



Dr. Bhimrao Jadhav, Department of Zoology, delivering a lecture on “Genetic Disorders” on 21st January, 2019

Marathwada Shikshan Prasarak Mandal's
Vinayakrao Patil Mahavidyalaya, Vaijapur
Staff Academy

Lecture on "Genetic Disorder"
by Dr. Bhimrao Jadhav

21-01-2019

REPORT

Staff Academy organised a lecture of Dr. Bhimrao Jadhav from Department of Zoology, on 'Genetic Disorders on, 21st January 2019 in the Audio Video Classroom. Dr. Jadhav was welcomed Dr. Pragati Pawar and she formally introduced him to the faculty members of the college. At the outset of his discourse, Dr Jadhav expressed his concern that the cases of mentally physically challenged people are increasing. There are many reasons behind the mental and physical disorders amongst the people. Heredity is one of the reasons behind the disorder but other outside factors are also responsible for the same. He stressed the fact that the Genetic disorders occur when a mutation affects your genes. Carrying the mutation doesn't always mean you'll end up with a disease. There are many types, including single-gene, multifactorial and chromosomal disorders. You receive half your genes from each biological parent and may inherit a gene mutation from one parent or both. Sometimes genes change due to issues within the DNA (mutations). This can raise your risk of having a genetic disorder. Some cause symptoms at birth, while others develop over time.

Genetic disorders can be:

Chromosomal: This type affects the structures that hold your genes/DNA within each cell (chromosomes). With these conditions, people are missing or have duplicated chromosome material.

Complex (multifactorial): These disorders stem from a combination of gene mutations and other factors. They include chemical exposure, diet, certain medications and tobacco or alcohol use.

Single-gene (monogenic): This group of conditions occurs from a single gene mutation. There are many types. They include: Chromosomal disorders
Genetic disorders may also cause rare diseases. This group of conditions affects fewer than 200,000 people in the U.S. According to experts, there may be as many as 7,000 of these diseases. In his lecture Dr. Jadhav threw light on genetic disorders which become responsible for various diseases. He also shared what kind of care is to be taken by individuals when suffer from genetic disorder. The lecture was attended by all the faculty members. In the question answer session, he gave answers to the question asked by the faculty members. The session came to end with the vote of thanks by Dr. M.L. Sonawane.

Dr. M.L. Sonawane.

Principal
PRINCIPAL
Vijayakrao Patil Mahavidyalaya
Veljepur, Dist. Aurangabad.

M.S.P Mandal's

Vinayakrao Patil Mahavidyalaya, Vaijapur

Lectures Organised by Staff Academy

Resource Person : Dr. B.N. Jadhav (Department of Zoology)

Topic : Genetic Disorders

Time: 3:30 - 4:15 pm

Date: 21/01/2020²⁰²⁰

Venue: Audio Visual 4

Sr. No.	Name of Teacher	Department	Signature
1.	Dr. P. D. Pawar	Chemistry	P. Pawar
2.	Dr. M. B. Susase	Economics	M. B. Susase
3.	Miss. G. S. Kasar	Chemistry	G. S. Kasar
4.	Dr. B. N. Jadhav.	Zoo	B. N. Jadhav
5.	Dr. A. M. Zine	Chem	A. M. Zine
6.	Dr. S. D. Tiwale	Sociology	S. D. Tiwale
7.	Dr. R. J. Sawant	Botany	R. J. Sawant
8.	Dr. K. P. Bholane	Commerce	K. P. Bholane
9.	Dr. S. R. Chavhan	Zoology	S. R. Chavhan
10.	Ms. A. B. Thore	B.C.S	A. B. Thore
11.	Ms. J. P. Sonar	Chemistry	J. P. Sonar
12.	Dr. L. D. Puri	Commerce	L. D. Puri
13.	A. V. Gaikwad	B. Sc	A. V. Gaikwad
14.	G. N. Pathare	B.C.S	G. N. Pathare
15.	Ms. Somwanshi B.V.	Biotechnology	Ms. Somwanshi
16.	Ms. Karale R.P.	Biotechnology	Ms. Karale
17.	Ms. Pathade-S.R.	Biotechnology	Ms. Pathade
18.	K. S. Ban	HISTORY	K. S. Ban
19.	Dr. M. L. Sonawane	English	M. L. Sonawane
20.	Sunil Dahale	Hindu	Sunil Dahale
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~~B.R.~~
Dr. B.R. Dhapse (Coordinator)
Staff Academy

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