

# Department of Mathematics

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### A guest lecture on “Mathematics with AI”

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Shikshan Prasarak Sanstha's  
**Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal**  
**Department of Mathematics**

Date: 16/01/2026

## Notice

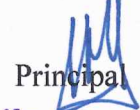
All the students of B.Sc. I (mathematics) and B.Sc. II (Mathematics) are hereby informed that, a guest lecture on "Mathematics with AI" is arranged on 19/01/2026 at 11.00 AM. You all are expected to be present on 10.50 AM on 19/01/2026. Attendance is compulsory.

**Venue:** Annex Building, Room No. 19



IQAC co-ordinator

**HEAD,**  
**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, Kavathe Mahankal,**  
**Dist.-Sangli.**



Principal  
**Acting Principal**  
**Padmabhushan Vasantrodada Patil**  
**Mahavidyalaya, K. Mahankal, Dist. Sangli.**



**PADMABHUSHAN VASANTRAODADA PATIL MAHAVIDYALAYA**

KAVATHE MAHANKAL, Dist. Sangli (Maharashtra) Pin- 416 405

Acting Principal (Dr.) G. D. Kore M.Sc., Ph.D.

Mob.8668449680

NAAC 4<sup>th</sup> Cycle accredited "B++" with CGPA 2.81

Jr. College Index No. J 22.04.002

AISHE CODE: C-11026

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[kvt95.cl@unishivaji.ac.in](mailto:kvt95.cl@unishivaji.ac.in)

Ref. No. PVPMKM/

Date: 15/01/2026

To,  
Miss. Gouri N. More,  
Teacher,  
Zilla Parishad School,  
Jaitapur, Satara.

**Sub: - Invitation as a Resource Person for Guest lecture  
on "Mathematics with AI".**

Respected Madam,

Greetings from Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal.

It is indeed a great pleasure for me to bring to your kind notice that we are organizing a guest lecture on "Mathematics with AI".

In this respect, I take this opportunity to invite you as a Resource Person for this guest lecture organized by Department of Mathematics of Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal to be held on Monday, 19<sup>th</sup> January 2026 at 11:00 a.m.

I request you to kindly accept our invitation and give us an opportunity to listen to your scholarly expertise and oblige.

Thank you.

Yours Sincerely,

Acting Principal

PVP Mahavidyalaya, Kavathe Mahankal  
Mahavidyalaya, K. Mahankal, Dist. Sangli.





**PADMABHUSHAN VASANTODADA PATIL MAHAVIDYALAYA**

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Ref. No. PVPMKM/

Date: 19/01/2026

To,  
**Miss. Gouri N. More,**  
Teacher,  
Zilla Parishad School,  
Jaitapur, Satara.

**Sub.: Letter of appreciation.**

Respected Madam,

Greetings from Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

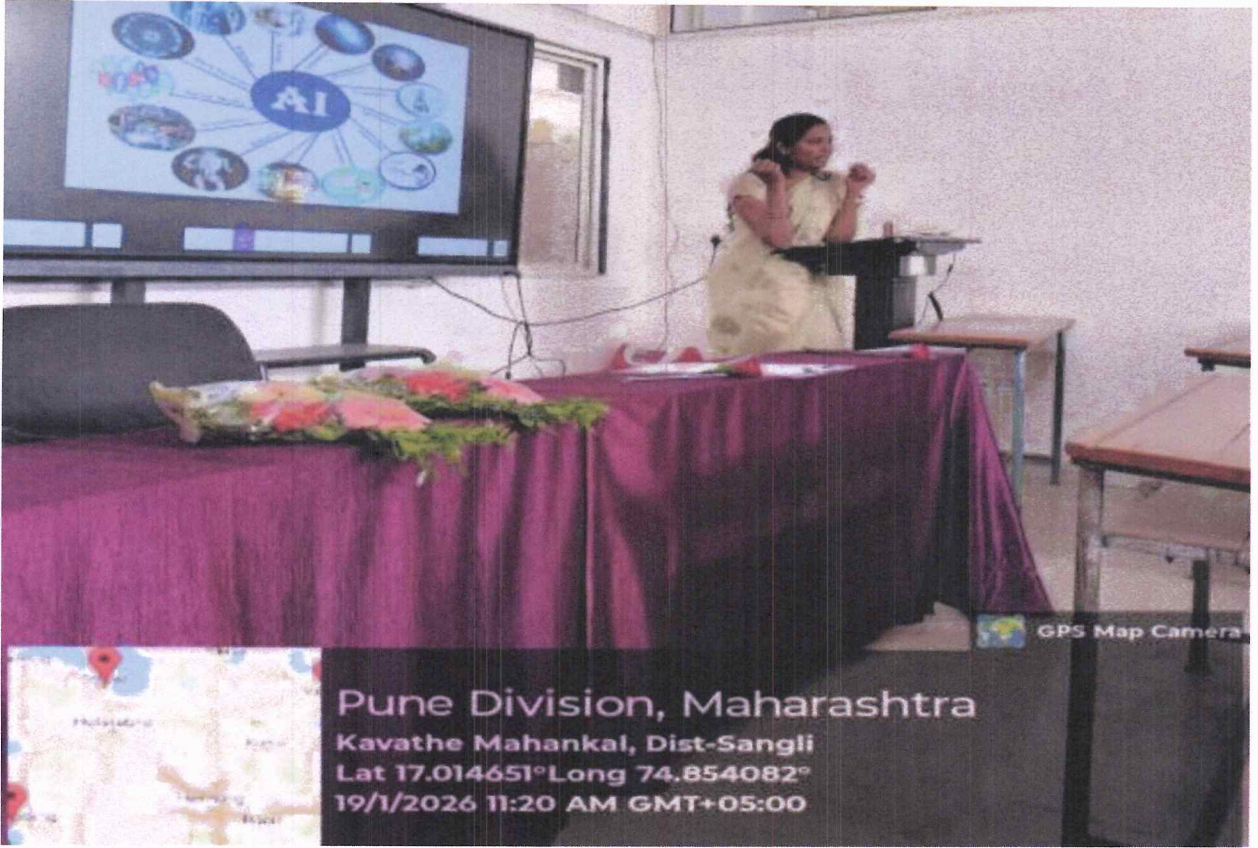
I take this opportunity to express my sense of thankfulness towards you for delivering a guest lecture on "Mathematics with AI", held on Monday, 19<sup>th</sup> January 2026, organized by Department of Mathematics of PVP Mahavidyalaya, Kavathe Mahankal. Your deliberations at the event proved to be a vital impetus for us. Once again I thank you for the same.

Thank you.

Yours Sincerely,

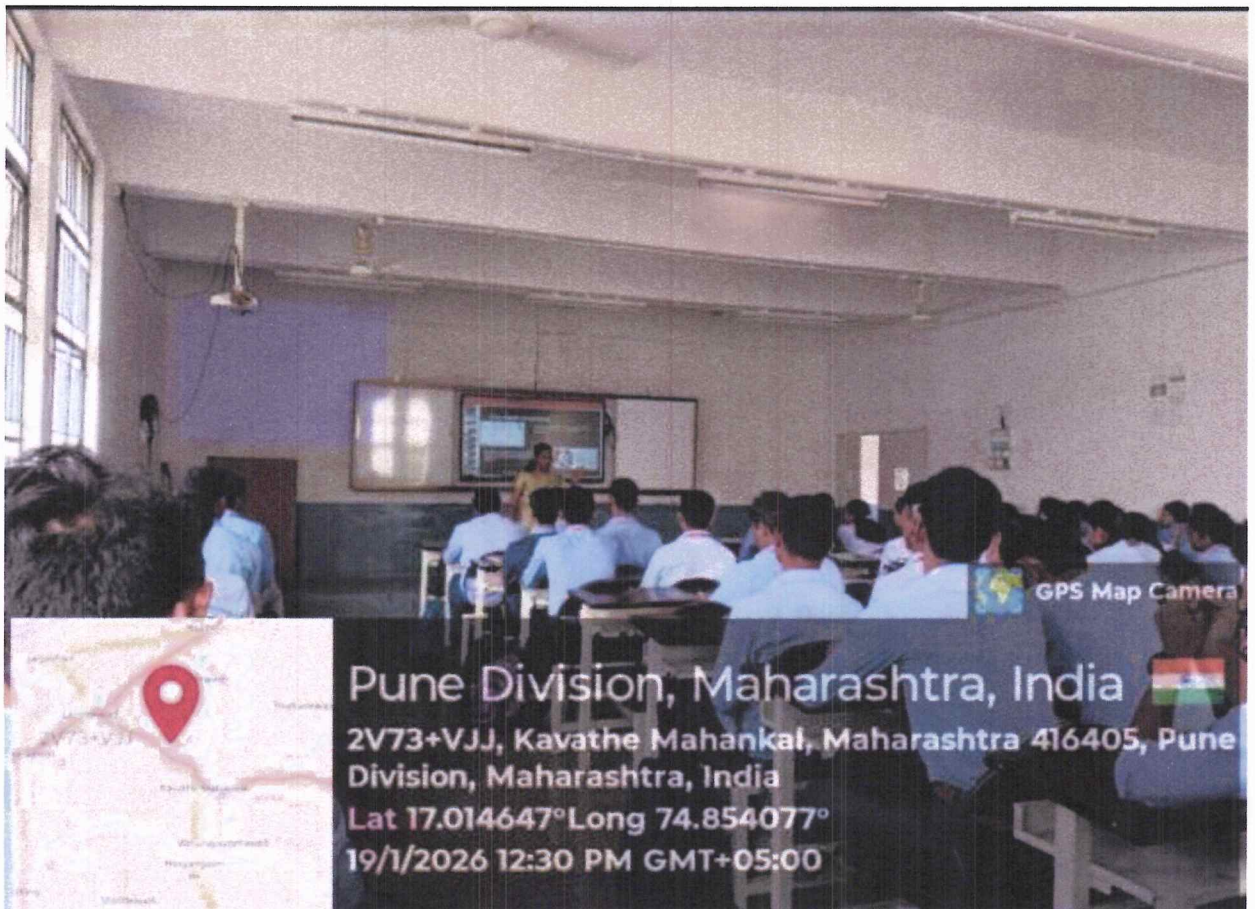


**Acting Principal**  
Padmabhushan Vasantodada Patil  
Mahavidyalaya, K. Mahankal Dist. Sangli.



Pune Division, Maharashtra  
Kavathe Mahankal, Dist-Sangli  
Lat 17.014651° Long 74.854082°  
19/1/2026 11:20 AM GMT+05:00

GPS Map Camera



Pune Division, Maharashtra, India   
2V73+VJJ, Kavathe Mahankal, Maharashtra 416405, Pune  
Division, Maharashtra, India  
Lat 17.014647° Long 74.854077°  
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## Shikshan Prasarak Sanstha's

Padmabhushan Vasantraodada Patil Mahavidyalaya, Kavathe Mahankal

## DEPARTMENT OF MATHEMATICS

## Attendance Sheet

Sr. No.	Name	Class	Sign
1.	Atharv Pravin Managave	B.Sc. I	<del>APM</del>
2.	Dhananjay Hamant Mane	B.Sc. I	Dhananjay
3.	Harshvardhan Navarath Pabli	B.Sc. I	HURAJI
4.	Diksha Dattatray Katkar.	B.Sc. I	D.D. KATKAR.
5.	Lakshmi Ninappa Khandekar	B.Sc. I	L.N. Khandekar
6.	Amruta Arun Mali	BSC-I	Amali
7.	Suraj Vilas Harage	BSC-I	<del>SHU</del>
8.	Samudhi Sharad Bidave	B.S.C-I	S.S. Bidave
9.	Pragati Vivekanand More	Bsc-1	Pratibha
10.	Chaitani Sambhaji Langate	BSC-I	Chaitani
11.	Shrutika Suresh Kadam	B.S.C-I	SS Kadam
12.	Pratiksha Laxman Sangar	B.S.C.I	Pratiksha
13.	Harshvardhan Deepak Shinde	B. Sc I	HS
14.	Darshit Yashwant Gurusu.	B.S.C-I	Darshit
15.	Prachi Pradip Patil	B.sc -I	Prachi
16.	Pratik Shrikant Patil	B.S.C.I	P.S. Patil
17.	Prachi Pradip Patil	B.Sc.I	Prachi
18.	Puja Arun Dudhal	B.Sc. I	AD Dudhal
19.	Chetana Babarabeb Kshirsagar	B.Sc. II	CKshirsagar
20.	Swapnali Ramdas Shinde	B.Sc. II	SRShinde
21.	Patil Dhiraj Sanjay	B.S.C. II	DPatil
22.	Saniket Rajkumar Desai	B.Sc. II	(SR Desai)
23.	Anushka Sanjay Shinde	B.Sc. II	AShinde
24.	Sanket Subhash Deshinge	B.Sc. II	SS Deshinge
25.	Gayatri Dhamesh Vankhade	B.Sc. II	GD Vankhade
26.	Sanjeevani Bhaskar Patil	B.Sc. II	SPatil
27.	Sanket Shivaji Karande	B.Sc. II	SS Karande

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## Report of Guest lecture:

### Report of a guest lecture on “Mathematics with AI”

Title	A guest lecture on “Mathematics with AI”		
Day and Date	Monday, 19/01/2026		
Organizer	P. V. P. Mahavidyalaya, Kavathe Mahankal		
Funding	P. V. P. Mahavidyalaya, Kavathe Mahankal		
Co-ordinator	Mr. R. A. Dudhal (Asso. Prof)		
Resource Person	<b>Miss. Gouri N. More,</b> Teacher, Zilla Parishad School, Jaitapur, Satara.		
Background	<ul style="list-style-type: none"><li>• In the era of the Fourth Industrial Revolution, artificial intelligence is reshaping how knowledge is created, analyzed, and applied across disciplines, and mathematics forms the foundational language behind most AI algorithms and models.</li><li>• A guest lecture on “Mathematics with AI” therefore becomes timely for students to understand both how mathematical concepts power AI systems and how AI can, in turn, enhance the learning and teaching of mathematics.</li></ul>		
Objective	<ul style="list-style-type: none"><li>• The guest lecture on “Mathematics with AI” is designed to: Familiarize students with key mathematical ideas (such as linear algebra, calculus, probability, and optimization) that underpin modern AI and machine learning techniques.</li><li>• Demonstrate practical examples of how AI tools can support learning in school and college mathematics through personalized practice, intelligent assessment, and interactive visualizations.</li><li>• Motivate students to explore emerging academic and career pathways at the intersection of mathematics, data science, and artificial intelligence.</li></ul>		
Conclusion	<ul style="list-style-type: none"><li>• The guest lecture on “Mathematics with AI” successfully highlighted that mathematics is not only essential for designing reliable and transparent AI systems but also benefits from AI-powered tools that can enrich teaching and learning practices.</li><li>• Participants gained clearer insight into core mathematical structures behind AI, saw demonstrations of classroom-ready AI applications for mathematics, and engaged in discussions on responsible and meaningful integration of AI in their future studies and professional lives.</li></ul>		
Photos	Enclosed		
No. of beneficiaries	Total – 27		
	Students	Male	10
		Female	17

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