

Chennai

01.10.2020

From  
The Head  
Department of Industrial Biotechnology,  
BIHER

To  
The Dean  
BIHER

Respected Sir

Sub: approval to start a value added (online) course on "Food Technology" -reg

It has been planned by the Department of Industrial Biotechnology to start a Value Added Course on "Food technology" for the benefit of the B-Tech – Biomedical Engineering, Genetic Engineering, and Industrial Biotechnology students from 9<sup>th</sup> October, 2020. The duration of the course is 30 hrs. I request you to kindly approve of the same.

Thanking you

Yours sincerely





# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
DEPARTMENT OF INDUSTRIAL BIOTECHNOLOGY**

Date: 05-10-2020

## **CIRCULAR**

### **Notification for Value added courses offered by the Department of Industrial Biotechnology**

The Faculty of Bio Industrial Biotechnology is scheduled to offer a Value added Course on "Food Technology" from 09/10/2020 for a period of 3 weeks. Interested students can approach Ms. D. Sharmila, Assistant Professor and Course Coordinator, Faculty of Bio Engineering (Industrial Biotechnology) for registration and for further details on or before 7<sup>th</sup> October 2020.

**Eligibility-III & IV Year - B-Tech – BME, IBT, GE**

Course Coordinator

HOD

Copy to:

Vice Chancellor

Pro Vice Chancellor

Additional Registrar

Deans

CoE

Heads of Departments

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH**

**DEPARTMENT OF INDUSTRIAL BIOTECHNOLOGY**

**VALUE ADDED COURSE ON FOOD TECHNOLOGY**

**2020-2021**

**COURSE CO-ORDINATOR DETAILS**

**Faculty Name:** Ms. D. Sharmila, Assistant Professor, Department of Industrial Biotechnology.

**Email ID:** sharmibiotechnology@gmail.com

**Mobile number:** 9677298889.

**Bharath Institute of Higher Education and Research**

**Department of Industrial Biotechnology**

**Value Added Course**

**2020 - 2021**

**FOOD TECHNOLOGY**

**Module I**

Introduction to Food Technology, Food biochemistry, food microbiology, food processing, Rheology and texture analysis, food and vegetable products, Post-harvest technology, Bakery and confectionary products, milk products, pulses and oil seeds.

**Module I**

Preservation by fermentation, Water activity of food and its significance in food preservation; Use of preservative in foods: chemical preservative, bio-preservatives, low temperature preservation: cold storage, cold chain, freezing (including cryogenic freezing).

**Module III**

Introduction to business laws and ethics, International food legislations and standards, Business management & international trade, Food laws and quality assurance, Food plant safety and hazard analysis, Food industry waste management.

**Total contact hours: 30**

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**DEPARTMENT OF INDUSTRIAL BIOTECHNOLOGY**  
**VALUE ADDED COURSE**  
**FOOD TECHNOLOGY (2020-2021)**

Session	Topic	Date	Duration (Hr)	Resource person
Session I	Food Technology	09.10.2020	3	Ms. D.Sharmila
Session II	food processing	10.11.2020	3	Ms. Merina Paul Das
Session III	Post-harvest technology	10.11.2020	4	Dr.M.R.K. Rao
Session IV	Types of preservative	16.11.2020	3	Ms. S.Sharmila
Session V	low temperature preservation	17.11.2020	3	Ms. D.Sharmila
Session VI	Preservation by fermentation	17.11.2020	4	Ms. Merina Paul Das
Session VII	business laws and ethics	23.11.2020	3	Dr.M.R.K. Rao
Session VIII	Food plant safety and hazard analysis	24.11.2020	3	Ms. S.Sharmila
Session IX	Food industry waste management	24.11.2020	4	Ms. D.Sharmila

**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
**DEPARTMENT OF INDUSTRIAL BIOTECHNOLOGY**  
**VALUE ADDED COURSE**  
**FOOD TECHNOLOGY (2020-2021)**

**Students Name List**

S.No	Reg No	Name
1	U12BT001	ANKUSH
2	U12BT003	AYUB ALAM
3	U12BT005	HARINI S
4	U12BT006	JITENDRA KUMAR
5	U12BT007	K.DILLESWARI
6	U12BT012	SATADRU DUTTA RAY
7	U12BT013	SURUTHI P
8	U12BT014	VENNILA DEVI P
9	U12BT015	YASMINE Y
10	U12BT016	YOGASRI K
11	U12BT020	IRFAN HUSSAIN LONE
12	U12BT501	SAI RAHUL
13	U12BT502	RAJA ROHITH
14	U12BM004	AQSA ASLAM
15	U12BM005	BIVASH RAI
16	U12BM006	HARITHA P C
17	U12BM007	JIABUR RAHAMAN
18	U12BM008	KAYALVIZHI S
19	U12BM010	NAVANEESH K
20	U12BM011	NIVETHA SHRI K
21	U12BM012	OVAIS AHMAD KHAN
22	U12BM014	PRIYA SINHA
23	U12BM016	VINODHINI R
24	U12BM017	VINOTHINI V
25	U12BM018	SHAIK REHANA BEGUM
26	U12BM019	SUSILANKA S
27	U12BM020	ROOBINI K
28	U12BM021	SANTHANA PRIYA S
29	U12BM024	JAFFAR SADHIK J
30	U12BM501	SABAHAT SYED
31	U13BR001	AEI SINGH
32	U13BR002	DURGA LAXSHMI
33	U13BR003	HARSHAVARDHINI B
34	U13BR004	LALAN GUPTA
35	U13BR005	MOHAMMED ABRAR
36	U13BR006	NISMABIN
37	U13BR007	PAVITHRA S
38	U13BR009	RAMKUMAR N
39	U13BR010	REEBA C.R
40	U13BR011	REVATHY G
41	U13BR012	SABY P.S
42	U13BR013	SHRI VISHALINI R
43	U13BR014	SOJA N.J
44	U13BR015	STENI JOSE
45	U13BR016	SUPRABUDDHA
46	U13BR018	SWETHA M

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**DEPARTMENT OF INDUSTRIAL BIOTECHNOLOGY**  
**VALUE ADDED COURSE**  
**FOOD TECHNOLOGY (2020-2021)**  
**Students Feedback**

S.No	Reg No	Name	Rating
1	U12BT001	ANKUSH	4
2	U12BT003	AYUB ALAM	4.5
3	U12BT005	HARINI S	4.5
4	U12BT006	JITENDRA KUMAR	4
5	U12BT007	K.DILLESWARI	4.4
6	U12BT012	SATADRU DUTTA RAY	3.5
7	U12BT013	SURUTHI P	4.5
8	U12BT014	VENNILA DEVI P	5
9	U12BT015	YASMINE Y	4.5
10	U12BT016	YOGASRI K	5
11	U12BT020	IRFAN HUSSAIN LONE	4.6
12	U12BT501	SAI RAHUL	5
13	U12BT502	RAJA ROHITH	4.4
14	U12BM004	AQSA ASLAM	3.7
15	U12BM005	BIVASH RAI	4.5
16	U12BM006	HARITHA P C	4.5
17	U12BM007	JIABUR RAHAMAN	5
18	U12BM008	KAYALVIZHI S	5
19	U12BM010	NAVANEESH K	5
20	U12BM011	NIVETHA SHRI K	5
21	U12BM012	OVAIS AHMAD KHAN	4.5
22	U12BM014	PRIYA SINHA	5
23	U12BM016	VINODHINI R	4.5
24	U12BM017	VINOTHINI V	5
25	U12BM018	SHAIK REHANA BEGUM	4.5
26	U12BM019	SUSILANKA S	4
27	U12BM020	ROOBINI K	5
28	U12BM021	SANTHANA PRIYA S	4.5
29	U12BM024	JAFFAR SADHIK J	5
30	U12BM501	SABAHAT SYED	4
31	U13BR001	AEI SINGH	4.5
32	U13BR002	DURGA LAXSHMI	5
33	U13BR003	HARSHAVARDHINI.B	5
34	U13BR004	LALAN GUPTA	5
35	U13BR005	MOHAMMED ABRAR	4.5
36	U13BR006	NISMABLN	5
37	U13BR007	PAVITHRA.S	4.5
38	U13BR009	RAMKUMAR.N	4.5
39	U13BR010	REEBA.C.R	5
40	U13BR011	REVATHY.G	5
41	U13BR012	SABY.P.S	5
42	U13BR013	SHRI VISHALINLR	4.5
43	U13BR014	SOJA. N.J	5
44	U13BR015	STENI JOSE	5
45	U13BR016	SUPRABUDDHA	4.5
46	U13BR018	SWETHA.M	4



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Value Added Course  
'Food Technology'

*Certificate*

This is to certify that Ms NISMABI.N (U13BR006) has attended three weeks Value Added Course on "Food Technology" conducted by faculty of Industrial Biotechnology at Bharath Institute of Higher Education and Research, Chennai (TN), India during 9<sup>th</sup> – 27<sup>th</sup> October, 2020.

  
Coordinator

  
HOD