

**M.Sc. FOOD TECHNOLOGY AND MANAGEMENT**

**DEPARTMENTAL REPORT**

**For the Academic Year: 2020-2021**

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### **DEPARTMENTAL ACTIVITIES:**

# 1. GUEST LECTURE:

## a. Concept:

Department of M.Sc. Food Technology and management has organized a virtual guest lecture on 22 May, 2021 through Zoom meeting on “MEDICAL NUTRITION THERAPY FOR COVID-19”, by K. Sunitha Premalatha, a Clinical Nutritionist and Dietitian. In this lecture we were taken through the chronology of COVID-19 infection that occurred worldwide, how it started with just five members with an unknown condition in Wuhan in December, 2019 and spread into a deadly pandemic.

## b. Purpose :

This Lecture emphasizes to help students equip knowledge about how the virus spread, its symptoms and preventive measures to be taken were very well explained considering few case studies.

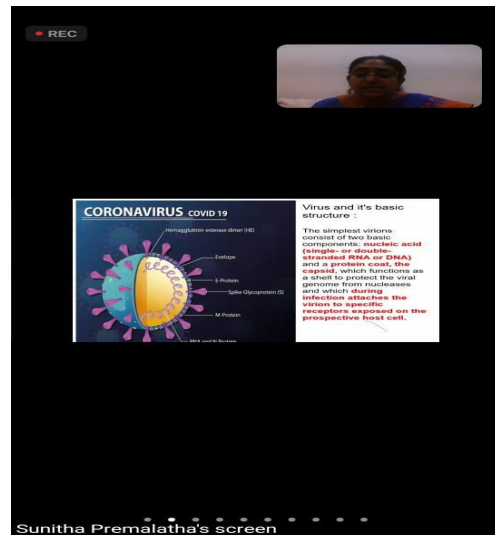
## c. Report:

Clear Understanding about The therapeutics and treatment options being used clinically to treat patients infected with the virus were given, Information about the nutrition dosages, adjustments and advancements to the final nutritional goal for the infected patients were provided. A detailed step by step procedure of how the patients were treated clinically in the hospitals until complete recovery was covered in the lecture.

## d. Reviews:

The lecture ended with a very interesting and innovative abbreviation for CORONAVIRUS which indicated the daily habits and measures to be taken to keep ourselves healthy and boost our immunity system to stay safe from the infection

## e. Photos.



## 2. PARENT TEACHER MEETING

### a. Concept:

Parent Teacher Meeting for M.Sc. I year and II year students was conducted on June 27<sup>th</sup>, 2020.

### b. Purpose:

To interact with parents and give feedback of the students and also get suggestions from them for the improvement of the department

### c. Report:

Parents and students met all the staff members on one to one basis.

### d. Reviews:

It is useful for the improvement of the students

## 3. WORKSHOP

### a. Concept:

The Department of M.Sc. Food Technology and Management has organized a workshop on 30<sup>th</sup> September 2021. The motto of this expo is "Our actions are our future- better production, better nutrition, a better environment and a better life.

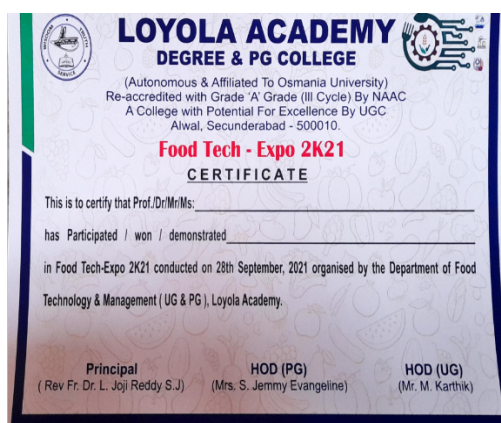
### b. Purpose:

The goal of this expo is to share the knowledge and techniques that we have adapted during our course period so that people who attend understand what goes beyond our understanding and what exactly happens to our food from farm to fork.

### c. Report:

Models were displayed which included chocolate preparation on industrial basis, ETP treatment plant, economizing photo thermal stimulator etc. Simultaneously there were competitions organized which were quiz, best out of food waste, short film and photography which were all based on the theme.

### d. Photos:





#### 4.IN-HOUSE PROJECTS:

- a. **Concept** - Two months in-house projects for II year students as part of the curriculum
- b. **Purpose** - To get hand on experience and research exposure in Food Technology
- c. **Report**- 13 students of M.Sc. II Year carried out their project work under guidance of Mr.A. Ravinder, Mrs. Evangeline in different areas.
  - i. All the students submitted their project report for the completion of course work.
- d. **Reviews**- Successfully completed their 3months project with proper utilization of departmental infrastructure.

#### Final Semester Project Details- Academic year 2020-2021

S.NO	UID No.	NAMES	PROJECT TITLE	PLACE
1	111719620001	N.Vinuthna sravani	Study on probiotic chocolates	Amitojas Wellness Private Ltd. Hyd.
2	111719620002	N.Chandrasekhar	A study on the processing and quality of beer	Carlsberg India Pvt.Ltd. Sangareddy, T.S.

<b>3</b>	<b>111719620005</b>	<b>N.Riya</b>	<b>Shelf life studies on dosa batter</b>	<b>Loyala Academy, Hyd.</b>
4	111719620006	R.Priyanka	Manufacturing process of cookies and biscuits and quality control	Paragon consumer care pvt.Ltd.T.S
5	111719620007	S.Vaishali	A study on the evaluation of chemical and microbiological analysis on different brands of milk products.	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd.
6	111719620008	Aanshika Yadav	Study on tropical fruits and their invitro studies as potential bio remedial compounds	Nitza Bio ventures, Hyd.
7	111719620009	V.Balachandra	Production quality control and new product development and shelf life study of bread.	Sri Meena biscuit manufacturing private LTD.
8	111719620010	R.Soumya	A study on the evaluation of chemical and microbiological analysis on different brands of milk products	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd
9	111719620011	Y.Bhavya Tejaswi	Study of processing of quality practices in the Industry	Bakewell Industries Pvt, Ltd. T.S
10	111719620012	E. Harishita	A study on the evaluation of chemical and microbiological analysis on different brands of milk products	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd
<b>11</b>	<b>111719620013</b>	<b>C.Mamatha</b>	<b>Multiseed bajra biscuits</b>	<b>Loyala Academy</b>
<b>12</b>	<b>111719620014</b>	<b>P. Nishitha</b>	<b>Development of tofu with chickpea flour</b>	<b>Loyala Academy</b>
13	111719620015	Akshitha	Processing of milk.	Vijaya Dairy warangal
14	111719620016	Sai priya	Processing of milk.	Vijaya Dairy warangal
<b>15</b>	<b>111719620017</b>	<b>T.Bhavani</b>	<b>Multiseed bajra biscuits</b>	<b>Loyala Academy</b>
<b>16</b>	<b>111719620018</b>	<b>KV. Neeraja</b>	<b>Studies on preparation and analysis of coconut milk and its products.</b>	<b>Loyala Academy</b>
17	111719620019	P.Abigail Selena	Processing of milk and milk products and its quality control.	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd
<b>18</b>	<b>111719620020</b>	<b>P.Gauthami Reddy</b>	<b>Soy whey carbonated beverage</b>	<b>Loyala Academy</b>
19	111719620021	S.V.D.Pallavi	A study on the evaluation of chemical and microbiological analysis on different brands of milk products	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd
20	111719620022	K.Amulya	Manufacturing process of cookies and biscuits and quality control	Paragon consumer care pvt.Ltd.T.S
21	111719620023	M.Kranti Swaroop	A study on the processing and quality of beer	Carlsberg India Pvt.Ltd. Sangareddy, T.S.
22	111719620024	Ayesha Fathima	Isolation and characterisation of microbes for production of antibacterial compounds isolated from dairy and non dairy sources and their potential as probiotics .	NitZa Bio ventures

23	111719620026	C.Ravali	A study on the evaluation of chemical and microbiological analysis on different brands of milk products	The Telangana State Dairy Development Cooperative Federation Ltd. Hyd
24	111719620028	M.S Pujitha	Gluten free pancake mix	Loyala Academy
25	111719620029	Shazia	Vitamin A biscuits	Loyala Academy
26	111719620030	M.Shreeya	Shelf life studies of naturally fermented idli batter	Loyala Academy
27	111719620031	K.Yashwanth yadav	Shelf life studies of naturally fermented idli batter	Loyala Academy
28	111719620032	T.Raveena	Development of tofu with chickpea flour	Loyala Academy
29	111719620033	T.Krishna Chinmai	Study of processing of quality practices in the Industry	Bakewell Industries Pvt, Ltd. T.S
30	111719620034	G.Prem	Shelf life studies on dosa batter	Loyala Academy
31	111719620036	B.Sai Nithin	A study on the processing and quality of beer	Carlsberg India Pvt.Ltd. Sangareddy, T.S.
32	111719620037	K.Likhitha	Shelf life studies of naturally fermented idli batter	Loyala Academy

## II. MENTORING LIST

S. No	Mentor Name	S. No	FOOD TECHNOLOGY	
			UID	Student Name

<b>1.</b>	<b>A. Ravinder</b>	1.	111720620001	Appana Satya Mahalakshmi Akhila
		2.	111720620008	Gandla Niharika
		3.	111720620012	MandemBabitha
		4.	111720620017	Shivani M
		5.	111720620020	Sushma T
		6.	111720620023	Vemulapally Jyothi N V S V Priya
		7.	111720620033	Thommandru Sunil Kumar
		8.	111720620030	Matta Kishore Raj
		9.	111720620031	Pittala Sumanth
		10.	111720620035	Mohd Ahmed Abid Ali Khan

<b>S. No</b>	<b>Mentor Name</b>	<b>S. No</b>	<b>FOOD TECHNOLOGY</b>	
<b>2.</b>	<b>S. Evangeline</b>		<b>U ID</b>	<b>Student Name</b>
		1.	111720620009	Kaparthi Milini
		2.	111720620011	K. Tejaeswini
		3.	11172062027	Deegoju Pranay Kumar
		4.	111720620028	GorremuchhuRatna Babu
		5.	111720620029	Mandadi Surya Vardhan Reddy
		6.	111720620032	Sajin Sojan
		7.	111720620018	SivaniKancharla
		8.	111720620019	Smrithy Krishnan
		9.	111720620022	Dinesh
		10.	111720620006	DalsaniaNirali Y

<b>S. No</b>	<b>Mentor Name</b>	<b>S. No</b>	<b>FOOD TECHNOLOGY</b>	
<b>3.</b>	<b>Ch. Maria Niveditha</b>		<b>U ID</b>	<b>Student Name</b>
		1	111720620002	Ashisha B. John
		2	111720620021	TeegallaManasa

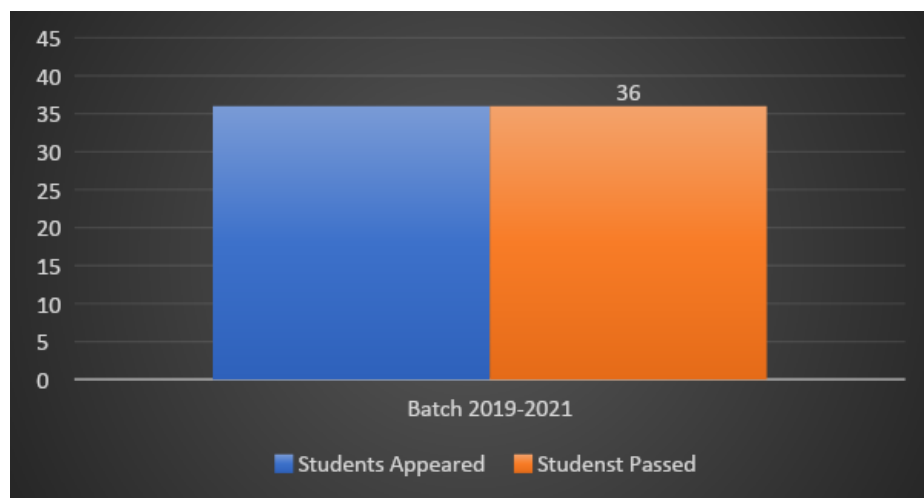
S. No	Mentor Name	S. No	FOOD TECHNOLOGY	
			UID	Student Name
4	Mrs. Vasudha	1.	111720620004	Bharathi S
		2.	111720620005	ChimmaniAkhila
		3.	111720620013	Muli Geetha Reddy
		4.	111720620016	SaligantiSushmitha
		5.	111720620024	Blessy
		6.	111720620034	YadallaManikanth Yadav
		7.	111720820003	BasaveniShirisha V

### III. RESULT ANALYSIS

#### Passed Out Batch 2019-2021: Academic Year 2020-2021

Total 36 students appeared in the Final semester end examinations and the pass percentage is 100%.

Ms. Ayesha Fathima bearing UID No: 111719620024 has won Gold Medal.



### IV. STUDENT ACHIVEMENTS:

S.No	UID No	Name of the student	Accomplishments		Job Details	Date/Year	Reference
			Events	Organized by			

1	111719620002	N.Chandrashekar	Thermal operations in Food process engineering; Theory & Applications	NPTEL	-	September 2020	<a href="#">Certificate</a>
			Dairy & Food Process & Products Technology	NPTEL	-	September 2020	<a href="#">Certificate</a>
2	111719620017	R.Sowmya	Entrepreneurship development program on Food Processing	MSME – Technology development Centre (PPDC)		June 14 <sup>th</sup> – June 18 <sup>th</sup> , 2021	<a href="#">Certificate</a>
3	111719620024	Ayesha Fatima			Vimta-Trainee Analyst	25 <sup>th</sup> August 2021	<a href="#">Offer letter</a>
4	Chinmai	111719620033	Participated in national level E-quiz on the occasion of Centenary Celebrations of P.V Narasimha Rao	Department of Food Science & Technology, Satavahana University		21 August, 2020	<a href="#">Certificate</a>