

"Education for Knowledge, Science and Culture"

-Shikshan maharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur**  
**(Autonomous)**

**Department of Physics**

Guest Lecture on

**“Use of Mathematics in Physics”**

(30<sup>th</sup> November 2021)

Resource Person

**Mr. P. V. Patil**

**Department of Mathematics**

**Padmabhushan Dr. Vasantodada Patil**

**Mahavidyalay,**

**Tasgaon,**

## Table of Information

Sr. No.	Content	Numbers
01	Total Participants	33
02	Female Participants	24
03	Male Participants	9

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**-Shikshanmaharshi Dr. Bapuji Salunkhe**

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### **Notice**

Date: - 29-11-2021

All the students of B.Sc. III, M.Sc. I and M.Sc. II Physics are hereby informed that, a guest lecture on topic **"USE OF MATHEMATICS IN PHYSICS"** will be scheduled on 30<sup>nd</sup> November 2021 at 2.30 pm onwards. Attendance is mandatory.

*f. Anandkar*

Department of Physics

College Recog. No. H.S.C./1074/R-1/DT : 8-8-1976  
College Code No. 23-09-002  
College U.Dise No. 27341301006

“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार”  
शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Estd. : June 1964



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)**

2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur-416003  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA 3.24)  
College with Potential for Excellence by U.G.C., New Delhi  
"Star College" by D.B.T. Govt. of India  
ISO 9001 : 2015



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M.Sc., B.Ed.

Principal  
Dr. R. R. Kumbhar  
M.Sc. M.Phil. Ph.D.

No. VCK/1229/2021-22

Date : 24.11.2021

To,  
Mr. P. V. Patil,  
Department of Mathematics,  
Padmabhushan Dr. Vasantarodada Patil Mahavidyalay,  
Tasgaon, Dist. Sangli .

Sir,

Its our pleasure that we are inviting you as a guest to deliver a  
lecture on “USE OF MATHEMATICS IN PHYSICS” before B.Sc. III,  
M.Sc. I and M.Sc. II physics students on Tuesday date 30/11/2021

We are eagerly waiting for your reply. Please give consent as your  
earliest.

Thanking you,

Yours faithfully,

Dr. R. R. Kumbhar  
**PRINCIPAL**  
Vivekanand College  
Kolhapur.



# Guest Lecture, Department of Physics

Good Luck

Page No.

Date: 30/11/2021,

Attendance Report.

Date

No	Name of the student	Class	Sign
	Prerana P. Rajput	M.Sc. I	<u>Rajput</u>
	Shraddha S chougale	M.Sc. I	<u>chougale</u>
	Priyanka Balaso Khot	M.Sc. I	<u>Khot</u>
	Shubhangi Shivaji Kurade	M.Sc. I	<u>Kurade</u>
	Supriya Dhanaji Rajguru	M.Sc. I	<u>Rajguru</u>
	Vijaya Suresh. Kshirsagar	M.Sc. I	<u>Kshirsagar</u>
	Aishwarya Suryakant Gaiswad	M.Sc. I	<u>Gaiswad</u>
8.	Pratiksha Pandit chougale	M.Sc. II	<u>Phungale</u>
9.	Priyanka Sanjay Patil	M.Sc. II	<u>Patil</u>
10.	Sujata Anandrao Patil	M.Sc. II	<u>Patil</u>
11.	Neha Sunil Thorat	M.Sc. II	<u>Thorat</u>
12.	Shweta Shital Patil	M.Sc. II	<u>Patil</u>
13.	Gouri Govind Jadhav	M.Sc. II	<u>Jadhav</u>
14.	Komal Jotiram Bhosale	M.Sc. II	<u>Bhosale</u>
15.	Rutuja Subhash Shetti	M.Sc. II	<u>Shetti</u>
16.	Snehal Suresh Patil	B.Sc. III	<u>Patil</u>
17.	Asmita Ramesh Patil	B.Sc. III	<u>Patil</u>
18.	Gargi Anil Mude	B.Sc. III	<u>Mude</u>
19.	Vaishnavi Gore	B.Sc. III	<u>Gore</u>
20.	Akshada More	B.Sc. III	<u>More</u>
21.)	Shivani S. Bhatmore	B.Sc. III	<u>Bhatmore</u>
22.)	Manisha Shivram Sawant	M.Sc. II	<u>Sawant</u>
23.)	Sadiya Shaikh	M.Sc. II	<u>Shaikh</u>
24.)	Snehal P Mane	M.Sc. II	<u>Mane</u>
25.)	Gurish Adake	M.Sc. II	<u>Adake</u>
26.)	Pranav Ghosalkar	M.Sc. II	<u>Ghosalkar</u>
27.)	Prasad Kamble	M.Sc. II	<u>Kamble</u>
28.)	Swapnil Shinde	M.Sc. II	<u>Shinde</u>
29.)	Siddhant Deepak Pirale	M.Sc. I	<u>Pirale</u>
30.)	Abhishek Sharad Potdar	B.Sc. III	<u>Potdar</u>
31.)	Shrinivas Mallappa Gudam	B.Sc. III	<u>Gudam</u>
32.)	Ruturaj Sharad Inamdar	B.Sc. III	<u>Ruturaj</u>
33.)	Abhishek		



Vivekanand College, Kolhapur (Autonomous)

Department of Physics

Report of Guest Lecture

Date: 30/11/2021

Resource Persons: Mr. P. V. Patil

Head Department of Mathematics

Attending students: B.Sc. III, M.Sc. I and II

Department of Physics was organized a guest lecture on topic "Use of Mathematics in Physics" for B.Sc. and M.Sc. students on 30/11/2021. The resource person was Mr. P. V. Patil from Department of Mathematics, PDVP College Tasgaon. The main purpose of guest lecture is that, students get new perspectives and opinions that are often missed in regular class. A guest lecture gives students better opportunities to learn about an explicit topic in a way that gets them involved in the class and actively joined in a more convenient way of Teaching.

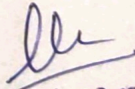
About the guest :

Mr. Prabhakar V. Patil was a M.sc. graduate from mathematics. His specialization for M.Sc. was operational research and lattice theory. He has 33 years of experience as a teacher in mathematics. Presently he is working as a associate professor and Head Department of Mathematics in PDVP college Tasgaon Dist: Sangli. He is expertise in various topic related to Mathematics.

About the programme:

The topic given to resource person was "Use of mathematics in Physics." We all know that mathematics is a important tool of Physics. Without mathematical equation it is not to do anything in Physics. Mr. P. V. Patil today's guest gave us lot of basic information about fundamental laws of Mathematics which are very regularly useful in Physics.

Mostly he explained, what is limit, calculus, differential equations, integration etc. and also he gave us information about future needs of mathematics of Physics students with their career. He taught us two concepts to be implemented and gave the ideas to do the future projects. At the end session, there was gratitude ceremony by giving vote of thanks and the session was over.

  
**Head of the**  
**Department of Physics**  
Vivekanand College, Kolhapur