

Date: 09.06.2023

DEPARTMENT OF FOOD TECHNOLOGY
MINUTES OF THE BOARD OF STUDIES MEETING

Name of the Department: **Food Technology**

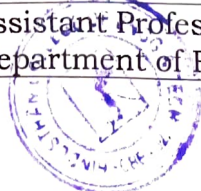
The **Nineth Board of Studies meeting** of regulation 2019 and regulation 2022 (for the students to be admitted from 2023-24 onwards) for the academic year 2023-2024 Odd semester was conducted on **09.06.2023** from **10.30 am -12.30 pm** in the Department of Food Technology, HICET, Coimbatore through **Online Mode** (Google meet: <https://meet.google.com/fjh-opxc-wkg>).

The following members are present and the attendance sheet is attached.

S. No.	Name of the Person	Designation and Department	Position
1	Dr Jeevarathinam G	Associate Professor & Head, Department of Food Technology, HICET.	Chairman
2	Dr Nandhini Devi G	Associate Professor, Centre for Food Technology, ACT Campus, Anna University, Chennai.	University Nominee
3	Dr Shanmugasundaram S	Registrar (i/c), Department of Food Process Engineering, NIFTEM-T (Formerly Indian Institute of Food Processing Technology), Ministry of Food Processing Industries, Government of India Pudukkottai Road, Thanjavur.	Subject Expert
4	Dr Eyarkai Nambi V	Associate Professor, Department of Academics and HRD, NIFTEM-T (Indian Institute of Food Processing Technology),	Subject Expert



		Ministry of Food Processing Industries, Government of India Pudukkottai Road, Thanjavur.	
5	Mrs Vidyalakshmi Y	Head of Quality Assurance, Olam international Pvt., Ltd, Kerala.	Industry Expert
6	Dr Pandiselvam R	Scientist, Physiology, Biochemistry and Post-Harvest Technology Division, ICAR –Central Plantation Crops Research Institute, Kasaragod-671 124, India.	Member from QS rated Institution
7	Dr Visvanathan R	Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
8	Dr Deepa J	Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
9	Dr Navarasam R	Associate Professor, Department of Food Technology, HICET.	Member
10	Ms Nivetha T	Assistant Professor, Department of Food Technology, HICET.	Member
11	Ms Swathi K	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
12	Ms Thahaaseen A	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
13	Ms Thivya S	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
14	Ms Nageswari G	Assistant Professor, Department of Food Technology, HICET.	Member
15	Mr Dillwyn S	Assistant Professor, Department of Food Technology, HICET.	Member
16	Mr Premkumar J	Assistant Professor, Department of Food Technology, HICET.	Member
17	Mr Charan Adithya S	Assistant Professor, Department of Food Technology, HICET.	Member
18	Ms Blessy C	Assistant Professor, Department of Food Technology,	Member



		HICET.	
19	Ms Ronitalini C	Crystal Tea India Private Limited, Coimbatore.	Alumni Member
20	Ms Tejaswini V M	Student, Department of Food Technology, HICET	Student Member
21	Mr Naveen Kumar G	Student, Department of Food Technology, HICET	Student Member
22	Ms Kowsalya A	Student, Department of Food Technology, HICET	Student Member
23	Mr Shellamuthu R	Parent	Parent Member

The chairman of the BoS, **Dr Jeevarathinam G** welcomed the University nominee, Subject Experts, Special Invitees and all the Internal Members for the IX Board of Studies meeting. The chairman introduced the BoS members.

The Chairman presented the Vision, and Mission of the department and institution.

The Vision, Mission and PEOs of the department shall be disseminated to the entering students.

The Chairman presented the suggestions given by the experts and the action taken report of the previous BoS meeting held on 23.02.2023. Members of BOS approved the same.

The inputs from the stakeholders for the forthcoming curriculum syllabus were discussed. The Stakeholders' feedback on curriculum was presented by the Chairman-BoS.

The chairman briefed the views expressed by the members of Department Advisory Committee (DAC) on the Honors and Minor Degree courses to be offered in the V semester under R 2019 A, curriculum and syllabus for the odd semester coursed under R2022 & R2019.

CO-PO mapping was discussed in PAC was presented for the upcoming semester courses (III, V & VII semesters).

Assessment levels for the courses were set by PAC was discussed. The points discussed in PAC was approved.

The following points were discussed.



The following Discussion on Curriculum and Syllabus took place:

- The Chairman introduced the curriculum and syllabus for the Regulation 2022 and discussed the III Semester courses in R2022.
- As per discussion with DAC members, the Minor Degree course 21FT5601 – “Food Quality Analysis” and Honors course “21FT5205 – Food Technology and Management” (R 2019) was suggested to be offered in semester V.

The following are the recommendations put forth by the BoS members,

For the Regulations 2022 Curriculum

1. Based on the Feedback analysis, the following courses in semester III under R2022 had been suggested for revision by inclusion of topics relevant to the application of the basic concepts:

1. 22FT3202 - Fundamentals of Heat and Mass Transfer

2. 22FT3002 - Food Microbiology Laboratory

2. Experts suggested to offer the value-added course “22VAFT01 - Introduction to Food Technology” in semester III.

For the Regulation 2019 curriculum and syllabus

The following changes have been made in the courses in Semester V for the students admitted in the academic year 2021-22 onwards:

- Revision of the course title was suggested by the BOS member and academic expert from “21FT5203- Poultry, Meat and Fish Processing Technology” to “21FT5203 – Livestock and Fish Processing Technology” and insisted to include few topics in all the units. University nominee had also suggested to include Marine processing unit and merge Poultry and egg products.
- Revision of “21FT5002 Unit Operations in Food Processing Laboratory” Experts suggested to change the experiments VII, VIII, IX, XIII.



- The university nominee suggested to combine the Honors vertical “Food Technology and Management” & “Entrepreneurship and Management” and introduce verticals based on IOT applications in Semester V.
- The courses 21FT5307- Food Colors and Flavor Technology was introduced as Professional Elective I for Semester V.
- Experts suggested to offer the value-added course “21VAFT02 - Skill development in sensory assessment techniques” in semester V.

The following changes have been made in the courses in Semester VII for the students admitted in the academic year 2020-21 onwards:

- Revision of “19FT7201R Food Analysis and Quality Control”: New portions were included in all the units. Few topics were deleted in Unit 1,2,3,5
- Revision of “19FT7202R Food Packaging”; Topics related to packaging materials; plastic packaging has been added. Suggestions were made by experts to include the topic “Types of Inks”
- Revision of “19FT7001R - Food Packaging Laboratory” : Changes in experiment III, IV, VIII, X were suggested
- As per the University nominee’s suggestion, the course “19FT7002R - Food Analysis and Quality Control Laboratory” was revised. Repetition of experiments in Food Chemistry and Food Analysis have been rectified.
- Experts suggested to offer the value-added course “19VAFT03 - Food Product Development” in semester III.

General Recommendations

1. University Nominee and subject experts suggested to plan Product expos and Novel Technology lab establishment for the students.
2. Suggested to guide students to participate in project contest and widen their entrepreneurial skills.



The following resolutions were made in the Board of Studies meeting,

For Regulation 2019:

- In almost all the courses, changes have been done as per the current needs.
- The curriculum and syllabus of 2019 with update for the VIIth semester, V Semester and III semester courses of B.Tech. Food Technology program for the students admitted during the academic year 2020, 2021 and 2022 onwards was suggested to move on to Academic council.

For Regulation 2022:

- The syllabus for the Semester – I course, “22HE1073 Introduction to Soft Skills”, “22MC1093/22MC1091 தமிழர்மரபு /Heritage of Tamil”, “22MC1095 - Universal Human values”; Syllabus for Semester III courses – “22MA3107 Numerical Methods” and “22MC3191 - Essence of Indian tradition” under R 2022 passed by the Board of Science and Humanities, are permitted to move on Academic Council by the members of Food Technology.
- Chairman has confirmed that, the suggestions given by the subject experts will be considered and the syllabus will be updated based on the suggestions given in this BoS meeting.

The meeting ended with thanks to the Chair at 12.30 p.m.


Chairman

(Board of Studies)

**Chairman - BoS
FT - HiCET**

Copy:

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution, Approved by AICTE, New Delhi,
Affiliated to Anna University, Chennai.
Coimbatore - 641 032

Date: 09.06.2023

DEPARTMENT OF FOOD TECHNOLOGY
ATTENDANCE SHEET - BOARD OF STUDIES MEETING

S. No.	Name of the Person	Position	Signature
1	Dr Jeevarathinam G	Chairman	<i>J. Jeevarathinam</i>
2	Dr Nandhini Devi G	University Nominee	<i>Nandhini Devi G</i>
3	Dr Shanmugasundaram S	Subject Expert	<i>Shanmugasundaram S</i>
4	Dr Eyarkai Nambi V	Subject Expert	<i>Dr Eyarkai Nambi V</i>
5	Mrs Vidyalakshmi Y	Industry Expert	<i>Vidyalakshmi Y</i>
6	Dr Pandiselvam R	Member from QS rated Institution	<i>Online</i>
7	Dr Visvanathan R	Member	ABSENT
8	Dr Deepa J	Member	<i>Deepa J</i>
9	Dr Navarasam R	Member	ABSENT
10	Ms Nivetha T	Member	<i>Nivetha T</i>
11	Ms Swathi K	Member	<i>Swathi K</i>
12	Ms Thahaaseen A	Member	<i>Thahaaseen A</i>
13	Ms Thivya S	Member	<i>S. Thivya</i>
14	Ms Nageswari G	Member	ABSENT
15	Mr Dillwyn S	Member	ABSENT
16	Mr Premkumar J	Member	<i>Premkumar J</i>
17	Mr Charan Adithya S	Member	ABSENT
18	Ms Blessy C	Member	<i>Blessy C</i>
19	Ms Ronitalini C	Alumni Member	<i>C. Ronitalini</i>
20	Ms Tejaswini V M	Student Member	<i>V.M. Tejaswini</i>
21	Mr Naveen Kumar G	Student Member	<i>Naveen Kumar G</i>
22	Ms Kowsalya A	Student Member	<i>A. Kowsalya</i>
23	Mr Shellamuthu R	Parent Member	<i>Shellamuthu R</i>

J. Jeevarathinam
Chairman - BoS

Chairman - BoS
FT - HICET



Date: 15.12.2023

DEPARTMENT OF FOOD TECHNOLOGY
MINUTES OF THE BOARD OF STUDIES MEETING

Name of the Department: **Food Technology**

The **Tenth Board of Studies meeting** of regulation 2019 and regulation 2022 (for the students to be admitted from 2022-23 onwards) for the academic year 2023-2024 Even semester was conducted on 15.12.2023 at 10.00 a.m. in the Department of Food Technology, HICET, Coimbatore through hybrid Mode (Offline and Online - Google meet: meet.google.com/mcx-ivie-wps).

The following members are present and the attendance sheet is attached.

S. No.	Name of the Person	Designation and Department	Position
1	Dr. Jeevarathinam G	Associate Professor & Head, Department of Food Technology, HICET.	Chairman
2	Dr. Nandhini Devi G	Associate Professor, Centre for Food Technology, ACT Campus, Anna University, Chennai.	University Nominee
3	Dr Shanmugasundaram S	Registrar (i/c), Department of Food Process Engineering, NIFTEM-T (Formerly Indian Institute of Food Processing Technology), Ministry of Food Processing Industries, Government of India Pudukkottai Road, Thanjavur.	Subject Expert
4	Dr Eyarkai Nambi V	Associate Professor, Department of Academics and HRD, NIFTEM-T (Indian Institute of Food Processing Technology), Ministry of Food Processing Industries, Government of India Pudukkottai Road, Thanjavur.	Subject Expert
5	Mrs Vidyalakshmi Y	Head of Quality Assurance, Olam International Pvt., Ltd,	Industry Expert

		Kerala.	
6	Dr Pandiselvam R	Scientist, Physiology, Biochemistry and Post-Harvest Technology Division, ICAR –Central Plantation Crops Research Institute, Kasaragod-671 124, India.	Member from QS rated Institution
7	Dr Visvanathan R	Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
8	Dr Deepa J	Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
9	Dr Premkumar J	Associate Professor, Department of Food Technology, HICET.	Member
10	Dr Navarasam R	Associate Professor, Department of Food Technology, HICET.	Member
11	Ms Nivetha T	Assistant Professor, Department of Food Technology, HICET.	Member
12	Ms Swathi K	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
13	Ms Thahaaseen A	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
14	Ms Thivya S	Assistant Professor, Department of Food Technology, Hindusthan College of Engineering and Technology	Member
15	Ms Nageswari G	Assistant Professor, Department of Food Technology, HICET.	Member
16	Mr Dillwyn S	Assistant Professor, Department of Food Technology, HICET.	Member
17	Mr Charan Adithya S	Assistant Professor, Department of Food Technology, HICET.	Member
18	Ms Blessy C	Assistant Professor, Department of Food Technology, HICET.	Member
19	Ms Ronitalini C	Crystal Tea India Private Limited, Coimbatore.	Alumni Member



20	Ms Tejaswini V M	Student, Department of Food Technology, HICET	Student Member
21	Mr Naveen Kumar G	Student, Department of Food Technology, HICET	Student Member
22	Ms Kowsalya A	Student, Department of Food Technology, HICET	Student Member
23	Mr Shellamuthu R	Parent	Parent Member

The chairman of the BoS, **Dr Jeevarathinam G** welcomed the university nominee, Subject Experts, special invitees and all the internal members for the X Board of Studies meeting. The chairman introduced the BoS members.

The Chairman presented the Vision, and Mission of the department and institution. The Vision, Mission and PEOs of the department shall be disseminated to the entering students.

The Chairman presented the suggestions given by the experts and the action taken report of the previous BoS meeting held on 09.06.2023. Members of BOS approved the same.

The inputs from the stakeholders for the forthcoming curriculum syllabus were discussed.

The consolidated feedback on curriculum by the stakeholders was presented by the Chairman-BoS.

CO-PO mapping was discussed in PAC was presented for the upcoming semester courses (IV, VI & VIII semesters).

Assessment levels for the courses were set by PAC was discussed. The points discussed in PAC was approved.

The chairman gave an outline of the suggestions given by the members of Department Advisory Committee (DAC) related to the curriculum and syllabus. The Board of Studies member's suggestion had been sought in this regard.

The following points were discussed.

The following Discussion on Curriculum and Syllabus took place:

- The Chairman briefed the curriculum and Syllabus for the Regulation 2019 and 2022.
- The chairman presented the curriculum and syllabus for II and IV Semester for the R 2022 and VI and VIII Semester for the R 2019

The following are the recommendations were put forth by the BoS members:

For the Regulations 2022 Curriculum

In almost all the courses, changes have been done as per the current needs and the stakeholder's feedback.



1. Suggested to change the title of the course 22FT2251 – Biochemistry to Food Biochemistry and Nutrition and include the topics related to metabolic pathways, biochemical changes, and Nutrition.
2. suggested to include recent advances experiments in 22FT4002 Unit Operations in Food Processing Laboratory.
3. suggested to include Refrigeration equipment topics in 22FT4202 Refrigeration in Cold Chain Management.

For the Regulation 2019 curriculum and syllabus

Theory with Lab component course was suggested (in the previous ACM meeting) to be introduced in Honour degree verticals in the regulation 2019.

1. Technology of snack and extruded foods
2. Mushroom Processing Technology
3. Fermentation Technology
4. Enzymes in Food Processing

The professional elective II course – 21FT6301 has been suggested to be replaced with 21FT6301- RADIATION PRESERVATION AND PROCESSING OF FOOD PRODUCTS.

The course 21FT5305 – Cana Sugar Technology has been suggested to be replaced with “21FT5305 – CEREAL TECHNOLOGY”

General Recommendations

1. University Nominee and subject experts suggested to plan workshops, Industry training and encourage students to publish research articles in reputed journals.
2. Suggested to create opportunities for the students to participate in National Level Start-up and idea contests.

The following resolutions were made in the Board of Studies meeting,

For Regulation 2019:

- The curriculum and syllabus of 2019 with update for the VIIIth semester courses of B.Tech. Food Technology program for the students admitted during the academic year 2020-2021 and onwards was suggested to move on to Academic council.
- The syllabus for the value-added courses was presented.


For Regulation 2022:

- The curriculum under regulation 2022 for the students admitted from the academic year 2022-2023 onwards for the B.Tech. Food Technology and the same were presented and discussed. It was suggested to move on to Academic council.
- The syllabus for the Semester – II under regulation 2022 passed by the Board of Science and Humanities, Information Technology, Mechanical Engineering are permitted to move on Academic Council by the members of Food Technology.



- The syllabus for the value-added course was presented.
- Chairman has confirmed that, the suggestions given by the subject experts will be considered and the syllabus will be updated based on the suggestions given in this BoS meeting.

The meeting ended with thanks to the Chair at 11.30 p.m.


Chairman
(Board of Studies)

Chairman - BoS
FT - HICET

Enclose:

1. Previous BoS meeting Minutes
2. Action Taken Report
3. Regulation 2019 with amendments
4. Curriculum and Syllabi

Copy:

1. The Principal
2. Dean Academics
3. Controller of Examinations
4. All the Members of BoS
5. File

