIPAL,
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VALUE ADDED COURSE (2020-2021) - PROPOSAL

Date: 10.02.2020

Submitted to the Principal

We are planning to conduct a Value Added Course titled "20VBCFS – FOOD SAFETY AND QUALITY CONTROL" for all Department Students. The course will be benefitting the students able to ensure that a manufactured product or performed service adheres to a defined set of quality criteria or meets the requirements of the client or customer. We kindly request you to grant permission for conducting the same.

COURSE DETAILS:

Name of the Course	20VBCFS – FOOD SAFETY AND QUALITY CONTROL	
Duration of the Course	40 Hours	
Conducting Department	Biochemistry	
Course Coordinator	Mr. R. RASU Associate Professor, Biochemistry	
Assessment Type (Total : 100 Marks)	Section A Answer All Questions Objective Questions (25 x 1=25 Marks)	Section B Answer All Questions Either or type (5 x 15 =75 Marks)

OUTCOMES:

On Completion of this course the students will be able to

- Develop basic knowledge in the Concepts, sampling and analysis of different food substances
- Gain practical approach in food analysis

n. n. a. f.
COURSE COORDINATOR



dd Day -
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as
Dr. N. RAMAN
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VALUE ADDED COURSE (2020-2021) - CIRCULAR

Ref. No.: KASC-AE/BC/VAC/2020-21/02

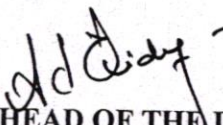
Date: 26.05.2020


It is informed that Value Added Course on “20VBCFS – FOOD SAFETY AND QUALITY CONTROL” will be conducted from 17.06.2020 (Wednesday). Registration will be on First-Come First-Serve basis. Students are asked to enroll your names for the above mentioned course as earlier as possible through Google forms link.

III Year	II Year
https://tinyurl.com/4vd75ma9	https://tinyurl.com/2p9fewm9
Last date for Registration : 28.05.2020	Last date for Registration : 05.06.2020

HoDs and respective Department Staff Members are instructed to follow-up the same. Your whole hearted co-operation is needed to conduct the sessions in a gentle manner.


Last date for Registration : 05.06.2020
Total instruction Hours : 40 Hours
Course Coordinator : Mr. R. RASU
Associate Professor / Biochemistry
Mail-id : rasu.2370@gmail.com


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Copy to: All Department Notice Board




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KASC ACADEMY OF EXCELLENCE

DEPARTMENT OF BIOCHEMISTRY

VALUE ADDED COURSE ON

FOOD SAFETY & QUALITY CONTROL

COURSE DURATION

Theory - 30 Hours

Practicals - 10 Hours

FOR WHOM

All the UG Students

COURSE CONTENT

- Principles of Quality Control
- Food Samplings
- Food Additives
- Food Adulteration
- Methods of Food analysis
- Food Contamination
- Food Standard Laws

COURSE OUTCOMES

Students will be able to

- Develop basic Knowledge in the Concepts, Sampling and Analysis of Different Food Substances
- Gain Practical approach in Food analysis

COORDINATOR

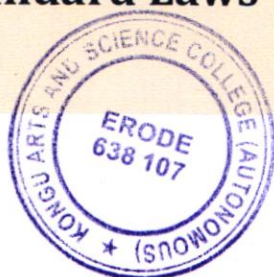
Mr. R. RASU

Associate Professor

Department of Biochemistry



**Academic Year
2020-2021**



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VALUE ADDED COURSE - SYLLABUS

20VBCFS - FOOD SAFETY AND QUALITY CONTROL

PAPER I - THEORY: FOOD SAFETY AND QUALITY CONTROL

OBJECTIVES:

- ❖ Helps to maintain safe food handling practices and protect public health.
- ❖ Gain knowledge about the quality assurance of foods.
- ❖ Gain the fundamental knowledge about the laws of food standards

UNIT I	Introduction to Quality Control	6 Hours
Quality Control: Definition, Principles, factors and Importance of Quality Control.		
Quality attributes of Food: Nutritional quality, Factors affecting taste Perception, Taste modification and Food allergy.		
Texture: Introduction, definition and importance of texture. Characteristics of texture, Texture measurement - Basic rheological models, Application of texture measurement in cereals, fruits and vegetables, dairy, meat and meat products.		
UNIT II	Sampling of Foods and Food additives	6 Hours
Sampling: Objectives, Quality assurance in Food Services System - precautions during sampling, Formulating sampling plan and sample size.		
Sample and Sampling Method of Quality Evaluation: Hazards - Microbial, Physical and Chemical.		
Food additives: Definition, Importance, Classification (intentional and unintentional additives), Common types and its hazards, immediate and long term effects of food additives, Merits and Demerits		
UNIT III	Food adulteration and Contaminants	6 Hours
Food adulteration: Common adulterants, simple tests for detection of adulteration, Types - Intentional, Incidental adulterants and metallic contaminants.		
Food Contamination: Biological Contamination; Chemical Contamination - Polycyclic Aromatic Hydrocarbons (PAHs), Maillard Reaction Products (MRPs). Acrylamide, Chloropropanols, Ethyl Carbamate Phthalates, Polycyclic Aromatic Hydrocarbons (PAHS), Nitrosamines. Polychlorinated Biphenyl (PCB), Chlorinated Hydrocarbons, Pesticides and Heavy Metals; Physical Contamination and Cross-Contamination		
UNIT IV	Methods of Food analysis	6 Hours
Physical methods: Lactometer, Refractometry, Polarimetry, Polarography, Food Rheology, Viscosity, Surface tension, Freezing point.		
Chemical methods: Proximate principles, Moisture in spices, Specific gravity, Ash and types, Total protein, non-protein nitrogen and specific protein in foods, Total fat and different types of lipids, Total Carbohydrates, starch, mono and disaccharides, Crude fibre and dietary fibre, Macro nutrients (Na, K, Mg, I and Fe), Vitamins (A, D, E and K) and Trace Elements (Cu, Zn and As).		
Microbial methods: DMC and Coli form determination		



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UNIT V	Food Standard laws and safety management	6 Hours
Definition and Terminology; Current changes in global food safety standards and their harmonization		
Food Laws: HACCP concept, principle and application in food industry. QMS (ISO: 9000:2000) - General Principles, Fundamentals and Standards requirements, TQM tools and techniques.		
Total Hours		30 Hours

Reference Books:

1. IntezAlli, (2003) "Food Quality Assurance: Principles and Practices", by CRC Press, 176 Pages.
2. Yasmine Motarjemi Huub Lelieveld, (2013) "Food Safety Management" 1st Edition, A Practical Guide for the Food Industry, 1192 pages.

Course Outcomes: On Completion of this course the students will be able to

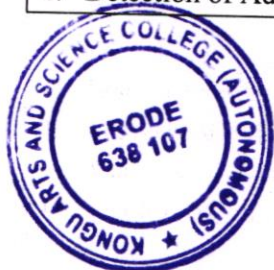
- Develop basic knowledge in the Concepts, sampling and analysis of different food substances

PAPER II: PRACTICALS: FOOD SAFETY AND QUALITY CONTROL

OBJECTIVES:

- ❖ To learn the presence of various adulterants in food substances.
- ❖ Able to estimate the certain foods using different methods.

UNIT I	2 Hours
1. Test for Proteins in Milk and Egg Albumin. 2. Test for milk protein by Folin's method. 3. Test for Carbohydrates in Banana extract. 4. Test for Carbohydrates in Sugarcane extract.	
UNIT II	2 Hours
1. Test for reducing sugar in Banana extract (Benedict's method). 2. Analysis of reducing sugars(Fehling's procedure). 3. Analysis of reducing and non-reducing sugars (Potassium ferricyanide method) 4. Test for Starch in Potato extract.	
UNIT III	2 Hours
1. Test for Fats in Egg Albumin. 2. Test for Fats in Peanuts and Different Oil. 3. Checking of Adulteration in Milk - Water, Starch, Detergent, Glucose and Urea. 4. Detection of Adulteration in Milk products and Artificial milk	



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UNIT IV	2 Hours
1. Detection of Adulterant in Dal and Pulses. 2. Detection of Adulterants in Edible oil. 3. Detection of Adulterants in Cool Drinks 4. Detection of Adulteration in Tea leaves, Turmeric powder, Saffron and Asafoetida (Hing).	
UNIT V	2 Hour
1. Analysis of level of Vitamin-C in Fruits and Vegetables. 2. Analysis of different water by microbiological techniques. 3. Determination of pH of different foods using pH strips. 4. Estimation of chlorophyll content of green vegetable.	
Total Hours	10 Hours

Reference Books:

1. InteazAlli, (2003) "Food Quality Assurance: Principles and Practices", by CRC Press, 176 Pages.
2. Yasmine Motarjemi Huub Lelieveld, (2013) "Food Safety Management" 1st Edition, A Practical Guide for the Food Industry, 1192 pages.

Course Outcomes: On Completion of this course the students will be able to

- Gain practical approach in food analysis



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ACADEMIC YEAR: 2020-2021

20VBCFS - FOOD SAFETY AND QUALITY CONTROL - FINAL ENROLMENT LIST

S. No.	REG. NO.	NAME OF THE STUDENT	CLASS
1	19UBIC001	AGALYA SRI D	II B.Sc Biochemistry
2	19UBIC003	AKILA G	II B.Sc Biochemistry
3	19UBIC009	DHARSHAN R	II B.Sc Biochemistry
4	19UBIC011	GIRITHAR S	II B.Sc Biochemistry
5	19UBIC012	GNANASAMPANTHAM P	II B.Sc Biochemistry
6	19UBIC014	GOWSALYA A	II B.Sc Biochemistry
7	19UBIC015	GUNASHREE N	II B.Sc Biochemistry
8	19UBIC016	HARIPRIYA S	II B.Sc Biochemistry
9	19UBIC018	HARSHANA K	II B.Sc Biochemistry
10	19UBIC019	JANANI S	II B.Sc Biochemistry
11	19UBIC021	JAYAPRATHA N	II B.Sc Biochemistry
12	19UBIC022	KAVYA L	II B.Sc Biochemistry
13	19UBIC023	KEERTHIKA S	II B.Sc Biochemistry
14	19UBIC024	KIRAN C	II B.Sc Biochemistry
15	19UBIC027	PRADEEPKUMAR N V	II B.Sc Biochemistry
16	19UBIC028	PRASAD T	II B.Sc Biochemistry
17	19UBIC029	PREM A S	II B.Sc Biochemistry
18	19UBIC030	PRITHINA J	II B.Sc Biochemistry
19	19UBIC032	RUBIKA K S	II B.Sc Biochemistry
20	19UBIC035	SATHEESH S	II B.Sc Biochemistry
21	19UBIC036	SHOBICA S	II B.Sc Biochemistry
22	19UBIC039	SOBIKA K	II B.Sc Biochemistry
23	19UBIC040	SOWMIYA R	II B.Sc Biochemistry
24	19UBIC041	SOWMYA V	II B.Sc Biochemistry
25	19UBIC042	SUMAIYA TANZEEM B	II B.Sc Biochemistry



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S. No.	REG. NO.	NAME OF THE STUDENT	CLASS
26	19UBIC043	SYED MUHAMMED S	II B.Sc Biochemistry
27	19UBIC045	VIJAYA KUMAR P	II B.Sc Biochemistry
28	19UBIC046	VIJAYA SHREE K	II B.Sc Biochemistry
29	19UBIC047	VINITH KUMAR N	II B.Sc Biochemistry
30	19UBIC048	VINNAVEE P M	II B.Sc Biochemistry
31	18UCOS150	METHUN S S	III B.Sc Computer Science
32	18UBIT001	AARTHI S V	III B.Sc Biotechnology
33	18UBIT011	GEETHA C	III B.Sc Biotechnology
34	18UBIT040	SARIGA P	III B.Sc Biotechnology
35	19UBIT006	DINESH N	II B.Sc Biotechnology
36	19UBIT009	GOMATHI S	II B.Sc Biotechnology
37	19UBIT016	KALAIVANI A	II B.Sc Biotechnology
38	19UBIT019	GUNAL A	II B.Sc Biotechnology
39	19UBIT020	LINGESWARAN B	II B.Sc Biotechnology
40	19UBIT022	MANOJ KUMAR M M	II B.Sc Biotechnology
41	19UBIT023	MATHIYAZHAGAN A	II B.Sc Biotechnology
42	19UBIT028	PIRAGALATHAN S	II B.Sc Biotechnology
43	19UBIT046	SUWETHA B	II B.Sc Biotechnology
44	19UBIT047	SWATHI K	II B.Sc Biotechnology
45	19UBIT048	UTHIRALAKSHMI A	II B.Sc Biotechnology
46	18UCSH001	ANAND S	III B.Sc CSHM
47	18UCSH002	ANANDHA KUMAR B	III B.Sc CSHM
48	18UCSH033	VYSHNAV R	III B.Sc CSHM
49	19UCSH002	BHARATH RAJ M	III B.Sc CSHM
50	19UCSH004	ERSATH AHAMED S	III B.Sc CSHM



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S. No.	REG. NO.	NAME OF THE STUDENT	CLASS
51	19UCSH006	GOKUL PRASAD	III B.Sc CSHM
52	19UCSH007	GOKULARASU K	III B.Sc CSHM
53	19UCSH019	VELUMANI M	III B.Sc CSHM
54	19UTAM002	DINESH KUMAR M	II B.A Tamil Literature
55	19UTAM005	KARTHIK M	II B.A Tamil Literature
56	19UTAM006	KAVIBHARATHI B	II B.A Tamil Literature
57	19UTAM013	SANGEETH C	II B.A Tamil Literature
58	18UENG028	MOBIDHARAN G	III B.A English Literature
59	18UENG068	NISANTH P	III B.A English Literature
60	19UCBI016	GOWTHAM S	II B.Com (B & I)
61	19UCBI019	HEMANTH D	II B.Com (B & I)
62	19UCBI024	JEEVA T	II B.Com (B & I)
63	19UCBI044	SANJAY K	II B.Com (B & I)
64	18UPHY013	HARISH PRASANNA E S	III B.Sc Physics
65	18UPHY014	ISWARYA A	III B.Sc Physics
66	18UPHY015	JANARTHANAM B K	III B.Sc Physics
67	18UPHY019	KAMATCHI KAVIYA K	III B.Sc Physics
68	18UPHY020	KAVI PRIYA S	III B.Sc Physics
69	18UPHY022	KEERTHANA M	III B.Sc Physics
70	18UPHY025	MOHANA PRIYA K	III B.Sc Physics
71	18UPHY030	NAVEEN KUMAR S	III B.Sc Physics
72	18UPHY038	PRIYANKA K	III B.Sc Physics
73	18UPHY039	RASHIKA R	III B.Sc Physics
74	18UPHY041	SAKTHIVEL S	III B.Sc Physics
75	18UPHY042	SANGEETHA R	III B.Sc Physics



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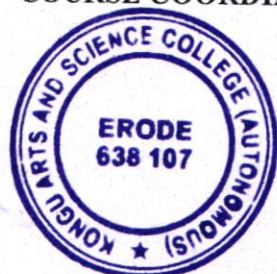
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S. No.	REG. NO.	NAME OF THE STUDENT	CLASS
76	18UPHY045	SATHYAJITH V	III B.Sc Physics
77	18UPHY052	THILAGAVATHI Y	III B.Sc Physics
78	18UPHY053	VAISHNAAVI K	III B.Sc Physics
79	19UMAT001	ABEKSHA R	II B.Sc Mathematics
80	19UMAT006	DEEPIKA T	II B.Sc Mathematics
81	19UMAT007	DEVASRII M	II B.Sc Mathematics
82	19UMAT037	PRABHA R	II B.Sc Mathematics
83	19UMAT046	SANTHIYA JAYASI G	II B.Sc Mathematics
84	19UMAT055	SRI VEDHA SUMATHI S	II B.Sc Mathematics
85	19UMAT058	TAMIL KAVI BHARATHI P	II B.Sc Mathematics
86	19UMAT066	BRINDHA J	II B.Sc Mathematics
87	19UMAT069	DHARMANAND S V	II B.Sc Mathematics
88	19UMAT073	GOPIKA S	II B.Sc Mathematics
89	19UMAT075	JANANI R	II B.Sc Mathematics
90	19UMAT076	JAYANTHI S	II B.Sc Mathematics
91	19UMAT080	KEERTHANA K	II B.Sc Mathematics
92	19UMAT087	MEGANANDHINI V	II B.Sc Mathematics
93	19UMAT092	NIVETHA J	II B.Sc Mathematics
94	19UMAT097	PRIYANKA P D	II B.Sc Mathematics
95	19UMAT100	RASIKA G	II B.Sc Mathematics
96	19UMAT102	SANJAYKANTH S	II B.Sc Mathematics
97	19UMAT112	SRI VARSHINI M	II B.Sc Mathematics
98	19UMAT115	SUGAVARSHINI	II B.Sc Mathematics
99	19UMAT116	SUREKA S	II B.Sc Mathematics
100	19UMAT119	VISHAALI K	II B.Sc Mathematics

n. n. a. f.
COURSE COORDINATOR



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SCHEDULE FOR THE VALUE ADDED COURSE 20VBCFS – FOOD SAFETY AND QUALITY CONTROL

S. No	Date	Time	Topics Covered	Theory Hours	Lab Hours
1.	17.06.2020	03.20 pm - 04.20 pm	Definition, Principles, factors and Importance of Quality Control	1	-
2.	18.06.2020	03.20 pm - 04.20 pm	Nutritional quality, Factors affecting taste Perception, Taste modification	1	-
3.	19.06.2020	03.20 pm - 04.20 pm	Food allergy	1	-
4.	20.06.2020	03.20 pm - 04.20 pm	Introduction, definition and importance of texture, Characteristics of texture	1	-
5.	22.06.2020	03.20 pm - 04.20 pm	Texture measurement - Basic rheological models	1	-
6.	23.06.2020	03.20 pm - 04.20 pm	Application of texture measurement in cereals, fruits and vegetables, dairy, meat and meat products	1	-
7.	24.06.2020	03.20 pm - 04.20 pm	Sampling: Objectives, Quality assurance in Food Services System - precautions during sampling	1	-
8.	25.06.2020	03.20 pm - 04.20 pm	Formulating sampling plan and sample size	1	-
9.	26.06.2020	03.20 pm - 04.20 pm	Sample and Sampling Method of Quality Evaluation: Hazards - Microbial	1	-
10.	27.06.2020	03.20 pm - 04.20 pm	Physical and Chemical	1	-
11.	29.06.2020	03.20 pm - 04.20 pm	Food additives: Definition, Importance, Classification (intentional and unintentional additives)	1	-
12.	30.06.2020	03.20 pm - 04.20 pm	Common types and its hazards, immediate and long term effects of food additives, Merits and Demerits	1	-
13.	05.08.2020	03.20 pm - 04.20 pm	Food adulteration: Common adulterants, simple tests for detection of adulteration	1	-
14.	06.08.2020	03.20 pm - 04.20 pm	Types - Intentional, Incidental adulterants and metallic contaminants	1	-
15.	05.08.2020	03.20 pm - 04.20 pm	Biological Food Contamination	1	-
16.	10.08.2020	03.20 pm - 04.20 pm	Chemical Food Contamination	1	-
17.	11.08.2020	03.20 pm - 04.20 pm	Physical Contamination	1	-
18.	12.08.2020	03.20 pm - 04.20 pm	Cross-Contamination	1	-
19.	13.08.2020	03.20 pm - 04.20 pm	Physical methods of food analysis	1	-
20.	14.08.2020	03.20 pm - 04.20 pm	Physical methods of food analysis	1	-



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SCHEDULE FOR THE VALUE ADDED COURSE 20VBCFS - FOOD SAFETY AND QUALITY CONTROL

21.	11.09.2020	03.20 pm - 04.20 pm	Chemical methods of food analysis	1	-
22.	12.09.2020	03.20 pm - 04.20 pm	Chemical methods of food analysis	1	-
23.	14.09.2020	03.20 pm - 04.20 pm	Chemical methods of food analysis	1	-
24.	21.09.2020	03.20 pm - 04.20 pm	Microbial methods of food analysis	1	-
25.	22.09.2020	03.20 pm - 04.20 pm	Food Standard laws and safety management	1	-
26.	23.09.2020	03.20 pm - 04.20 pm	Definition and Terminology; Current changes in global food safety standards and their harmonization	1	-
27.	24.09.2020	03.20 pm - 04.20 pm	Food Laws: HACCP concept, principle and application in food industry	1	-
28.	25.09.2020	02.20 pm - 03.20 pm	QMS (ISO: 9000:2000) - General Principles	1	-
29.	26.09.2020	03.20 pm - 04.20 pm	QMS (ISO: 9000:2000) - Fundamentals and Standards requirements	1	-
30.	28.09.2020	02.20 pm - 03.20 pm	TQM tools and techniques	1	-
31.	04.01.2021	03.20 pm - 04.20 pm	Test for Proteins in Milk and Egg Albumin. Test for milk protein by Folin's method.	-	1
32.	04.01.2021	03.20 pm - 04.20 pm	Test for Carbohydrates in Banana extract. Test for Carbohydrates in Sugarcane extract.	-	1
33.	05.01.2021	03.20 pm - 04.20 pm	Test for reducing sugar in Banana extract (Benedict's method). Analysis of reducing sugars (Fehling's procedure).	-	1
34.	05.01.2021	03.20 pm - 04.20 pm	Analysis of reducing and non-reducing sugars (Potassium ferricyanide method) Test for Starch in Potato extract.	-	1
35.	06.01.2021	02.20 pm - 03.20 pm	Test for Fats in Egg Albumin. Test for Fats in Peanuts and Different Oil.	-	1
36.	06.01.2021	03.20 pm - 04.20 pm	Checking of Adulteration in Milk - Water, Starch, Detergent, Glucose and Urea. Detection of Adulteration in Milk products and Artificial milk	-	1



Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM ERODE 638 107



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ACADEMIC YEAR: 2020-2021

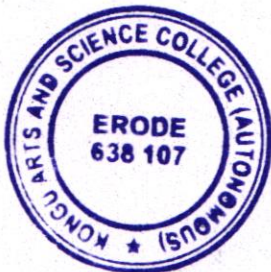
SCHEDULE FOR THE VALUE ADDED COURSE 20VBCFS - FOOD SAFETY AND QUALITY CONTROL

37.	07.01.2021	02.20 pm - 03.20 pm	Detection of Adulterant in Dal and Pulses. Detection of Adulterants in Edible oil	-	1
38.	07.01.2021	03.20 pm - 04.20 pm	Detection of Adulterants in Cool Drinks Detection of Adulteration in Tea leaves, Turmeric powder, Saffron and Asafoetida (Hing).	-	1
39.	08.01.2021	02.20 pm - 03.20 pm	Analysis of level of Vitamin-C in Fruits and Vegetables. Analysis of different water by microbiological techniques	-	1
40.	08.01.2021	03.20 pm - 04.20 pm	Determination of pH of different foods using pH strips. Estimation of chlorophyll content of green vegetable	-	1
TOTAL HOURS - 40 HOURS					
Assessment Date & Time		: Paper I - 09.01.2021 & 10:00 am - 01:00 pm Paper II - 11.01.2021 & 10:00 am - 01:00 pm			
Type of Assessment		: Objective And Descriptive Questions			

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ad d. d.
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d.
PRINCIPAL
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107.



d.
Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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			3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20
1	19UBIC001	AGALYA SRI D	/	/	/	/	/	/	/	/	/	/
2	19UBIC003	AKILA G	/	/	/	/	/	/	/	/	/	/
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5	19UBIC012	GNANASAMPANTHAM	/	/	/	/	/	/	/	/	/	/
6	19UBIC014	GOWSALYA A	/	/	/	/	/	/	/	/	/	/
7	19UBIC015	GUNASHREE N	/	/	/	/	/	/	/	/	/	/
8	19UBIC016	HARIPRIYA S	/	/	/	/	/	/	/	/	/	/
9	19UBIC018	HARSHANA K	/	/	/	/	/	/	/	/	/	/
10	19UBIC019	JANANI S	/	/	/	/	/	A	/	/	/	/
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12	19UBIC022	KAVYA L	/	/	/	/	/	/	/	/	/	/
13	19UBIC023	KEERTHIKA S	/	/	/	/	/	/	/	/	/	/
14	19UBIC024	KIRAN C	A	/	A	A	A	A	A	A	/	/
15	19UBIC027	PRADEEPKUMAR N V	/	/	/	/	A	A	/	/	A	/
16	19UBIC028	PRASAD T	/	/	/	/	A	A	/	/	/	/
17	19UBIC029	PREM A S	/	/	/	/	/	A	/	/	/	/
18	19UBIC030	PRITHINA J	/	/	/	/	/	/	/	/	/	/
19	19UBIC032	RUBIKA K S	/	/	/	/	/	/	/	A	/	/
20	19UBIC035	SATHEESH S	/	/	/	/	/	/	/	/	/	/
21	19UBIC036	SHOBIKA S	/	/	A	/	/	/	/	/	/	/
22	19UBIC039	SOBIKA K	/	A	/	/	A	/	/	/	/	/
23	19UBIC040	SOWMIYA R	A	/	/	/	/	/	A	/	/	/
24	19UBIC041	SOWMYA V	/	A	/	/	/	/	/	/	/	/
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26	19UBIC043	SYED MUHAMMED S	/	/	/	/	/	/	/	/	/	A
27	19UBIC045	VIJAYA KUMAR P	/	/	/	/	/	/	/	/	/	/
28	19UBIC046	VIJAYA SHREE K	/	/	A	/	/	/	/	/	/	/
29	19UBIC047	VINITH KUMAR N	/	/	/	/	/	A	/	/	/	/
30	19UBIC048	VINNAVEE P M	/	/	/	/	/	/	/	/	/	/




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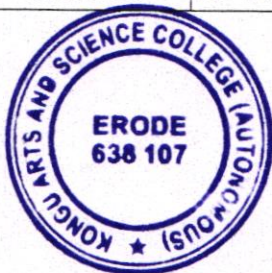
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31	18UCOS150	METHUN S S	A	A	/	/	/	/	/	/	/	/
32	18UBIT001	AARTHI S V	/	/	/	/	/	/	/	/	/	/
33	18UBIT011	GEETHA C	/	/	/	/	/	/	/	/	/	/
34	18UBIT040	SARIGA P	/	/	/	/	/	/	/	/	/	/
35	19UBIT006	DINESH N	/	/	/	/	/	/	/	/	/	/
36	19UBIT009	GOMATHI S	/	/	/	/	/	/	/	/	/	/
37	19UBIT016	KALAIVANI A	/	/	/	/	/	A	/	/	/	/
38	19UBIT019	GUNAL A	/	/	A	/	/	A	/	A	/	A
39	19UBIT020	LINGESWARAN B	/	/	/	A	/	/	/	/	/	/
40	19UBIT022	MANOJ KUMAR M M	/	A	/	/	/	/	/	/	/	/
41	19UBIT023	MATHIYAZHAGAN A	A	/	A	/	/	/	/	/	/	A
42	19UBIT028	PIRAGALATHAN S	/	/	/	/	/	/	/	/	/	/
43	19UBIT046	SUWETHA B	/	/	/	/	/	/	/	/	/	/
44	19UBIT047	SWATHI K	/	/	/	/	/	/	/	/	/	/
45	19UBIT048	UTHIRALAKSHMI A	/	/	/	/	/	/	/	/	/	/
46	18UCSH001	ANAND S	/	/	/	/	/	/	A	/	/	/
47	18UCSH002	ANANDHA KUMAR B	A	/	/	/	/	/	A	/	/	/
48	18UCSH033	VYSHNAV R	A	A	A	A	A	A	/	/	/	/
49	19UCSH002	BHARATH RAJ M	/	/	/	/	A	A	/	/	/	A
50	19UCSH004	ERSATH AHAMED S	/	/	/	/	/	A	/	/	/	/
51	19UCSH006	GOKUL PRASAD	A	/	/	/	/	/	/	/	/	/
52	19UCSH007	GOKULARASU K	/	/	A	/	/	/	A	A	/	/
53	19UCSH019	VELUMANI M	/	/	/	/	/	/	/	/	/	/
54	19UTAM002	DINESH KUMAR M	/	/	/	/	/	/	/	/	/	/
55	19UTAM005	KARTHIK M	A	A	A	A	A	A	A	A	A	A
56	19UTAM006	KAVIBHARATHI B	/	/	/	/	/	/	A	/	/	A
57	19UTAM013	SANGEETH C	/	/	/	/	/	/	/	/	/	/
58	18UENG028	MOBIDHARAN G	A	A	A	A	A	/	/	/	/	A
59	18UENG068	NISANTH P	A	A	/	/	/	/	/	/	/	/
60	19UCBI016	GOWTHAM S	/	/	/	/	/	/	/	/	/	/



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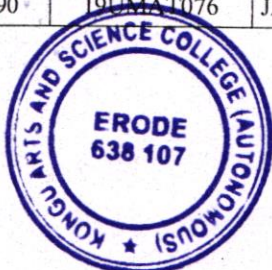
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61	19UCBI019	HEMANTH D	A	/	/	/	/	/	/	/	/	/
62	19UCBI024	JEEVA T	/	/	/	/	/	/	/	/	/	/
63	19UCBI044	SANJAY K	/	/	/	/	/	/	/	/	/	/
64	18UPHY013	HARISH PRASANNA E S	/	/	/	/	A	/	/	/	/	/
65	18UPHY014	ISWARYA A	/	/	/	/	/	/	A	/	/	/
66	18UPHY015	JANARTHANAM B K	/	/	/	/	/	/	/	/	/	/
67	18UPHY019	KAMATCHI KAVIYA K	/	/	/	/	/	/	/	/	/	/
68	18UPHY020	KAVI PRIYA S	/	/	/	/	/	/	/	/	/	/
69	18UPHY022	KEERTHANA M	/	/	/	/	/	/	/	/	/	/
70	18UPHY025	MOHANA PRIYA K	/	/	/	/	/	/	/	/	/	/
71	18UPHY030	NAVEEN KUMAR S	/	/	/	/	/	/	/	/	/	/
72	18UPHY038	PRIYANKA K	/	/	A	/	/	/	/	/	/	/
73	18UPHY039	RASHIKA R	/	/	/	/	/	/	/	/	/	/
74	18UPHY041	SAKTHIVEL S	/	/	/	/	/	/	/	/	/	/
75	18UPHY042	SANGEETHA R	/	/	/	/	/	/	/	/	/	/
76	18UPHY045	SATHYAJITH V	/	/	/	/	/	/	/	/	/	/
77	18UPHY052	THILAGAVATHI Y	/	/	/	/	/	/	/	/	/	/
78	18UPHY053	VAISHNAAVI K	/	/	/	/	/	/	/	/	/	/
79	19UMAT001	ABEKSHA R	/	/	/	/	/	/	/	/	/	/
80	19UMAT006	DEEPIKA T	/	/	/	/	/	/	/	/	/	/
81	19UMAT007	DEVASRII M	/	/	A	A	/	A	A	A	/	A
82	19UMAT037	PRABHA R	/	/	/	/	/	/	A	/	/	/
83	19UMAT046	SANTHIYA JAYASI G	/	/	/	/	/	/	/	/	/	/
84	19UMAT055	SRI VEDHA SUMATHI S	/	/	/	/	/	/	/	/	/	/
85	19UMAT058	TAMIL KAVI BHARATHI P	/	/	/	/	/	/	/	/	/	/
86	19UMAT066	BRINDHA J	/	/	/	/	/	/	/	/	/	/
87	19UMAT069	DHARMANAND S V	/	A	/	/	A	/	A	A	/	/
88	19UMAT073	GOPIKA S	A	A	A	A	/	A	/	/	/	/
89	19UMAT075	JANANI R	/	A	/	/	/	/	/	/	/	/
90	19UMAT076	JAYANTHI S	/	/	/	/	/	/	/	/	/	/



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91	19UMAT080	KEERTHANA K	/	/	/	/	/	/	/	/	/	/
92	19UMAT087	MEGANANDHINI V	/	/	/	/	/	/	A	/	/	/
93	19UMAT092	NIVETHA J	/	/	/	/	/	/	/	/	/	/
94	19UMAT097	PRIYANKA P D	/	/	/	/	/	/	/	/	/	/
95	19UMAT100	RASIKA G	/	/	/	A	/	/	/	/	/	/
96	19UMAT102	SANJAYKANTH S	/	/	/	/	/	A	/	/	/	/
97	19UMAT112	SRI VARSHINI M	/	/	/	/	/	/	/	/	/	/
98	19UMAT115	SUGAVARSHINI	/	/	/	/	A	A	A	/	/	/
99	19UMAT116	SUREKA S	/	A	A	A	/	/	/	/	/	/
100	19UMAT119	VISHAALI K	/	/	/	/	/	/	/	/	/	/
Faculty Signature			<i>MM</i>	<i>MM</i>	<i>MM</i>	<i>TR</i>	<i>TR</i>	<i>TR</i>	<i>TR</i>	<i>RR</i>	<i>RR</i>	<i>AKV</i>
			MM	MM	MM	TR	TR	TR	TR	RR	RR	AKV

AKV- Dr. A. K. Vidya
RR - Mr. R. Rasu
TR - Mrs. T. Radha
MM - Ms. M. Muthu Abirami

n. n. n.
COURSE COORDINATOR

Dr. A. K. Vidya
HOD/ BIOCHEMISTRY
HEAD OF THE DEPARTMENT
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PRINCIPAL
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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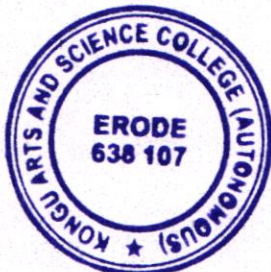
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			3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20
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6	19UBIC014	GOWSALYA A	/	/	/	/	/	/	/	/	/	/
7	19UBIC015	GUNASHREE N	/	/	/	/	/	A	/	/	/	/
8	19UBIC016	HARIPRIYA S	/	/	/	/	/	/	/	/	A	/
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13	19UBIC023	KEERTHIKA S	/	/	A	/	/	/	/	/	/	/
14	19UBIC024	KIRAN C	/	/	A	/	/	A	/	A	/	/
15	19UBIC027	PRADEEPKUMAR N V	/	/	/	/	/	A	/	/	/	/
16	19UBIC028	PRASAD T	/	/	/	/	/	A	/	/	/	/
17	19UBIC029	PREM A S	/	/	/	/	/	A	/	/	/	/
18	19UBIC030	PRITHINA J	/	/	/	/	/	/	/	/	/	A
19	19UBIC032	RUBIKA K S	/	/	/	/	/	/	/	/	/	/
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21	19UBIC036	SHOBIKA S	/	/	/	/	/	/	/	/	/	/
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24	19UBIC041	SOWMYA V	/	/	/	/	/	/	/	/	/	/
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29	19UBIC047	VINITH KUMAR N	/	/	/	A	/	/	/	/	A	/
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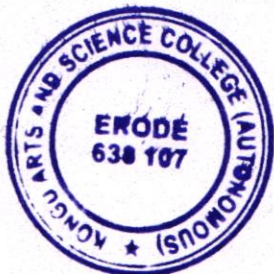
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			3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20
31	18UCOS150	METHUN S S	A	A	I	I	I	I	I	I	I	I
32	18UBIT001	AARTHI S V	I	I	I	I	I	I	I	I	I	I
33	18UBIT011	GEETHA C	I	I	I	I	I	I	I	I	I	I
34	18UBIT040	SARIGA P	I	I	I	I	I	I	I	I	I	I
35	19UBIT006	DINESH N	I	I	I	I	I	I	I	I	I	I
36	19UBIT009	GOMATHI S	I	I	I	I	I	I	I	I	I	I
37	19UBIT016	KALAIVANI A	I	I	I	I	I	A	I	I	I	I
38	19UBIT019	GUNAL A	I	I	A	I	I	A	I	A	I	A
39	19UBIT020	LINGESWARAN B	I	I	I	A	I	I	I	I	I	I
40	19UBIT022	MANOJ KUMAR M M	I	I	I	I	I	I	I	I	I	I
41	19UBIT023	MATHIYAZHAGAN A	I	I	I	I	I	I	I	I	A	I
42	19UBIT028	PIRAGALATHAN S	I	I	I	I	I	I	A	I	I	I
43	19UBIT046	SUWETHA B	I	I	I	I	I	I	I	I	I	I
44	19UBIT047	SWATHI K	I	I	I	I	I	I	I	I	I	I
45	19UBIT048	UTHIRALAKSHMI A	I	I	I	I	I	I	I	I	I	I
46	18UCSH001	ANAND S	I	I	A	I	A	A	I	A	I	A
47	18UCSH002	ANANDHA KUMAR B	A	A	A	I	A	I	I	A	A	I
48	18UCSH033	VYSHNAV R	I	A	A	A	A	A	I	A	A	I
49	19UCSH002	BHARATH RAJ M	I	I	I	A	I	I	A	I	I	I
50	19UCSH004	ERSATH AHAMED S	I	I	I	I	A	A	I	A	I	A
51	19UCSH006	GOKUL PRASAD	I	I	I	I	I	A	I	I	A	A
52	19UCSH007	GOKULARASU K	I	I	I	I	I	I	I	I	I	I
53	19UCSH019	VELUMANI M	I	I	I	I	A	A	I	A	I	I
54	19UTAM002	DINESH KUMAR M	I	I	I	I	I	I	I	I	I	I
55	19UTAM005	KARTHIK M	A	A	A	I	I	I	I	I	I	I
56	19UTAM006	KAVIBHARATHI B	I	I	I	I	I	I	I	I	I	I
57	19UTAM013	SANGEETH C	I	I	I	I	I	I	I	I	I	I
58	18UENG028	MOBIDHARAN G	A	A	A	A	A	A	I	I	I	A
59	18UENG068	NISANTH P			A	A	I	I	I	A	I	I
60	19UCBI016	GOWTHAM S	I	I	I	I	I	I	I	I	I	I



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 (AUTONOMOUS)
 NANJANAPURAM, ERODE - 638 107



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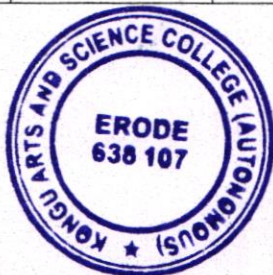
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			3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20
61	19UCBI019	HEMANTH D	/	/	/	/	/	A	/	A	/	/
62	19UCBI024	JEEVA T	/	/	/	/	/	/	/	/	/	/
63	19UCBI044	SANJAY K	/	/	/	/	/	/	/	/	/	/
64	18UPHY013	HARISH PRASANNA E S	/	/	/	/	/	/	/	/	/	/
65	18UPHY014	ISWARYA A	/	/	/	/	/	/	/	/	A	/
66	18UPHY015	JANARTHANAM B K	/	/	/	/	/	/	/	A	/	/
67	18UPHY019	KAMATCHI KAVIYA K	/	/	/	/	/	/	/	/	/	/
68	18UPHY020	KAVI PRIYA S	/	/	/	/	/	/	/	/	/	/
69	18UPHY022	KEERTHANA M	/	/	/	/	/	/	A	/	A	/
70	18UPHY025	MOHANA PRIYA K	/	/	/	/	/	A	/	/	/	/
71	18UPHY030	NAVEEN KUMAR S	/	/	/	/	/	/	/	/	/	/
72	18UPHY038	PRIYANKA K	/	/	/	/	A	/	/	/	/	/
73	18UPHY039	RASHIKA R	/	/	/	/	/	/	/	/	/	/
74	18UPHY041	SAKTHIVEL S	/	/	/	/	/	/	/	/	/	/
75	18UPHY042	SANGEETHA R	/	/	/	/	/	/	/	/	/	A
76	18UPHY045	SATHYAJITH V	/	/	/	/	/	/	A	A	/	/
77	18UPHY052	THILAGAVATHI Y	/	/	/	/	/	/	/	/	/	/
78	18UPHY053	VAISHNAAVI K	/	/	/	/	/	/	/	/	/	/
79	19UMAT001	ABEKSHA R	/	/	/	/	/	/	/	/	/	/
80	19UMAT006	DEEPIKA T	/	/	/	/	/	/	A	/	/	/
81	19UMAT007	DEVASRII M	/	A	A	A	A	A	/	A	A	A
82	19UMAT037	PRABHA R	/	/	/	A	/	/	/	A	/	/
83	19UMAT046	SANTHIYA JAYASI G	/	/	/	/	/	/	/	/	/	/
84	19UMAT055	SRI VEDHA SUMATHI S	/	/	/	/	/	/	/	/	/	/
85	19UMAT058	TAMIL KAVI BHARATHI P	/	/	/	/	/	/	/	/	/	/
86	19UMAT066	BRINDHA J	/	/	/	/	/	/	A	/	/	A
87	19UMAT069	DHARMANAND S V	/	/	/	/	/	A	/	A	/	/
88	19UMAT073	GOPIKA S	/	A	A	A	A	/	/	A	A	/
89	19UMAT075	JANANI R	/	/	/	/	/	/	A	/	/	/
90	19UMAT076	JAYANTHI S	/	/	/	/	A	/	/	/	/	/



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91	19UMAT080	KEERTHANA K	/	/	/	/	/	/	A	/	/	/
92	19UMAT087	MEGANANDHINI V	/	/	/	A	/	/	/	/	/	/
93	19UMAT092	NIVETHA J	/	/	/	/	/	/	/	/	/	/
94	19UMAT097	PRIYANKA P D	/	/	/	/	/	/	/	/	/	/
95	19UMAT100	RASIKA G	/	/	/	/	A	/	/	/	/	/
96	19UMAT102	SANJAYKANTH S	/	A	/	A	A	/	/	/	A	/
97	19UMAT112	SRI VARSHINI M	/	/	/	/	/	/	/	/	/	/
98	19UMAT115	SUGAVARSHINI	/	/	/	A	/	/	/	/	/	/
99	19UMAT116	SUREKA S	/	/	/	A	A	/	A	/	/	A
100	19UMAT119	VISHAALI K	/	/	/	/	/	/	/	/	/	/
Faculty Signature			<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
			AKV	AKV	GK	GK	GK	SN	SN	SN	AKV	RR

AKV- Dr. A. K. Vidya
 RR - Mr. R. Rasu
 SN - Mr. S. Natarajan
 GK - Mr. G. Karthikeyan

n.n.a.s
 COURSE COORDINATOR

[Signature]
 HOD/ BIOCHEMISTRY

HEAD OF THE DEPARTMENT
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 KONGU ARTS AND SCIENCE COLLEGE
 (AUTONOMOUS)
 ERODE - 638 107.

[Signature]
 PRINCIPAL

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[Signature]
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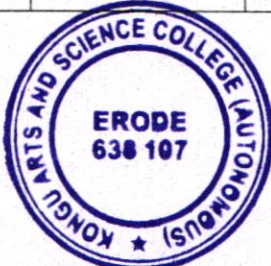
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			3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20	3.20-4.20
1	19UBIC001	AGALYA SRI D	/	/	/	/	/	/	/	/	/	/
2	19UBIC003	AKILA G	/	/	/	/	/	/	/	/	/	/
3	19UBIC009	DHARSHAN R	/	/	A	A	/	/	/	A	/	/
4	19UBIC011	GIRITHAR S	/	/	/	/	/	/	/	/	/	/
5	19UBIC012	GNANASAMPANTHAM	/	/	/	/	/	/	/	/	/	/
6	19UBIC014	GOWSALYA A	/	/	/	/	/	/	/	/	/	/
7	19UBIC015	GUNASHREE N	/	/	/	/	/	/	/	/	/	/
8	19UBIC016	HARIPRIYA S	/	A	/	/	/	/	/	/	/	/
9	19UBIC018	HARSHANA K	/	/	A	/	/	/	/	A	/	A
10	19UBIC019	JANANI S	/	/	/	/	/	/	/	/	/	/
11	19UBIC021	JAYAPRATHA N	/	/	/	/	/	/	/	A	/	A
12	19UBIC022	KAVYA L	/	/	/	/	/	/	/	/	/	/
13	19UBIC023	KEERTHIKA S	/	/	/	/	/	/	/	/	/	/
14	19UBIC024	KIRAN C	/	A	/	/	/	/	/	/	/	/
15	19UBIC027	PRADEEPKUMAR N V	A	/	/	/	/	/	/	/	/	/
16	19UBIC028	PRASAD T	/	/	/	/	/	/	/	/	/	/
17	19UBIC029	PREM A S	/	/	/	/	/	/	/	/	/	/
18	19UBIC030	PRITHINA J	/	/	/	/	/	/	/	/	/	/
19	19UBIC032	RUBIKA K S	A	/	/	/	/	/	/	A	/	/
20	19UBIC035	SATHEESH S	A	/	/	A	/	/	/	/	/	A
21	19UBIC036	SHOBICA S	/	/	/	/	/	/	/	/	/	/
22	19UBIC039	SOBIKA K	/	/	/	/	/	/	/	/	/	/
23	19UBIC040	SOWMIYA R	/	/	/	/	/	/	/	/	/	/
24	19UBIC041	SOWMYA V	/	/	/	/	/	/	/	/	/	/
25	19UBIC042	SUMAIYA TANZEEM B	/	/	/	A	/	/	/	/	/	/
26	19UBIC043	SYED MUHAMMED S	/	/	/	/	/	/	/	/	/	/
27	19UBIC045	VIJAYA KUMAR P	/	A	/	/	/	/	/	A	/	/
28	19UBIC046	VIJAYA SHREE K	/	/	/	/	/	/	/	/	/	/
29	19UBIC047	VINITH KUMAR N	/	/	/	/	/	/	/	/	/	/
30	19UBIC048	VINNAVEE P M	/	/	/	/	/	/	/	/	/	A




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32	18UBIT001	AARTHI S V	/	/	/	/	/	/	/	/	/	/
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46	18UCSH001	ANAND S	A	A	A	A	/	A	/	A	A	/
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58	18UENG028	MOBIDHARAN G	A	/	A	A	A	A	A	A	A	A
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66	18UPHY015	JANARTHANAM B K	/	/	A	A	/	/	/	A	/	/
67	18UPHY019	KAMATCHI KAVIYA K	/	/	/	/	/	/	/	/	/	/
68	18UPHY020	KAVI PRIYA S	A	/	/	/	/	/	/	/	/	/
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70	18UPHY025	MOHANA PRIYA K	/	/	/	/	/	/	/	/	/	/
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81	19UMAT007	DEVASRII M	/	A	A	A	A	A	A	A	A	A
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89	19UMAT075	JANANI R	/	/	/	/	/	/	/	/	/	A
90	19UMAT076	JAYANTHI S	/	/	/	/	/	/	/	/	/	/




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95	19UMAT100	RASIKA G	/	/	/	/	/	/	/	/	/	/
96	19UMAT102	SANJAYKANTH S	/	/	/	/	A	A	/	/	/	/
97	19UMAT112	SRI VARSHINI M	/	/	A	/	/	/	/	/	/	/
98	19UMAT115	SUGAVARSHINI	A	/	/	/	/	A	/	/	A	/
99	19UMAT116	SUREKA S	/	A	A	A	A	A	/	/	A	A
100	19UMAT119	VISHAALI K	/	/	/	/	/	/	/	/	/	/
Faculty Signature			RR	NS	NS	NS	NS	SN	SN	GK	GK	MM

RR - Mr. R. Rasu
 SN - Mr. S. Natarajan
 NS - Dr. N. Sangeetha
 GK - Mr. G. Karthikeyan
 MM - Ms. M. Muthu Abirami

n-n-a-j
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 HOD/ BIOCHEMISTRY
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 ERODE - 638 107.

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 PRINCIPAL,
 KONGU ARTS AND SCIENCE COLLEGE
 (AUTONOMOUS)
 NANJANAPURAM, ERODE - 638 107.



d
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 PRINCIPAL,
 KONGU ARTS AND SCIENCE COLLEGE
 (AUTONOMOUS)
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20VBCFS - FOOD SAFETY AND QUALITY CONTROL - ATTENDANCE

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			2.20-3.20	3.20-4.20	2.20-3.20	3.20-4.20	2.20-3.20	3.20-4.20	2.20-3.20	3.20-4.20	2.20-3.20	3.20-4.20
1	19UBIC001	AGALYA SRI D	/	/	/	/	/	/	/	/	/	/
2	19UBIC003	AKILA G	/	/	/	/	/	/	/	/	/	/
3	19UBIC009	DHARSHAN R	/	/	/	/	/	/	A	A	A	A
4	19UBIC011	GIRITHAR S	/	/	/	/	/	/	/	/	/	/
5	19UBIC012	GNANASAMPANTHAM	/	/	/	/	/	/	/	/	/	/
6	19UBIC014	GOWSALYA A	/	/	/	/	/	/	/	/	/	/
7	19UBIC015	GUNASHREE N	/	/	/	/	A	A	/	/	/	/
8	19UBIC016	HARIPRIYA S	/	/	/	/	/	/	/	/	/	/
9	19UBIC018	HARSHANA K	/	/	/	/	/	/	/	/	A	A
10	19UBIC019	JANANI S	/	/	/	/	/	/	/	/	/	/
11	19UBIC021	JAYAPRATHA N	/	/	/	/	/	/	/	/	/	/
12	19UBIC022	KAVYA L	/	/	/	/	/	/	/	/	/	/
13	19UBIC023	KEERTHIKA S	/	/	/	/	/	/	/	/	/	/
14	19UBIC024	KIRAN C	/	/	/	/	A	A	/	/	/	/
15	19UBIC027	PRADEEPKUMAR N V	/	/	/	/	A	A	/	/	/	/
16	19UBIC028	PRASAD T	/	/	/	/	/	/	/	/	A	A
17	19UBIC029	PREM A S	/	/	/	/	A	A	A	A	/	/
18	19UBIC030	PRITHINA J	/	/	/	/	/	/	/	/	/	/
19	19UBIC032	RUBIKA K S	/	/	/	/	/	/	/	/	/	/
20	19UBIC035	SATHEESH S	/	/	/	/	/	/	/	/	/	/
21	19UBIC036	SHOBICA S	/	/	/	/	/	/	/	/	/	/
22	19UBIC039	SOBIKA K	/	/	/	/	/	/	/	/	/	/
23	19UBIC040	SOWMIYA R	/	/	/	/	A	A	/	/	/	/
24	19UBIC041	SOWMYA V	/	/	/	/	/	/	/	/	/	/
25	19UBIC042	SUMAIYA TANZEEM B	/	/	/	/	A	A	/	/	/	/
26	19UBIC043	SYED MUHAMMED S	/	/	/	/	/	/	/	/	/	/
27	19UBIC045	VIJAYA KUMAR P	/	/	/	/	/	/	/	/	/	/
28	19UBIC046	VIJAYA SHREE K	/	/	/	/	/	/	/	/	/	/
29	19UBIC047	VINITH KUMAR N	/	/	/	/	A	A	/	/	/	/
30	19UBIC048	VINNAVEE P M	/	/	/	/	/	/	/	/	A	A



Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107



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31	18UCOS150	METHUN S S	A	I	A	A	I	A	I	A	A	I
32	18UBIT001	AARTHI S V	I	I	I	I	I	I	I	I	I	I
33	18UBIT011	GEETHA C	I	I	I	I	I	I	I	I	I	I
34	18UBIT040	SARIGA P	I	I	I	I	A	A	I	I	I	I
35	19UBIT006	DINESH N	I	I	I	I	I	I	I	I	I	I
36	19UBIT009	GOMATHI S	I	I	I	I	I	I	I	I	I	I
37	19UBIT016	KALAIVANI A	I	A	I	I	I	I	I	A	I	I
38	19UBIT019	GUNAL A	I	A	A	A	A	I	A	A	I	I
39	19UBIT020	LINGESWARAN B	I	I	I	I	I	I	I	I	I	I
40	19UBIT022	MANOJ KUMAR M M	I	I	A	A	I	I	I	A	I	I
41	19UBIT023	MATHIYAZHAGAN A	I	I	A	A	I	I	I	A	I	I
42	19UBIT028	PIRAGALATHAN S	A	I	I	I	I	A	I	I	A	A
43	19UBIT046	SUWETHA B	I	I	I	I	I	I	I	I	I	I
44	19UBIT047	SWATHI K	I	I	I	I	I	I	I	I	I	I
45	19UBIT048	UTHIRALAKSHMI A	I	I	I	I	I	I	I	I	I	I
46	18UCSH001	ANAND S	I	I	A	A	A	A	I	I	A	A
47	18UCSH002	ANANDHA KUMAR B	I	I	A	A	A	A	I	I	I	I
48	18UCSH033	VYSHNAV R	A	A	A	A	A	A	A	A	A	A
49	19UCSH002	BHARATH RAJ M	I	A	A	A	A	A	A	A	A	A
50	19UCSH004	ERSATH AHAMED S	I	I	A	A	A	A	I	I	I	I
51	19UCSH006	GOKUL PRASAD	I	I	A	A	A	A	A	A	I	I
52	19UCSH007	GOKULARASU K	I	I	I	I	I	I	A	A	I	I
53	19UCSH019	VELUMANI M	I	I	A	A	A	A	A	A	I	I
54	19UTAM002	DINESH KUMAR M	I	I	I	I	I	I	I	I	I	I
55	19UTAM005	KARTHIK M	I	I	A	A	A	A	A	A	A	A
56	19UTAM006	KAVIBHARATHI B	I	I	I	I	I	I	A	A	I	I
57	19UTAM013	SANGEETH C	I	I	I	I	I	I	I	I	I	I
58	18UENG028	MOBIDHARAN G	A	A	A	A	A	A	A	A	A	A
59	18UENG068	NISANTH P	I	I	I	I	I	I	A	A	I	I
60	19UCBI016	GOWTHAM S	I	I	I	I	I	I	A	A	I	I



Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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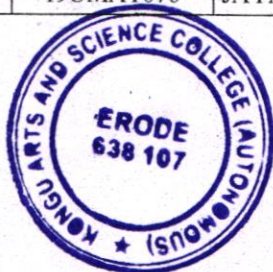
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61	19UCBI019	HEMANTH D	/	/	/	/	/	/	/	/	/	/
62	19UCBI024	JEEVA T	/	/	/	/	/	/	/	/	/	/
63	19UCBI044	SANJAY K	/	/	/	/	/	/	/	/	/	/
64	18UPHY013	HARISH PRASANNA E S	/	/	/	/	/	/	/	/	/	/
65	18UPHY014	ISWARYA A	/	/	/	/	/	/	/	/	/	/
66	18UPHY015	JANARTHANAM B K	/	/	/	/	/	/	/	/	/	/
67	18UPHY019	KAMATCHI KAVIYA K	/	/	/	/	/	/	/	/	/	/
68	18UPHY020	KAVI PRIYA S	/	/	/	/	/	/	/	/	/	/
69	18UPHY022	KEERTHANA M	/	/	/	/	/	/	/	/	/	/
70	18UPHY025	MOHANA PRIYA K	/	/	/	/	/	/	/	/	/	/
71	18UPHY030	NAVEEN KUMAR S	/	/	/	/	/	/	/	/	/	/
72	18UPHY038	PRIYANKA K	/	/	/	/	/	/	/	/	/	/
73	18UPHY039	RASHIKA R	/	/	/	/	/	/	/	/	/	/
74	18UPHY041	SAKTHIVEL S	/	/	/	/	/	/	/	/	/	/
75	18UPHY042	SANGEETHA R	/	/	/	/	/	A	A	A	A	A
76	18UPHY045	SATHYAJITH V	/	/	/	/	/	/	/	/	/	/
77	18UPHY052	THILAGAVATHI Y	/	/	/	/	/	/	/	/	/	/
78	18UPHY053	VAISHNAAVI K	/	/	/	/	/	/	/	/	/	/
79	19UMAT001	ABEKSHA R	/	/	/	/	/	/	/	/	/	/
80	19UMAT006	DEEPIKA T	/	/	/	/	/	/	/	/	/	/
81	19UMAT007	DEVASRII M	/	/	A	A	A	A	A	A	A	A
82	19UMAT037	PRABHA R	/	/	/	/	/	/	/	/	/	/
83	19UMAT046	SANTHIYA JAYASI G	/	/	/	/	/	/	/	/	/	/
84	19UMAT055	SRI VEDHA SUMATHI S	/	/	/	/	/	/	/	/	/	/
85	19UMAT058	TAMIL KAVI BHARATHI P	/	/	/	/	/	/	/	/	/	/
86	19UMAT066	BRINDHA J	/	/	/	/	/	/	/	/	A	A
87	19UMAT069	DHARMANAND S V	/	/	/	/	/	/	/	/	/	/
88	19UMAT073	GOPIKA S	A	A	A	A	A	A	A	A	A	A
89	19UMAT075	JANANI R	/	/	/	/	A	A	/	/	/	/
90	19UMAT076	JAYANTHI S	/	/	/	/	/	/	/	/	/	/



Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
NANJANAPURAM, ERODE - 638 107



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91	19UMAT080	KEERTHANA K										
92	19UMAT087	MEGANANDHINI V										
93	19UMAT092	NIVETHA J										
94	19UMAT097	PRIYANKA P D										
95	19UMAT100	RASIKA G										
96	19UMAT102	SANJAYKANTH S					A	A				
97	19UMAT112	SRI VARSHINI M										
98	19UMAT115	SUGAVARSHINI										
99	19UMAT116	SUREKA S					A	A				
100	19UMAT119	VISHAALI K					A	A				
Faculty Signature			<i>mm</i>	<i>mm</i>	<i>mm</i>	<i>TR</i>	<i>TR</i>	<i>SN</i>	<i>MM</i>	<i>SN</i>	<i>MM</i>	<i>GK</i>
			MM	MM	MM	TR	TR	SN	MM	SN	MM	GK

SN - Mr. S. Natarajan
 TR - Mrs. T. Radha
 NS - Dr. N. Sangeetha
 GK - Mr. G. Karthikeyan
 MM - Ms. M. Muthu Abirami

n. n. a. t.
 COURSE COORDINATOR

add. a. j.
 HOD/ BIOCHEMISTRY
 HEAD OF THE DEPARTMENT
 DEPARTMENT OF BIOCHEMISTRY
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 (AUTONOMOUS)
 ERODE - 638 107.

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 PRINCIPAL,
 KONGU ARTS AND SCIENCE COLLEGE
 (AUTONOMOUS)
 NANJANAPURAM, ERODE - 638 107.



h.
 Dr. N. RAMAN
 PRINCIPAL,
 KONGU ARTS AND SCIENCE COLLEGE
 (AUTONOMOUS)
 NANJANAPURAM, ERODE - 638 107



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20VBCFS - FOOD SAFETY AND QUALITY CONTROL - QUESTION PAPER

PAPER - I - THEORY: FOOD SAFETY AND QUALITY CONTROL

Duration: 03:00 Hour

Maximum Marks: 100

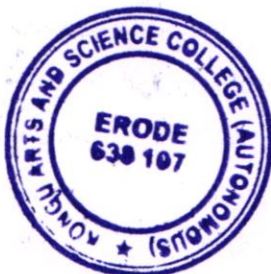
SECTION - A (25 x 1 = 25 Marks)

Answer ALL the Questions

I. Choose the correct answer

(10 x 1 = 10 Marks)

- Name the chemical substances that alter one or more of the basic tastes of food.
(a) Taste Modifiers (b) Texture Modifiers (c) Smell Modifiers (d) Colour Modifiers
- Tick the expansion for TPA
(a) Texture Product Analysis of food (b) Texture Profile Analysis of food
(c) Texture Physical Analysis of food (d) Texture Preparation analysis of food
- In what type of sampling, the population is divided into blocks
(a) Random (b) Systematic (c) Cluster (d) Convenience
- Which one of the following is an indirect food additive?
(a) Pesticides (b) Sweetening agent
(c) Flavouring agent (d) Colouring agent
- Coffee is adulterated with
(a) Papaya seeds (b) Saw dust (c) Brick powder (d) Chalk powder
- In the word Mycotoxins, "Myc" refers to
(a) Bacteria (b) Virus (c) Fungi (d) Algae
- Which one of the instrument used to determine the consistency of foods?
(a) Succulometer (b) Penetrometer (c) Tenderometer (d) Capillary meter
- Which of the following is not a non-protein nitrogen compound?
(a) Sucrose (b) Creatinine (c) Urea (d) Uric acid
- Select the certification of food quality assurance.
(a) ISO (b) Agmark (c) HACCP (d) WHO
- How many principles are there in HACCP system?
(a) 7 (b) 6 (c) 10 (d) 5



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PRINCIPAL,
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II. Fill in the blanks

(5 x 1 = 5 Marks)

11. _____ inhibits the sweet taste in food products.
12. The sample size for edible oil is _____
13. _____ is the accidental transfer of contaminants from one substance to another
14. _____ is an instrument used for measuring the density of milk.
15. FSSAI stands for _____

III. Say True or False

(5 x 1 = 5 Marks)

16. Food intolerance is the abnormal response to food by immune system
17. Food Additives preserves the flavour and improves taste of food.
18. Food adulterants are not degrade the quality of food
19. All the vitamins are water soluble in nature
20. Coffee, Tea and Spices have been exempted from food labelling

IV Match the following

(5 x 1 = 5 Marks)

- | | | |
|----------------------|---|--------------------------|
| 21. Food Allergens | - | Starch |
| 22. CCP | - | Refractometer |
| 23. Iodine test | - | Milk & Egg |
| 24. Refractive Index | - | Food Safety and Security |
| 25. FSS | - | Critical Control Point |

SECTION - B (5 x 15=75 Marks)

Answer **ALL** the questions

26. (a) Simplify the factors affecting taste perception.

(OR)

- (b) Summarise the characteristics and importance of food texture.

27. (a) Describe the methods and procedures involved in food sampling

(OR)

- (b) Classify the food additives and give the common types and hazards of food additives.

28. (a) Describe the simple tests for detection of adulteration.

(OR)

- (b) What are the types of food contamination? Explain

29. (a) Discuss the importance of Lactometer and Refractometry in food analysis.

(OR)

- (b) Illustrate the methods available for analysis of carbohydrate content in food.

30. (a) Elaborate the principle and application of HACCP in food industry.

(OR)

- (b) Write any 15 terminologies of food standard laws.



Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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20VBCFS – FOOD SAFETY AND QUALITY CONTROL – QUESTION PAPER

PAPER – II - PRACTICALS: FOOD SAFETY AND QUALITY CONTROL

Duration: 03:00 Hour

Maximum Marks: 100

SECTION – A

Answer ALL the Questions

1. Identify the colour obtained as indication of presence of adulterant in Ghee/Butter.



- (a) Blue (b) Pink (c) Red (d) Yellow

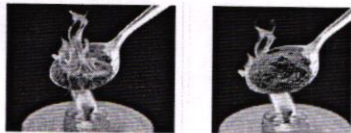
2. What is the name of this instrument?



3. Which reagent gives yellow colour to indicate the presence of urea in milk?

- (a) Benedict's reagent (b) Fehling's solution
(c) Dimethyl aminobenzaldehyde (d) Ninhydrin

4. Select the adulterated asafoetida from the given images



5. Hardness of water is due to presence of

- (a) Calcium and magnesium (b) Zinc (c) Calcium and iron (d) Calcium and chloride

6. Find out the Ph value of

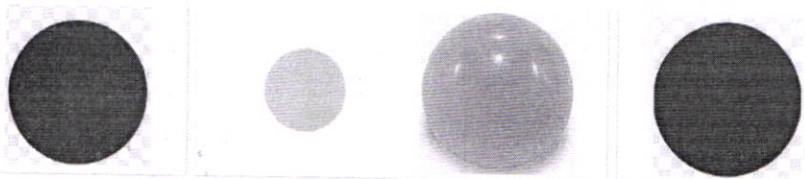


- (a) 12 (b) 3 (c) 2 (d) 14

7. Most fruits are mildly

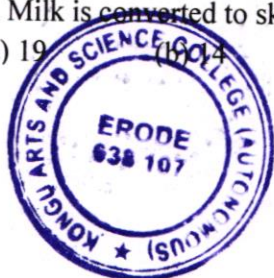
- (a) Acidic (b) Basic (c) Neutral

8. Quantitative assay of Glucose by benedicts test forms _____ colour



9. Milk is converted to skin protein in _____ number of days

- (a) 19 (b) 14 (c) 16 (d) 12



Dr.
Dr. N. RAMAN
PRINCIPAL,
KONGU ARTS AND SCIENCE COLLEGE
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NANJANAPURAM, ERODE - 638 107

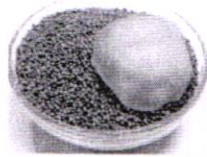
10. This reagent is used to identify the presence of

- (a) Aminoacids
- (b) Carbohydrates
- (c) Nucleic acids
- (d) Fats



11. This colour change is due the presence of _____ in ragi

- (a) Glucose
- (b) Urea
- (c) Rhodamine B
- (d) None of the above



12. Glucose is added in milk to increase the

- (a) Lactometer Reading
- (b) Density
- (c) Aroma
- (d) SNF value

13. The presence of pink colour in the picture shows the presence of..... in milk.

- (a) Urea
- (b) Protein
- (c) Glucose
- (d) Amino acids



14. Which among the following is clear water?

- (a) High level
- (b) Moderate level
- (c) Ideal level
- (d) Low level

15. Find out the Ph value of



- (a) 12.5
- (b) 10-10.5
- (c) 2.5-3
- (d) 4.5-5.5

16. pH of water should be

- (a) 2
- (b) 10
- (c) 14
- (d) 7

17. pH value that divides high acid from low acid

- (a) 4.9
- (b) 4.4
- (c) 4.6
- (d) 4.0

18. The presence of Dautura seeds in dhal can be identified by

- (a) Heating
- (b) Colour change
- (c) Visual Examination
- (d) By rubbing it with fingers

19. Identify the possible adulterant of the following food samples

	Maize cob	Iron filings	Mashed potato	Lead chromate
Ghee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turmeric	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Saffron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tea Leaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. Discuss the procedure to identify the adulterant in i) Milk ii) Coconut oil iii) Turmeric iv) Saffron



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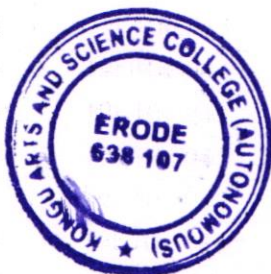
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DEPARTMENT OF BIOCHEMISTRY

20VBCFS - FOOD SAFETY AND QUALITY CONTROL - MARK STATEMENT

S. No	Register Number	Paper I	Paper II	Average %	Result	Grade
1	19UBIC001	70	78	74	Pass	A
2	19UBIC003	54	70	62	Pass	B+
3	19UBIC009	55	68	62	Pass	B+
4	19UBIC011	59	70	65	Pass	B+
5	19UBIC012	57	75	66	Pass	B+
6	19UBIC014	65	78	72	Pass	A
7	19UBIC015	58	60	59	Pass	B
8	19UBIC016	64	76	70	Pass	A
9	19UBIC018	70	74	72	Pass	A
10	19UBIC019	66	92	79	Pass	A
11	19UBIC021	60	64	62	Pass	B+
12	19UBIC022	64	72	68	Pass	B+
13	19UBIC023	56	84	70	Pass	A
14	19UBIC024	43	68	56	Pass	B
15	19UBIC027	56	56	56	Pass	B
16	19UBIC028	52	66	59	Pass	B
17	19UBIC029	58	62	60	Pass	B+
18	19UBIC030	55	76	66	Pass	B+
19	19UBIC032	60	80	70	Pass	A
20	19UBIC035	58	74	66	Pass	B+
21	19UBIC036	63	67	65	Pass	B+
22	19UBIC039	59	62	61	Pass	B+
23	19UBIC040	61	76	69	Pass	B+
24	19UBIC041	59	68	64	Pass	B+
25	19UBIC042	65	76	71	Pass	A
26	19UBIC043	55	52	54	Pass	B
27	19UBIC045	51	80	66	Pass	B+
28	19UBIC046	58	72	65	Pass	B+
29	19UBIC047	52	71	62	Pass	B+
30	19UBIC048	78	76	77	Pass	A



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20VBCFS - FOOD SAFETY AND QUALITY CONTROL - MARK STATEMENT

S.	Register Number	Paper I	Paper II	Average %	Result	Grade
31	18UCOS150	54	42	48	Pass	C
32	18UBIT001	73	76	75	Pass	A
33	18UBIT011	68	65	67	Pass	B+
34	18UBIT040	60	54	57	Pass	B
35	19UBIT006	44	58	51	Pass	B
36	19UBIT009	67	75	71	Pass	A
37	19UBIT016	70	75	73	Pass	A
38	19UBIT019	59	76	68	Pass	B+
39	19UBIT020	58	70	64	Pass	B+
40	19UBIT022	63	79	71	Pass	A
41	19UBIT023	54	75	65	Pass	B+
42	19UBIT028	56	74	65	Pass	B+
43	19UBIT046	64	73	69	Pass	B+
44	19UBIT047	66	86	76	Pass	A
45	19UBIT048	68	76	72	Pass	A
46	18UCSH001	AB	AB	AB	Fail	No Grade
47	18UCSH002	AB	AB	AB	Fail	No Grade
48	18UCSH033	AB	AB	AB	Fail	No Grade
49	19UCSH002	AB	AB	AB	Fail	No Grade
50	19UCSH004	18	20	19	Fail	No Grade
51	19UCSH006	AB	AB	AB	Fail	No Grade
52	19UCSH007	45	57	51	Pass	B
53	19UCSH019	AB	21	11	Fail	No Grade
54	19UTAM002	51	81	66	Pass	B+
55	19UTAM005	AB	AB	AB	Fail	No Grade
56	19UTAM006	60	69	65	Pass	B+
57	19UTAM013	61	77	69	Pass	B+
58	18UENG028	AB	AB	AB	Fail	No Grade
59	18UENG068	32	AB	16	Fail	No Grade
60	19UCBI016	AB	40	20	Fail	No Grade



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20VBCFS - FOOD SAFETY AND QUALITY CONTROL - MARK STATEMENT

S.	Register Number	Paper I	Paper II	Average %	Result	Grade
61	19UCBI019	63	40	52	Pass	B
62	19UCBI024	59	40	50	Pass	B
63	19UCBI044	65	40	53	Pass	B
64	18UPHY013	65	84	75	Pass	A
65	18UPHY014	63	56	60	Pass	B+
66	18UPHY015	63	87	75	Pass	A
67	18UPHY019	68	76	72	Pass	A
68	18UPHY020	70	82	76	Pass	A
69	18UPHY022	72	92	82	Pass	A+
70	18UPHY025	64	83	74	Pass	A
71	18UPHY030	64	92	78	Pass	A
72	18UPHY038	71	83	77	Pass	A
73	18UPHY039	67	84	76	Pass	A
74	18UPHY041	59	85	72	Pass	A
75	18UPHY042	61	79	70	Pass	A
76	18UPHY045	68	91	80	Pass	A+
77	18UPHY052	62	75	69	Pass	B+
78	18UPHY053	59	67	63	Pass	B+
79	19UMAT001	74	79	77	Pass	A
80	19UMAT006	68	80	74	Pass	A
81	19UMAT007	AB	AB	AB	Fail	No Grade
82	19UMAT037	69	79	74	Pass	A
83	19UMAT046	72	80	76	Pass	A
84	19UMAT055	72	79	76	Pass	A
85	19UMAT058	73	81	77	Pass	A
86	19UMAT066	71	79	75	Pass	A
87	19UMAT069	55	80	68	Pass	B+
88	19UMAT073	AB	AB	AB	Fail	No Grade
89	19UMAT075	57	80	69	Pass	B+
90	19UMAT076	60	80	70	Pass	A



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S.	Register Number	Paper I	Paper II	Average %	Result	Grade
91	19UMAT080	64	83	74	Pass	A
92	19UMAT087	61	75	68	Pass	B+
93	19UMAT092	70	74	72	Pass	A
94	19UMAT097	77	76	77	Pass	A
95	19UMAT100	72	79	76	Pass	A
96	19UMAT102	33	AB	17	Fail	No Grade
97	19UMAT112	61	76	69	Pass	B+
98	19UMAT115	57	93	75	Pass	A
99	19UMAT116	54	49	52	Pass	B
100	19UMAT119	67	87	77	Pass	A

90 - 100	A++ - Outstanding	60 - 69	B+ - Good
80 - 89	A+ - Excellent	50 - 59	B - Average
70 - 79	A - Very Good	40 - 49	C - Satisfactory

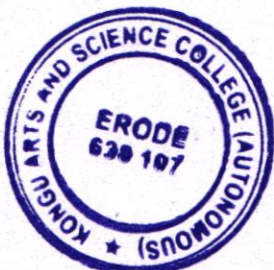
SUBJECT DETAILS

Course Name	Max. Marks
Paper I - Theory: Food Safety and Quality Control	100
Paper II - Practicals: Food Safety and Quality Control	100

n. n. a. t.
COURSE COORDINATOR

[Signature]
HOD/BIOCHEMISTRY
HEAD OF THE DEPARTMENT
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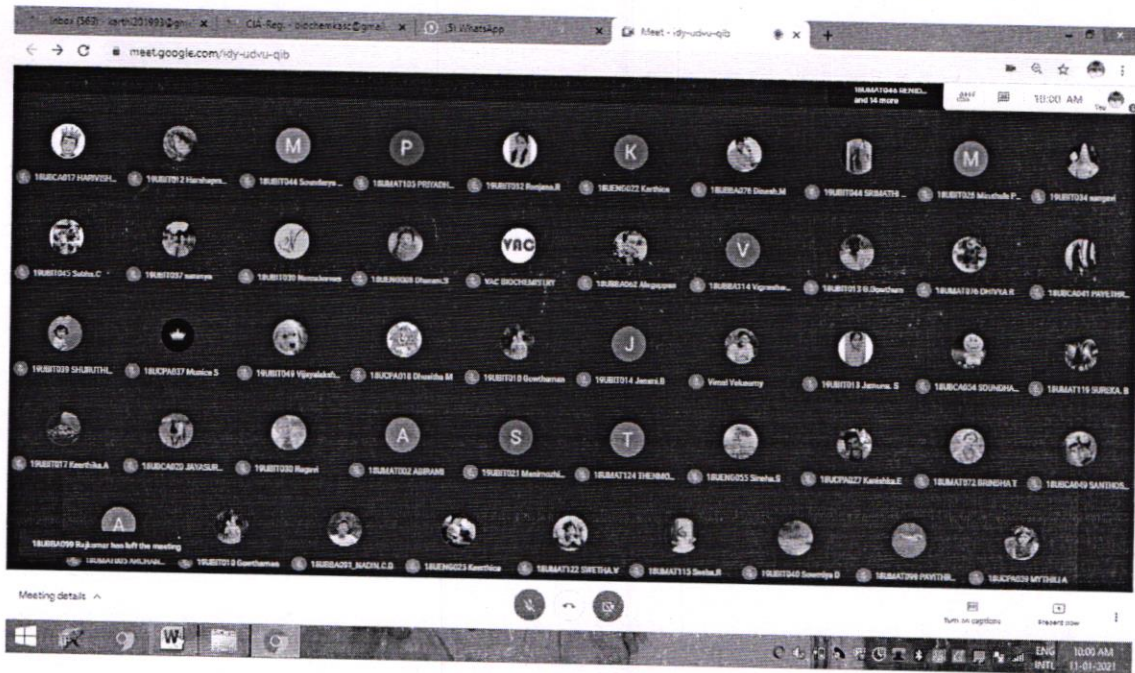
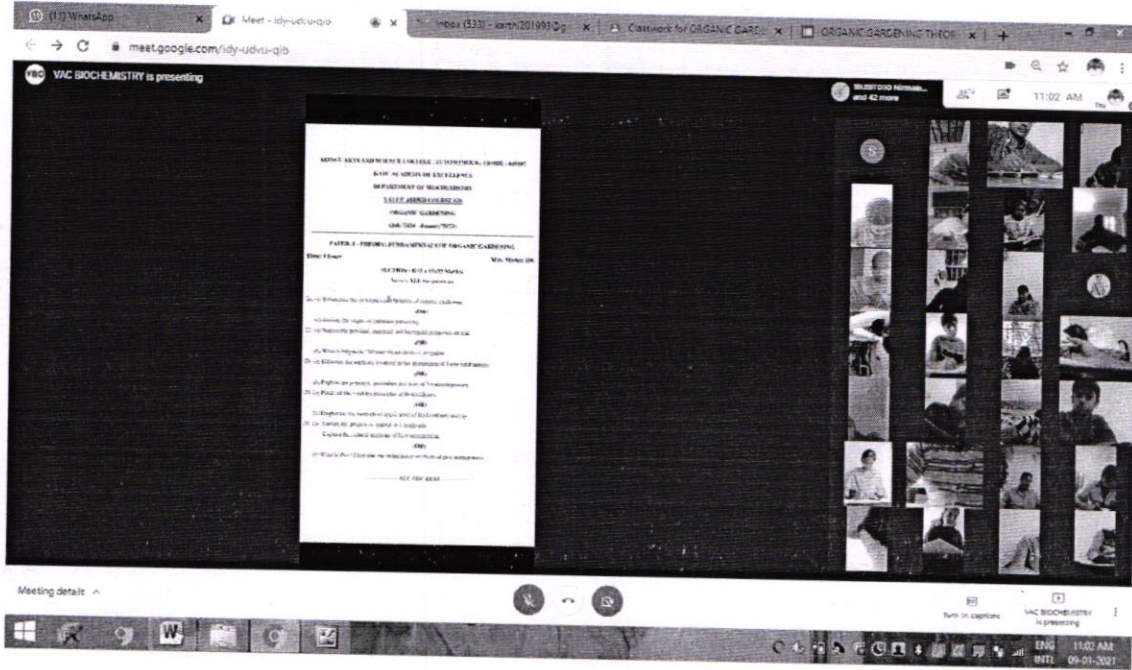
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20VBCFS – FOOD SAFETY AND QUALITY CONTROL – PHOTOGRAPH



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KASC ACADEMY OF EXCELLENCE- ONLINE VALUE ADDED COURSE FEEDBACK FORM (2020-2021)

Dear Student, Kindly take a moment to fill the short questionnaire and complete this evaluation. We appreciate your time.

konguvac@gmail.com Switch account



* Required

Email *

Your email

REG No (CAPITAL LETTER) *

Your answer

NAME (In CAPITAL LETTER- Initial at the end) *

Your answer

GENDER *

Female

Male



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DEPARTMENT *

Choose

SECTION *

 A B C Nil

WHATSAPP No *

Your answer

YEAR
YEAR ; 18UCBI001 - 3rd YEAR)


For eg: (19UCBI001 - 2nd *

 2nd Year (2019 - 2022 Batch) 3rd Year (2018 - 2021 Batch)

VALUE ADDED COURSE - (Conducted by the Department) *

Choose




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1. The Course content was in line with my expectations *

Yes

No

2. General content of the Course *

Excellent

Good

Average

3. The Course provided additional knowledge and skill *

Yes

No

4. Well-designed Practical sessions *

Yes

No

5. Schedule of the classes and other relevant details have been informed promptly *

Yes

No



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6. Course materials provided were useful *

Yes

No

7. Provides scope for self-employment and fulfills the Industrial needs *

Yes

No

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DEPARTMENT OF BIOCHEMISTRY

20VBCFS - FOOD SAFETY AND QUALITY CONTROL - STUDENTS FEEDBACK

(2020-2021)

NAME	DEPARTMENT	YEAR	ADDED COURSE - (Conducted by the Depar	1. The course contents of the Value Added Course met with your expectations	2. The course exposed you to new knowledge and practices	3. The online class materials were useful and informative	4. The teaching aids were effectively used in the online course	5. The technology used was appropriate for this online class	6. I was technically prepared for this class	7. I was academically prepared for this class	8. The instructors encouraged interaction and were helpful	9. The class increased my knowledge and interest in the subject matter	10. I rate the usefulness of the online mode of Value Added Classes during this lockdown.	Please give suggestions if any for the improvement of the course.
VJAYA KUMAR P	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Strongly Agree	Agree	Strongly Agree	Agree	Strongly Agree	Agree	Strongly Agree	High	No comments
DHARSHAN R	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Nil
PREM A S	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Informative classes
VJAYASHREE K	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	is clear
SHOBKA S	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Nothing
KAUPPIYA S	B.Sc PHYSICS	3rd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
GRITHAR S	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Moderate	No...
SOSKAK	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
A KALAVANI	B.Sc BIOTECHNOLOGY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
KEERTHANA K	B.Sc Mathematics	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
NAVEEN KUMAR S	B.Sc PHYSICS	3rd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	clear
K SANJAY	B.Com BANKING & INSURANCE	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
JRYANTH S	B.Sc Mathematics	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
PRASAD T	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Sugar
GNANASAMPANATHAN P	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	Nothing
UTHARAKSHI A	B.Sc BIOTECHNOLOGY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	No
SOMNIA R	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Good
LINGSMARAN	B.Sc BIOTECHNOLOGY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	Nil
SATHEESH S	B.Sc BIOCHEMISTRY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	Nothing
MOHANA PRIYAK	B.Sc PHYSICS	3rd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Moderate	Nothing
SUMETHA B	B.Sc BIOTECHNOLOGY	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	This course
ABISHA R	B.Sc Mathematics	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	High	Nil
RASKA G	B.Sc Mathematics	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	No
PRYANKA P D	B.Sc Mathematics	2nd Year (2019 - 2020)	Food Safety and Quality Control - (Biochemistry)	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	High	Nil




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Certificate

This Certificate is awarded to



RUBIKA K S

II B.Sc BIOCHEMISTRY

for the successful completion of the Certificate Course in
FOOD SAFETY AND QUALITY CONTROL
with A Grade conducted by the
Department of Biochemistry
during the Academic Year 2020 - 2021



n.n.a.t.
Course Coordinator

ddA.dg
Convenor
Academy of Excellence

[Signature]
Principal

[Signature]
Correspondent

90 - 100 : A++ - Outstanding
80 - 89 : A+ - Excellent

70 - 79 : A - Very Good
60 - 69 : B+ - Good

50 - 59 : B - Average
40 - 49 : C - Satisfactory



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