



Central University of Haryana

Celebration of World Food Day and International Year of Millets 2023 & organization of SSR activity under HCSTC project on Hypovitaminosis D In association with Department of Nutrition Biology (School of Interdisciplinary and Applied Sciences) and Research and Development Cell (RDC) (Oct 19-20, 2023)

The Department of nutrition Biology in collaboration with Research and Development Cell conducted SSR activity under Haryana DST funded project as two days seminar cum workshop on intervention of millets based functional foods for the management of hypovitaminosis D. The event on 19-20th October, 2023 was inaugurated by honourable Vice Chancellor Prof Dr Tankeshwar Kumar and Dr Neeta Kumar, ICMR and Dr Shalini Gaur, ICAR delivered lectures on Vitamin D and Millets. Department of Nutrition Biology in collaboration with Research and Development Cell, CUH has organized Scientific Social Responsibility activity under HSCSIT funded project on Development of Vitamin D enriched functional food products for the management of hypovitaminosis D among adolescent girls of Haryana on 19-20th October, 2023. Two days National Seminar cum Workshop on Intervention of millets-based functional foods for the management of hypovitaminosis D” was organized on the occasion of World Food Day on the theme “Water is Life, Water is Food. Leave No One Behind” and International Year of Millets-2023. Prof. Tankeshwar Kumar (Vice-Chancellor), Prof. Sushma Yadav (PVC) and Prof. Neelam Sangwan (Director, Research and Development Cell) have appreciated the efforts of the department and Research and Development Cell for conducting these activities. The Co-chairpersons (Prof. Kanti Prakash Sharma; Head, Department of Nutrition Biology and Prof. Surender Singh; Head, Department of Microbiology) and convenors of the event (Dr. Anita Kumari and Dr. Ashwani Kumar, Department of Nutrition Biology) briefed that the two days event will be organized for the university students. The purpose of organizing the event is to aware the students about the prevalence and management of hypovitaminosis D and inclusion of millets in their regular diet. Through this event, the targeted audience will be sensitized about the importance of vitamin D and its role in the management of non-communicable diseases. Various lectures on different aspects of vitamin D deficiency will be delivered by eminent scientists viz., Dr. Neeta Kumar (Scientist-F), ICMR, New Delhi, Dr. Heena Yadav (Medical Officer, CUH) and Dr. Shalini Gaur Rudra (Senior Scientist), IARI, New Delhi. A workshop on “Quanti microlisa for estimation of 25(OH)D in human serum” will also be conducted. The students/scholars will also present their work on millets and related themes of the proposed event in the form of oral /poster presentation.



CENTRAL UNIVERSITY OF HARYANA

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)



SSR Activity under Haryana DST funded Project on Hypovitaminosis D to celebrate
WORLD FOOD DAY AND INTERNATIONAL YEAR OF MILLETS-2023

ON

Two days National seminar cum workshop on "Intervention of millets based functional foods for the management of hypovitaminosis D"

Organized By

Department of Nutrition Biology in Collaboration with Research and Development Cell, Central University of Haryana

16-17th October, 2023

Venue: Auditorium, Academic Block-I (10:00AM Onwards)

THEME

'Water is Life, Water is Food. Leave No One Behind'



CHIEF-PATRON

Prof. (Dr.) Tankeshwar Kumar
Vice-Chancellor, CUH



PATRON

Prof. Sushma Yadav
Pro Vice-Chancellor, CUH



CHAIRPERSON

Prof. Neelam Sangwan
Dean SIAS and Research
Director (R&D Cell), CUH



CO-CHAIRPERSON

Prof. Kanti Prakash Sharma
Head (Nutrition Biology)



CO-CHAIRPERSON

Prof. Surender Singh
Director (IQAC), CUH



SPEAKER

Dr. Neeta Kumar
Scientist-F
(ICMR, New Delhi)



SPEAKER

Dr. Shalini Gaur Rudra
Senior Scientist
(IARI, New Delhi)



SPEAKER

Dr. Heena Yadav
Medical Officer
(UHC, CUH)



CONVENOR

Dr. Anita Kumari
Assistant Professor
(CUH)



CONVENOR

Dr. Ashwani Kumar
Assistant Professor
(CUH)

Student Coordinators: Sarita, Deepika (Nutrition Biology); Vikram Pooria, Janardan Sen (Microbiology); Nisha Yadav, and Neha Saini (Biochemistry)



हकेवि में हाइपोविटामिनोसिस डी के प्रबंधन पर दो दिवसीय राष्ट्रीय सेमिनार आयोजित

महेंद्रगढ़। हरियाणा केंद्रीय विश्वविद्यालय (हकेवि), महेंद्रगढ़ के पोषण जीवविज्ञान विभाग व



रिसर्च एंड डेवलपमेंट सेल द्वारा दो दिवसीय राष्ट्रीय सेमिनार सह कार्यशाला का आयोजन किया गया। हाइपोविटामिनोसिस डी के प्रबंधन के लिए बाजरा-आधारित कार्यात्मक खाद्य पदार्थों के हस्तक्षेप विषय पर आधारित यह कार्यक्रम

एचएससीएसआईटी द्वारा वित्त पोषित

परियोजना के अंतर्गत वैज्ञानिक सामाजिक जिम्मेदारी गतिविधि के तहत आयोजित किया गया। विश्व खाद्य दिवस और अंतर्राष्ट्रीय बाजरा वर्ष-2023 के उपलक्ष्य में आयोजित इस दो दिवसीय राष्ट्रीय सेमिनार का उद्घाटन विश्वविद्यालय के कुलपति प्रो. टंकेश्वर कुमार ने किया। अपने संबोधन में कुलपति प्रो. टंकेश्वर कुमार ने समाज के हर वर्ग के बीच विटामिन डी की कमी और इसके प्रबंधन पर प्रकाश डाला। कुलपति ने इस कार्यक्रम को आयोजित करने के लिए विभाग को बधाई दी। विश्वविद्यालय की समकुलपति प्रो. सुषमा यादव ने बाजरे को आहार में शामिल करने पर जोर दिया और हाइपोविटामिनोसिस डी के प्रबंधन के लिए स्वदेशी तकनीकों का उल्लेख किया। कार्यक्रम की शुरुआत में रिसर्च एंड डेवलपमेंट सेल की निदेशक प्रो. नीलम सांगवान ने स्वागत भाषण प्रस्तुत किया और सेमिनार के उद्देश्य से प्रतिभागियों को अवगत कराते हुए कहा कि इस आयोजन के माध्यम से विद्यार्थियों को हाइपोविटामिनोसिस डी के प्रसार व प्रबंधन और उनके नियमित आहार में बाजरा को शामिल करने के बारे में जागरूक किया गया। दो दिवसीय इस आयोजन में आईसीएमआर, नई दिल्ली की वैज्ञानिक डॉ. नीता कुमार व आईएआरआई, नई दिल्ली की वैज्ञानिक डॉ. शालिनी गौड़ रुद्र ने अपने व्याख्यान के माध्यम से विटामिन डी की कमी के विभिन्न पहलुओं से प्रतिभागियों को अवगत कराया। कार्यक्रम में मानव सीरम में 25(ओएच)डी के आकलन के लिए क्वांटी माइक्रोलिसा विषय पर एक कार्यशाला तथा मिलेट्स पर आधारित पोस्टर प्रदर्शनी का भी आयोजन किया गया। कार्यक्रम में पोषण जीवविज्ञान विभाग के विभागाध्यक्ष व आयोजन के सह-अध्यक्ष प्रो. कांति प्रकाश शर्मा, माइक्रोबायोलॉजी विभाग के विभागाध्यक्ष प्रो. सुरेंद्र सिंह, संयोजक व पोषण जीवविज्ञान विभाग के डॉ. अनिता कुमारी और डॉ. अश्वनी कुमार ने सक्रिय भूमिका निभाई।

विद्यार्थियों को हाइपरविटामिनोसिस डी के प्रसार व प्रबंधन के बारे में किया जागरूक

भारत न्यूज़ | महेंद्रगढ़

हर्केवि, महेंद्रगढ़ के पोषण जीव विज्ञान विभाग व रिसर्च एंड डेवलपमेंट सेल द्वारा दो दिवसीय राष्ट्रीय सेमिनार सह कार्यशाला का आयोजन किया गया।

हाइपरविटामिनोसिस डी के प्रबंधन के लिए बाजरा-आधारित कार्यात्मक खाद्य पदार्थों के हस्तक्षेप विषय पर आधारित यह कार्यक्रम

एचएससीएसआईटी द्वारा वित्त पोषित परियोजना के अंतर्गत वैज्ञानिक सामाजिक जिम्मेदारी गतिविधि के तहत आयोजित किया गया। विश्व खाद्य दिवस और अंतरराष्ट्रीय बाजरा वर्ष-2023 के उपलक्ष्य में आयोजित इस दो दिवसीय राष्ट्रीय सेमिनार का उद्घाटन विश्वविद्यालय के कुलपति प्रो. टंकेश्वर कुमार ने किया।

हर्केवि में दो दिवसीय सेमिनार



कुलपति प्रो. टंकेश्वर कुमार ने समाज के हर वर्ग के बीच विटामिन डी की कमी और इसके प्रबंधन पर प्रकाश डाला। विश्वविद्यालय की सम्मुखपति प्रो. सुषमा यादव ने बाजरे को आहार में शामिल करने पर जोर दिया और हाइपरविटामिनोसिस डी के प्रबंधन के लिए स्वदेशी तकनीकों का उल्लेख किया। कार्यक्रम की

शुरुआत में रिसर्च एंड डेवलपमेंट सेल की निदेशक प्रो. नीलम सांगवान ने स्वागत भाषण प्रस्तुत किया। इस आयोजन के माध्यम से विद्यार्थियों को हाइपरविटामिनोसिस डी के प्रसार व प्रबंधन और उनके नियमित आहार में बाजरा को शामिल करने के बारे में जागरूक किया गया। दो दिवसीय इस आयोजन में आईसीएमआर, नई

दिल्ली की वैज्ञानिक डॉ. नीता कुमार व आईएआरआई, नई दिल्ली की वैज्ञानिक डॉ. शालिनी गौड़ रुद्र ने अपने व्याख्यान के माध्यम से विटामिन डी की कमी के विभिन्न पहलुओं से प्रतिभागियों को अवगत कराया। कार्यक्रम में मानव सीरम में 25 (ओएच) डी के अवलोकन के लिए क्वांटी माइक्रोएलिंसा विषय पर एक कार्यशाला तथा मिलेट्स पर आधारित पोस्टर प्रदर्शनी का भी आयोजन किया गया। कार्यक्रम में पोषण जीवविज्ञान विभाग के विभागाध्यक्ष व आयोजन के सह-अध्यक्ष प्रो. कांति प्रकाश शर्मा, माइक्रोबायोलॉजी विभाग के विभागाध्यक्ष प्रो. सुरेंद्र सिंह, संयोजक व पोषण जीवविज्ञान विभाग के डॉ. अनिता कुमारी और डॉ. अश्वनी कुमार ने सक्रिय भूमिका निभाई।



CENTRAL UNIVERSITY OF HARYANA

(NAAC ACCREDITED 'A' GRADE UNIVERSITY)

Scientific Social Responsibility (SSR) activity under HSCSIT funded project on Hypovitaminosis D

Two days National Seminar cum Workshop on Intervention of millets based functional foods for the management of hypovitaminosis D
On the occasion of

World Food Day and International Year of Millets-2023

16-17th October, 2023

Venue: Mini-Auditorium, Academic Block-I (10:00AM Onwards)

Scientific Social Responsibility (SSR) Activity under Haryana DST Funded Project on Hypovitaminosis D organized By Department of Nutrition Biology in Collaboration with R&D cell, CUH

About the Event

To celebrate the World Food Day and International Year of Millets-2023, the committee has aimed to organize SSR activity on Hypovitaminosis D under HSCSIT, funded project. Vitamin D deficiency is a major public health problem in India having a prevalence ranging from 50 to 90 percent among all the age groups which lead to various diseases. Serum 25(OH)D is considered as the best marker for the assessment of vitamin D.

Objectives

1. To sensitize the students about the importance of vitamin D and its role in the management of NCDs.
2. To create awareness on the role of millets-based functional foods for the management of the targeted disease.
3. To provide Hands-on training on "Quant microplate for estimation of 25 (OH) vitamin D in human serum."



Event Details

Day 1: Lecture Series

1. Dr. Neeta Kumar (Scientist -F, ICAR, New Delhi)
2. Dr. Heema Yadav (Medical Officer, UHC, CUH)
3. Dr. Shalini Gaur Rana (Senior Scientist) IARI, New Delhi

Day 2: Workshop and Technical presentations

1. Hands on training on estimation of serum 25 (OH) D.
2. Technical presentation on millets



Expected outcomes

1. To aware the students regarding hypovitaminosis D.
2. To train the students for estimation of serum vitamin D.
3. To provide sustainable solution for the management of targeted disease.

Organized By

Department of Nutrition Biology in Collaboration with Research and Development Cell, Central University of Haryana

CHIEF PATRON	CHAIRPERSON	CONVENORS
Prof. (Dr.) Tankeshwar Kumar Hon'ble Vice-Chancellor	Prof. (Dr.) Neelam Sangwan Dean SIAS Dean Research Director, (Research and Development Cell)	Dr. Anita Kumari Dr. Ashwani Kumar (Department of Nutrition Biology)
PATRON	CO-CHAIRPERSON	STUDENTS COORDINATORS
Prof. (Dr.) Sushma Yadav Hon'ble Pro Vice-Chancellor	Prof. (Dr.) Kanti Prakash Sharma Head (Department of Nutrition Biology) Prof. (Dr.) Surender Singh Head (Department of Microbiology)	Ms. Deepika, Ms. Sarita (Ph.D. Scholar, Nutrition Biology) Vikram Poria, Janardan Sen (Ph.D. Scholar, Microbiology) Ms. Nisha Yadav, Ms. Neha (Ph.D. Scholar, Biochemistry)

About the Programme

About the University

The Central University of Haryana is located at Jant-Pali Villages, Mahendergarh district in South Haryana. This university was established in the year 2009 and is the only Central University in the state of Haryana, funded and regulated by the University Grants Commission (UGC) and Ministry of Education (MHE), Government of India. The university caters to the needs of education, research, innovation and training in frontier areas of Natural and Applied Sciences, Vocational Sciences, Engineering, Technology and Social Sciences. At present, there are 34 Departments which are subsumed under 8 Schools and 74 academic programmes. The University is one of the foremost universities in the country to implement NEP-2020.

About the Department:

The Department of Nutrition Biology has been commenced in the year 2015 under the umbrella of School of Interdisciplinary and Applied Life Sciences with the aim to impart high quality education to the students in the field of Nutrition Biology. The thrust area of research includes assessment of nutritional status of different vulnerable groups, management of nutritional deficiency diseases, nutrition counseling, nutrition in special conditions, nutrient evaluation, development of functional food products and their nutrient estimation, chemical and biochemical assessment of various deficiency disorders, biosafety assessment of fermented foods and nutrigenomics. The department has trained and experienced faculty having diverse background of Nutrition Biology. The Department got externally funded research project from HSCSIT, Haryana, SERB/DST, DST (Govt. of India), New Delhi. The department is also involved in extension activities in the adopted villages of CUH for the development of the community/society/nation by imparting nutrition education with the involvement of students.

Project Details

The HSCSIT has sanctioned the Research and Development project on "Development of Vitamin D enriched functional food products for the management of hypovitaminosis D among adolescent girls of Haryana" to Dr. Anita Kumari as Principal Investigator (Department of Nutrition Biology); Prof. Neelam Sangwan (Department of Biochemistry) and Prof. Surender Singh (Department of Microbiology) as Co-Principal Investigators for the period of three years (2022-2025). The project highlights are to assess the prevalence of hypovitaminosis D among adolescent girls of Haryana and its sustainable solutions via introducing Vitamin D enriched functional food products for the targeted population. The Scientific Social Responsibility (SSR) activity is conducted under the project to sensitize and create awareness among the participants regarding prevalence and management of Hypovitaminosis D. Lectures on various aspects of vitamin D deficiency and hands on training for estimation of 25(OH) vitamin D in human serum by ELISA method will be provided to the participants.

World Food Day

World Food Day takes place annually on 16th October and promotes awareness of hunger and action for the future of food, people, and the planet. The Food and Agriculture Organization of the UN (FAO) designated 16 October as World Food Day in 1979. The theme for World Food Day 2023 is “Water is Life, Water is Food. Leave No One Behind”.

International Year of Millets-2023

The United Nations General Assembly at its 75th session in March 2021 declared 2023 the International Year of Millets (IYM). The IYM-2023 is an opportunity to raise awareness of, and direct policy attention to the nutritional and health benefits of millets and their suitability for cultivation under adverse and changing climatic conditions. It is an occasion to promote the sustainable production of millets while also highlighting their potential to create sustainable market opportunities for producers and consumers. IYM 2023 aims to contribute to the UN 2030 Agenda for Sustainable Development, particularly SDG 2 (Zero Hunger), SDG 3 (Good health and well-being), SDG 8 (Decent work and economic growth), SDG 12 (Responsible consumption and production), SDG 13 (Climate action) and SDG 15 (Life on land).

Scope and objectives of the event

The Two days National Seminar cum workshop is organized for the young generation of the university. The aim of the event is to aware the students about hypovitaminosis D on the occasion of World Food Day and importance of millets in their regular diet during celebration of International year of Millets-2023. Through this event, the targeted audience will be sensitized about the importance of vitamin D and its role in the management of NCDs. Hands-on training on “Quanti microlisa for estimation of 25 (OH) vitamin D in human serum” will also be provided. Technical presentations will also be held to highlight the nutritional benefits of millets. Thus, main aim of the event is to motivate students for their active involvement in recognizing the burden of NCDs specifically vitamin D deficiency, associated disorders, and its prevention by conducting expert talks from eminent scientists working in leadership positions in the related fields.

Objectives

- ✓ To sensitize the participants about the importance of vitamin D and its role in the management of NCDs.
- ✓ To make aware the participants about the role of millets based functional foods for the management of the targeted disease.
- ✓ To provide Hands-on training on “Quanti microlisa for estimation of 25 (OH) vitamin D in human serum
- ✓ To motivate young aspirants for presenting their research work on nutritional benefits of millets for health and economic security.

TECHNICAL PROGRAMME

Time	Events
<i>Day 1 (Lecture Series on Hypovitaminosis D and its Management)</i>	
10:00 AM- 10:10 AM	Lamp lighting and welcome of guests
10:10 AM -10:15 AM	University Kulgeet
10:15 AM -10:25 AM	Invitation to Prof. Neelam Sangwan for opening remarks and welcome address by Prof. Surender Singh
10:30 AM -10:35 AM	Introduction of Hon'ble Vice-Chancellor by Prof. Surender Singh
10:35 AM -10:40 AM	Special address by Hon'ble Vice-Chancellor Prof. (Dr.) Tankeshwar Kumar
10:40 AM- 10:45 AM	Introduction of Pro-Vice Chancellor Prof. (Dr.) Sushma Yadav by Prof. Kanti Prakash Sharma and special remarks on the event
10:45 AM- 10:50 AM	Introduction about the event by Dr. Anita Kumari
10:50 AM-11:30 AM	Lecture 1: Introduction to speaker by Prof. Surender Singh and address by the speaker Dr. Neeta Kumar, Scientist -F (ICMR, New Delhi)
11:30AM -12:15 PM	Lecture 2: Introduction of speaker by Dr. Anita Kumari and address by the speaker Dr. Heena Yadav (Medical Officer), CUH
12:15 PM-1:00 PM	Lecture 3: Introduction of speaker by Dr. Ashwani Kumar and address by the speaker Dr. Shalini Gaur Rudra (Senior Scientist), IARI, New Delhi
1:00 PM-1:05 PM	Concluding remarks by Prof. Kanti Prakash Sharma
1:05 pm-1:10 PM	Vote of Thanks by Dr. Ashwani Kumar
<i>Day 2 (Workshop and Technical Presentations)</i>	
10:00 PM-1: PM	Hands-on training on "Quanti microlisa for estimation of 25(OH)D in human serum by committee members
2:30- 4:00 pm	Technical presentation (poster/oral) under International Year of Millets-2023
4:00-4:10 pm	Vote of Thanks by Dr. Anita Kumari

S/d

Prof Dr Neelam Sangwan,

Director, Research and Development Cell, CUH