

SHIKSHAN PRASARAK SANSTHA'S
PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA, KAVATHE
MAHANKAL
DEPARTMENT OF ZOOLOGY

Date: 27/01/2021

Report of the Activity

Title	Guest lecture on “ Online Webinar on biotechnology. ”
Day & Date	25th January 2021
Organizer	Department of Zoology
Chief Guest	Mr. Rahul J. Patil Assistant Professor & Head Dept. of Zoology, Balwant College, Vita.
Co-ordinator	Prof. (Dr.) Suverna B. More Head, Department of Zoology, P. V. P. Mahavidyalaya, Kavathe Mahankal
President	Principal Prof.(Dr.) M. K. Patil P. V. P. Mahavidyalaya, Kavathe Mahankal
Present Students	55
Background	Guest lectures are often a welcome and inspiring event in a course, potentially demonstrating the real-life relevance with wildlife. It can however be challenging to successfully incorporate a guest lecture. The Department of Zoology of the institute dedicated to promoting interest in life science and recently organized a guest lecture on topic “ Online Webinar on biotechnology. ”
Objective	1. Advance scientific knowledge. 2. Contribute to environmental sustainability. 3. Enhance industrial processes.
Conclusion	Total 55 students were participated in the present event. This event provide fostering professional relationships between the speaker and the student beyond the classroom experience. The Guest Speaker dons the hat of bringing biotechnology. This platform to invite impactful speakers for the interactive sessions helps strengthen the students' knowledge. Student's active involvement in learning from the speakers on the biotechnology.


Prof. (Dr.) S. B. More
Co-Ordinator & Head
Head
Department of Zoology
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli


Prof. (Dr.) M. K. Patil
I/C **Principal**
PRINCIPAL
Padmabhushan Vasantraodada Patil
Mahavidyalaya, K. Mahankal, Dist-Sangli

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DEPARTMENT OF ZOOLOGY

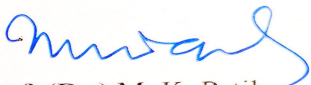
Date: 27/01/2021

Report of the Activity

The Department of Zoology, Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal is going to organize a Guest lecture on Online Webinar on biotechnology as a Departmental Activity on 25th January 2021. This event aimed to promoting interest in biotechnology.

Webinar on biotechnology, he provided a comprehensive overview of the field, highlighting its significance in addressing various global challenges. The lecture began by elucidating fundamental concepts in biotechnology, including genetic engineering, recombinant DNA technology, and synthetic biology. He delved into recent advancements and applications of biotechnology across diverse sectors such as healthcare, agriculture, and environmental science. Examples included the development of genetically modified crops for improved yield and resilience, the production of biopharmaceuticals for treating diseases, and the use of bioremediation techniques for environmental cleanup. Throughout the lecture, ethical considerations surrounding biotechnological innovations were thoroughly discussed, emphasizing the importance of responsible research and decision-making. The speaker also highlighted the need for continued dialogue and collaboration among scientists, policymakers, and the public to address potential risks and ensure the ethical use of biotechnology. In addition to exploring current trends and developments. He provided insights into career opportunities in the biotechnology industry and academia, inspiring students to pursue further education and research in this dynamic field. Overall, the guest lecture on biotechnology served as a valuable platform for fostering awareness, dialogue, and enthusiasm for the transformative potential of biotechnological advancements in shaping our future.


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Mahavidyalaya, K. Mahankal, Dist.-Sangli

SHIKSHAN PRASARAK SANSTHA'S
PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA, KAVATHE
MAHANKAL
DEPARTMENT OF ZOOLOGY

Date: 18/01/2021

To,
The Principal,
P.V.P. Mahavidyalaya,
Kavathe Mahankal.

Subject: Regarding permission to organize online webinar.

Respected Sir,

With respect to above mentioned subject, Department of Zoology, PVP Mahavidyalaya, Kavathe Mahankal, is going to organize online Webinar on **“Biotechnology”** at 11.30 a.m as a Departmental Activity on 25th January 2021 for B.Sc.-III students. Herewith I request you grant us permission for the same.

Thanking you,

Yours faithfully,

Permission granted

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Prof. (Dr.) S. B. More
Co-Ordinator & Head
Head
Department of Zoology
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli.

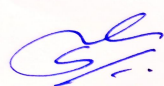
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MAHANKAL
DEPARTMENT OF ZOOLOGY

Date:19/01/2021

Notice

All the students of B. Sc.- III are hereby informed that, Department of Zoology, Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal is going to organize online Webinar on **“Biotechnology”** at 11.30 a.m as a Departmental Activity on 25th January 2021. This event aimed to promoting interest in techniques in the field Life sciences. All the students must be remain present for the same:

Note: Link will be provided before 15 min of lecture on Google classroom and what's app.


Prof. (Dr.) S. B. More
Co-Ordinator & Head
Department of Zoology
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli



5 points ▾



Instructions

Student work

39

Handed in

35

Assigned



HANDED IN



Aishwarya ...

Handed in



Amol Kalel

Handed in



Amruta Des...

Handed in



Avesha Pak

Handed in

Conductivity meter:

The meter is equipped with a probe, usually handheld, for field or on-site measurements. After the probe is placed in the liquid to be measured, the meter applies voltage between two electrodes inside the probe. Electrical resistance from the solution causes a drop in voltage, which is read by the meter. The meter converts this reading to milli- or micromhos or milli- or microSiemens per centimeter. This value indicates the total dissolved solids. Total dissolved solids is the amount of solids that can pass through a glass-fiber filter. An electrical conductivity meter (EC meter) measures the electrical conductivity in a solution.



Significance:

It has multiple applications in research and engineering, with common usage in hydroponics, aquaculture, aquaponics, and freshwater systems to monitor the amount of nutrients, salts or impurities in the water.

The calibrated conductivity meter has the efficiency to measure the TDS in any solution.

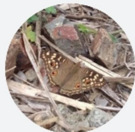
The amount of current that can flow through a solution is proportional to the concentration of dissolved ionic species in the solution. Thus, higher the concentration of electrolytes in the water, the more is the electrical conductivity i.e. lesser the resistance.

7/20/2021 Dr. Jini S. Deshmane

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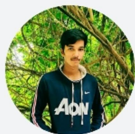
Pradnya Babar



Pratima Patil



priti sathe



Sakib Mulani



Sakshi Patil

NEW



Shikshan Prasarak Sanstha's
Padmbhushan Vasantraodada Patil College,
Kavathe Mahankal, Sangli



Department of Zoology

Organizes

Webinar On

Biotechnology

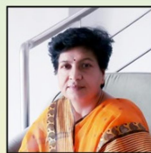


Day/Date: Monday 25/01/2021 Time: 11.30 a.m. onwards

Chief Guest



Mr. Rahul J. Patil, M.Sc., NET., JRF., SET.,
Asst. Professor & Head Department of Zoology
Balwant College, Vita



Prof. Dr. Suvarna More M.Sc., Ph.D.
Head Dept. of Zoology
P.V.P. College, Kavathe Mahankal



Prof. Dr. M. K. Patil M.Sc., Ph.D.
I/c Principal,
P.V.P. College, Kavathe Mahankal

Online Platform

Zoom Link : <https://us02web.zoom.us/j/2039182203>



Meeting ID: 203 918 2203
Passcode : Zoo123



Open for UG, PG, Students



No Registration Fee.



E-Certificates will be issued after
active participation & filling the
feedback form.

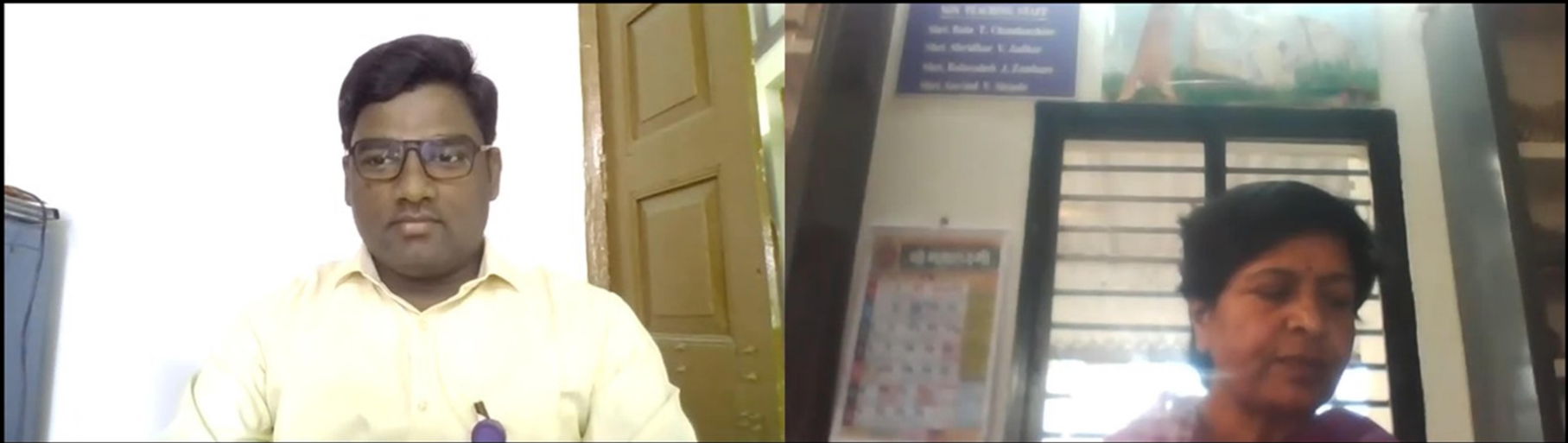
Organizing Committee

1. Mr. Vijay Koshti

Coordinator, Assot. Prof. Statistics

2. Ms. Pranali Zamke

Asst. Prof. Zoology



00:02:02



00:34:56





Shikshan Prasarak Sanstha's
Padmbhushan Vasantraodada Patil College,
 Kavathe Mahankal, Sangli



Department of Zoology
 Organizes
 Webinar On
Biotechnology

Day/Date: Monday 25/01/2021 Time: 11.30 a.m. onwards



Chief Guest

Mr. Rahul J. Patil, M.Sc., NET, JRF, SET,
 Asst. Professor & Head Department of Zoology
 Balwant College, Vita



Prof. Dr. Suvarna More M.Sc., Ph.D.
 Head Dept. of Zoology
 P.V.P. College, Kavathe Mahankal



Prof. Dr. M. K. Patil M.Sc., Ph.D.
 I/c Principal,
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1. Mr. Vijay Koshti
 Coordinator, Asst. Prof. Statistics

2. Ms. Pranali Zamke
 Asst. Prof. Zoology

00:07:14

🔊
💬

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PRODUCTION OF TRANSGENIC ANIMAL AND ITS FUNCTIONS

Mr. Rahul J. Patil

M.Sc. NET-JRF., SET., Ph.D. (Pursuing)

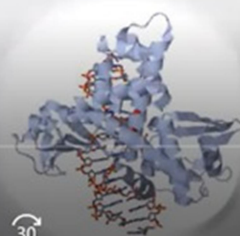
**Assistant Professor & Head
 Department of Zoology
 Balwant College, Vita**



rahulspiderfauna1@gmail.com



9421309704



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Shikshan Prasarak Sanstha's
**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA,
KAVATHE MAHANKAL, DIST-SANGLI**

One day Webinar on
"BIOTECHNOLOGY"
Certificate

This is to certify that Mr./~~Ms.~~/Mrs. Patil Varun Mahadev from D. K. A. S. C. College Ichalkaranji has participated in the One day webinar on "Biotechnology" organized by Department of Zoology, Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal Dist: Sangli, Maharashtra on Monday 25th January 2021.

Prof. (Dr.) Suvarna B. More
Convener and Head Dept. of Zoology

Prof. (Dr.) M. K. Patil
Acting Principal