

## **CRITERIA 7 - INSTITUTIONAL VALUES AND BEST PRACTICES**

## 7.2 BEST PRACTICES

# 7.2.1 Describe two best practices successfully implemented by the institution as per NAAC format provided in the manual.

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# 7.2 BEST PRACTICES 1

Ideation, innovation, and incubation: Nurturing a thriving research and innovation culture.

List of Projects and Grants Secured by Padmashree Institute of Management And Sciences

## Research projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Amount Sanctioned Rs.	Name of the Funding Agency	
Cost effective study for micropropagation of Leptadenia reticulata to make it feasible for commercial supply of elite germplasm for farmers.	Dr. Anuradha M.	7,00,000.00	National Medicinal Plants Board - I	
Isolation and characterisation of pregnane glycoside from <i>Caralluma fimbriata</i>	Dr. Anuradha M.	40,000.00	Sanat Products Pvt. Ltd.,	
"Tissue culture and conventional propagation of <i>Nothapodytes foetida</i> for large-scale supply of quality saplings and comparative study with <i>Campthotheca acuminata</i> "	Dr. Anuradha M.	25,00,000.00	National Medicinal Plants Board - II	
Application, replication, scientific validation and scale-up of the patented formula that can enhance the micronutrients in the staple food and its utilization towards improved nutritional and financial status of selected semi-rural poor woman of selected revenue villages of Kengeri, Hobli, Bangalore	Dr. Anuradha M.	13,42,000.00	Women and Nutrition (DST), GOI	
Finding an economical and reliable source for production of anti-thrombotic and fibrinolytic agent, its economical purification and testing of efficacy in vitro and <i>in vivo</i> model for thrombolytic therapy	Dr. Sudipta Kumar Mohanty	4,00,000.00	VGST - SMYSR, Government of Karnataka	
National Post-Doctoral fellowship (N-PDF)	Dr. Preenon Bagchi	19,20,000.00	SERB	
Science & Engineering Research Board (PDF)	Dr. Preenon Bagchi	19,20,000.00	Science & Engineering Research Board	
Biotechnology Skill Enhancement Program (BiSEP)	Dr. Anuradha M.	1,00,00,000.00	Department of IT- BT, Science and Technology, Government of Karnataka	
Utilization of silkworm waste for poultry and fish feed production technology optimization and transfer to silk farmers	Dr. Umalatha	37,00,000.00	WOS-B, DST, Government of India	



Bio-prospecting of chicken feather waste as source of bioactive peptides and bioactive compounds: a novel strategy for feather waste management	Dr. Sudipta Kumar Mohanty	7,500.00	Karnataka State Council for Science and Technology
R&D consultant	Dr. Anuradha M.	3,50,000.00	N Ranga Rao Sons Pvt Ltd (NESSO)

# Infrastructure projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Amount Sanctioned Rs.	Name of the Funding Agency
Establishment of Biotechnology Finishing School	Dr. Anuradha M.	1,00,00,000.00	KBITS - BTFS
Establishing advanced research and training facility for phytoceuticals	Dr. Anuradha M.	40,00,000.00	VGST, K-FIST Level II, Government of Karnataka
To Strengthen research facilities in all science departments of the college	Dr. Anuradha M.	30,00,000.00	DST, FIST. Government of Karnataka

# Student projects

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Amount Sanctioned Rs.	Name of the Funding Agency	
Identifying the mutagenicity of various commercially available hair dyes and hair colours	Ms. Julia Thomas Ms. Santwana D. Mentor: Ms. Rekha L.	30,000.00	VGST, Dept. of IT&BT, GOK	
Phytochemical and antibacterial analysis of leat extracts of Euphorbia neriifolia	Mr. Neeraj Pokharen Mr. Santosh Dahal Mentor: M. Kumara Swamy	30,000.00	VGST, Dept. of IT&BT, GOK	
Phytochemical and antifungal evaluation of Castor plant leaves ( <i>Ricinus communis L.</i> )-	Ms. Gurmeet Kaur Ms. Geeta Devi Mentor: Dr. Ravikumar H.N.	30,000.00	VGST, Dept. of IT&BT, GOK	
Evaluation of Biodiesel production from microalgae collected from fresh water habitats	Mr. Sudeep Shah Mentor: Mr. Lokesh P.	30,000.00	VGST, Dept. of IT&BT, GOK	
Endophytic Fungi from  Camptotheca Acuminata as a  potential source of Camptothecin -  An Anticancer Agent	Kalisa Amarsingh Bogati     Laipubam Bhaskar Sharma	30,000.00	VGST SPiCE Project - 2014-15	
VGST - TRIPS Project	Kiran Thapa     Rajat Revankar	40,000.00	VGST - TRIPS Project	
Extraction of protein from desliked pupae for human consumption	Dr. Anuradha M.& Dr. Umalatha	8,000.00	Karnataka State Council for Science and Technology	



Optimizing the process parameters for the food packaging material derived from freshwater fish (cycloid) scales	Mrs. Seba T. Jiso Thomas & Dr. Saradha Devi M.S	8,000.00	Karnataka State Council for Science and Technology
Production of bioactive molecules from agro-industrial waste.	Dr. Mallikarjuna Gowda K. G. Dr. Preenon Bagchi	7,000.00	Karnataka State Council for Science and Technology
Isolation and characterization of potential microflora to enhance conversation of kitchen waste to biofertilizer	Dr. Indu B.K. Dr. Sudipta Kumar Mohanty	10,000.00	Karnataka State Council for Science and Technology
Synthesis of biodegradable empty drug capsule shells from fruit waste	Dr. Umalatha Dr. Nagamani J.E.	10,000.00	Karnataka State Council for Science and Technology
Designing and development of bio- air purifier using bio waste	Dr. Nethra Subramanya	10,000.00	Karnataka State Council for Science and Technology
The development of nutraceuticals enriched food product by using processed technologies of Prosomillet for better covid-19 patients.	Ms. Rani S. Byadagi	10,000.00	Karnataka State Council for Science and Technology
Natural antioxidants used to reduce rancidity in oils	Mrs. Subbalakshmi G. Dr. Saradha Devi M. S.	10,000.00	Karnataka State Council for Science and Technology
Development of a multilayer packaging material using jackfruit waste	Dr. Umalatha Ms. Alice Preethi	10,000.00	Karnataka State Council for Science and Technology

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## **Research Infrastructure**

An exclusive research wing is established with high end equipment such as High-performance liquid chromatography, Atomic Absorption Spectroscopy(AAS), Gas Chromatography(GC), Fast Protein Liquid Chromatography(FPLC), Nano drop spectrophotometer, UV spectrophotometer, BOD incubator, Fermenter, Florescent microscope.

## List of Research labs at Padmashree Institute of Management and Sciences

S. No.	Facility	
1	Animal cell culture laboratory	
2	Proximate laboratory	
3	QC Biochemistry laboratory	
4	Phytochemistry laboratory	
5	Research laboratory	
6	Plant tissue culture laboratory	
7	Molecular Biology laboratory	
8	Food Sensory laboratory	
9	QC Microbiology laboratory	
10	Central instrumentation laboratory	
11	GC & AAS laboratory	
12	Food processing laboratory	

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## 7.2 BEST PRACTICES

## **Research Infrastructure**

## Animal cell culture laboratory

## Proximate laboratory





QC Biochemistry laboratory

Phytochemistry laboratory





Research laboratory

Plant tissue culture laboratory



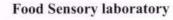




Dr. Anuradha. M
Principal
Padmashree Institute of



Molecular Biology laboratory





QC Microbiology laboratory



Central instrumentation laboratory



GC & AAS laboratory



Food processing laboratory









#### LIST OF PATENTS

## List of patents granted

- US Patent No. 9565804 Enhancing secondary metabolites and nutrients in plants and plant parts. Inventors: M. Anuradha and S. Balasubramanya
- Indian Patent No. 373689 Post-harvesting techniques for enhancing nutrients and phytochemicals in plant/plant parts. Inventors: M. Anuradha and S. Balasubramanya
- ➤ Indian Patent No. 391963 Method, system, and apparatus for growing and extracting plant and/or plant parts for enhanced benefits. Inventors: M. Anuradha and S. Balasubramanya
- Indian Patent No. 406599 Enhancing secondary metabolites and nutrients in plants and plant parts. Inventors: M. Anuradha and S. Balasubramanya
- Indian Patent No. 417240 -Techniques for enhancing nutrients and phytochemicals in plant/plant parts.
  Inventors: M. Anuradha and S. Balasubramanya

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## Research Publications in International and National Journals (2021-22)

- Gangadhar Barlaya, Harish Umalatha, Ganesh Hegde, Banahalli Sriramreddy, Ananda Kumar, Channaveer Huchchappa Raghavendra, Growth performance, carcass composition, and digestive enzyme activity of *Labeo fimbriatus* in tanks provided with feed and periphyton substrate in two orientations, Journal of Applied Aquaculture, 2021, doi: 10.1080/10454438.2021.1957054.
- Gangadhar Barlaya, Umalatha Harish, Ganesh Hegde, Sweta Pradhan, An account of periphyton, plankton and water quality in Labeo fimbriatus culture tanks provided with feed and sugarcane bagasse as periphyton substrate in two orientations, Aquaculture Research, Wiley, 2021, doi.org/10.1111/are.15525.
- Gangadhar B, Umalatha H, Hemaprasanth K, Apparent digestibility of dried azolla powder incorporated diets in rohu Labeo rohita (Hamilton, 1822), Indian Journal of Fisheries, 2021 64(4):153-156
- Rashmi D, Antimicrobial activity of florets of musa acuminata againstescherichia Coli, pseudomonas and bacillus, International Journal of Recent Scientific Research, 2021, ISSN: 0976-3031
- Rashmi D, Study On Proteolytic Enzyme From Probiotic Non Lactic Acid Bacteria Isolated From Sheep
   Milk, International Journal Of Public Mental Health And Neurosciences, 2021, ISSN: 2394-4668, 2(8)
- Yamuna G, Anooj, Roopika K,Sabitha Ran, Rashmi D, Studies on Screening of Paint Degrading Microorganisms Isolated from Wall Scrapings, Asian Journal of Applied Science and Technology, 2021, 5 (3), 126-137.
- Krupa J, Studies on Carotol Rich Essential Oil From Wild Cymbpogon martini (Roxb.) Watson,
   Mysore Journal of agricultural Science, 2021, ISSN: 0047-8539.
- Nethra S, Tayyaba ahamad, Shreelakshmi sanjay, Genotoxic impact of carcinogenic and natural feed on lifecycle of Drosophila melanogaster-a qualitative study, International Journal Of Public Mental Health And Neurosciences, 2021, ISSN: 2394-4668, 2(8).
- Nethra S, Study of dermatogyphic patterns and its relation to Intelligence quotient in Homo sapiens,
   International Journal Of Public Mental Health And Neurosciences, 2021, ISSN: 2394-4668, 2(8).
- Hemalatha J, Chemical Diversity in the essential oil of wild cymbopogon giganteus (Chiov.), Mysore
   Journal of agricultural Science, 2021, ISSN: 0047-8539.
- Hemalatha J, Studies on Carotol rich essential oil from wild cymbopogon martini (Roxb.) watson,
   Mysore Journal of agricultural Science, 2021, ISSN: 0047-8539.
- Hemalatha J, Studies on terpenoid compounds in the essential oil of wild cymbopogon martini (Roxb.)
   watson, International Journal of Botany studies, 2021, ISSN: 2455-541X,
- Hemalatha J, Vinutha Marigowda, Kunigal Jagadishchandra, Thara Saraswathi, Secondary Metabolite
  production and terpenoid biosynthesis in Endophytic Fungi cladosporium cladosporioides isolated from
  wild cymbopogon martini (Roxb.) watson, Microbiology research, 2021, 12(4), 812-828.



- Hemalatha Jayaram, Exploration and characterization of wild cymbopogon martini (Roxb.) watson,
   The Mysore Journal of Agricultural Science, 2021, ISSN: 0047-8539.
- Nagamani JE, Supriya B, Hypoacidic activity of the herbal extract; A study on the inhibition of parietal cell K+/H+ ATPase pump, International Journal of Pharmaceutical Sciences and Research, 2021, ISSN: 0975-8232; 12(2): 1173-1176.
- Nagamani JE, Usha, In vitro study on protease and thrombolytic activity of aqueous extract from
   Leucas aspera(1.) leaves, International Journal of Pharmacy and Pharmaceutical Sciences, 2021, ISSN
   2656-0097;13(7), 73-76.
- Rajini balaji, Karthik P, A Study on factors leading to Gradual weakening of Paper currency usage in India, Shanlax International Journal of Arts, science, and Humanities, 2021, ISSN 2321-788x.
- Nethra Subramanya, Comparative analysis of pollination efficiency in stingless bee, tetragonula irridipennis and honey bee, apis cerana indica using foraging speed, a qualitative parameter, Journal of Research & Development, 2022, ISSN: 2230-9578.
- Sheethal H. V, Baruah Chandrama, Subhash Kalpuri, Ananthan Rajendran, Longvah T, Insights of Nutritional and Anti-nutritional Retention in Traditionally Processed Millets, Frontiers in sustainable food system, 2022, ISSN 2571-581X, 5.
- Anuradha M, Indu BK, In silico identification of potential inhibitors from centella asiatica against papain like protease of SARS-COV-2, International Journal of Current Science, 2022, ISSN: 2250-1770.
- Barlaya, G., Harish Umalatha, Hegde, G, Growth, digestive enzyme activities, and carcass composition
  of fringe-lipped carp (Labeo fmbriatus) and catla (Catla catla) held in polyculture in tanks with sugarcane
  bagasse as periphyton substrate, Aquacult Int, 2022, 30, 3213–3228.

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Dr. Anuradha. M Principal Padmashree Institute of Management & Sciences

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## RESEARCH EXTENSION ACTIVITIES

This project, funded by the Department of Science and Technology's Women and Nutrition scheme, aimed to improve the nutritional and financial status of semi-rural poor women in selected villages in Kengeri, Hobli, Bangalore. Awareness programs and extension activities were organized, and more than 300 beneficiaries participated. The project included a survey on the health status and a health camp conducted in collaboration with Padmashree Diagnostics in Bengaluru.

#### List of beneficiaries

S. No.	Name	Address	Telephone No.
. 1	Sarojamma	Thindlu	9611447446
2	Rajalakshmi P.S.	Yelanpura	9620301287
3	Chikkadevamma	# 163, 2nd Main road, Saddapaji Temple	7760494499
4	Lalitha	# 3, MMC Lane, 3rd cross, RT street, Bangalore	8105324177
5	Priya	#138, 4th cross, 2nd main, Prakashnagar, Bangalore	805077677
6	Bindhushree	# 12, Jaishree Nagar, Kurubarahalli	9980233942
7	Nirmala	# 34AA, 6th cross, Gayathrinagar, Bangalore 560021	9964557884
8	Nagarathnama	Swasanthanagara, Srirampura, Bangalore - 560021	8105839199
9	Mahadeva Shetty	Swasanthanagara, Srirampura, Bangalore - 560021	8105037421
10	L. Soumya	# 50, 25th cross, Kilari Road, Bangalore 560003	9880694925
11	Ninnaggama	•	8970935240
12	Rajjama	-	9844530508
13	Venkateshan	#135/4, 6th Main, 4th cross, Prakash Nagar, Bangalore 560021	7795953120
14	Vinod. K.	#15,25th cross, Kilari road, Bangalore 560053	850097824
15	Nagamma	Nanjappa Block, Kempegowda nagar	9945042335
16	Savithamma	#273/C, 2nd cross, 2nd Main road, Prakashnagar, Bangalore	9036040860
17	Ananad. H.	# 13/3, 2nd Cross, Malleswaram, Bangalore -03	8904113717
18	Lakksmana Murthy	#12, 21st cross, Malgala Village, 2nd Stage, Bangalore	9035563675
19	Kokila. S.	#113, 13th cross, Yellanpuram, Bangalore 560021	8792264559
20	Srinivasa. V.	#5/4, Malgala, Nagarbavi 2nd Stage, Bangalore	7259059330
21	Venkataramana Raju	3rd Main, Kilari Road, Bangalore - 560056	9844406362
22	Krishna. H.	# 12, Jaishree Nagar, Kurubarahalli	9980233942
23	Raju	# 3558, 7th cross, Gayithri Nagar	9663771643
24	Ravi Kiran S.	Kurabarahalli	9686001198
25	Shobha N.	# 244, Akkipete Main Road	9964461966
26	Jayalakshmi	# 78, 2nd main road, Ramachandrapuram 560021	9060475529
27	Vijayalakshmi	6020, Devayapark Bangalore	9844986202
28	R. Rangaraju	# 8, Magadi Road, Bangalore 560023	988084620
29	Parvathi. A.	# 8, Magadi Road, Bangalore 560023	9880846270



30	Shobha. P.	Kamashipalya, Vrushabavathi Nagar	810566468
		#3534, 1st Cross, Gayathrinagar, Bangalore	
31	Roopa	560021	9066666643
32	Shashikala. P.	#11, 2nd cross, Chikpet, Bangalore 560053	7204453495
33	Suma V. Raju	3rd Main, Kilari Road, Bangalore - 560056	9964999644
34	Geetha	# 14/1, 4th main 2nd cross, Maruthi Layout, Bangalore	9880095592
35	Nagaratha K.	#89, 4th main road, Basaveshwanagar Bangalore	8095948845
36	Ramesha	#293, Bangalore 560021	9036160840
36	Shanthalakshmi	#293, Prakashnagar, Bangalore 560021	9686526347
37	Joythi		9900226357
38	Gawramma	#3, NMC lane, 3rd cross, RT Street, Bangalore 560053	8105324177
39	Padmashree. S.	#53, 2nd main road, Ramachandrapuram, Bangalore 21	7829252794
40	Pavitra. S.	#53, 2nd main road, Ramachandrapuram, Bangalore 21	7829252794
41	Lakshamma	Magadi Road, Dasarahalli, 10th Cross	9845780901
42	Shobha Shirali	#49, 5th cross, Sriramapura, Bangalore 560029	9611220140
43	Vijayalakshmi	#278/65, 2nd main, 9th cross, Prakashnagar	8147549662
44	Nagaratamma		8147549662
45	Radhamma	#53, 2nd main, Ramachandrapuram, Bangalore 560021	7829252794
46	Shivvana	#3470, 7th cross, Gayathrinagar	9739848659
47	Manjula. D.	#278/65, 2nd main, 9th cross, Prakashnagar, Bangalore	9900577325
48	Lalithamma	Gayathrinagar	9945067665
49	Praveen Kumar	Chikkabanawara	8431511077
50	Madevi	#3470, 6th cross Gayathrinagar,	8546919819
51	Chandrika	Chikkabanawara, Ragavendra Layout	8431511077
52	G. Manjula	#3443, Gayathri Nahar,	9739070193
53	Bhanu J,	#10/72, Mount Senoria School, FF colony, Laggere Bangalore 560058	7795592604
54	Netra		9844986202
55	Savitramma		*
56	Manjula		7760749982
57	Mangalamma	#3470, 7th cross, Gayathrinagar	9739848659
58	Bhanumathi	Lakshminarayanapura, 5th cross, 5th main	9531631311
59	Gannamurthi	# 40/1, 5th cross, 5th main, LN Puram - 560021	9945095690
60	Seethalakshmi	Lakshminarayanapura, 5th cross, 5th main	9538677704
61	Neela	# 114, 13th cross, LN Puram, Bangalore 560021	9845709620
62	C. Vijayalakshmi	#1016/5, 7th cross, 10th main road prakashnagar, Bangalore	9740848367
63	Barathi K.	# 114, 13th cross, LN Puram, Bangalore 560021	9141602483
64	Bhanu. J.	#10/72 FF Colony Laggerre, Bangalore 560058	7795592604
65	G. Mungala	Gayathri Nagar	9739070193
		Chikkabanawara, Ragavendra Nagar	8431511077



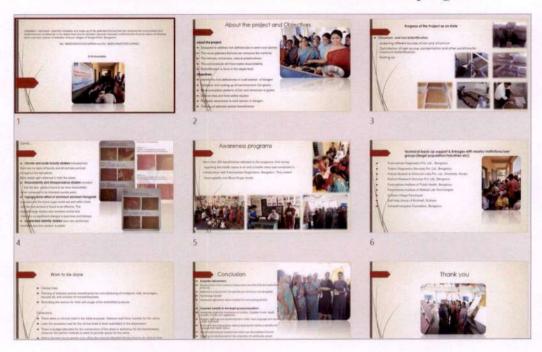
## **Program Summary**

The project was funded by the Department of Science and Technology's Women and Nutrition scheme and aimed to improve the nutritional and financial status of semi-rural poor women in selected villages in Kengeri Hobli, Bangalore. Awareness programs were organized and over 300 beneficiaries attended. The programs included a questionnaire that was developed with the help of nutritionists and dieticians, which collected data on the health status of the beneficiaries. To further understand their health status, Padmashree Diagnostics in Bengaluru conducted tests on the HB and blood sugar levels of the participants. The project aimed to provide these women with the tools and resources they need to enhance their nutritional and financial well-being.

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# Presentation of Women and Nutrition outreach program



# Photo gallery of Women and Nutrition outreach program













Student volunteers collecting the health and nutrition data from the women

## TRAINING PROGRAMS ON

# UTILIZATION OF SILK WORM PUPAE FOR THE DEVELOPMENT OF FISH AND POULTRY FEED





# The utilization of silkworm pupae as poultry and fish feed

ರೇಷ್ಮೆ ಹುಳು ಪ್ಯೂಪೆ ತ್ಯಾಜ್ಯವನ್ನು ಕೋಳಿ ಮತ್ತು ಮೀನು ಆಹಾರವಾಗಿ ಬಳಸುವುದು

Supported by DST-New Delhi ಡಿಎಸ್ಟಿ-ನವದೆಹಲಿಯಿಂದ ಬೆಂಬಲಿತವಾಗಿದೆ

Padmashree institute of Management and Sciences, Kommaghatta,Kengeri, Bangalore ಪದ್ಮಶ್ರೀ ಇನ್ನ್ನಿ ಟ್ಯೂಟ್ ಅಫ್ ಮ್ಯಾಸೇಪ್ಮೆಂಟ್ ಅಂಡ್ ಸೈನ್ಸಸ್. ಕೊಮ್ಮಘಟ್ಟ, ಕೆಂಗೇರಿ, ಬೆಂಗಳೂರು





# Presentation in local language (Kannada)







## **Program Summary**

Dr. Umalatha conducted an extension training program on the utilization of silkworm pupae for the development of a value-added product for resellers in Ramanagara district as part of a DST project. Ramanagara district is a hub for silk reeling, resulting in a large amount of waste generated from silkworm pupae. The aim of the project was to convert this waste into a valuable product like feed for poultry and fish. The training program was held on January 23 and February 8, 2021, in Thagikuppae Villages of Ramanagara district and demonstrated how to prepare the feed, emphasizing the importance of using the right proportions of ingredients. The importance of this training for the resellers of Ramanagara was also discussed, as unscientific disposal of the silkworm pupae waste can cause environmental hazards and a foul odor, leading to a lower market price for the unprocessed pupae. By using the waste to make nutritional feed for fish and poultry, the resellers could improve their income.

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## PROGRAMS CONDUCTED AT CHIKKAMUNAVADI, RAMANAGARA DISTRICT

Dr. Umalatha conducted an extension training program on December 7, 2020 as a part of DST Project to utilize Silkworm pupae waste for the development of a value-added product for resellers in Ramanagara district. The waste was used to make feed for poultry and fish. The resellers discussed and cleared all doubts about fish feed preparation. The presentation was given in the local language, Kannada and explained the process of making the feed step-by-step, emphasizing the right proportions of ingredients. The fish and poultry feed was made using nutritious silkworm pupae waste.















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# Explaining the importance of utilization of silkworm pupae waste into value added product



Training and awareness programs on the preparation of feed from silkworm pupae were conducted for farmers in the villages of Ramanagara district on January 23 and February 8, 2021, in Kalya village. These programs aimed to educate the farmers on how to make nutritious feed for their poultry and fish using silkworm pupae waste.



Explaining the importance of utilization of silkworm pupae waste into value added product.





# **List of Products and Innovation**

Sl. No.	Products/ Innovations				
1.	Post-harvest process optimization for the enhanced levels of nutra mineral composition in <i>Gymnema sylvestris</i> – a potent antidiabetic plant				
2.	Evaluation of multiple applications of Ginger biofortified with Zinc using nove patented formulation				
3.	Protocol optimization for the production of calcium enriched <i>Lactobacillus</i> sporogenes				
4.	Investigations on deodorization and taste masking of Spirulina - a potent nutraceutical				
5.	Nyctanthes arbortristis L. (Night Jasmine) - A promising and cost effective substitute for Saffron in Food & Cosmetic industry				
6.	A novel method of Selenium biofortificationin fenugreek and rosemary and their utilization as antidandruff Nutra-Cosmoseutical formulation				
7.	A holistic nutraceutical solution for iron and zinc malnutrition				
8.	Medicinal properties of popped lotus seeds (Phool Makhana) and its utilization in the preparation of nutraceuticals energy bar				
9.	Development of methods to reduce sodium salt intake to ameliorate hypertension				
10.	Pastrient – A gluten free pasta with added nutraceutical methods				
11.	Green synthesis, characterization and antidiabetic evaluation of the glucose tolerant factor (GTF – Chromium) fenugreek nanoparticle				
12.	Fermented coconut water – a potent wound healer with skin cell proliferative activity				
13.	A novel biodegradable, antioxidant rich chitosan based film for preservation of fruits				
14.	Optimization of an instant anti-diabetic health drink supplemented with natural non-calorific sweetener				
15.	Nutraceutical red wine: preparation with <i>GarciniaCambogia</i> – a potent antiobes plant				
16.	Anti hypercholestromic activities of biologically enriched garlic and flax seed extracts				
17.	Extraction, nutritional and functional characterization of protein from jack fruit seeds cost effective and nutritive alternative for protein malnutrition				



## LIST OF AWARDS AND RECOGNITIONS

S.No	List of awards and Recognition
1	Mr. Anooj O and Ms. Roopika V won the third prize for poster presentation at the Bangalore
	Tech Summit 2018.
2	Ms. Pooja Yadav won the first prize for poster presentation at the Bangalore Tech Summit
	2019.
3	Ms. Divya K won the consolation prize for poster presentation at the Bangalore Tech
3	Summit 2019
4	Dr. Umalatha and Dr. M. Anuradha won the second prize for poster presentation at the
7	Bangalore Tech Summit 2020.
5	Mr. Udaya Ravi won the second prize for poster presentation at the Bangalore Tech Summit
3	2022.
,	Dr. Nethra S won the reviewer excellence award from the Indian Journal of Agricultural
6	Research.
7	Dr. Preenon Bagchi was selected as a post-doctoral fellow at the Institute National de la
7	Santé et de la Recherche Médicale.
0	Dr. Preenon Bagchi received registration and travel support for the 3rd RSU National and
8	International Research Conference (RSUSSH-2018) held in Pathumthani, Thailand
	Dr. Eranna G was awarded the Dr. APJ Abdul Kalam Lifetime Achievement Award for
9	national outstanding excellence in the field of teaching, research, and publication, by the
	international institute for social and economic reforms, Bengaluru.
	Dr. Preenon Bagchi was awarded the National Post-Doctoral Fellowship (N-PDF) from the
10	Science and Engineering Board (SERB) Fund for Science and Engineering Research(FSER), b
	the Government of India.
11	Dr. Umalatha selected for Women Scientist B project Department of Science and
	Technology
12	Mrs. Manju Bhargavi O J won the ACS Poster Presentation award at the ICAMR-2019,
12	held at M.S. Ramaiah University of Applied Sciences, Bangalore.
13	Dr. D. V. Sriharsha won the Dr. M. J. Thirumalachar Young Scientist Award - second
13	prize for oral presentation, from the Mycological Society of India, Pondicherry.
14	Chaitra H M won the IWSA's Nanik Gurnani Award for poster presentation from the Indian
	Women Scientist Association.
	Dr. Preenon Bagchi received an appreciation message from the Prime Minister of India at
15	the 7th International Conference on Public Mental Health and Neurosciences (ICPMN -2020)





18.	Novel attempt to reduce attenuation of secondary metabolites production by endophytic fungus		
19.	Elicidation of secondary metabolites content along with enhancement of selecter micronutrient in soya beans		
20.	Production of GTF rich fenugreek extract – a value added nutraceutical		
21.	Developing low cost simple kits for training high school students in chromatography		
22.	Milk adulteration testing kits to determine the adulterants and adulteration level in milk		
23.	Comparatative analysis of fecal indicator Bacteria in water and zoo plankton in Zuari estuary		
24.	Isolation and characterization of protease enzyme producing micro organisms		
25.	Endophytic fungi from <i>Camptotheca accuminata</i> as a potential source of camptothecin - An anti-cancer agent		
26.	Bioprospecting of bacterial isolates collected from mangrove sample of Goa		
27.	Isolation and characterization of bio-surfactant from Bacillus amyloliquefacieus BS36		
28.	Enhancement and extraction of Withanolides from Ashwagandha		
29.	Enhancement and extraction of Ursolic acid from Ocimum sanctum		
30.	Enhancement and extraction of <i>Glycerrhinic</i> acid and Glabridin from Licorice roots		
31.	Enhancement and extraction of forskholin from Coleus forskholli		
32.	Testing method for the presence of Disulfuram from Herbal De-Addiction  Product  (claimed as completely chemical free)		





#### 7.2 BEST PRACTICES 2

Health for all through Nature, Nutrition and Nutraceutical Practices

# VAN MAHOTSAVA DAY CELEBRATION ON 1ST JULY, 2018





## 7.2 BEST PRACTICES 2

# HEALTH FOR ALL THROUGH NATURE, NUTRITION AND NUTRACEUTICAL PRACTICES

## **Programs conducted on Environmental Awareness**

## VAN MAHOTSAVA DAY CELEBRATION- 2018

Title of the program	Vana Mahotsava Day	
Organization committee	Organized by NSS committee, PIMSDr. Anuradha M. Dr. Thammaiah R.B. Mrs. Nethra S Ms. Rajini J Students:	
	MS. Deepika Ms. Ranjitha Mr. DhanajaiahMr. Naveen Mr. Nishanth	
Supported/Sponsored by	NSS Committee, Bangalore University	
Program schedule	<ol> <li>Informal Welcome speech</li> <li>Program Addressal</li> <li>Saplings Planting</li> <li>Vote of thanks</li> </ol>	3.00 PM 3.10 PM 3.20 PM 4.00 PM
Participants	NSS Volunteers Teaching staff- 25 Students - 80	

## **Program Summary:**

Van Mahotsav Day <u>is</u> celebrated every year from 1<sup>st</sup> July to 7<sup>th</sup> July to create awareness about the conservation of forest to save the environment.

PIMS NSS committee organised Vana Mahotsava Day to make students realize the importance of planting trees and save our planet. The programme commenced with talk by Dr. Anuradha M, the talk was about the importance of Vanamahotsava Day celebration and how it plays an important role in balancing the environment.



The name Vana-Mahotsava means 'The Festival of Trees'. It began after the July 1947 tree planting drive in Delhi heralded by national leaders like Dr Rajendra Prasad and Jawaharlal Nehru participated. She explained how it plays an important role

- · To increase production of fruits, which could be added to the potential food resourcesof the country
- · Help create shelter-belts around agricultural fields to increase their productivity
- Provide fodder leaves for cattle to relieve intensity of grazing over reserved forests.
- Boost soil conservation and prevent further deterioration of soil fertility.

After the talk all were instructed to take an oath of saving our forests, and create awareness about the ill effects of deforestation. All the participants and the faculties planted the saplings in the campus to keep our environment in a harmony marking the "Festival of Trees". The students showed great eagerness while planting saplings. They were also enlightened that the "Van Mahotsav Day" is celebrated at the onset of monsoon, because saplings planted during that season shows great survival.

A "Go Green" initiative was started to promote growth of trees to balance eco system in the campus. Many activities were planned where the individual students were asked to plant one sapling and take the responsibility of maintaining it on daily basis, they were also given freedom to study in detail about the beneficial effects of planting that particular sapling andits medicinal uses.

Bangalore-60 \* \$300

Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences

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## **VAN MAHOTSAVA DAY CELEBRATION**











Dr. Anuradha. M
Principal
Padmashree Institute of



# PLANTING OF SAPLINGS OUTSIDE THE CAMPUS ON THE OCCASION OF WORLD ENVIRONMENT DAY

















# Photo Gallery: World Environment Day



Bangalore-60



# PLANTING OF SAPLINGS OUTSIDE THE CAMPUS ON THE OCCASION OF WORLD ENVIRONMENT DAY

## **Program Details:**

Organized by NSS committee, Padmashree Institute of Management	and Sciences
NSS Committee, Bangalore University	
1. Informal Inauguration	11.00 AM
2. Interaction with students	11.10 AM
3. Vote of thanks	12.30 PM
	Padmashree Institute of Management of NSS Committee, Bangalore University 1. Informal Inauguration 2. Interaction with students

The world environment day Celebration started with planting of small plants around the campus by students and faculties, later continued by innovative and provoking talk by our beloved principal Dr. Anuradha M, on how to protect our mother nature, what we can do as a thanks giving to mother nature, assigned different activities to students around the campus and encouraged the students to take step to preserve our mother nature.

## Summary of the Program

The world environment day Celebration started with planting of small plants around the campus by students and faculties, later continued by provoking talk by our beloved principal Dr. Anuradha M, on how to protect our mother nature, what we can do as a thanks giving to mother nature, assigned different activities to students around the campus and encouraged the students to take step to preserve our mother nature.

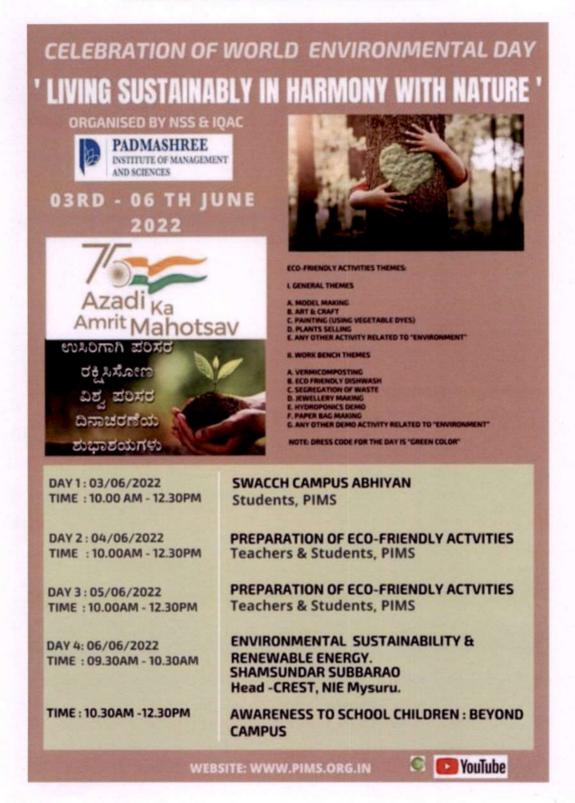
Students were motivated to plant trees and also come out with different ideas for waste management in the college and college campus, which is one of the major challenges to protect the environment. Few students expressed their views on how can we manage waste generated like food waste, plastic waste, paper waste, how to utilize those waste and also few students expressed their taught on proper disposal of waste.

The environment day was also made special by the faculty members, who came forward to sing a group theme song on "Why and how we have to protect our environment". The event came to an end by taking a oath to protect environment.





## CELEBRATION OF WORLD ENVIRONMENT DAY





#### CELEBRATION OF WORLD ENVIRONMENT DAY

#### **Program Schedule**

Date	Time	Activity	
03-06-2022	10 AM-12.30 PM	Swacch Campus Abhiyan	
04-06-2022	10 AM-12.30 PM	Preparation of Eco-friendly Activities	
05-06-2022	10 AM-12.30 PM	Preparation of Eco-friendly Activities	
06-06-2022	9.30 AM -10.30 AM 10.30AM -12.30PM	"Environment Sustainability and Renewable energy"	

## **Program summary**

On the eve of World Environment Day, a four-day event was held to promote eco-friendly activities. On day one, a "Swachh Campus Abhiyan" was organized, which involved cleaning the campus to maintain an eco-friendly environment and raise awareness among students about saving the environment.

Days two and three were dedicated to conducting eco-friendly activities such as creating models and crafts using sustainable materials. These creations were later exhibited to school children to create environmental awareness in the community.

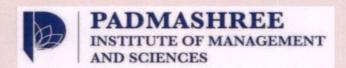
On day four, a talk was given by Shri Shamsundar Subbarao on the topic of "Environment Sustainability and Renewable Energy." This was followed by an exhibition of the eco-friendly models and crafts created by the students and staff. The event aimed to raise awareness about the environment among school children and the local community.

The celebration was enjoyed by all, and the participants gained a greater understanding of the importance of protecting the environment.

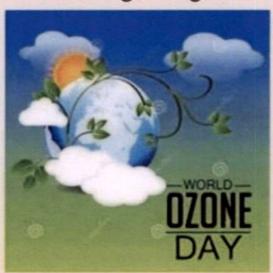




## Awareness on protection of Ozone Layer



is organizing



in collaboration with Poornayurdhama

September 16th, 2018 Venue: Seminar Hall, Padmashree Campus, PIMS

Resource Person:



Dr. Prapulla SG Rtd. Chief Scientist & Head CFTRI ,Mysore

www.pims.org



## Awareness on protection of Ozone Layer

Title	Awareness on protection of Ozone Layer	
Event conducted on	16-09- 2018	
Resource person	Dr. Prapulla, Former Scientist, CFTRI	
Participants	25 Students, 3 faculties of PIMS, 10 outside villagers	
Event	World Ozone Day: Extension activity	

## **Program Summary**

On account of World Ozone Day, there was an environmental awareness program organized for the students. The session commenced with a scientific talk by Dr. Prafulla, Retd scientist at CFTRI, enlightened students about the importance of the ozone layer and itsdepletion. The Speaker also emphasized on the various solutions for the protection of ozone layer. All students were given an insight about important causes of the depletion of ozone layer. The session included discussions on the chemicals discharged into the environment are affecting the ozone layer.

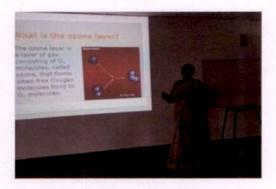
As a part of this, an extension activity - Plantation of trees was planned in Poornayurdhama. All the students visited Poornayurdhama and planted trees along with the people of the neighborhood villages around the college. Students extended their willingness to provide an insight about the effectiveness of plants in reducing pollutants that are causing damage to the ozone layer and also discussed measures to prevent pollution.





## Photo Gallery: Awareness on protection of Ozone Layer















Dr. Anuradha. M

Principal
Padmashree Institute of
Management & Sciences



## Eco week- Environment, Sustainability, Practices and Management - A Key to

#### Conserve

## 21st-26th February 2022

Venue: Science Block, Padmashree Campus







# Eco week- Environment, Sustainability, Practices and Management A Key to Conserve

## **Program Schedule**

Date	Time	Speaker	Topic
21-02-2022	10.30 am	Dr. Nethra Subramanya, PIMS	Environment sustainability and fascinating ecosystems
21-02-2022	12.00pm	Msc Biotechnology I year Students	Skit on Environmental Awareness
22-02-2022	10.30am	Dr. Nethra Subramanya, PIMS	Climate Change and Global Warming
23-02-2022	10.30am	UG first year Students	Model Making, Quiz on Environmental Awareness
24-02-2022	10.30 am	Dr. Sanjay, KC General Hospital	Natural Disasters: Risk, Assessment and Management.
24-02-2022	11.30 am	Prof Pullaiah, S K University	Biodiversity and Conservation
25-02-2022	10.30 am	Ms. Tejaswini, Chikkamagaluru	Environmental Communication and Public Awareness
25-02-2022	11.30 am	Dr.Anuradha M, Principal, PIMS	Water: The Elixir of Life
25-02-2022	2.00 pm	Dr. Sridevi, GDC, Anantapur	Soil-The Precious Natural Resource
26-02-2022	10.30 am	Dr. Sudipta Kumar Mohanty, VP, PIMS	Global Environmental Policies and Practices followed by Field Activities

# **Program Summary**

The Speakers gave insights about the Environment and ecosystems, Biodiversity and Conservation, Natural calamities, Global environmental issues, Environmental communication and public awareness, Policies for the protection of the environment. Information on water and soil conservation was given. A skit on saving environment was played by Msc Biotechnology sem 1 student. The attendees were assigned with group discussions and also participated in quizzes.



# Photo gallery: Eco week- Environment, Sustainability, Practices and Management-A Key to Conserve











### World Environmental day

Swacch Campus Abhiyan - Campus cleaning





# World Environmental day Swachh Campus Abhiyan- Campus cleaning

1	Title of the program	World Environmental day
		Swacch Campus Abhiyaana - Campus cleaning
2	Date of the program	03-06-2022
3	Organisation committee	Organised by NSS committee, PIMS
		Dr. Anuradha M.
		Dr. Thammaiah
		Mrs. Shruthi A.M.
		MS. Greeshma
		Ms. Mahalakshmi
4	Supported/Sponsored by	IQAC Cell, PIMS
5	Participants	NSS Volunteers
		BSc -105 students
4	Program Schedule	10:00 AM to 12:15 PM: Campus cleaning by the
		students
		12:15 PM to 12:30 PM: Snacks and healthy drinks
		distribution

# **Program summary**

As a part world environment day, NSS unit of PIMS had organized campus cleaning abhiyaan. Dr. Thammaiah, Programme Coordinator, NSS, PIMS welcomed the gathering. Dr. Thammaiah, along with NSS Program officers, initiated cleaning activities among volunteers. He motivated students towards 'Clean India'. All the NSS volunteers including all the undergraduate students participated very actively in the event. Everyone cleaned the entire campus and collected all the litter in big bags for disposal. Refreshments were distributed to the participants.





# PHOTO GALLERY OF WORLD ENVIRONMENT DAY- 2022 DAY 1 ACTIVITY - SWACHH CAMPUS ABHIYAN











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Dr. Anuradha. M

Principal
Padmashree Institute of
Management & Sciences

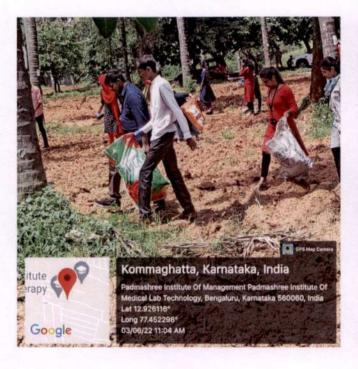


# Photo gallery: World Environmental day

Swachh Campus Abhiyan - Campus cleaning- 2022

















## DAY 4 - ENVIRONMENTAL SUSTAINABILITY AND RENEWABLE ENERGY































### **SWACHH BHARATH ABHIYAAN**

Organised by NSS committee, PIMS, Supported by NSS committee, Bangalore university SAVE OUR PLANET

Avoid waste and plastics
Use all the food you buy, and skip single-use plastics.





# SWACCH BHARATH ABHIYAAN – A BEYOND CAMPUS INITIATIVE

# 27th August, 2018

Title	Swacch Bharath Abhiyaan - A beyond campus initiative	
Event conducted on	27-08-2018	
Participants	NSS Volunteers, 67 students	
Organizing committee	Organized by NSS committee, PIMS	
	Dr. Anuradha M.	
	Dr. Thammaiah R.B	
	Dr. Nethra S.	
	Ms. Rajini J.	
	Student co-ordinators:	
	Ms. Deepika	
	Ms. Ranjitha	
	Mr. Dhanajaiah	
	Mr. Naveen	
	Mr. Nishanth	
Event	Extension program	

# Program schedule

Program	Time	
Inauguration	10:00 AM	
Welcome Speech	10:10 AM	
Key note address	10:15 AM	
Cleaning activity in village	10:15-11.30 AM	
Refreshment break	11.30-11.45 AM	
Continuation of cleaning activity	11.45-12.30 PM	
Oath taking	01:00 PM	
Vote of thanks	01.05PM	



Photo Gallery: Swachh Bharath Abhiyaan







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The session ended by oath taking of students and staffs to maintain plastic free environment





## **Program summary**

This program was organized to enlighten participants to save our planet by eradication the usage of plastics. The program commenced with talk by Dr. Anuradha M., Principal, Padmashree Institute of Management and Sciences, on how to maintain the plastic free environment and the hazards caused by use of plastics. She also stressed that it is the responsibility of every individual to completely eradicate the use of plastic. Staff, NSS volunteers and students actively participated in the event.

A total of 67 students, NSS volunteers and 25 staff participated in the programme. Dr. Thammaiah R.B., welcomed the gathering. Along with NSS Programme officers the organizing committee-initiated cleaning activities. Students were motivated towards 'Clean India' by the inspirational talk by Dr. Anuradha M., Principal, Padmashree Institute of Management and Sciences. She enlightened volunteers about the importance of cleanliness, starting from one's home to the entire country. The volunteers were asked to make the nearby villages Hossabyrohalli and Kommagatta, clean and plastic free.

The NSS volunteers divided the students into 2 groups, who worked on collection of plastics in nearby villages. Each group was headed by NSS volunteers and faculty. The session came to an end with a pledge by students and staff to maintain "Plastic free environment".

Bangalore-60 & Sanda



# POORNAYURDHAMA: 2 DAY NATURE CAMP







Dr. Anuradha









Dr. Anuradha. M Principal Padmashree Institute of Management & Sciences



### POORNAYURDHAMA: 2 DAY NATURE CAMP

14-12-2019 - 15-12-2019

"Poornyayurdhama is a place where Poornayu Ayurveda Centre is established for the benefit of both urban and rural communities. All kind of general and chronic disease are treated here by Ayurvedic expert Doctors." Poornyayurdhama organized two-day Nature camp in association with Adamya Chethana and Vibhu foundation. Students from Padmashree Institute of Management and Sciences were volunteers (25 students) for this program.

2 days Nature Camp held on 14th and 15th December in Poornayurdhama in association with Adamya Chetana & Vibhu Foundation. In two days, first day was on Life style Education program including yoga and some lecturers from on Maharaj ji and Ayurveda lecture and demonstration from an Ayurveda doctor Dr. Murli.

Second day was "Green Sunday" celebration including environment awareness program & planting of medicinal and other plants. Planting of different medicinal and others plants were followed by some awareness program by delivering speeches from leaders of some foundation about environment like how reduce waste, how reuse waste etc. Students of our college participated in planting trees, and medicinal plants and giving awareness to public.

# **Program Summary**

Poornyayurdhama is a place where Poornayu Ayurveda Centre is established for the benefit of both urban and rural communities. All kind of general and chronic disease are treated here by Ayurvedic expert Doctors." Poornyayurdhama organized two days (14-15, December, 2019) Nature camp in association with Adamya Chethana and Vibhu foundation.

Students of PIMS participated as volunteered in this program. They helped the program coordinators in organizing the program, in planting saplings and medicinal plants . Further, the program was concluded formally with a vote of thanks by thanking all the organizers, teachers and participants for making the program a success.

Bangalore-60 \* \$9000

Dr. Anuradha. M Principal Padmashree Institute of Management & Sciences

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# Awareness Programme on Air and Water Pollution 24-07-2022

Organization committee	Organized by NSS committee, PIMS
	Dr. Anuradha M.
	Dr. Thammaiah
	Mrs. Shruthi A.M.
	Ms. Greeshma
	Ms. Mahalakshmi
Participants	55

### **Program Schedule**

Date	Time	Program
24-07-2022	10.30 AM to 11.30 AM	Kommaghatta village visit
	11.45 AM to 12.45 AM	Govt. School, Kommaghatta

ಪೆಂಗಳೂರು ಪಕ್ಷಣ ತಾಲ್ಲೂಕು ಪಂಜಾಯಿತಿ ಪೆಂಗಳೂರು ಪಕ್ಷಣ ತಾಲ್ಲೂಕು ಪಂಜಾಯಿತಿ ಸೂಲಿಕೆರೆ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ ಕಾರ್ಯಾಲಯ ಸೂಲಿಕೆರೆ, ಸೂಲಿಕೆರೆ ಅಂಜೆ, ಕೆಂಗೇರಿ ಹೋಬಳಿ, ವೆಂಗಳೂರು ಪಕ್ಷಣ ತಾಲ್ಲೂಕು ಸೂಲಿಕೆರೆ ತಂಡೆ, ಕೆಂಗೇರಿ ಹೋಬಳಿ, ವೆಂಗಳೂರು ಪಕ್ಷಣ ತಾಲ್ಲೂಕು

Certificate of Appreciation

This is to appreciate Padmashree Institute of Management Sciences for their contribution towards creating awareness on air and water pollution on 24th July 2022 at Government Primary School Kommagatta, Kengeri, Bangalore. We are thankful and appreciate for the green initiative rendered by the institute.

Pancheyath Desagningly Office Desagning Spillson Village Panchayath



Dr. Anuradha. M

Principal
Padmashree Institute of
Management & Sciences



# Photo Gallery: Awareness Programme on Air and Water Pollution















## **Program summary**

On 24th July 2022, the NSS unit of Padmashree Institute of Management and Sciences organized an awareness program on air and water pollution as a part of their NSS activity. Dr. Thammaiah R.B. and Dr. Nethra S., accompanied the 1st year undergraduate students to Kommaghatta village to create awareness among the local community and school children about the importance of keeping their surroundings healthy.

The team arrived at the village at around 10:15 am and visited Kommaghatta lake to educate the locals about water pollution and how to prevent it. They emphasized the need to keep the water bodies clean and free from pollutants. From 10:30 am to 11:30 am, the volunteers interacted with the people nearby the lake, educating them about the consequences of water pollution and the steps to be taken to prevent it. From 11:45 am to 12:45 am, the team visited a government school in Kommaghatta to create awareness among the students about air and water pollution. They emphasized the need to maintain a clean and healthy environment, and encouraged the students to take small steps towards creating a pollution-free future.

The program was successful in creating awareness among the local community and students about the importance of maintaining a clean and healthy environment. It was a positive step towards creating a sustainable and pollution-free future for all.

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Dr. Anuradha. M Principal Padmashree Institute of Management & Sciences

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# Single use plastic awareness and household waste management program at Kommaghatta School

Event	Extension activity	
Date	27-07-2022	
Participants	33 Students of B.Sc. IV semester Clinical Nutrition and Dietetics Department	
Place of Activity  Primary school, Kommaghatta village, kommaghatta Kengeri Hobli , Bangalore.		

#### School visit

On 27<sup>th</sup> July 2022, students of B.Sc. Clinical Nutrition and Dietetics 4<sup>th</sup> semester conducted awareness program at Kommaghatta School. The topics selected were, single use plastic awareness and household waste management. 6<sup>th</sup> and 7<sup>th</sup> standard children were selected for the program.

**Single use plastic awareness:** Students discussed the harmful effect of plastic and how they can reduce the usage of plastic

**Household waste management:** Students discussed the importance of waste segregation, how to recycle things and how wet waste is used to make compost.

# Certificate of Appreciation from Suilikere Grama Panchayat





Photo Gallery: Single use plastic awareness and household waste management program at Kommaghatta School





Students of Kommaghatta School

Bangalore-60







# Students discussing the topics with children





Austhall

Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences









#### Program summary

On July 27th, 2022, B.Sc. Clinical Nutrition and Dietetics students from the 4th semester conducted an awareness program at Kommaghatta School. The program was aimed at educating 6th and 7th standard students about two important topics - single-use plastic awareness and household waste management.

During the single-use plastic awareness session, the students discussed the harmful effects of plastic on the environment and ways in which they could reduce their usage. They highlighted the fact that plastic is not biodegradable and can take hundreds of years to decompose. The students also explained how plastic waste is polluting our oceans, harming marine life, and affecting our food chain. They suggested some practical tips such as using reusable bags, water bottles, and straws to reduce the use of single-use plastic.

In the second session on household waste management, the students discussed the importance of waste segregation and explained how it can help in recycling and reducing the amount of waste that goes to landfills. They emphasized the importance of segregating waste into wet and dry waste and explained how wet waste can be used to make compost. They also shared some useful tips on recycling different types of waste such as paper, plastic, and glass. The awareness program was successful as the students from B.Sc. Clinical Nutrition and Dietetics were able to effectively communicate the importance of reducing single-use plastic and managing household waste. The program was well-received by the 6th and 7th standard students who showed a keen interest in adopting the suggested practices in their daily lives.

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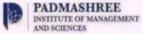


# WEBINAR ON SUSTAINABLE URBAN WASTE MANAGEMENT

ON 20TH JUNE 2020 @ 09:30 AM

Jointly Organised by

RESEARCH CELL, DEPARTMENT OF LIFE SCCIENCES, PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BANGALORE







### **Resource Persons**

Presidential Address



Mr. Satish Chairman, Padmashree Institute of Management and sciences, Bengaluru



Waste is our responsibility, ways to reduce and recycle household waste in urban living



Ms. Vani Murthy
Founding Member, Solid Waste
Management Round Table (SWMRT),
We Care for Malleswaram and Clean
Green Workshops, Bengaluru

Practices to Convert and Recycle Household Organic Matter into Black Gold Compost



Dr.Rajendra Hegde founder member of Garden City Farmers (GCF), Co-founder and Chairman at Biological Research Innovation Centre and Solutions LLP (BRICSLLP),Bengaluru

Pre-register and join the group



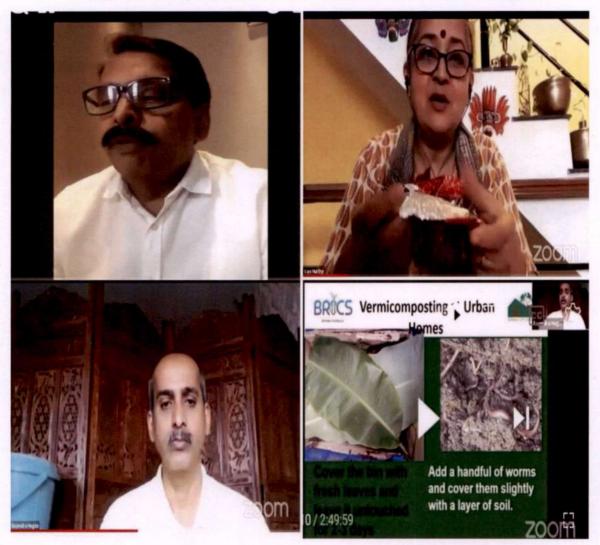
REGISTRATION LINK
https://forms.gle/f3nuu
8rjxoynKqga6

E-Certificates will be provided to the participants who attends webinar till the end

website: www.pims.org.in



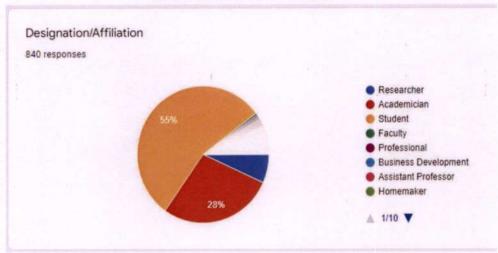
# Photo Gallery Webinar: Sustainable Urban Waste Management







### REGISTRATION RESPONSES



Bangalore-60 \* seove



#### WEBINAR: SUSTAINABLE URBAN WASTE MANAGEMENT

DATE: 20th June 2020 at 09:30AM

# Padmashree Institute of Management and Sciences, Bangalore Online Platform: ZOOM & YouTube live stream

https://youtu.be/jnv\_R17MYsM

Time	Topic	Speakers
9.30-10.00	Presidential address	Mr. Satish, Chairman, PGI
10.00-11.00	Waste is our responsibility, ways to reduce & recycle the household waste in urban living	Ms. Vani Murthy
11.00-11.10	Discussion & interaction with students.	
11.15-12.15 Practices to convert & recycle household organic matter into black gold compost		Dr. Rajendra Hegde
12.15-12.30	Discussion & interaction with students.	

#### SUMMARY OF THE PROGRAM

The webinar titled "Sustainable Urban Waste Management" was organized by Padmashree Institute of Management and Sciences on 20th June 2020. The program was open to the public. There were more than 800 registration for the program and more than 600 participants obtained the benefits. Urban waste management is the key to the secular future. It entails the entire system of collecting, sorting, treating, utilizing and ultimately disposing of waste, and when properly facilitated it can provide a source of energy and resources, while significantly reducing pollution. The environmental impacts of the construction industry can be reduced through sustainable waste management (SWM). Speakers discussed the best way to manage urban waste. Towns and cities generate huge volumes of waste that are often disposed of as landfill. Our eminent speakers explain that sorting urban waste into organic and inorganic streams, which can be turned into energy and fertilizer, offers a much more efficient and environmentally friendly solution. The webinar was very useful. The organizers thanked all the speakers and participants for making the event a grand success.





# **Programs conducted on Nutritional Awareness**

# Nutrition Counselling in Medical Camp Organized by BBMP

Event	Extension program
Date	09-03-2019
Title	Nutritional counselling in Medical Camp
Organized by Bruhat Bengaluru Mahanagara Palike (BBMP)	
Number of participants	8

## Programme Summary

"The Bruhat Bengaluru Mahanagara Palike organized a medical camp in Basavanagudi, Bangalore. The students of B.Sc. Clinical Nutrition and Dietetics (CND) from Padmashree Institute of Management and Sciences set up a free health camp and nutritional counseling booth. They provided nutritional counseling to patients with lifestyle-related disorders.

Dr. Aswath Narayan and Mr. Ravi were the honored guests of the event and visited the booth to interact with the students. The students counseled approximately 80 people during their visit. They educated the visitors about various lifestyle disorders that arise due to a lack of nutrients and stressed the importance of eating a healthy, nutrient-rich diet for overall health. The students also discussed the significance of eating at the right time and gave a brief overview of mindful eating.

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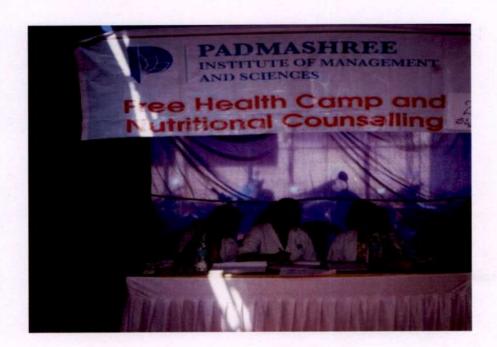
Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences

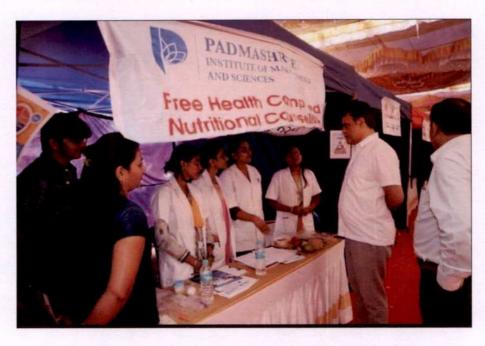
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## **Programs conducted on Nutritional Awareness**

Nutrition Counselling in Medical Camp Organized by BBMP





Dr. Ashwath Narayan Honorable Deputy Chief Minister of Karnataka visited the stall and interacted with our students

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Students displayed foods belonging to different food groups to educate people about the concept of balanced diet



Students guiding the people visiting the stall enquiring the health status and interacting regarding healthy eating

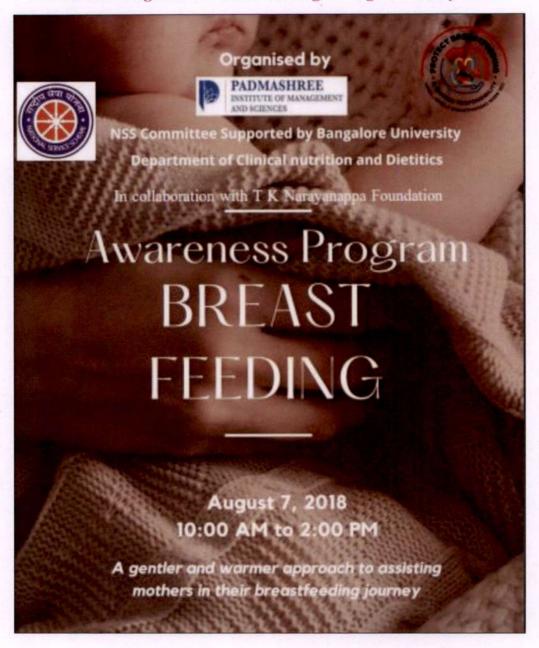


Dr. Anuradha. M

Padmashree Institute of Management & Sciences



# Awareness Program on Breast Feeding at Anganwadi, Byrohalli





## Awareness Program on Breast Feeding at Anganwadi, Byrohalli

# Program schedule

Event	Extension activity
Date	07-08-2018
Organized by	NSS, PIMS
Participants	25 students, NSS volunteers, faculties, 20 women
Event	Breast Feeding Week 2018

## **Program Summary**

The awareness program aimed to educate and raise awareness about the benefits of breastfeeding for both the mother and the child. The students emphasized the importance of breast milk as a complete source of nutrition for the baby and the various benefits it provides, such as improved immunity and reduced risk of certain diseases. They also cleared any doubts or misconceptions the women had about first milk (colostrum) and the importance of exclusive breastfeeding for the first six months of a baby's life. The students' efforts were successful in spreading awareness and promoting the importance of breastfeeding in the local community.

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Posters made by our students









Students interacted with mothers and educated mothers about feeding nutritious food to children



Students interacting with children and making them to learn about healthy foods









Group photos of students with mothers and children

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Anthropometric measurements and nutritional awareness for staff and children of primary school, Hosabyrohalli





Students measuring the height and weight of children

Bangalore-60







Students explaining about the portion size of foods to be consumed and nutrients present in them to staff of the school and to the children.

> Amdlerly Dr. Anuradha. M Principal



# National Nutrition Week: September 1<sup>st</sup> – 7<sup>th</sup> 2019 Awareness on "Eat Right" at, Govt. School of Halebyrohalli

Event	Extension program
Date	1 <sup>st</sup> - 7 <sup>th</sup> 2019
Title	National Nutrition Week

# **Program Schedule**

Day	Details
03-09-2019	All the activities planned based on theme
	Tuesday 3.30 pm – 4.30 pm
	Cooking competition- Cooking without fire
04-09-2019	Wednesday 11.30 am – 12.30 pm
	Awareness session in Govt. School, Halebyrohalli
	3.30 pm – 4.30 pm
	Pick and Speak competition
05-09-2019	Thursday 3.30 pm – 4.30 pm
	Models / Chart exhibition competition
06-09-2019	Last Two days National Seminar on account of Nutrition week
	Friday Morning session: Guest talks - 2 talks
	Afternoon session: Poster presentation
	Quiz competition
07-09-2019	Saturday Morning session: Guest talks - 2 talks
	Afternoon session: Awareness campaigns in the form of skit,
	drama, mime by our students.
	Prize distribution and Valedictory



## Resource person/s



Name: Dr. M. N Usha

Designation: Professor (Retd)

Affiliation: Smt. VHD institute of Home Science, Bangalore



Name: Dr. Anuradha M.

Designation: Principal

Affiliation: Padmashree Institute of Management & Sciences and

Research



Name: Dr. Bhavana

Designation: Renal Nutritionist

Affiliation: Department of Nephrology,

St.John's Research Institute and Hospital,

Bangalore



Name: Usha Manjunath

Designation: Professor and Director

Affiliation: Indian Institute of Health management and Research,

Banglore



Name: Dr. Priyanka

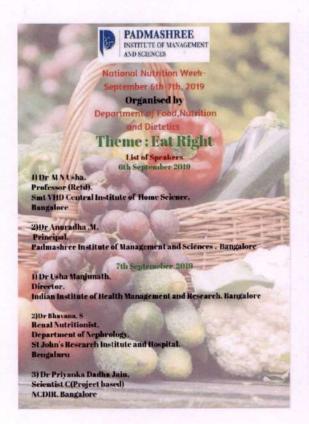
Designation: Scientist 'C' (project based)

Affiliation: National Centre for Disease Informatics and Research

(ICMR), Bengaluru



# National Nutrition Week: September 1<sup>st</sup> – 7<sup>th</sup> 2019 Awareness on "Eat Right" at, Govt. School of Halebyrohalli









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Principal
Padmashree Institute of
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Dr. Anuradha. M
Principal
Padmashree Institute of













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Principal
Padmashree Institute of
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From 3<sup>rd</sup> September everyday last hour of afternoon sessions was scheduled for competitions in which studentsparticipated actively











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Dr. Anuradha. M
Principal

Padmashree Institute of Management & Sciences



#### **Program Summary**

The National Nutrition Week program organized by the Padmashree Institute of Management and Sciences was successful in raising awareness about the importance of a healthy and nutritious diet. The program provided an opportunity for students to interact with experts and gain new insights and knowledge in the field of Nutrition and Dietetics. In addition, On September 4th, 2019 the students visited a government school in Halebyrohalli to educate the children on the importance of healthy eating. Various competitions such as poster making, slogan writing, healthy recipe making, and quiz competition related to nutrition were organised. These competitions gave the students an opportunity to showcase their creativity and knowledge about nutrition. Overall, the program was successful in promoting a healthy and nutritious lifestyle, particularly among the younger generation.

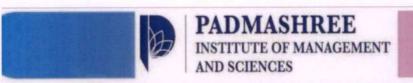
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Padmashree Institute of Management & Sciences





Dept. of Clinical Nutrition and Dietetics

owing to



# World Breastfeeding Week- 2019

is organizing competitions for students The theme is

# EMPOWER PARENTS ENABLE BREASTFEEDING

# LIST OF COMPETITIONS

- POETRY- ENGLISH/HINDI/KANNADA
- VIDEO/DOCUMENTARY- 5 minutes
- ARTICLE 150 WORDS

All entries are to be sent through email with name, course, semester, college name to one of the below mentioned mail id on or before 5th August 2019

Email id

shubagsl@gmail.com shilpasept@gmail.com

charishma peddireddy@gmail.com

The best will be awarded with prize and participation certificate is given to all participants



## World Breast Feeding Week Program - 2019

## Program schedule

Date	06-08-2019
Organizer	NSS, PIMS
Participants	25 students, NSS volunteers, faculties , 15 women
Occasion	Breast Feeding Week 2019

Padmashree Institute of Management and Sciences organized the World Breast Feeding Week Program – 2019 which is celebrated from August 1<sup>st</sup> to August 7<sup>th</sup> every year all over the globe. The main objective of the World Breastfeeding Week program was to create awareness about the importance of breastfeeding and its benefits for both mother and the baby. The events were well received by the students and staff members, who actively participated and showed great interest in learning more about this crucial aspect of child care and nutrition. The program was concluded successfully with a lot of learning and takeaways for the participants. The expert talks, poetry competition, documentary and article writing events helped the students and staff to gain a deeper understanding of the importance of breast feeding and its role in providing optimal nutrition to the newborns.

The women were also educated on the correct techniques of breastfeeding and the benefits of exclusive breastfeeding for the first six months of the baby's life. The students also distributed handouts containing information on proper nutrition and the importance of breastfeeding for the health of both the mother and the baby. The program was well received by the women and they were grateful for the knowledge imparted to them by our students.

#### **Program Summary**

The program organized to celebrate World Breast Feeding Week was successfully utilized by B.Sc. Clinical Nutrition and Dietetics students to create awareness in other students and staff of our institution. Also, the awareness program conducted in the Anganwadi was very effective in educating pregnant women and lactating mothers. The importance of proper nutrition to the mother and the infant was explained in a very simple way to make sure that the women can understand. Students were very happy to interact with the women and the kids and the feedback received from them was very positive. The program was well received by the women and they expressed their gratitude to the students and the institution for creating such a platform to educate them. Overall, the World Breastfeeding week program was a great success in terms of creating awareness and educating the masses about the importance of proper nutrition and breastfeeding.





Photo gallery: World Breast Feeding Week Program - 2019









# NATIONAL LEVEL SEMINAR ON NUTRITION STRATEGY FOR A ZERO HUNGER WORLD

Padmashree Institute of Management and Sciences, Bangalore

Date	16-10-2019 - 17-10-2019
Speaker	Dr. KK Narayanan- Kottaram Agrofoods
	Dr. BV Venkateshaiah- Dairy Science College
	Dr. Sathish Gowda N- University Law College, Bengaluru
	Dr. Usha Raveendra- GKVK, Bengaluru
	Dr. G. Jyothi- NIPCCD, Sothern Regional Centre, Bengaluru
	Dr. M. Anuradha, Principal, PIMS, Bangalore

#### Resource Person/s



Name: K.K. Narayanan

Designation: Founder-Chairman of a fast-growing food

technology enterprise

Affiliation: Kottaram Agrofoods



Name: Dr. B.V. Venkateshaiah

Designation: Former Dean

Affiliation: Dairy Science College



Name: Dr. Sathish Gowda N

Designation: Associate Professor

Affiliation: University Law College, Bengaluru





Name: Dr. Usha Raveendra

Designation: Professor

Affiliation: GKVK, Bengaluru



Name: Dr. G. Jyothi

Designation: Deputy Director

Affiliation: NIPCCD, Sothern Regional Centre, Bengaluru



Name: Dr. M. Anuradha

Designation: Principal

Affiliation: PIMS, Bangalore

# **Program summary**

On the occasion of World Food Day, national seminar on "Nutrition Strategy for a Zero Hunger World" was been organised by our college. There were six resource people, who delivered the talks on the strategies that we have to take to make zero hunger world, the speakers emphasized on maximum production, better nutrition, sustainable environment and a healthy life. Effective interactive sessions were conducted; pledge by all the participants was taken to create significance to make zero hunger world. Further, the program was concluded formally with a vote of thanks by thanking all the organizers, teachers and participants for making the program a success. Awareness program on reducing food wastage was conducted by student volunteers in Kommaghatta a nearby village.



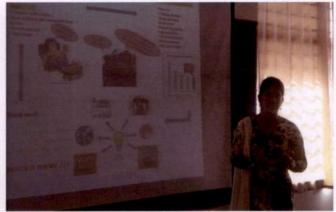






# Photo Gallery: Students explaining the poster designed by them







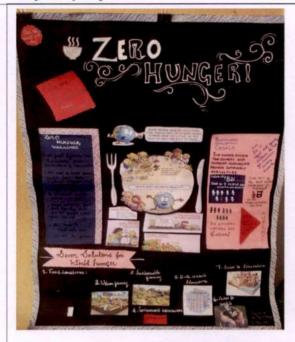


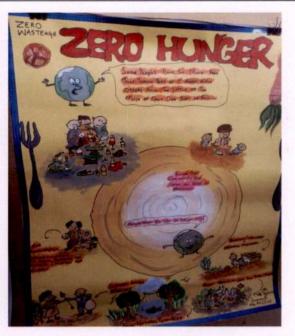














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Pledge by students and staffs with Shri. T. K. Narayanappa, Managing Trustee, Padmashree Group of Institutions, for zero hunger world



Student volunteers visited to nearby village and created awareness among children



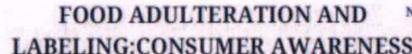




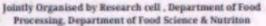


Dr. Anuradha. M
Principal
Padmashree Institute of
Management & Sciences





National Webinar and Virtual workshop

















11th June 2020 @ 10:00AM

Pre-register to get link on your mail E-Certificates will be provided to the attendees



Registration Link: https://forms.gle/VpwLSv4d wkHNfp66



At the end of webinar a link for Quiz will be shared. E-Certificates will be provided to the successful participants



### Resource Persons

## Capacity building in Consumers :To Choose Right Food



Mr P.Muthuraman Director, Food Safety and Standards Authority of India (FSSAI), Southern Regional Office, Chennal

#### Food Label Information to be noted by Consumers



Ms. Jitha.K.K Deputy Director, Food Safety and Standards Authority of India (FSSAI) Southern Regional Office, Chennai

# NetProFaN - Committed to safe food and healthy diets



Dr. A. Sundaravalli Head, Department of Home Science, Mount Carmel College, Bangalore Convener NetProFaN Karnataka Chapter

# https://forms.gle/VpwLSv4dj. Adulteration in Milk & Ghee: Issues & Challenges



Dr. Satish-Kulkarni P Vice President - Indian Dairy Association, New Delhi Legal Adviser & Food Regulatory Consultant

#### **Presidential Address**



Dr Anuradha M Principal Padmashree Institute of Management and Sciences, Bangalore

# Virtual demo on Detection of Food adulterants and labelling

By students - Food department, Padmashree Institute of Management and Sciences

website: www.pims.org.in



# National seminar

# FOOD ADULTERATION AND LABELING - CONSUMER AWARENESS

Date	11-06-2020	
Speaker	Dr. Sundaravalli , FSSAI Initiatives to choose right food	
	Mr. P. Muthuraman, Director- FSSAI, South region	
	Ms. Jitha K. K. Deputy Director Food Safety and Standards Authority of India (FSSAI) Southern Regional Office, Chennai	
	Dr. Sathish kulkarni, Former head, NDRI and founder partner- dairy skills and food quality academy	
No. of Participants	426	
Online platform	Zoom link: https://zoom.us/j/96005970597?pwd=S3cwSUFLSFVudjFNdk9IVTBRUWtUZz09	

# **Program Schedule**

Time	Speaker
10:00 – 10:05 am	Presidential address by
	Dr. M. Anuradha
10:05 – 10:10 am	Briefing the activities of NetProFan-
	Dr. Sundaravalli
10:10 am – 10:30 am	FSSAI Initiatives to choose right food
	Mr. P. Muthuraman
	Director- FSSAI, South region
10:40 – 11:10 am	Import clearance and labelling of food Products.
	Ms. Jitha K. K,Deputy Director Food Safety and Standards
	Authority of India (FSSAI) Southern Regional Office,
	Chennai
11:15 am – 12:00 pm	Adulteration in milk and ghee : issue and challenges
	Dr. Sathish kulkarni, Former head, NDRI and founder
	partner- dairy skills and food quality academy
12:00 pm – 12:15 pm	Virtual video on Detection of Food adulteration by M.Sc
	Food And Nutrition second year students.
12:15 pm - 12.30 pm	Discussion with speakers
12:30 pm	Vote of thanks
	Dr. M. S. Saradha Devi



# Resource person/s



Name: P Muthumaran,

Designation: Director

Affiliation: Food Safety and Standard Authority of India,

Southern Region



Name: Ms. Jitha.K.K,

Designation: Deputy Director

Affiliation: Food Safety and Standards Authority of India (FSSAI)

Southern Regional Office, Chennai.



Name: Dr. Sundaravalli

Designation: HOD, Dept. of Home Science

Affiliation: Mount Carmel College



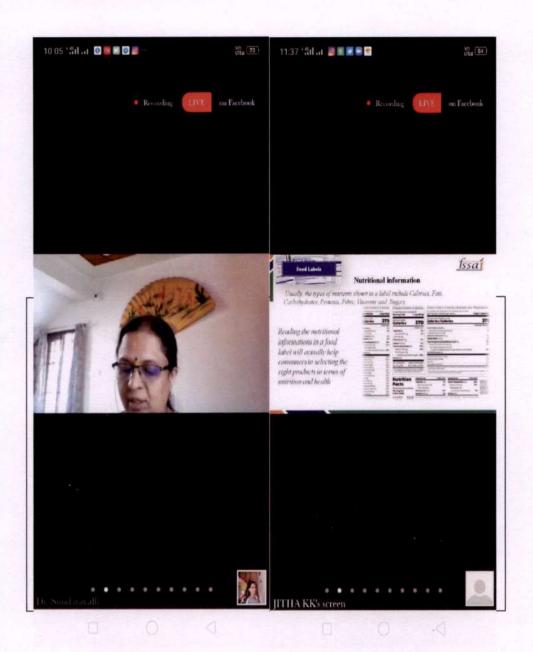
Name: Dr. Sathish Kulkarni

Designation: Vice president

Affiliation: Indian Dairy Association, New Delhi

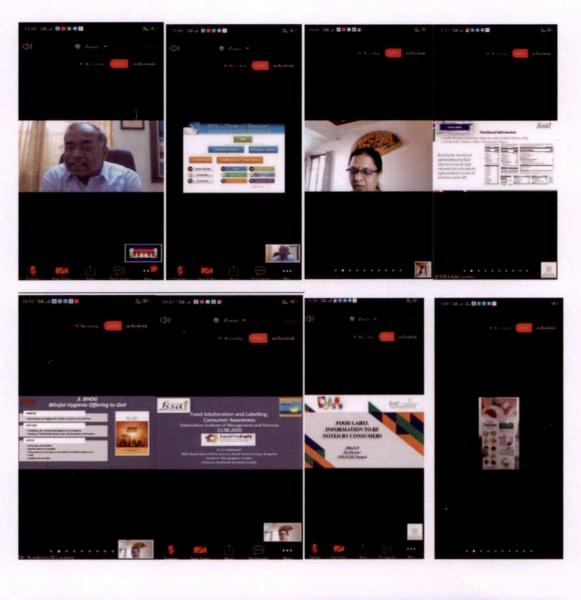


## Photo Gallery: Glimpses of the webinar







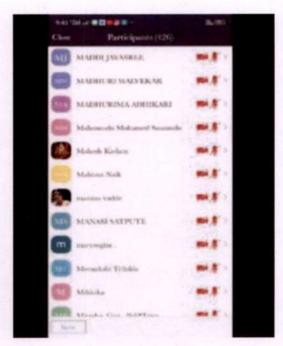






















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# Certificate of Participants









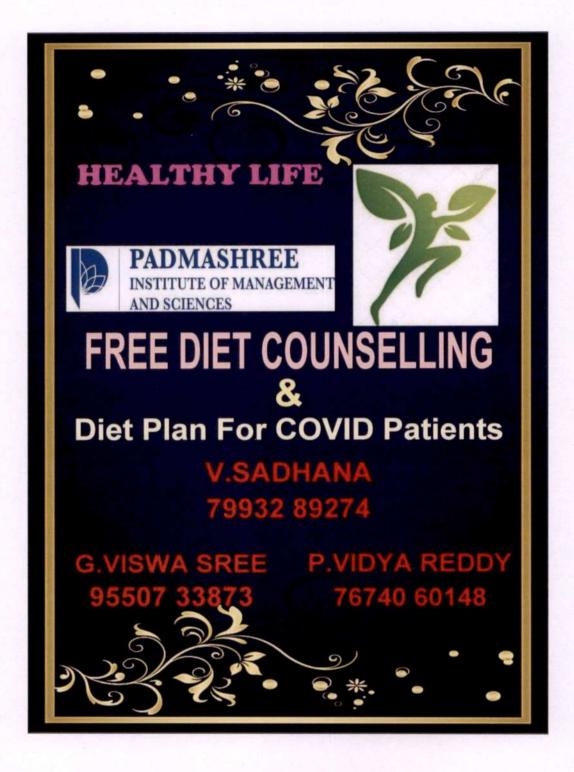
## **Program Summary**

National Webinar titled "Food Adulteration and Labelling: Consumer Awareness" and Virtual Workshop were organized by Padmashree Institute of Management and Sciences on 11-06-2020 at 10:00 am. The resource persons, Mr. P Muthuraman. Ms. Jitha K. K, Dr. A. Sundaravalli, Dr. Satish Kulkarni P mainly delivered talks on food adulteration and labelling. The topics included how to choose right food, food label information that has to be noted by everyone, safe and healthy diet, adulteration in milk and ghee. Students also participated in the program and PG Second year Food and nutrition students demonstrated the procedure to identify adulteration in different foods. Further, the program was concluded formally with a vote of thanks by thanking all the organizers, teachers and participants for making the program a success.





# Diet counseling for Covid patients





### Diet counseling for Covid patients

### Summary

The students of M.Sc Clinical Nutrition and Dietetics, conducted online diet counselling during COVID-19. The students Sadhana, Vidhya Reddy and Viswasri of M.Sc Clinical Nutrition and Dietetics have participated in this community outreach program voluntarily to serve the people infected from corona virus. The patients who were inhome isolation and hospitalized were given dietary tips. Nutrition is given equal importance as treatment during COVID. Students have circulated the brochure created by them on social media. They have shared google form to collect the informationregarding their health conditions and nutrition status.

Students were appreciated for their effort in helping COVID patients. The students have communicated their nutrition tips and advised the patients. Nutrition counselling was very effective and patients were benefited by this community outreach program

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Dr. Anuradha. M Principal Padmashree Institute of Management & Sciences

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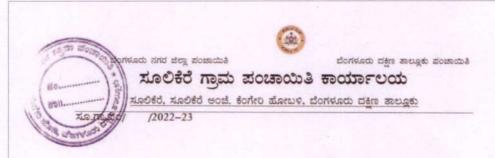


# NUTRITON ASSESSMENT AND NUTRITION EDUCATION AT SULIKERE GOVT PRIMARY SCHOOL

Event	Nutrition Assessment and Education at Sulikere Govt Primary School	
Date	08-07-2022	
No of participants	28	
Place of activity	Sulikere village	

### **School Visit**

Students of B.Sc. Clinical Nutrition and Dietetics conducted nutrition assessment and nutrition education in Sulikere village government school as a part of their curriculum



### **Certificate of Appreciation**

This is to acknowledge Padmashree Institute of Management Sciences for conducting nutritional educational program on 8th July 2022 at primary school students of Sulikere villageKengeriBangalore. The outreach and services rendered by the institute is appreciated.

Panchayath Development Officer
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Certificate of Appreciation from Sulikere Grama Panchayath

Dr. Anuradha. M

Principal
Padmashree Institute of
Management & Sciences



### **Program Summary**

The nutrition intervention program aimed to promote healthy eating habits among children. The program started with an introductory session, where rapport building was a crucial aspect to make the children feel comfortable and familiar with the program facilitators. To break the ice and make the children more relaxed, games were organized, such as the "passing the ball" game. The children who lost were made to dance and then were subjected to a nutritional assessment.

The nutritional assessment was conducted in three stages, which included anthropometric measurement, clinical examination, and dietary assessment. The aim of the assessment was to gather information about the children's physical and dietary habits, which would help in planning the nutrition education program.

After the assessment, the nutrition education program was conducted, where charts were used to convey important messages about healthy eating habits. To make the information more engaging and memorable for the children, a skit was performed on the topic of "healthy food vs. unhealthy food." The skit helped to drive home the message in a more interactive and enjoyable manner for the students.

In conclusion, the nutrition intervention program was successful in promoting healthy eating habits among children. The children were given bananas and crayons as a token of gratitude for their participation, which made them feel appreciated and valued. By conducting such programs, children can be encouraged to adopt healthy habits from a young age, which would benefit them in the long run.

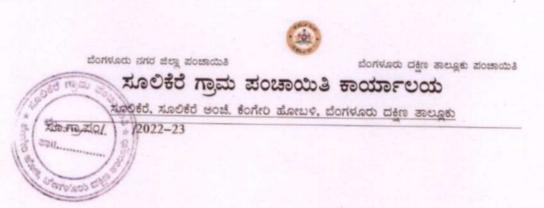
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### Anaemia Awareness Program

Event	Extension activity	
Date	26-07-2022	
Students	44 students of B.Sc. Clinical Nutrition and Dietetics VI Semester	
Place of activity At Sri Veereshwara Swamy High School Sulikere, Bar South, Kengeri Banglore -560060		

### Certificate of appreciation from Sulikere Grama Panchayat



### Certificate of Appreciation

This is to acknowledge Padmashree Institute of Management Sciences for conducting Anaemia awareness programmeon 26<sup>th</sup> July 2022 at Sri Veereshwara Swamy High School Sulikere, Bangalore South, Kengeri. The outreach and services rendered by the institute is appreciated.

Panchayath Development Officer

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# Anaemia Awareness Program

### Photo gallery:

Students explaining the importance of eating nutritious food to combat anaemia







### **Program Summary**

As part of an extension program, B.Sc. Clinical Nutrition and Dietetics students from Padmashree Institute of Management and Sciences, in their 6th semester, conducted a seminar on anaemia and menstrual hygiene at a high school in Sulikere, Bangalore. The program was aimed at raising awareness among young girls about the increasing prevalence of anaemia and the importance of menstrual hygiene.

The program began with a question-and-answer session to assess the students' prior knowledge on the topics. The first session was focused on anaemia, where the students explained the signs, symptoms, consequences, and treatments for the condition. They used charts and presentations to make the session easy to understand.

The second session was focused on menstrual hygiene. The students used various techniques, such as animation videos, to educate the girls about menstrual hygiene and help them understand the unhealthy actions they face during their menstrual cycle. They also taught the girls about nutrition required for combating menstrual problems.

The program concluded with a discussion round where the girls were allowed to ask questions and clarify any doubts. This helped the students in better understanding the importance of basic knowledge about health and the body.

Overall, the program was successful in raising awareness among the girls about anaemia and menstrual hygiene. The seminar not only helped in educating the girls but also provided a platform for them to ask questions and clarify their doubts, making the program a success. The students gained valuable experience in organizing and presenting information, while the girls gained a better understanding of these important topics.

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### **Community Awareness Programme on**

### **Healthy Cooking Practices**

### Organised by Padmashree Institute of Management and Sciences

Event	Extension Activity	
Date	27-07-2022	
No of Participants	40	
Place of activity	Padmashree Institute of Management and Sciences	
Beneficiaries	ficiaries Women of Hosabyrohalli Village, Kengeri Hobli, Bangalore	

### **Program Schedule**

Date	Time	Program
27-07-2022	11:30 AM	Welcome speech and introduction to the event by
		Ms. Disha
	11:45 AM- 1.00 PM	Awareness about healthy cooking practices by
		Ms. Sushmitha,
		Ms. Mamtha,
		Ms. Chandrika,
		Ms. Keerthana,
		Ms. Parinitha,
		Ms. Yashaswini
		Ms. Ramla

### **Program summary**

The program was held on 27th July, 2022 and focused on "Healthy Cooking Practices" for village women. The students of M.Sc. 2nd year Clinical Nutrition and Dietetics and Food and Nutrition gave subjective and theoretical knowledge to the women about the topic. They explained various cooking techniques such as pressure cooking, roasting, blanching, poaching, soaking and sprouting, grilling, baking, steaming, boiling, and fermentation. The program started with an introduction to the topic and included practical demonstrations by the students. The women were questioned about their current cooking practices and the students explained the advantages and disadvantages of different cooking techniques. The program was successful in raising awareness and educating the community about the importance of healthy cooking practices. The program received positive feedback from the women, and it was especially helpful that the session was conducted in the local language for better understanding. Overall, the community awareness program was a success in providing valuable information and promoting healthy cooking practices. Dr. Anuradha. M Jule of Manag

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# Community Awareness Programme on

# **Healthy Cooking Practices**

Photo gallery: Students creating awareness on healthy cooking practices







### **Nutrition Counselling Community Outreach Program**

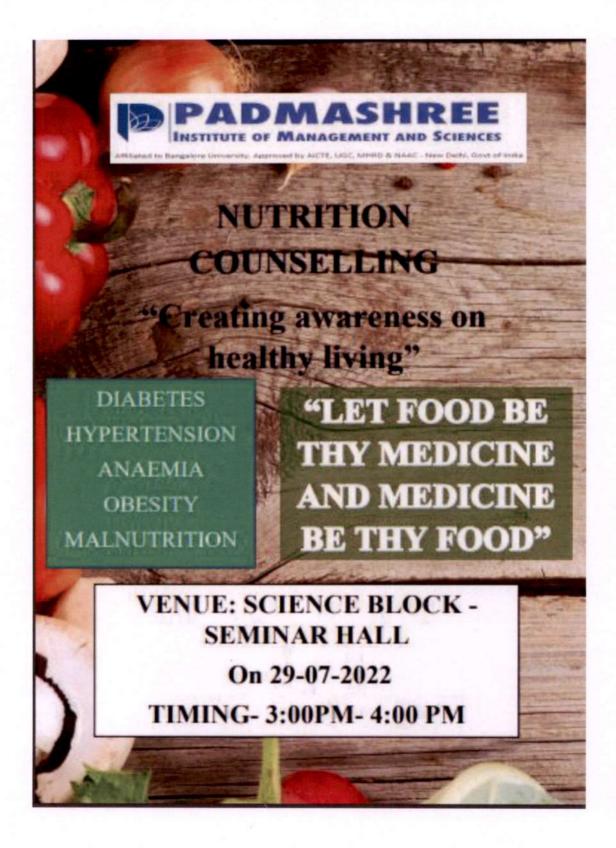




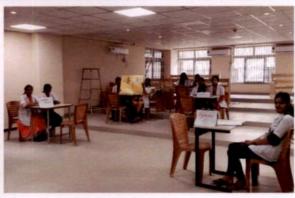
Photo gallery: Students counselling and providing nutrition education to staff and other people of the local community















### **Nutrition Counselling Community Outreach Program**

### Organized by Padmashree Institute of Management and sciences

Event	Extension program
Date	29-07-2022
No. of Participants	M.Sc. CND (Clinical Nutrition and Dietetics) and
	M.Sc. F&N (Food and Nutrition) – 45 students
Beneficiary	Women of Hosabyrohalli, Staff of Padmashree group of
	Institution
Place of Extension	Seminor hall, Padmashree Institute of Management and
program	Sciences

### **Program Summary**

The nutritional counselling community outreach program was organized by the M.Sc. CND and F&N students along with the faculty members of Padmashree Institute of Management and Sciences on 29-07-2022. The program aimed to provide nutritional counselling to the staff members of the campus and women from Hosabyrohalli village who were facing health issues like hypertension, diabetes, overweight and obesity, thyroid, dyslipidemia, cardiovascular diseases, and gastrointestinal tract disorders. The health issues were analyzed based on various tools and assessments like screening tool, nutritional assessment tool, height and weight measurement, BMI estimation, and fat accumulation measurement using skin-fold thickness tool. The students provided nutritional counselling based on the assessment to the faculty members, which was helpful in keeping track of their health. The program was a good opportunity for the students to collaborate and serve the community in maintaining good health. The program maintained basic etiquette during and after the counselling.

Bangalore-60



# LIST OF STUDENT'S PROJECTS BASED ON NUTRITION AND NUTRACEUTICALS- 2021-2022

### B.Sc. Clinical Nutrition and Dietetics: 6th semester

Nutraceutical products Available in market

Survey to check whether nutritional requirements of college students are met or not

Survey on dietary habits among college students

RB bites for paediatrics and geriatrics

Nutritional supplements during breast feeding

Food product development by using seed cycle method for PCOD

Survey on dietary and sleeping habits of IT professionals

Survey on Iron Deficiency Anaemia in adolescent Girls

### B.Voc. Food processing and Nutraceuticals II Semester

Effect of soaking and germination on antinutritional factors in bajra millet

Development of fortified Wood Apple Muffin

Preparing fruit juice with high fibre content

### M.Sc. Microbiology IV semester

Non-alcoholic probiotic beverage

### M.Sc. Biotechnology IV semester

Comparative analysis of the effect of Guduchi and Rosuatatin as oxidative stress reducing drugs in *Drosophila Melanogaster* 

### M.Sc. Clinical Nutrition and Dietetics IV semester

Malnutrition during hospital stay in cancer

Assessment of protein intake in urban areas of Bangalore

Nutritional assessment among undergraduate students studying in PGI

Consumption pattern of prebiotics and probiotics and development of study materials

Nutritional assessment in specially challenged children and adolescents

An observational study of stress management induced lifestyle and dietary habits among college students

### M.Sc. Food and Nutrition IV semester

Study on nutritional knowledge of urban mothers

Bioprospecting of herbal industrial *Garcinia Cambogia* spent for proximate principles, total phenolic content, total flavonoids contents, antioxidant activity and product development

Evaluating doctors' nutritional knowledge and assessing their nutritional status

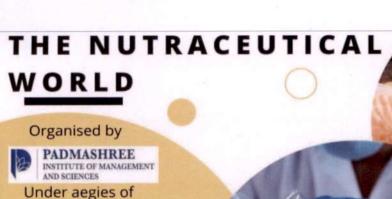
Development of nutraceutical enriched food product by using processed technologies of Proso millet

To study the dietary pattern and nutritional aspects in Ayush system of medicine in control of non-communicable diseases

Bangalore-60

Dr. Anuradha. M Principal Padmashree Institute of









- Certificates only for paid Participants
- For Payment: contact 9513114756









Dr. Priya Rao Managing Director, Pelican Thermogenics Pvt Ltd, Kerala



**Dr. Prapulla SG** Rtd. Chief Scientist & Head CFTRI, Mysore



**Dr. Ravi Shankar**Professor, DSU, Bengaluru
Ex. Principal Scientist, CFTRI



01 ST - 08 TH FEB 2021

A virtual tour of Nutraceutical Industry



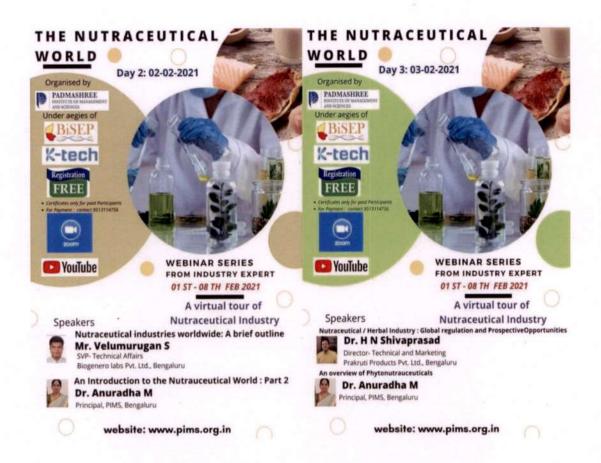
**Dr. Vasanth S**Co-founder & Director - BioMylz
Pvt. Ltd.



**Dr. Anuradha M** Principal, PIMS, Bengaluru

website: www.pims.org.in









# THE NUTRACEUTICAL

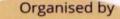
WORLD

Valedictory Function 09-02-2021@ 6.00 pm

**Guests of honour** Shri. T.K. Narayanappa Managing Trustee, PGI

Mr. Satish

Chairman, PGI





Under aegies of

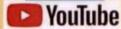




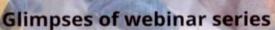


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Invocation song



Vedio of Posters

Presidential remarks

Prize announcements

Vote of thanks

WEBINAR SERIES

01 ST - 09 TH FEB 2021

website: www.pims.org.in

#### A virtual tour of Nutraceutical Industry Speakers



Mysore

Dr. H N Shivaprasad Director- Technical and Marketing

Prakruti Products Pvt. Ltd., Bengaluru

Dr. Priya Rao Managing Director,

Pelican Thermogenics Pvt Ltd, Kerala

Dr. Prapulla SG

Chief Scientist (Rt), Former Head, Dept of Microbiology and

Fermentation Technology CFTRI, Mysore

Dr. Ravi Shankar Professor, DSU, Bengaluru

Ex. Principal Scientist, CFTRI Dr. Irfan Shrieff Chief Scientific Officer,

Our special thanks to Mr. Aravind Ganessin

Managing Director Triphase Pharmaceuticals Pvt.Ltd., Dextrose Technologies Pvt.Ltd., CIFA, Regional research Centre, Bengaluru

Mr. Velumurugan S SVP- Technical Affairs Biogenero labs Pvt. Ltd.,, Bengaluru

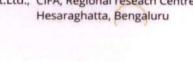
Ms. Priya M K Sr Vice President, Katra Phytochem, Bengaluru

Dr. Vasanth S Co-founder & Director BioMylz Pvt. Ltd., Bengaluru

Dr. Anuradha M Principal, BiSEP Co-Ordinator, PIMS, Bengaluru

> Dr. M.R. Raghunath Principal Scientist.(Rtd.), ICAR-







# Photo Gallery: Screenshots of the webinar







# WEBINAR SERIES: THE NUTRACEUTICAL WORLD

Under the aegies of BiSEP & K-tech.

Organized by Padmashree Institute of Management and Sciences, Bangalore

Webinar	
Date	01-02-2021 to 09-02-2021
Speakers	Mr. Velumurugan, Vice President, Biogenero Labs Pvt. Ltd. Dr. Anuradha M., Principal. PIMS Dr. H.N. Shivaprasad, M., Managing Director, Manipal Natural Pvt Ltd. Dr. Priya Rao, Managing Director, Pelican Thermogenics Pvt. Ltd MS. Priya M. K. Sr. Vice President, Katra Phytochem Dr. Prapulla S. G., Retd. Chief Scientist & Head, CFTRI Dr. Ravi Shankar G., Prof. Dayanand Sagar University, Bangalore. Dr. Vasanth S., Director, BioMylz Pvt. Ltd.
Event	Entrepreneurship programs
Online Platform	ZOOM & YouTube live stream <a href="https://youtu.be/DoZJG-u-jVg">https://youtu.be/DoZJG-u-jVg</a> , <a href="https://youtu.be/fJt18J9gKJw">https://youtu.be/fJt18J9gKJw</a> , <a href="https://youtu.be/U6wYy6Iap3Q">https://youtu.be/U6wYy6Iap3Q</a> , <a href="https://youtu.be/oOh2wAoXg-0">https://youtu.be/oOh2wAoXg-0</a> , <a href="https://youtu.be/OA3_1fbf4Yo">https://youtu.be/OA3_1fbf4Yo</a> , <a href="https://youtu.be/aM5sQPoFs0g">https://youtu.be/aM5sQPoFs0g</a>

# **Program Schedule**

Date	Topic	Speakers
01/02/2021	Introduction	
02/02/2021	Nutraceutical industries worldwide: A brief outline	Mr. Velumurugan
	An introduction to the nutraceutical world	Dr. Anuradha M.
03/02/2021	Nutraceutical/ Herbal industry: Global regulation and prospective opportunities	Dr. H N Shivaprasad
	An overview of phytonutraceuticals	Dr. Anuradha M.
04/02/2021	Nutraceuticals from animal origin	Dr. Priya Rao
	An overview of phytonutraceuticals: Part 2	Dr. Anuradha M.
05/02/2021	Nutraceuticals from animal origin: Part 2	Dr. Priya Rao
	Wellness and nutraceuticals	Ms. Priya M.K.
06/02/2021	Pro & prebiotics in human health: current scenario and future prospects	Dr. Prapulla S. G.
	Nutraceuticals from animal origin: Part 3	Dr. Priya Rao
08/02/2021	Nutraceuticals from algal source	Dr. Ravi Shankar G.
	Nutraceutical potential to foster well being	Dr. Vasanth K.
09/02/2021	Valedictory function	



### Resource person/s



Name: Mr. Velmurugan Shanmugham

Designation: Vice President,

Affiliation: Biogenero Labs Pvt. Ltd.

Phone No. 9972891187

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Name: Dr. Anuradha M. Designation: Principal,

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Email Address: pimsprincipal@gmail.com



Name: Dr. H.N. Shivaprasad, M. Designation: Managing Director,

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Name: Dr. Priya Rao

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Name: Ms. Priya M. K.

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Name: Dr. Prapulla S. G.,

Designation: Retd. Chief Scientist & Head,

Affiliation: Central Food Technological Research Institute, Mysore

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Name: Dr. Ravi Shankar G. Designation: Professor,

Affiliation: Dayanand Sagar University, Bangalore.

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Name: Dr. Vasanth S. Designation: Director,

Affiliation: BioMylz Pvt. Ltd, Karnataka

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Email address: vasanthsamaga@gmail.com

### **Program Summary**

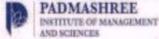
The program scheduled from 01/02/2021 to 09/02/2021 was focused on the nutraceutical industry and provided in-depth knowledge about nutraceuticals and entrepreneurship development opportunities in the field. First two days, the program began with an introduction to the nutraceutical world by Dr. Saradha Devi and Dr. Anuradha M. Then, Dr. H N Shivaprasad discussed the global regulation and prospective opportunities in the nutraceutical/herbal industry. During the following days, various speakers discussed different topics related to nutraceuticals, such as nutraceuticals from animal and algal sources, phytonutraceuticals, wellness, pro and prebiotics, and their potential to foster well-being. The program ended with a valedictory function, where students got a comprehensive understanding of the nutraceutical industry and the various entrepreneurship opportunities available.





SUPPORTED BY









@ 09:30AM - 04:30PM

NATIONAL SEMINAR



# THE NUTRACEUTICAL WORLD

BLENDED MODE

A Unique Program Meticulously Designed with Online and Offline
Lecture series, Practical sessions, Competitions and Virtual Industry Visits
Organized by Padmashree Institute of Management and Sciences &
Department of Botany, Govt. College (A), Anantapur, NAAC 'A' grade.





### NATIONAL SEMINAR ON "THE NUTRACEUTICAL WORLD"

Organized By Padmashree Institute of Management and Sciences, Bangalore
Sponsored By

Karnataka State Technology Association (KSTA)

Date	26.03.2022 to 30.03.2022
No of participants	150 students
Online Platform	Zoom And YouTube Live Stream
	https://youtu.be/9BlttD7u8LY

Nutraceuticals offer entrepreneurship opportunities for individuals interested in starting a business in the health and wellness industry. With an increasing demand for natural and organic products, nutraceuticals offer a vast market for entrepreneurs to explore. Starting a business in the nutraceutical industry can involve producing or distributing dietary supplements, functional foods, or natural health products. Entrepreneurs can focus on specific areas such as developing new products, improving quality control, or creating effective marketing strategies to reach customers. However, it's important for entrepreneurs to be knowledgeable about regulations and quality standards in the industry to ensure the safety and efficacy of their products. By understanding the opportunities and challenges in the nutraceutical industry, entrepreneurs can build a successful enterprise in this field.

# Resource person/s



Name: Dr. Anuradha M. Designation: Principal,

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Name: Dr. H.N. Shiva Prasad

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Affiliation: Manipal Natural Pvt Ltd,

Phone no: 8971489704

Email Address; shivaguru100@gmail.com



Name: Mr. Srinivas B.V.

Designation: CEO, Director of Someys Kitchen

Affiliation; Aspartica Pvt. Ltd.

Phone No: 9538730365

Email address: Srinivasan.v.bandlmori@gmail.com



Name: Mr. Sheriff

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Name: Dr. Srilakshmi

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Name: Mr. Velmurugan Shanmugham

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Affiliation: Biogenero Labs Pvt. Ltd.

Phone No. 9972891187

E-mail adress : astvel@gmail.com



Name: Dr. Usha Ravindra

Designation: Professor,

Affiliation: University of Agricultural Sciences, GKVK,

Bangalore

Phone No. 9480315345

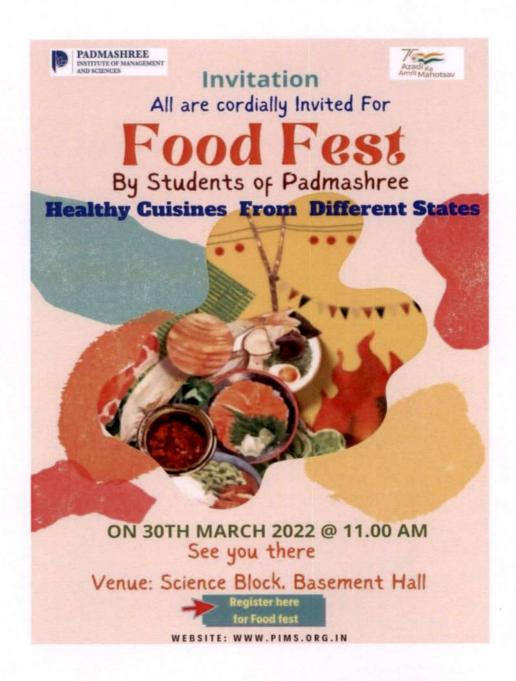
Email address: drusha227@gmail.com

# **Program Summary**

The "Nutraceutical World" seminar was organized by Padmashree Institute of Management and Sciences, Bangalore from 26-03-2022 to 30-03-2022. The seminar was sponsored by the Karnataka State Technology Association (KSTA) and aimed at promoting entrepreneurship development in the field of nutraceuticals. The seminar brought together experts, researchers, and industrialists to share their knowledge on the latest advancements in nutraceuticals, quality assurance, and control. A total of 150 students participated in various activities like preparing nutritious food, hosting a food fest, and participating in a quiz and essay writing competition related to food and nutrition.

Bangalore-60







# Photo gallery









Dr. Anuradha. M

Principal

Padmashree Institute of Management & Sciences























# Certificate of Participation

Proudly Presented To

Dr. Shilpa .P

For successful participation in the National seminar on "THE NUTRACEUTICAL WORLD"

organized by Department of Food, Nutrition & Dietetics
Padmashree Institute of Management and Sciences, Bengaluru,
Department of Botany, Govt. College, Anantapur, in collaboration with KSTA

26th-30th March 2022

神

Mr. Satish Chairman, PIMS dusdul

Dr. M. Anuradha Principal,PIMS Dr. Ramesh A M Chief Executive Officer, KSTA



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