

BASELIUS COLLEGE KOTTAYAM

CERTIFICATE COURSE IN FOOD SAFETY & QUALITY CONTROL

SUPPORTING DOCUMENTS

1. BROCHURE
2. SYLLABUS
3. STUDENTS LIST
4. CERTIFICATES



BASELIUS COLLEGE, KOTTAYAM
Affiliated to Mahatma Gandhi University
NAAC RE-ACCREDITED @A GRADE WITH CGPA 3.11
**DEPARTMENT OF CHEMISTRY &
CENTRE FOR RESEARCH**



Food Safety & Quality Control

**Certificate course in Food safety & Quality Control
IN COLLABORATION WITH AGMARK**

HIGHLIGHTS OF THE COURSE

Basic knowledge on food chemistry
Preservation of food
Food safety and hygiene
Hands on training at AGMARK

SCOPE AND RELEVANCE

An opportunity to become a food analyst
To learn quality control of food products

Classes commences on 13/1/2020

Interested candidates
with Science background
can apply

Admission started

Duration:35Hrs

Course fee : 1000/-

No. of seats : 35

Last date of registration

17/1/2020

For more details please contact
Dr. Mity Thambi (Course coordinator)

Phone : 9446234059 Email Id : chemistry@baselius.ac.in



BASELIUS COLLEGE, KOTTAYAM

DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH

Certificate Course in

Food Safety and Quality Control

Aim: Skill development: Exposure to specification used in Food Industries and learn quality control of food products.

OBJECTIVES: To impart basic knowledge of the chemistry of foods - composition of food, role of each component and their interaction, Preservation of foods, Pesticides in foods, Packaging Materials, Food Packaging system, different methods of fruits and vegetable processing, Food safety and hygiene, Types of hazards associated with food, Food regulations, Design and implementation of food safety management systems such as ISO series, HACCP, AGMARK and AOAC.

Syllabus

Total hours: 45 (Theory – 35; Practical: 10)

UNIT 1: FOOD ADDITIVES AND ADULTERATION:

5 hours

Food additives, antioxidants, sequestrants, , Food colours - permitted and non-permitted, emulsifiers, stabilizers and thickening agents, sweeteners, leavening agents, humectants and anti-caking agents, and flavoring substance

Food adulteration: Types of adulterants- intentional and incidental adulterants, methods of detection. Health hazards and risks.

UNIT II : FOOD QUALITY AND EVALUATION

8 hrs

Evaluation of foods - physical (taste, volume, texture, viscosity) and chemical methods (pH, acidity, alkalinity, sugar concentration). Food spoilage- spoilage of fruits and vegetables, grains, milk and milk products, meat, poultry and sea foods, sources of microbial contamination of foods.

Preservation of foods: physical methods: cold and heat treatment, ultra sound and microwave. chemical methods: organic acids, sodium chloride, sulfites, nitrites, antimicrobial compounds: lactoperoxidase system, lactoferrin, avidin, spices and their essential oils.

UNIT III : PESTICIDES IN FOODS

6 hrs

Various pesticides used in agriculture and post-harvest storage, uses of pesticides for food grain application. Pesticide residues in grains, fruits and vegetables, meat, milk and milk products Fumigation

techniques, various fumigants such as phosphene, ethylene dichloride, methylene chloride, etc.
Estimation of pesticides and fumigants by GLC, TLC and Spectrophotometric methods.

UNIT IV: FOOD PACKAGING

8 hrs

Definitions, objectives and functions of packaging and packaging materials. Packaging requirements and selection of packaging materials; Types of packaging materials. Different packaging system for (a) dehydrated foods (b) frozen foods (c) dairy products (d) fresh fruits and vegetables (e) meat, poultry and sea foods.

UNIT V : FOOD QUALITY ASSURANCE

8 hrs

Importance and functions of quality control. Methods of quality assessment of food materials-fruits, vegetables, cereals, dairy products, meat, poultry, egg and processed food products. Food laws and standards.

Food Safety and Standards Act 2006. HACCP, ISO system – 9001, 14001, 17025 and 22000. AGMARK Certification, AOAC standards.

PRACTICALS

10 hrs

- 1) Determination of moisture by air oven method
- 2) Determination of aqueous acidity and alcoholic acidity of foods and measure of pH
- 3) Estimation of fat by Soxhlet extraction method (Demonstration)
- 4) Refractive index of fats and oils.
- 5) Saponification value and unsaponifiable matter of fats and oils.
- 6) Detection of adulteration in food (AGMARK)
- 7) Estimation of available lysine in foods (Demonstration)
- 8) Determination of total ash
- 9) Determination of total and acid insoluble ash
- 10) Determination of reducing and total sugar (volumetric method).
- 11) Determination of vitamin C (volumetric)
- 12) Determination of benzoic acid in foods (volumetric)
- 13) Determination of SO₂ (total) in foods (colorimetric)
- 14) Determination of nitrate and nitrite in foods (volumetric)
- 15) Determination of anthocyanin content in foods

References:

1. B. Sreelakshmi, *Food Science*, New Age International, New Delhi, 2015.
2. Gazette of Food Safety and Standards Act, (2006) Food Safety regulations and food safety

- management. Food Safety and Standards Authority of India. New Delhi
3. The training manual for Food Safety Regulators. (2011) Vol.III, Food Safety regulations and food safety management. Food Safety and Standards Authority of India. New Delhi.
 4. Mortimore, S., and Wallace, C., (2005) HACCP: A practical approach, 2nd Ed, Aspen Publication 4. Surak, J.G., and Wilson, S. (2007) American Society for Quality, 2nd Ed., Quality Press
 5. Branen, A.L., Davidson, P.M. & Salminen, S. (2007) Food Additives, 2nd Ed., Marcel Dekker.
 6. George, A.B. (2006) Encyclopedia of Food and Color Additives, Vol. III, CRC Press, LLC. Boca Raton, FL
 7. George, A.B. (2008) Fenaroli's Handbook of Flavor Ingredients, 5th Ed, CRC Press, LLC. Boca Raton, FL 4. Madhavi, D.L., Deshpande, S.S., & Salunkhe, D.K. (2006) Food Antioxidants: Technological, Toxicological and Health Perspective, Marcel Dekker
 8. Morton, I.D., & MacLeod, A.J. (2008) Food Flavors, Part A, B & C. Elsevier.
 9. Nakai, S., & Modler, H.W. (2007) Food Proteins. Processing Applications. Wiley VCH.
 10. Kirk, R.S and Sawyer, R. (2005) Pearson's Composition and Analysis of Foods, Longman Scientific and Technical. 9th Edition, England.
 11. FAO (2006) Manuals of Food Quality Control. 2-Additives Contaminants Techniques, Rome.
 12. Pomeroy, Y. and MeLoari, C.E. (2008) Food Analysis: Theory and Practice, CBS publishers and Distributor, New Delhi

Food Safety and Quality Control Certificate Course 2019-20

List of Students

Sl.No	Name of the student	Class
1	Namitha Suresh	II B.Sc Chemistry
2	Sreya Philip	II B.Sc Chemistry
3	Liya Lalan	II B.Sc Chemistry
4	Gokulnath S.S	M.Sc Chemistry
5	Anna Raju	II B.Sc Chemistry
6	Nanda Krishna	II B.Sc Chemistry
7	Gayathri K.S	III B.Sc Chemistry
8	Jessly Kurian	II B.Sc Chemistry
9	Deepthi Mariam Geevarghese	III B.Sc Chemistry
10	Karthika K.S	III B.Sc Chemistry
11	Riya Rachael Abraham	II B.Sc Chemistry
12	Ruzaina Kabeer	II B.Sc Chemistry
13	Aswini V.V	II B.Sc Chemistry
14	Jomy Jose	III B.Sc Chemistry
15	Jissmon S	III B.Sc Chemistry
16	Anuja Sara Reji	II B.Sc Chemistry
17	Nandu T Sreekumar	M.Sc Chemistry
18	Rubina Shajahan	M.Sc Chemistry
19	Niranjana R. Renjan	II B.Sc Chemistry
20	Devika M.K	II B.Sc Chemistry
21	Lintal Lukose	II B.Sc Chemistry
22	Mahalakshmi R	II B.Sc Chemistry
23	Elizabeth Pious	M.Sc Chemistry
24	Hridya Suresh	II B.Sc Chemistry
25	Ananya Anil	III B.Sc Chemistry
26	Blessy M. Thomas	III B.Sc Chemistry
27	Meera Roy	II B.Sc Chemistry
28	Arya S Sekhar	III B.Sc Chemistry
29	Nazia Nazar	III B.Sc Chemistry
30	Bindu M Nair	III B.Sc Chemistry
31	Sandra Maria Sabu	II B.Sc Chemistry
32	Devika Suresh	III B.Sc Chemistry



BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Namitha Sarathi, II B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.

Shajumy
Dr. Shajju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Rad
Head of the department
Dept of Chemistry

Ammmmm
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



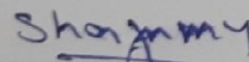
This certificate is awarded to


Mr. /Ms.


Sreya Philip, II B.Sc Chemistry


Baselius College, Kottayam

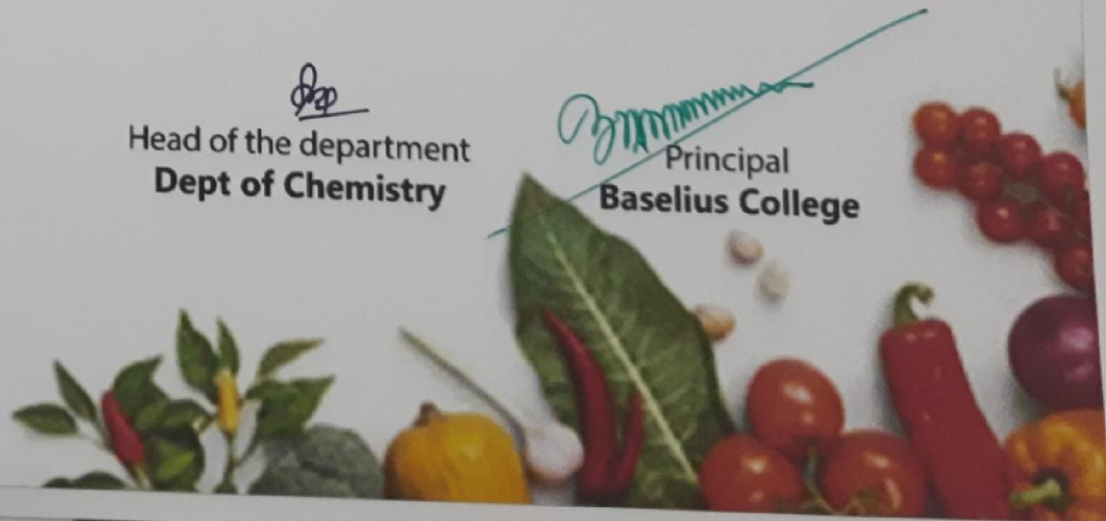
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Liya Lalan, II B.Sc Chemistry

Baselius college, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shaju MJ

Dr. Shaju MJ
IQAC Coordinator

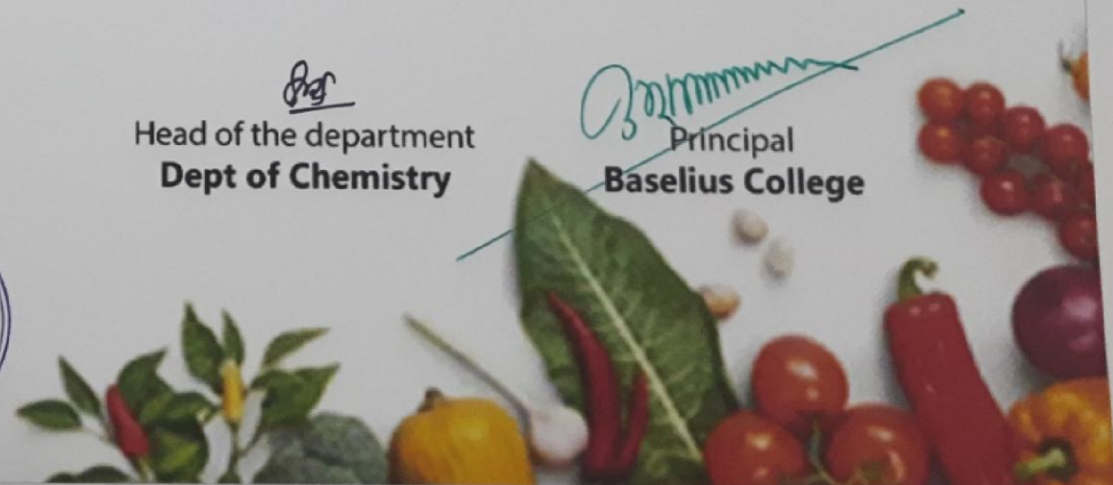
Shaju

Course coordinator
Dept of Chemistry

Shaju

Head of the department
Dept of Chemistry

Shaju
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Gokulrathi S.S., M.Sc Chemistry

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajju MJ
Dr. Shajju MJ
IQAC Coordinator

[Signature]
Course coordinator
Dept of Chemistry

[Signature]
Head of the department
Dept of Chemistry

[Signature]
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



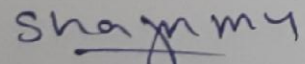
This certificate is awarded to


Mr. /Ms.


Anna Raju, II B.Sc Chemistry


Baselius College, Kottayam

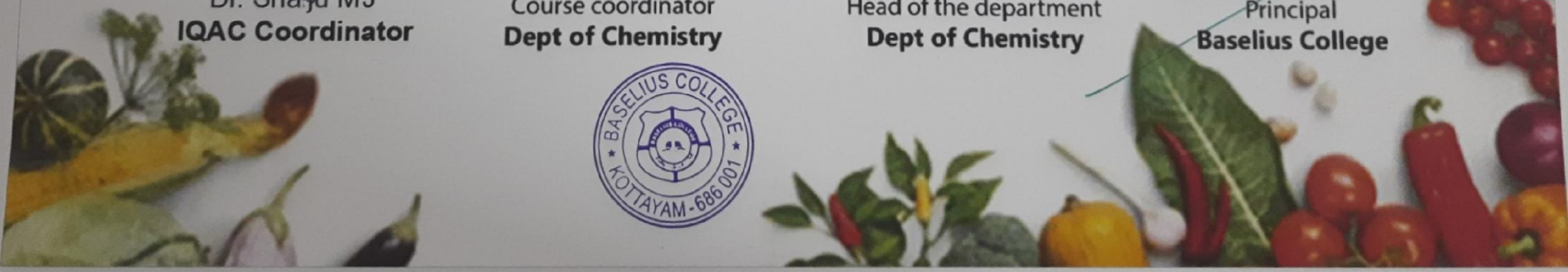
for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH

This certificate is awarded to

Mr. /Ms.

Nanda Krishna, II B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy
Dr. Shaju MJ
IQAC Coordinator

Mit
Course coordinator
Dept of Chemistry

Sh
Head of the department
Dept of Chemistry

Prin
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Gayathri. K.S., III B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.

Shajumy

Dr. Shaju MJ
IQAC Coordinator

[Signature]

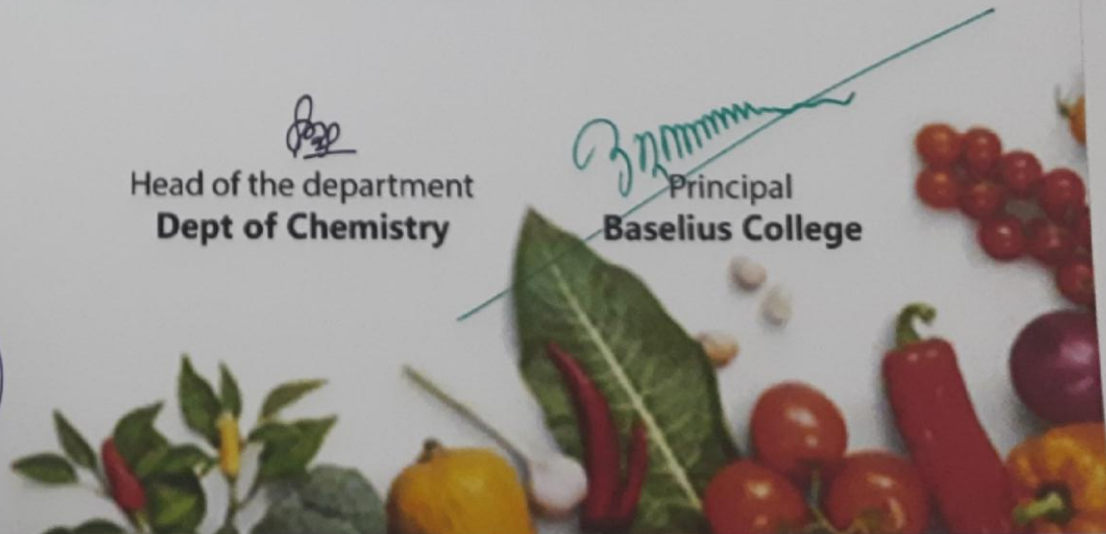
Course coordinator
Dept of Chemistry

[Signature]

Head of the department
Dept of Chemistry

[Signature]

Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Jessly Kunian, II B.Sc Chemistry, Baselius
College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy

Dr. Sha ju MJ
IQAC Coordinator

Mity

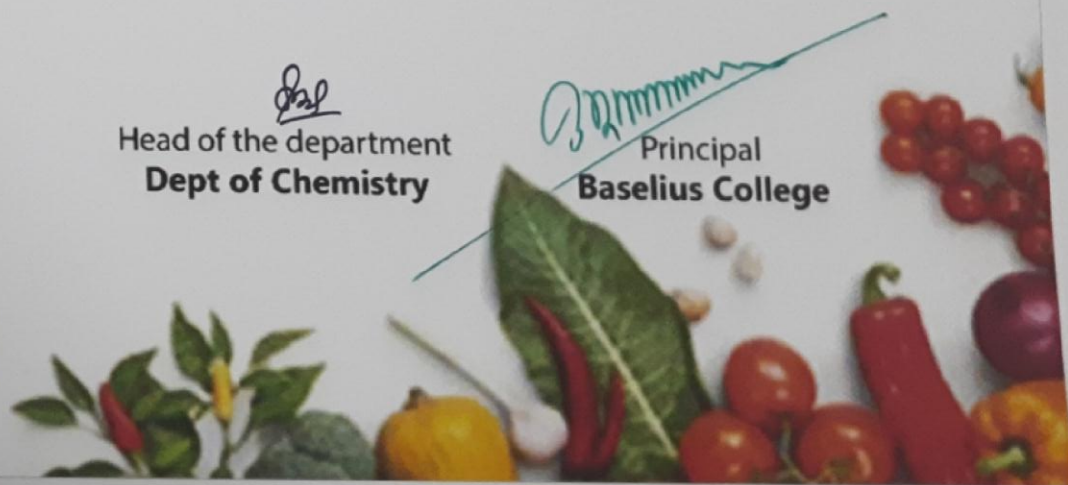
Course coordinator
Dept of Chemistry

Sal

Head of the department
Dept of Chemistry

Shajumy

Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr./Ms.

Deepthi Mariam Gevarghese, III. B.Sc Chemistry
Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.

Shaju MJ
Dr. Shaju MJ
IQAC Coordinator

[Signature]
Course coordinator
Dept of Chemistry

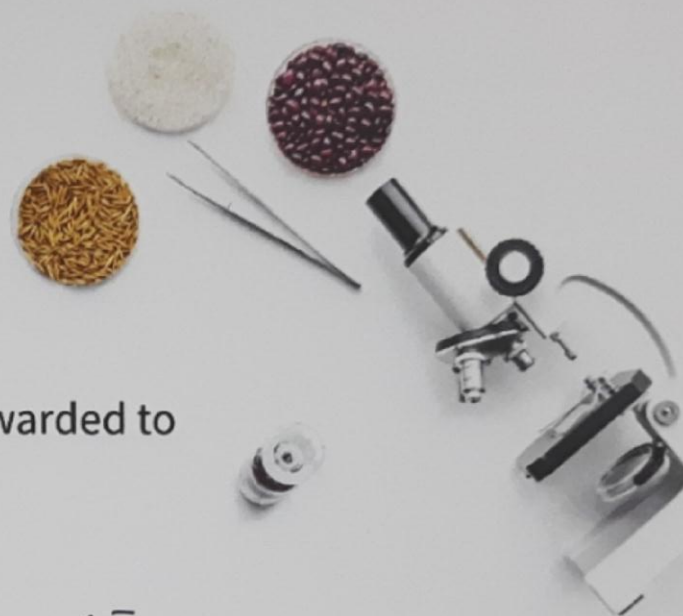
[Signature]
Head of the department
Dept of Chemistry

[Signature]
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Karthika. K.S, III B.Sc Chemistry

Baselius College, Kottayam

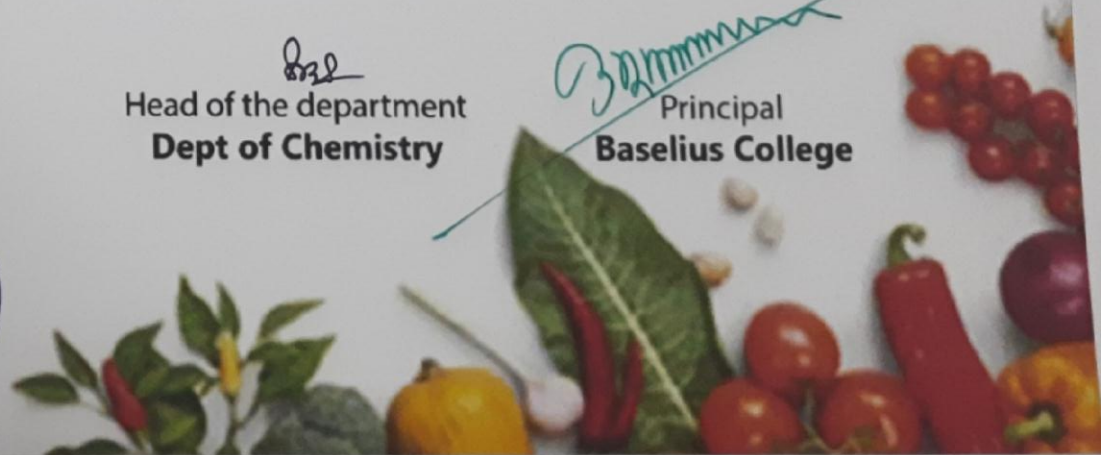
for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.

Shaju MJ
Dr. Shaju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Bze
Head of the department
Dept of Chemistry

Bammanna
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Riya Rachael Abraham, D B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shaju MJ

Dr. Shaju MJ
IQAC Coordinator

Shiju

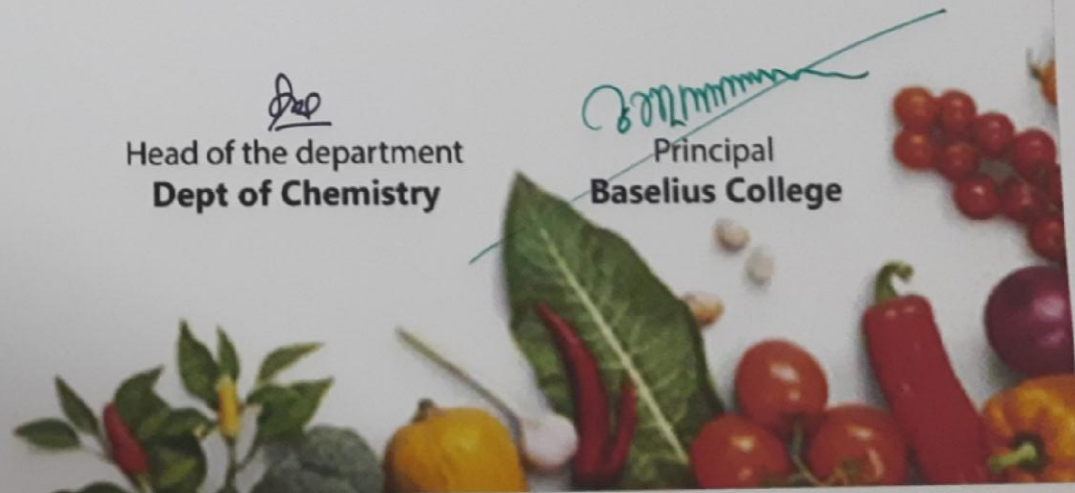
Course coordinator
Dept of Chemistry

Dr

Head of the department
Dept of Chemistry

Benjamin

Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



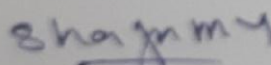
This certificate is awarded to


Mr./Ms.


Rezaina Kaber, II B.Sc Chemistry

Baselius College, Kottayam

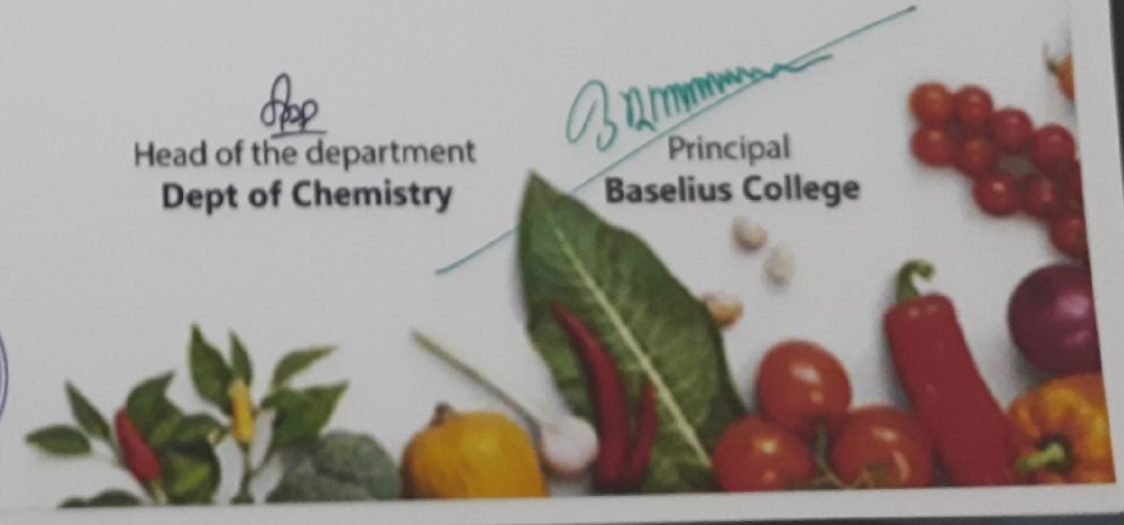
for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr./Ms.

Aswini.V.V, II B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy

Dr. Shaju MJ
IQAC Coordinator

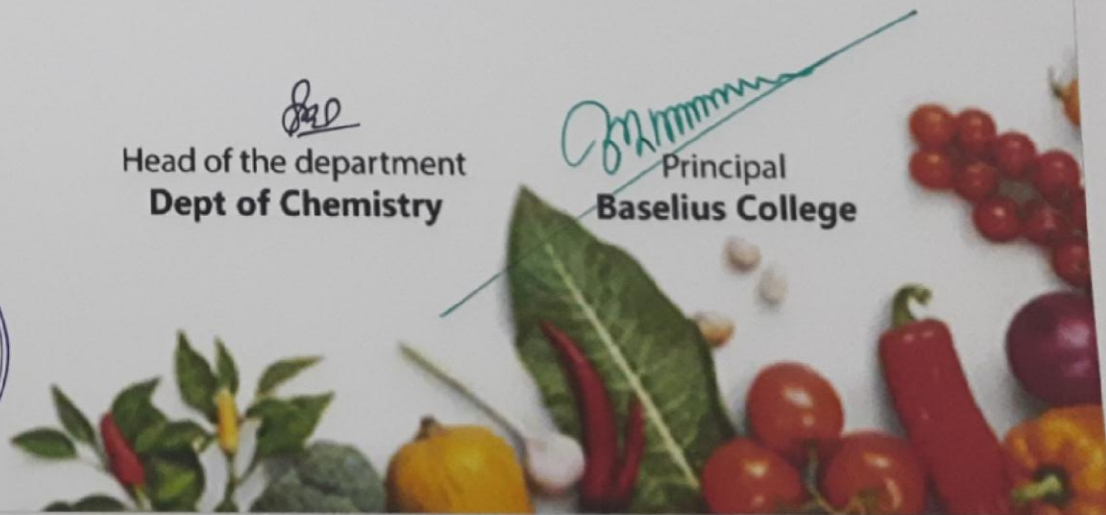
Hity

Course coordinator
Dept of Chemistry

Prd

Head of the department
Dept of Chemistry

Prin
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr./Ms.

Jomy Jose, III B.Sc Chemistry

Basilius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Basilius College** during the academic year 2019-20.

Shajju MJ

Dr. Shajju MJ
IQAC Coordinator

[Signature]

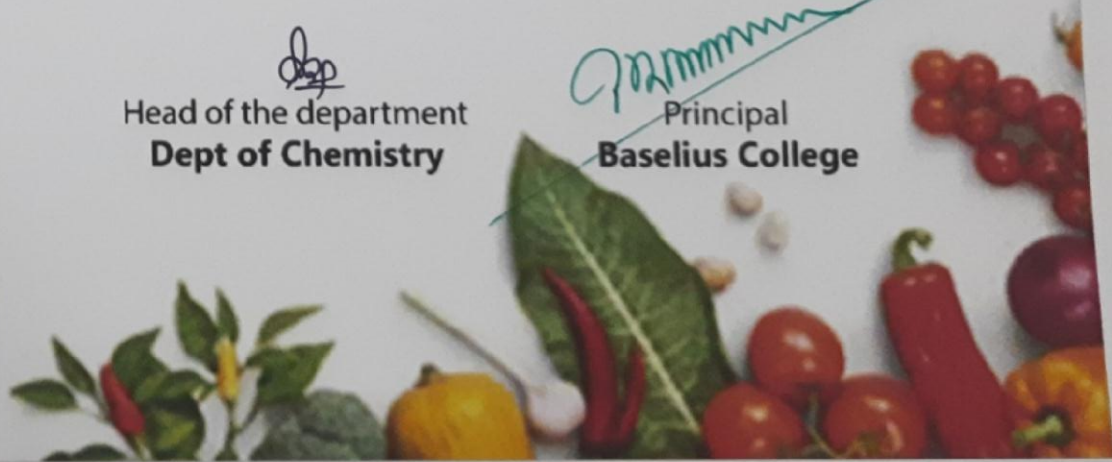
Course coordinator
Dept of Chemistry

[Signature]

Head of the department
Dept of Chemistry

[Signature]

Principal
Basilius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Jissmon. S , II B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajnu MJ
Dr. Shajnu MJ
IQAC Coordinator

Mithy
Course coordinator
Dept of Chemistry

Sal
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Anuja Sara Reji, II B.Sc Chemistry

Baselius College, Kottayam

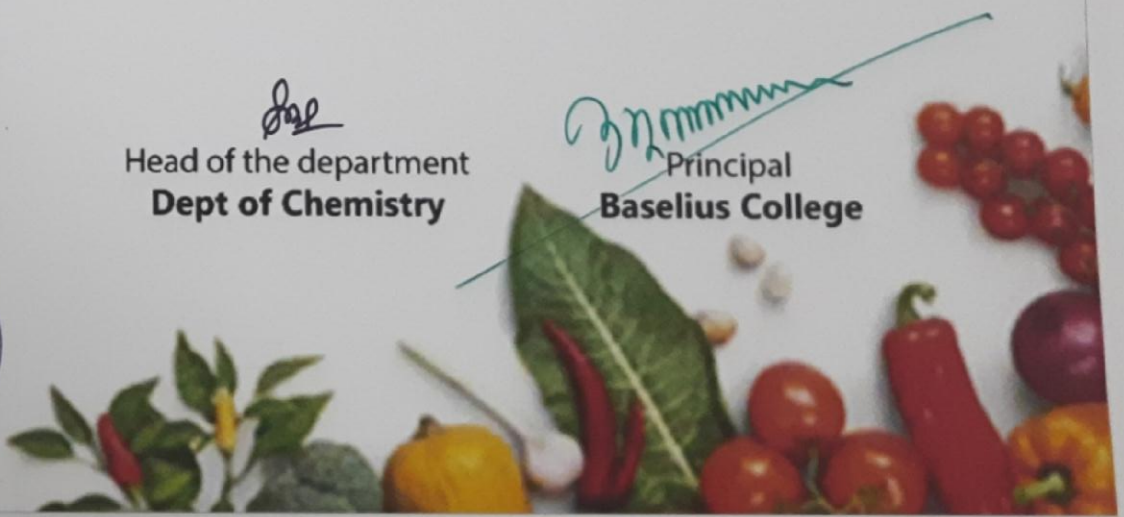
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy
Dr. Sha ju MJ
IQAC Coordinator

Shy
Course coordinator
Dept of Chemistry

Joe
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr./Ms.

Nandu. T. Sreekumar, M.Sc Chemistry



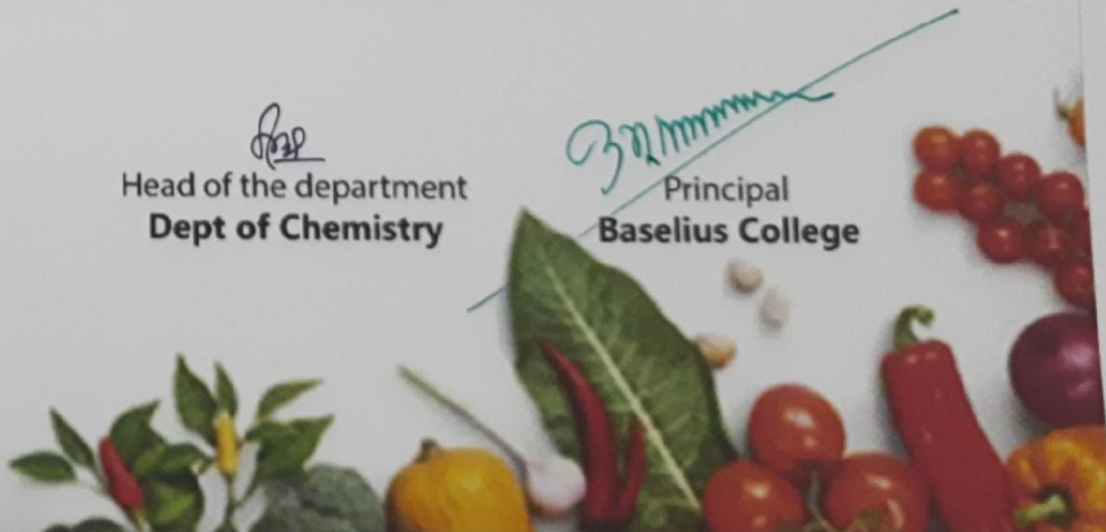
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajmy
Dr. Sha ju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Pr
Head of the department
Dept of Chemistry

Prin
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH

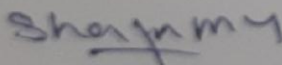


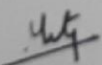
This certificate is awarded to


Mr./Ms.


Rubina Shajahan, M.Sc Chemistry

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr./Ms.

Nixarjana R. Renjan, II B.Sc Chemistry

Basilius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Basilius College during the academic year 2019-20.

Shajumy
Dr. Shaju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Jae
Head of the department
Dept of Chemistry

Boommama
Principal
Basilius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Devika. M.K., II B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.

Shorajm
Dr. Sha ju MJ
IQAC Coordinator

Mit
Course coordinator
Dept of Chemistry

Joe
Head of the department
Dept of Chemistry

Bhramma
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Linta Lukose, II B.Sc Chemistry

Baselius College, Kottayam

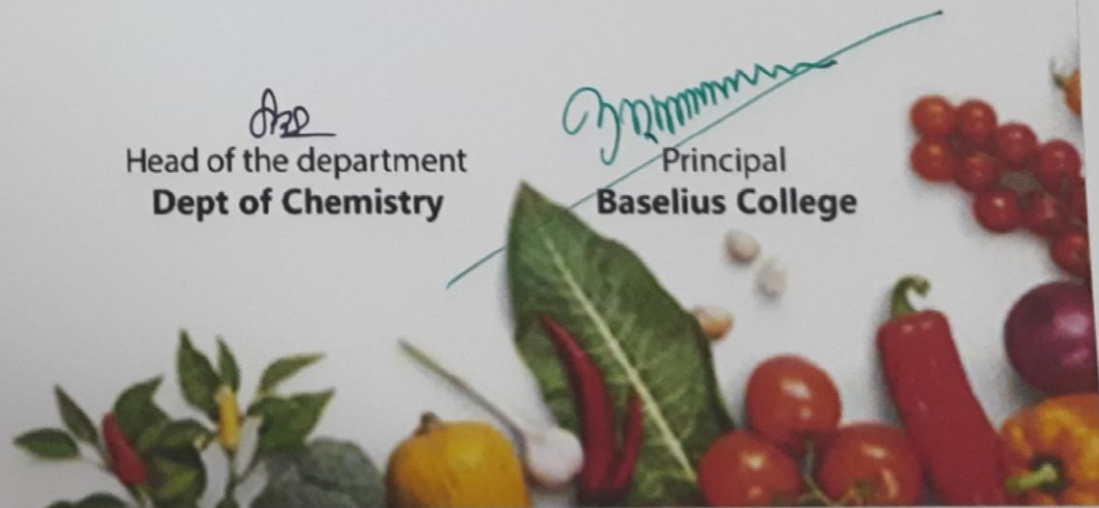
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy
Dr. Shaju MJ
IQAC Coordinator

Hity
Course coordinator
Dept of Chemistry

Arz
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH

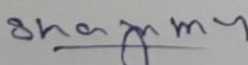



This certificate is awarded to


Mr. /Ms.

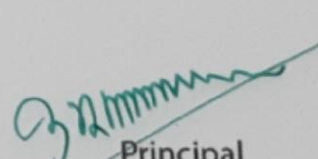
Mahalakshmi R; II B.Sc Chemistry, Baselius College
Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Elizabeth Pious, M.Sc Chemistry

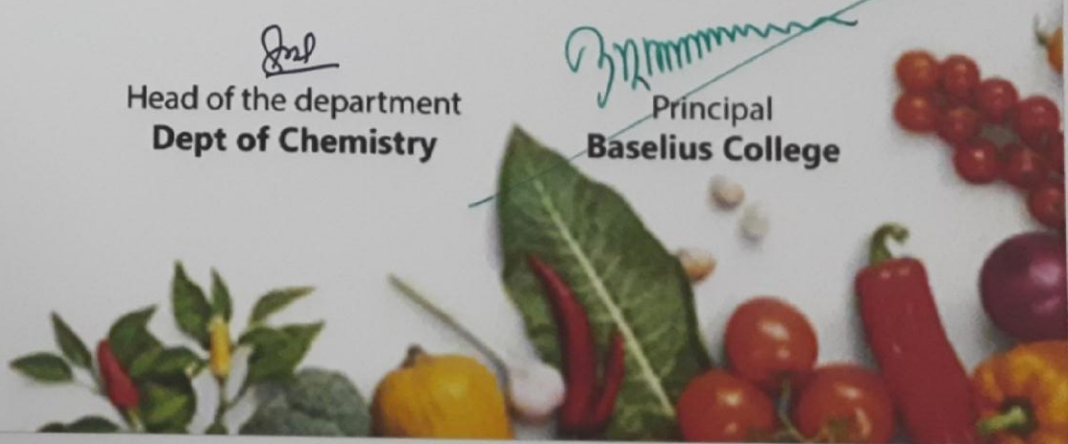
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy
Dr. Shaju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Jal
Head of the department
Dept of Chemistry

Bhramm
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM

(ACCREDITED @ A GRADE WITH CGPA OF 3.11)

DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Hridya Suresh, II B.Sc Chemistry

Baselius College, Kottayam

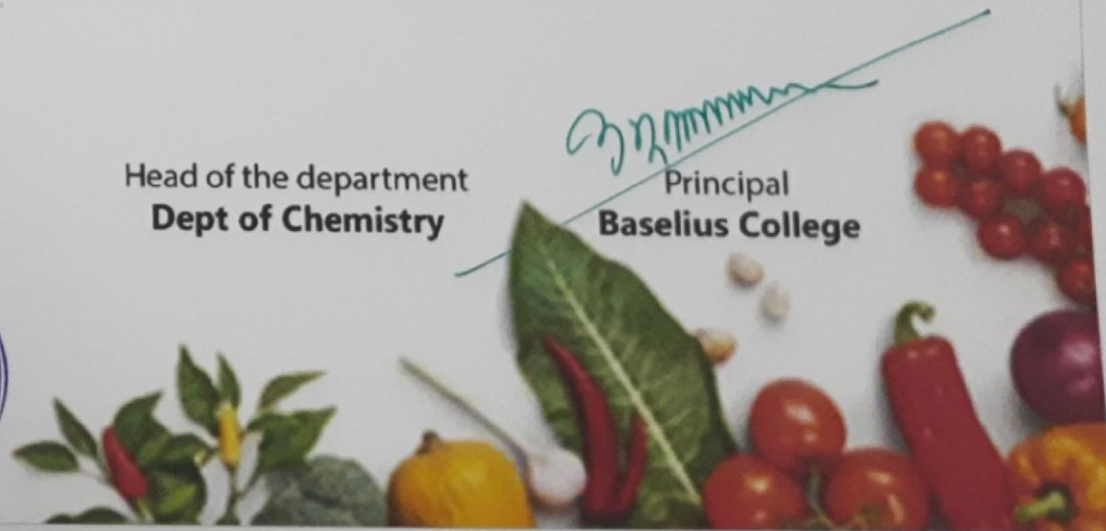
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajumy
Dr. Shaju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Head of the department
Dept of Chemistry

[Signature]
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Ananya Anil, III B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shajju MJ
Dr. Shajju MJ
IQAC Coordinator

Mithy
Course coordinator
Dept of Chemistry

Dr
Head of the department
Dept of Chemistry

Bramm
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Blessy. M. Thomas, B. Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, **Baselius College** during the academic year 2019-20.

Shaju MJ

Dr. Shaju MJ
IQAC Coordinator

Mity

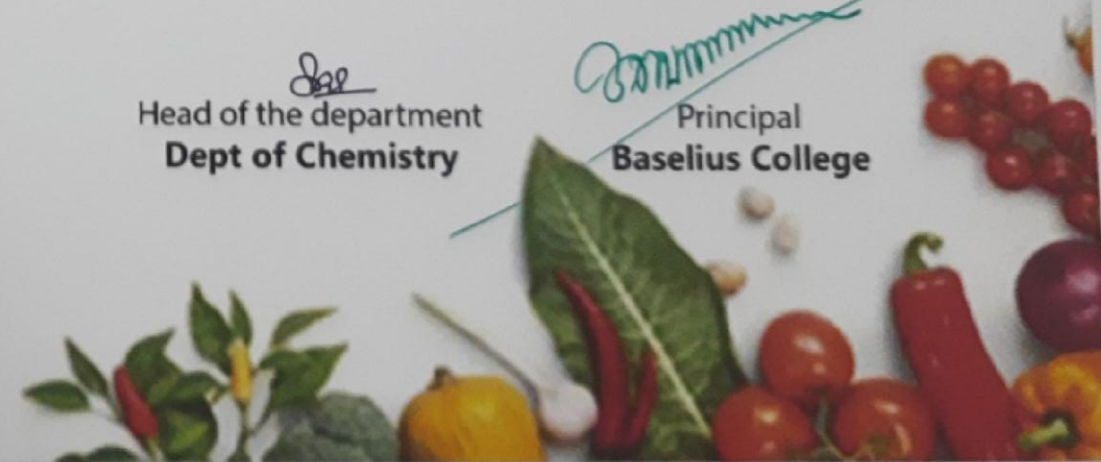
Course coordinator
Dept of Chemistry

Jae

Head of the department
Dept of Chemistry

Principals

Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Meera Roy , II B.Sc Chemistry , Baselius
College , Kottayam

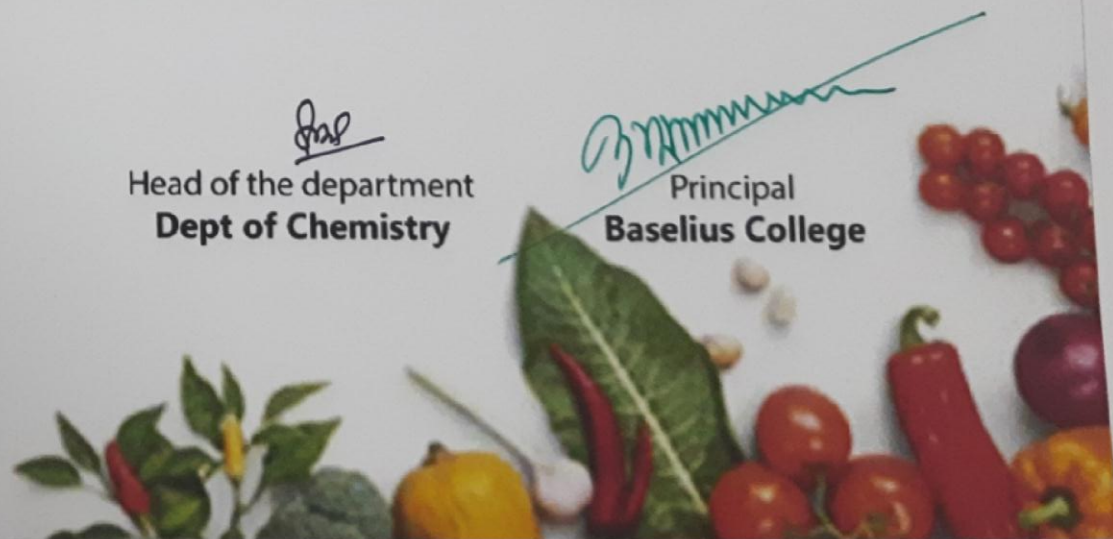
for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Sharju MJ
Dr. Sharju MJ
IQAC Coordinator

Shirley
Course coordinator
Dept of Chemistry

Paul
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Anya. S. Sekhar, III B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with **IQAC, Baselius College** during the academic year 2019-20.

Shaju MJ
Dr. Shaju MJ
IQAC Coordinator

Nity
Course coordinator
Dept of Chemistry

Joe
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



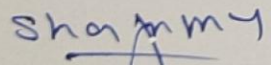
This certificate is awarded to

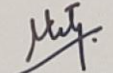
Mr. /Ms.

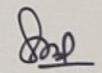
Nazia Nazeer , M. B.Sc Chemistry

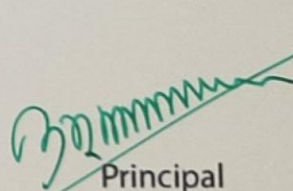
Baselius College, Kottayam

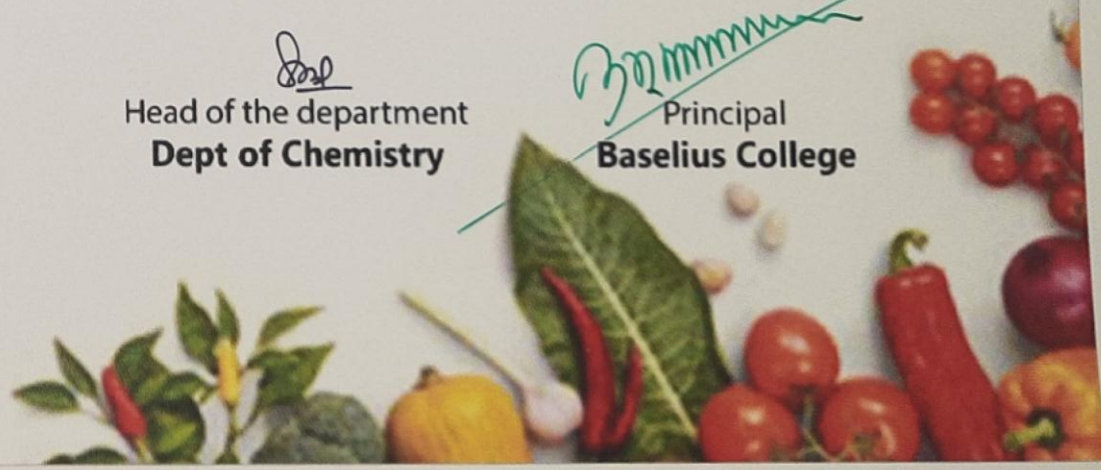
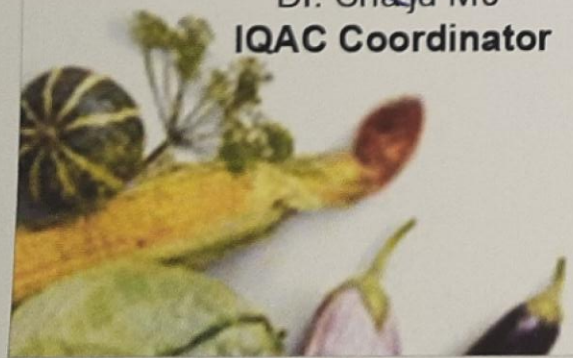
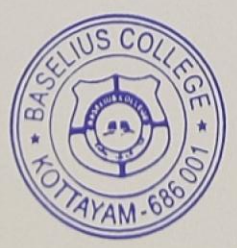
for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.


Dr. Shaju MJ
IQAC Coordinator


Course coordinator
Dept of Chemistry


Head of the department
Dept of Chemistry


Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Brinda. M. Nair, III B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.

Shanmuj

Dr. Shanuj MJ
IQAC Coordinator

Mitja

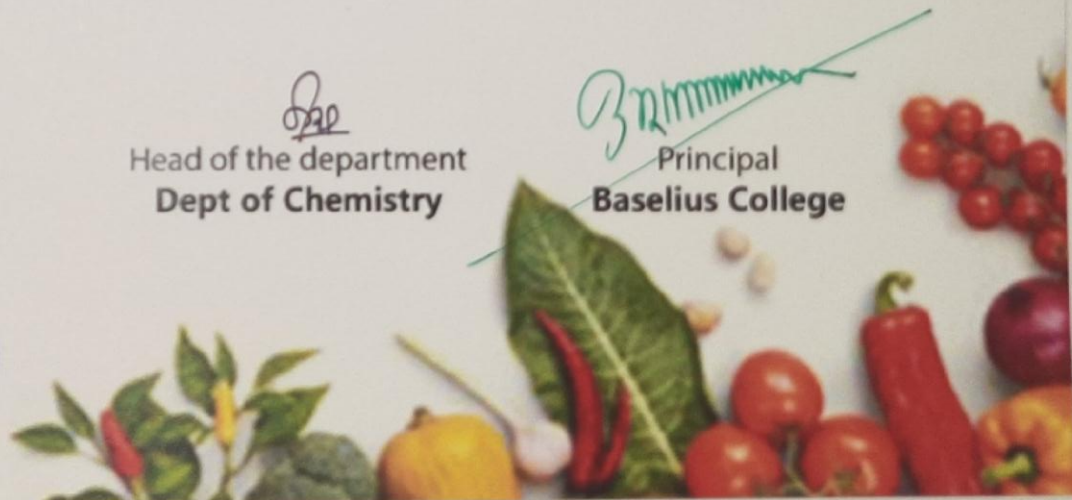
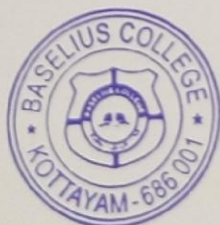
Course coordinator
Dept of Chemistry

Dr. P.

Head of the department
Dept of Chemistry

Prin

Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Sandia Maria Sabu, II B.Sc Zoology

Baselius College, Kottayam

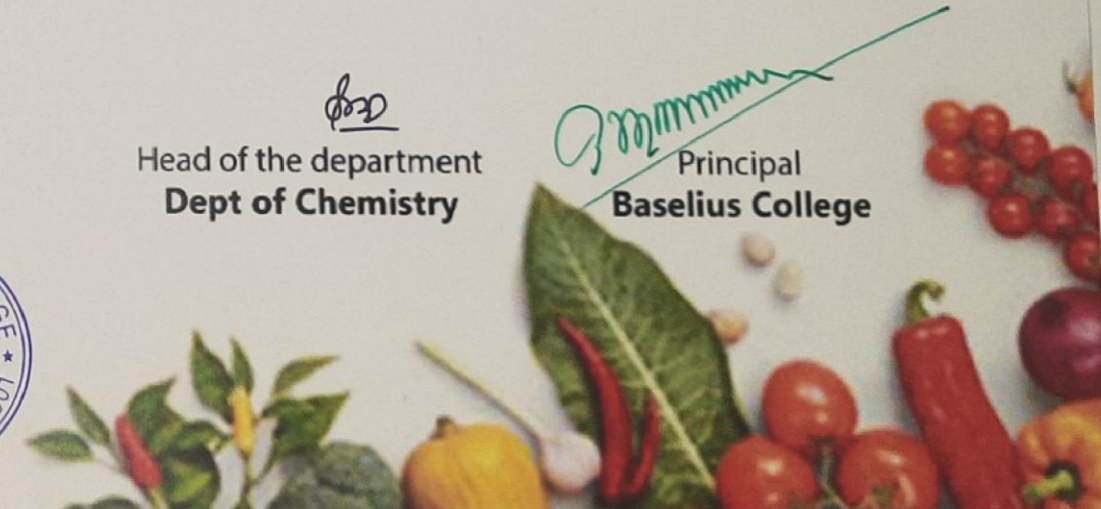
for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.

Shajju MJ
Dr. Shajju MJ
IQAC Coordinator

Mity
Course coordinator
Dept of Chemistry

Shajju
Head of the department
Dept of Chemistry

Principals
Principal
Baselius College





BASELIUS COLLEGE, KOTTAYAM
(ACCREDITED @ A GRADE WITH CGPA OF 3.11)
DEPARTMENT OF CHEMISTRY & CENTRE FOR RESEARCH



This certificate is awarded to

Mr. /Ms.

Devika Suresh, III B.Sc Chemistry

Baselius College, Kottayam

for successfully completing the Certificate course in Food Safety and Quality Control in association with IQAC, Baselius College during the academic year 2019-20.

Shaju MJ
Dr. Shaju MJ
IQAC Coordinator

[Signature]
Course coordinator
Dept of Chemistry

[Signature]
Head of the department
Dept of Chemistry

[Signature]
Principal
Baselius College

