

## DEPARTMENT OF MATHEMATICS

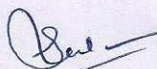
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### Guest Lecture on Derivative Of Multivariable And Matrix

Function : 2022-23

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(Prof. S. P. Patankar)  
**HEAD**  
Department of Mathematics  
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur  
Department of Mathematics  
Notice

All the students of B.Sc. III Mathematics, M.Sc. I and M.Sc. II Mathematics are hereby informed that department has arranged Guest lecture on **Friday ,7<sup>th</sup> October 2022 at 3:00 PM in Room number 19.** It is **compulsory** to attend the guest lecture.



(S.P. Patankar)

**HEAD**

Department of Mathematics  
Vivekanand College, Kolhapur



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

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(स्वायत्त) कोल्हापूर

Ph. : 0231-2658612, 2658840 | Fax : 0231-2658840 | Resi. : 0231-2653962 | Website : www.vivekanandcollege.org | E-mail : info@vivekanandcollege.org

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President  
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MLA

Chairman  
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M.A.

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M.Sc., B.Ed.

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

Ref. No. VCK/ 1250/2022-23

**Invitation Letter**

Date : 6/10/2022

To,  
Prof. Dr. M. S. Bapat,  
Willingdon College,  
Sangli.

**Subject:** Regarding Academic lecture

Respected Sir,

With reference to above mentioned subject, it gives me immense pleasure to invite you to deliver an Academic Lecture on “Derivative of Multivariable and Matrix function” being organised by Department of Mathematics for B. Sc III and M.Sc. I And II students on Friday 07<sup>th</sup> October, 2022. Kindly accept our invitation.

Thanking you.

(Mr. S. P. Patankar)

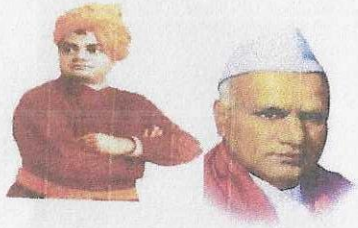
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Department of Mathematics  
Vivekanand College, Kolhapur

(Dr. R. R. Kumbhar)

PRINCIPAL  
Vivekanand College  
Kolhapur.





'ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार'  
-शिक्षणमहर्षी डॉ बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's

**VIVEKANAND COLLEGE, KOLHAPUR**

(Autonomous)

Department of Mathematics

Organize

Guest lecture on

**"Derivative of Multivariable and Matrix Function"**

Date: 07 October 2022

Time : 03:00 PM To 05:30 PM

### Programme Schedule

Welcome & Chief Guest Introduction: Prof. S. P. Patankar

Chief Guest : Prof. Dr. M.S. Bapat

President : Prof. Dr. M. M. Karanjkar

Vote of Thanks: Ms. Namrata Tamgave

Anchoring: Harshad Patil



*Harshad Patil*  
**HEAD**

Department of Mathematics  
Vivekanand College, Kolhapur





*Prithvi*  
**HEAD**

Department of Mathematics  
Vivekanand College, Kolhapur



Vivekanand College, Kolhapur (autonomous)

Department of Mathematics

Guest Lecture : Dr. M.S. Bapat

Attendance Sheet (Boys)

Date : 07/10/2022



Sr.No	Name	Sign
1	Patil Harshad Kisan	PatilK
2	Karape Rajkumar Baban	Karape
3	Maralkar Prathamesh Vitthal	Maralkar
4.	Sourabh Sanjay Vadga	Sourabh
5.	Dnyaneshwar Sunil Garad	Garad
6.	Vinayak Rajaram Teli	Vinayak
7.	Kedar Krishnaath Powar	Kedar
8.	Aditya Ganpat Chilgonde	Aditya
9.	Asham Imam Panhalkar	Asham
10.	Harshvardhan Shankarrao Ghadage	Harshvardhan
11.	KADVEKAR VAIBHAY MARUTI	Kadvekar
12.	Rahim Nurmahamad Nagarji	Rahim
13.	Rushi Chandrakant Dongare	Rushi
14.	Shreyas Balwant Patil	Shreyas
15.	shivam Vinaykumar Patil	Shivam
16.	Harshvardhan Ashok Nikam	Harshvardhan
17.	Aditya Santosh Musale.	Aditya

Hsharat  
HEAD  
Department of Mathematics  
Vivekanand College, Kolhapur



Vivekanand College, Kolhapur (autonomous)

Department of Mathematics

Guest Lecture : Dr. M.S. Bapat

Attendance Sheet (Girls)

Date : 07/10/2022



Sr.No	Name	Sign
1.	Gaikwad Maya Rajendra	Maya
2.	Rutuja Manaj varpe	Rutuja
3.	Shraddha Nitin Magdum	Shraddha
4.	Akanksha Dhanaji Patil	Akanksha
5.	Sayali Sanjivrao Patil	Sayali
6.	Manali Sunil Patil	Manali
7.	Aakanksha Suryaji Desai	Aakanksha
8.	Samruddhi Mahadev Patil	Samruddhi
9.	Priyanka Annasaheb Satpute	Priyanka
10.	Susekha APPASAHEB SCAMRANI	Susekha
11.	Mayuri Bhimrao Yadav	Mayuri
12.	Purnima Anil Patole	Purnima
13.	Vaishnavee Navnath Thakare	Vaishnavee
14.	Sanika Nandkumar Sokasane	Sanika
15.	Sanjana Sanjay Patil	Sanjana
16.	Samruddhi Suresh Mali.	Samruddhi
17.	Shruti Vinay Gutte.	Shruti
18.	Nikita Ashok Patil	Nikita
19.	Supriya Kaishnat Kumbhar	Supriya
20.	Aepita Laxman Kamble.	Aepita
21.	Pradnya Arun Mali	Pradnya
22.	Pradnya Nandkumar Nandudkar	Pradnya
23.	Rutuja Jaywant Birje	Rutuja
24.	Priya Shivling Koneji	Priya

hithorak  
HEAD

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Ref. No. VCK/ समक्ष/2022-23

Date : 7/10/2022


**Appreciation Letter**


To,  
Prof. Dr. M. S. Bapat,  
Willingdon College,  
Sangli.

Subject: Letter of Appreciation

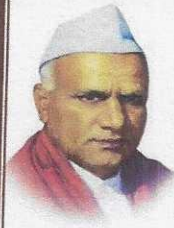
Respected Sir,

We appreciate your knowledgeable and interactive lecture on “Applications Of Linear Algebra” delivered on Friday 07<sup>th</sup> October, 2022. Your contribution has been valuable to our students and we look forward for the same co-operation in the future.

  
(Mr. S. P. Patankar)  
**HEAD**  
Department of Mathematics  
Vivekanand College, Kolhapur

  
(Dr. R. R. Kumbhar)  
**PRINCIPAL**  
Vivekanand College  
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2022-23

*Report: Guest Lecture*



1. Name of Department : Mathematics
2. Name of Organized Activity : Derivative of Multivariable and Matrix Function
3. Date/ Duration : 07/10/2022
4. Aims and Objectives : 1. Development of new concepts of Advanced calculus  
2. Acquire knowledge of Derivative of Multivariable and Matrix Function
5. No. of beneficiaries : Total = 55

Students	Male	17
	Female	38

6. Expenditure & funding agency : College Funds

7. Brief description : On the behalf of Mathematics department , Guest lecture by Dr M.S. Bapat (Head of the Department of Willingdon College, Kolhapur) was organised. He spoke about **Derivative of Multivariable and Matrix Function**. Programme was started by introduction of speaker given by Head of department of Mathematics , Mr S.P. Patankar . Dr. M.M. Karanjkar was preside over Function. Lecture was very informative. Students of B.Sc. III Mathematics Mr. Harshad Patil successfully carried the role of anchor. Vote of thanks was given by Ms. Namrata Tamgave a faculty of Department of Mathematics. All faculties were present at programme

8. Outcomes : 1. Students understood the importance of Matrix Function  
2. Students Acquired knowledge of Advanced Calculus concepts

9. Photos : Enclosed

10. Signatures of coordinator/ organizer: Mr. S.P. Thorat

*S.P. Thorat*  
HEAD

Department of Mathematics  
Vivekanand College, Kolhapur