

Department of Zoology,
08/02/2022.

To,
The Principal,
Tuljaram Chaturchand College of Arts, Science & Commerce,
Baramati.

Sub: Report of the guest lecture arrange on 05th February 2022.

Respected Sir,

With your prior permission, department of Zoology is celebrating Azadi Ka Amrit Mahotsav. As a part of this celebration, we are organizing a lecture series on various academic & social issues. As a part of this lecture series, we had organised a guest lecture of Prof. Dr. Kalpana Pai, former head, Department of Zoology, SPPU, Pune.

The said lecture was held in online mode on Google Meet platform; on 05th February 2022. It was attended by about 100 students from SYBSc, TYBSc, M.Sc-I & II classes of Zoology & Microbiology.

This lecture helped the students to increase their awareness about immune system. Resource person also explained about role of nutrients & mental health in keeping our immune system strong.

I am submitting this report for your perusal.

Thanking You,

Yours' Sincerely,

[Handwritten Signature]
08/02/2022
Head, Dept. of Zoology

Noted
ADS / *copy* *IQAC*
[Handwritten Signature]



Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE & COMMERCE, BARAMATI.

DIST. PUNE, (M.S.), INDIA

Autonomous Institute

NAAC REACCREDITED A+ GRADE (CGPA: 3.65)

(Affiliated to Savitribai Phule Pune University, Pune)

✽ **DEPARTMENT OF ZOOLOGY** ✽
Celebrates

ॐ Azadi ka Amrit Mahotsav ॐ

ॐ Guest Lecture Series ॐ

“Immune System As A Gallant Warrior Against Pathogens”

Resource Person

Prof. Dr. Kalpana Pai, Dept. of Zoology, SPPU, Pune

Day & Date: Friday, 04th February 2022

Platform: Google Meet

Time: 10:00 am onwards

Link: <https://meet.google.com/hoz-yrxg-mtk>

Sandip P. Chordiya
Head, Dept. of Zoology

Dr. Chandrashekhar Murumkar
Principal



TULJARAM CHATURCHAND COLLEGE, BARAMATI



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BARAMATI (AUTONOMOUS INSTITUTE)
DEPARTMENT OF ZOOLOGY

04/02/2022

IMMUNE SYSTEM- A WARRIOR (2022-02-03 20_25 GMT-8)

**Immune System As A Gallant Warrior
Against Pathogens**

Kalpna Pai
Centre of Advanced Study, Department of Zoology,
Savitribai Phule Pune University,
Pune - 411007
kalpanapai@unipune.ac.in

Tuljaram Chaturchand College, Baramati, 4th Feb' 2022

Kalpana Pai

Activate Windows
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DEPARTMENT OF ZOOLOGY

04/02/2022

Immune System

- functional system
rather than organ system
 - Hematopoetic
 - Vasculature
 - Lymphatic

(a)

Innate defenses	Surface barriers <ul style="list-style-type: none">• Skin• Mucous membranes
	Internal defenses <ul style="list-style-type: none">• Phagocytes• Fever• NK cells• Antimicrobial proteins• Inflammation

(b)

Adaptive defenses	Humoral immunity <ul style="list-style-type: none">• B cells
	Cellular immunity <ul style="list-style-type: none">• T cells

00:14:03

IMMUNE SYSTEM- A WARRIOR (2022-02-03 20_2_...

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Kalpana Pai

Dr. Kalpana Pai Madam giving online lecture on Immune system as a Gallant warrior against pathogen



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Arts, Science & Commerce, Baramati, Pune [M.S.]
[Autonomous]



NAAC Re-accredited 'A+' Grade (CGPA 3.55), ISO 9001-2015 Certified College, Religious Minority Institute

Certificate

This is to certify that Mr. / Miss./ Mrs. Dr.Sandeep Chordiya
participated in the Guest Lecture Series "Immune System as A Gallant Warrior Against Pathogens"
organised by Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati under Internal Quality Assurance Cell

Principal