

Report on International Webinar “Sustainable alternatives for animal based food proteins”

The **Department of Chemistry** mLAC Autonomous, under the **Chemistry Forum** organized an online International Webinar on “**Sustainable Alternatives for Animal Based Food Proteins**” on September 28th 2021 at **Golden Jubilee Seminar Hall** , mLAC at 3pm.




Maharani Lakshmi Ammanni College for Women **Autonomous**
Affiliated to Bangalore City University
Re-accredited by MAC with "A" grade, Recognized by UGC
under Section 2(F) and 12(B) of the UGC Act 1956
Conferred the Status of 'College with Potential for Excellence' by UGC

DEPARTMENT OF CHEMISTRY
under the auspices of
CHEMISTRY FORUM
Organizes
International Webinar on

“Sustainable alternatives to animal based food proteins”
for UG and PG Students

By

Dr. Mahesha Manjunatha Poojary
Assistant Professor
Department of Food Science
University of Copenhagen



Date: 28th September 2021 **Tuesday** **Time:** 3.00 PM-4.00 PM

Online Platform: Google meet

<u>Presided by</u> Dr. Shashikala A Principal, mLAC	<u>Convenor</u> Dr. Nagalaxmi B N HoD, Chemistry, mLAC
--	---

Organizing Committee
Divya B N , Swathi N, Afshan I M
Shravana Kumara K.N

Registration Link : <https://forms.gle/wjN7PkTmFWxwxhcv7>

G Meet Link : <https://meet.google.com/cob-hpip-njz>
&
<https://meet.google.com/msx-yyzu-zad>

E-certificates will be provided

All are Cordially Invited

Dr. Nagalaxmi B N, Organizer, planned the webinar session and guided the organizing committee members for the further processes.

Ms. Swathi N, the member of organizing committee, invited Dr. Mahesha Manjunatha Poojary, Assistant Professor, Department of Food Science , University of Copenhagen, Denmark as a resource person.

Ms. Swathi N & Mr. Shravan Kumar designed the invitation. Mr. Shravan Kumar has created the registration link, Google meet link and feedback link. The invite was also sent across to UG & PG students.

The webinar began at 3pm on September 28th 2021 on an online mode.

Ms. Afshan I.M was the moderator of the programme.

Dr. Nagalaxmi B N, HOD & Convenor, welcomed the resource person, Principal, faculties and students.

Dr. Shashikala A, Principal mLAC, presented the presidential address.

Ms. Swathi N, the member of organizing committee, introduced the guest speaker of the webinar Dr. Mahesha Manjunatha Poojary, Assistant Professor, Department of Food Science, University of Copenhagen, Denmark .

The session began with the introduction of the topic and discussed on

- Production, processing and maintenance of animal-based foods.
- The major reason for the increase in the collection of greenhouse gas and global temperature rise.
- Advantages & Disadvantages of Sustainable alternatives for animal based food proteins.

The session was open for discussion. Many students have interacted with the resource person and got an interest to listen even the talk on career in the food science. Total Number of participants were 128. All the Chemistry Department faculties have participated in the programme at Golden Jubilee Seminar Hall.

Ms. Divya B.N, the member of organizing committee, proposed the vote of thanks.

Mr. Shravan Kumar, organizing committee member circulated the feedback link. Also mailed the e-certificates to the participants after the webinar.

FEW GLIMPSES OF THE WEBINAR


Dr. Poojary webinar - chemistry | Maharani Lakshmi Ammani Co. | Meet - max-yyzu-zad

meet.google.com/max-yyzu-zad?authuser=1

Chemistry Department is presenting

Mahesh M. Poojary is presenting

MAHESHA M. POOJARY (00/00/00)


Mahesha M. Poojary

Research interests

- ✓ Food chemistry
- ✓ Food processing
- ✓ Alternative proteins
- ✓ Nutraceuticals
- ✓ Chromatography
- ✓ Mass spectrometry

Education:

- BSc
- MSc
- PhD
- Postdoc

Universities:

- RMIT UNIVERSITY
- TECHNISCHE UNIVERSITÄT DRESDEN
- Technical University of Denmark

Links:

- www.linkedin.com/in/maheshm-poojary-50813180/
- <https://orcid.org/0000-0002-4212-3648>
- maheshm@foodsci.dk

Participants:

- You
- Ahman Ismail Mub
- 85 others
- Krupa.A CZBT
- Madhu .B.S CBZ
- Chemistry Department
- You

10:19 | International Webinar on - Sustainable alternatives t...

3:19 PM | max-yyzu-zad

People



Mute all



Add people



Host controls



Mahesha Poojary M



Mahesha Poojary M
Presentation



Manasa ST



Meghana. M -[PCM]



Meghana.M czbt 19mlacs...



ML CDT Medhini M



ML CDT SHREEYASHRI S V



Mohini Aishwarya U



Monika P



Maresha Poojary M is presenting

Food proteins

Food Source	Protein (%)
Vegetables	~5%
Milk	3.5%
Nuts	26%
Eggs	13%
Fish	22%
Chicken	27%
Pork	27%

International Webinar on - Sustainable alternati...

Maresha Poojary M is presenting

Grass

Protein extraction

Grass protein isolate

Extrusion

Meat analogue

3:42 PM | cob-hpip-njz

Dr. Poojary webinar - chemistry X Maharan Lakshmi Ammanes Co Meet - cob-hpip-njz

meet.google.com/cob-hpip-njz?pli=1&authuser=1

Mahesha Poojary M is presenting

Researchers want to convert rapeseed proteins from feed to food

GRANT In Denmark and the rest of Europe, you see lots of yellow rapeseed fields and most of the rapeseed protein is used for animal feed. A new research project SEEDFOOD will attempt to change this by creating new fundamental knowledge, so we can use the proteins for food in the future. The research project has been established with a grant of DKK 56 million kroner from the Novo Nordisk Foundation Challenge Programme and is being led from Department of Food Science at University of Copenhagen.

Rapeseed → Rapeseed → Rapeseed oil → Rapeseed cake → Rapeseed protein

Wasted/animal feed (30-40% protein)

4:02 PM | cob-hpip-njz

25°C Light rain

Dr. Poojary webinar - chemistry X Maharan Lakshmi Ammanes Co Meet - cob-hpip-njz

meet.google.com/cob-hpip-njz?pli=1&authuser=1

In-call messages

veganism uses through genetic engineering or gene modification.

Trisha Reddy K 4:17 PM
Sir won't animal husbandry suffer if lab processed meat becomes main scope?

Smriti Sureshbabu 4:23 PM
Thank you sir for an interesting session

Lavanya J M CBZ 4:23 PM
Thank you Sir for this informative session on "Sustainable alternatives to animal based food protein". We got more knowledge in the plant based protein foods and the pros and cons of the plant-based meat. Thank you Sir.

You 4:24 PM
Please give your valuable feedback
<https://forms.gle/NSHhG30FhLk17>

Trisha Reddy K 4:24 PM
Thankyou sir for answering

Send a message to everyone

4:24 PM | cob-hpip-njz

25°C Light rain

