

7 th AUGUST 2024



2024

Invited talk on “The Human Heart and Cardiac Cycle”



Patron:
Prof. Neelima Gupta

Convener:
**Prof. Shweta
Yadav**



Organizer:
Dr. Deepali Jat



Speaker
Dr. Abhishek Jain
Cardiac Specialist and
Intensivist at
Shree Chaitanya Hospital,
Sagar M.P.

ZOOLOGY
DEPARTMENT



Dr. Harisingh Gour Vishwavidyalaya सागर (म.प्र.)

A-Grade by UGC NAAC

A Central University





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Month August 2024

Patron

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Prof. Shweta Yadav

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IT-HHCC

7th August-2024



DOCTOR. HARISINGH GOUR VISHWAVIDYALAYA

Sponsored by

Department of zoology, Dr. H.S. Gour University, Sagar, M.P.-India

Convener Addressal

Prof. Shweta Yadav

Convener

IT-HHCC

It gives me an immense pleasure to convene an Invited Talk on “The Human Heart and Cardiac Cycle” is being held at Dr. H.S. Gour University, Sagar.

Though our extensive knowledge of the role of genetics in cardiac pathogenesis, pharmacogenomic approaches to uncover drug targets the intricate mechanisms underlying the conditional causes have been remained less explored. By the time, due to longer duration of life in most of the Under Developing Countries, arrhythmias such as atrial fibrillation (AF), ventricular arrhythmias due to ischemic heart disease, sinus node dysfunction (SND) and blockages in the heart are factually emanating. Therefore, the lecture on such an important aspect will be beneficial to the emanating pupils who are willing to pursue highest approach in education and research in the related field.

This is quite relatable to organize the seminar on such a vigilant topic that ignite our students to understand intricate working of heart, the cardiac rhythm and cardiac cycle.

Prof. Shweta Yadav

HOD, Zoology

Dr. H.S.Gour University, Sagar, M.P.-India

Organizer's Addressal

Dr. Deepali Jat

Organizing secretary

IT-HHCC

We are excited and grateful to organize an Invited talk on “The Human Heart and Cardiac Cycle” at Zoology Department Dr. H.S. Gour University, Sagar-M.P.-India.

Cardiovascular diseases are one of the main reasons of deaths all over the world, affecting thousands of people each year. They carry many physical, sociological, and behavioral hazards to human health along with the threat of dying. The most effective way to rectify these hazards is through lifestyle change, medical interferences, and structural interventions. Cardiovascular diseases, otherwise known as heart diseases, are conditions that affect the heart and also involve blood vessels. They include diseases like stroke, cardiac arrhythmia, hypertension, coronary artery disease (CAD), and heart failure. Various factors can cause these diseases for example- hypertension, high cholesterol, obesity, smoking, diabetes, alcohol, and inactive lifestyle. They can also be affected by genetics and history of the family.

To make students aware of cardiac health its structure working and molecular mechanism may help to enhance the knowledge about the circulatory system and its implications in the life science research and education.

Dr. Deepali Jat

Neuroscience Research Lab.

Zoology Department

Dr. H.S.Gour University, Sagar, M.P.-India

MANAGEMENT AND SUPPORT

Guest of Honour:

Prof. Subodh Kumar Jain (Cell and Molecular Biology Lab., Zoology Dept.)

ORGANIZING SECRETARY

Dr. Deepali Jat (Neuroscience Lab., Fish Biology Lab., Zoology Dept.)

TECHNICAL SUPPORT

Mr. Mohit Rathore (Senior Technician Zoology)

Mr. Asutosh Soni (Official Zoology)

ADVISORY COMMITTEE (Internal)

Prof. V. Sharma (Prof., Insect Physiology and Endocrinology Lab., Zoology Dept.)

Prof. S. Yadav (Earth worm Biology Lab., Fish Biology lab., Zoology Dept.)

Dr. M. Sikdar (Biochemistry and Endocrinology lab., Zoology Dept.)

Dr. P. Mahobiya (Endocrinology Lab., Zoology Dept.)

Dr. R. K. Koiri (Cancer Biology Lab., Zoology Dept.)

MANAGEMENT SUPPORT

Shree. S.P. Upadhyay (Registrar)

Dr. H.S.Gour University, Sagar, M.P.-India

Dean, DOFA

Dean, DOAA

August 7, 2024

Schedule

S.No.	Chairman and Reporter	Speaker and Title of the talk	Time
1.	Inaugural Session	Introduction Prof. Shweta Yadav, HoD, Zoology Convener	8: 30 AM
		Welcome: Prof. Subodh K. Jain Dr. Harisingh Gour Vishwavidyalaya, Sagar	8: 40 AM
2.	Session 1. Chairperson: Prof. Subodh K Jain Rapporteur: Dr. Malabika Sikdar	Key Note Speaker: Dr. Abhishek Jain “The Human Heart “ Sanjeevani Diabetes and Heart Care Centre, Shri Chaitanya Hospital, Sagar - 470002 (M.P.), India	9:00 to 10:00 AM
3	Vote of thanks	Dr. Deepali Jat	11: 00 AM
Lunch Break			1:00 to 02:00
4	Session 2. Chairperson: Prof. Subodh K Jain Rapporteur: Dr. Malabika Sikdar	Key Note Speaker: Dr. Abhishek Jain “The Cardiac Cycle” Sanjeevani Diabetes and Heart Care Centre, Shri Chaitanya Hospital, Sagar - 470002 (M.P.), India	02:00 to 03 PM
5.	Vote of Thanks	Prof. Shweta Yadav	03:00 PM

The PG First Year students 2024 (Attendee)



Cardiovascular diseases are among the most considerable causes of mortality of the current time and is among the crucial matter of concern all over the world. Cardiovascular diseases (CVD) encompasses a range of heart and blood vessel disorders, including coronary artery disease, heart failure, arrhythmias, and stroke. Early diagnosis of cardiovascular diseases is crucial for effective management and prevention of complications. Diagnostic evaluation should include History and Physical Examination which identifies symptoms and risk factors and electrocardiogram (ECG) which detects electrical activity of the heart.

Learning cardiac physiology while inviting field specialists may worth and elevate the quality of education and research in the educational institutions

INVITED TALK ON "THE HUMAN HEART AND CARDIAC CYCLE"



Felicitations and Honour to the Resource Person BY HOD AND CHIEF GUEST

INVITED TALK ON "THE HUMAN HEART AND CARDIAC CYCLE"

List of students attended the programme:

ROLL NO.	NAME OF STUDENT
Y24265001	ABHIRAM PRADHAN
Y24265002	ADITI LAL
Y24265003	ANITA AHIRWAL
Y24265004	ANKIT SONI
Y24265005	ANSHUL SONI
Y24265006	ASHISH KUMAR SAHU
Y24265007	AYUSHI SINGH
Y24265009	CHANDNI KUMARI
Y24265011	DIPALI KUSHWAHA
Y24265012	DIVYA PANDEY
Y24265013	HITENDRA KUMAR SAHU
Y24265014	JYOTIRMAYEE BEHERA
Y24265015	KISHAN KUMAR MOURYA
Y24265016	KRISHNA MURARI
Y24265017	KRITI RASTOGI
Y24265018	LALIT PRAJAPATI
Y24265019	MANISHA PARMAR
Y24265020	MOHAMMAD ZISHAN ARSHAD
Y24265021	NEERAJ KAPOOR
Y24265022	NEERAJ KOL
Y24265024	PRIYANKA YADAV
Y24265027	SHARIFUL MONDAL
Y24265028	SATYENDRA RAI
Y24265029	SHIKHA KUMARI
Y24265030	SHIKHA UPADHYAY
Y24265031	SHIVANI SHRIVAS
Y24265032	SONMATI
Y24265033	TANYA YADAV
Y24265034	UMANG VERMA
Y24265035	VIKASH ATHIYA
Y24265036	VIKASH KUMAR
	Scholars
	Ankita Dwivedi
	Sneha Bibyan
Y22265031	Suyash Jain
Y22265026	Satyabhama Prusty
Y22265021	Prasannlata Bhasker
Y22265006	Aman Gupta
	Bharat Kumar



INVITED LECTURE

"The Human Heart and Cardiac Cycle"

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Organizer
Dr. Deepali Jat

Dr. Abhishek Jain

MBBS, MD,
Cardiologist
Physician and Intensivist in Shri
Chaitanya Hospital, Sanjeevani
Diabetes and Heart care center at
Chakraghat Sagar

**Zoology Department, Dr. Harisingh Gour University,
Sagar, (M.p.)**