

**Shikshan Prasarak Sanstha's  
Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal  
Department of Statistics**

**Report on  
Project Presentation Competition  
In  
A One-day Symposium on Statistical Exploration of Real Problems**

**(MoU Activity)**

**Date : 10 February 2026**

**Submitted to**


**Internal Quality Assurance Cell (IQAC)**

## One Page Report

|             |  |
|-------------|--|
| Title       | <b>Report of Project Presentation Competition</b>  |
| Date        | <b>10 February 2026</b>  |
| Organizer   | <b>Department of Statistics, Shivaji University, Kolhapur &amp; SUSTA</b>  |
| Funding     | Department of Statistics, Shivaji University, Kolhapur & SUSTA   |
| Coordinator | Department of Statistics, Shivaji University, Kolhapur & SUSTA   |
| Background  | The project presentation competition was organized to provide a platform for undergraduate students to showcase their research and innovative projects. The event aimed to foster a spirit of innovation, teamwork, and communication among students. It also sought to encourage students to apply theoretical concepts to real-world problems.   |
| Objective   | To provide an opportunity to UG, PG, and research students, and teachers of Statistics to come together and explore on the real-life applications of Statistics through case study-demonstrations and consultations in various fields<br>To bring together the statisticians and researchers/practitioners in various fields to discuss about possible statistical solutions to various problems and possible interdisciplinary research collaborations.<br>To provide an opportunity to Statistics teacher to discuss possible innovations and problems in Statistics teaching/training |
| Conclusion  | The project presentation competition was a resounding success, with students demonstrating exceptional creativity and knowledge. The event highlighted the importance of experiential learning and provided valuable feedback for future improvements. It also showcased the potential of our undergraduate students to contribute meaningfully to their respective fields.  |

### Brief summary Table

|                |                              |   |               |              |
|----------------|------------------------------|---|---------------|--------------|
| <b>Sr. No.</b> | <b>Organizing department</b> | <b>Department of Statistics, Shivaji University, Kolhapur &amp; SUSTA</b> |               |              |
| <b>1</b>       | <b>Title of Activity</b>     | <b>Project Presentation Competition</b>                                   |               |              |
| <b>2</b>       | <b>Date of Activity</b>      | <b>15 February 2025</b>   |               |              |
| <b>3</b>       | <b>Venue</b>                 | <b>Department of Statistics, Shivaji University</b>                       |               |              |
| <b>4</b>       | <b>Participation</b>         |   |               |              |
|                |                              | <b>Male</b>   | <b>Female</b> | <b>Total</b> |
|                | <b>Teachers</b>              | <b>02</b>   | <b>00</b>     | <b>02</b>    |
|                | <b>Students</b>              | <b>01</b>   | <b>19</b>     | <b>20</b>    |
|                | <b>Total</b>                 | <b>03</b>   | <b>19</b>     | <b>22</b>    |

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

Boucher:



## Shivaji University, Kolhapur Department of Statistics



is organizing

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### A One-day Workshop on Statistical Exploration of Real Problems

February 10, 2026

**Target groups of participants:** B. Sc. III Statistics students and Statistics teachers in the jurisdiction of Shivaji University, Kolhapur, KBP University, Satara, and PAH Solapur University, Solapur

#### Objectives of the Workshop

- To bridge the gap between theoretical knowledge and real-world applications of statistics
- To promote innovative thinking and problem-solving through project-based learning

#### Workshop Highlights

##### 1. Expert Lectures

- Topic: *Statistical Exploration of Real Problems*
- Key Speakers

1. **Dr. Anil P. Gore**, Retired Professor, SPPU, Pune.
2. **Dr. Shashibhushan B. Mahadik**, Professor and Head, Department of Statistics, Shivaji University, Kolhapur
3. **Dr. Somanath D. Pawar**, Assistant Professor, Department of Statistics, Shivaji University, Kolhapur

##### 2. Interactive Session

- *My Statistics My Life*: An inspiring interview with a Distinguished Alumnus of the Department of Statistics, SUK who has built a successful career in statistics.

##### 3. Project Competition for B.Sc. III Statistics Students (In association with Shivaji University Statistics Teachers' Association)

- Theme: *Estimation of Monthly per Capita Vehicle Fuel Consumption in My Locality*

#### Registration

- Registration fee: Rs. 200/- (non-refundable).  
Registration fee covers breakfast, lunch, and tea.
- **Registration Deadline:** January 31, 2026

For registration: Click below

[https://sukapps.unishivaji.ac.in/WorkshopConferenceSeminarPro\\_app/#/login](https://sukapps.unishivaji.ac.in/WorkshopConferenceSeminarPro_app/#/login)

#### Organizing Committee

|                                  |                             |                   |
|----------------------------------|-----------------------------|-------------------|
| Prof. S. B. Mahadik, Chairperson | Dr. S. V. Rajguru, Convener | Dr. S. D. Pawar   |
| Dr. S. S. Sutar                  | Dr. S. M. Patil             | Mr. S. K. Ganjawe |
| Dr. (Smt.) S. S. Godase          | Dr. P. Y. Patil             | Mr. V. V. Koshti  |
| Dr. A. V. Dorugade               | Dr. R. H. Waliv             | Dr. D. G. Godase  |
| Miss. P. S. Jadhav               |                             |                   |

#### For further details, contact

Dr. S. V. Rajguru (Convener)  
Department of Statistics, Shivaji University, Kolhapur 416004  
Email: [svr\\_stats@unishivaji.ac.in](mailto:svr_stats@unishivaji.ac.in)  
Mobile No. : 7276347613



Permission Letter:

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

DEPARTMENT OF STATISTICS

Date: 09/02/2026

To,  
The Principal,  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, Kavathe Mahankal

**Subject: Permission for Participation in One-Day Symposium on Statistical Exploration of Real Problems**

Respected Sir,

I am writing to request permission for the students of B.Sc. III (Statistics) to participate in the upcoming One-Day Symposium on "Statistical Exploration of Real Problems", including the associated project competition. The event is scheduled to be held on 10 February 2026 at the Department of Statistics, Shivaji University, Kolhapur.

After reviewing the details of the symposium and the competition, I am confident that this opportunity will greatly benefit our students by allowing them to apply their statistical knowledge in practical scenarios and engage with real-world problems. This experience will not only enhance their academic skills but also foster their critical thinking and problem-solving abilities.

The students will be accompanied by Mr. V. V. Koshti and Dr. A. M. Suryawanshi, who will oversee their participation and ensure their well-being during the event.

Kindly grant permission for the participation of the above students.

Thank you.

*San chand  
M. V.  
Patil*

Yours faithfully,  
*Koshti*  
Head  
Department of Statistics  
Head, Department of Statistics  
Kavathe Mahankal, Dist.-Sangli.

**Attachment:** List of Students Participating in the Symposium




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

**Date: 23 January 2026**

**NOTICE**

All the B. Sc. III Statistics students are hereby informed that, Department of Statistics of Shivaji University Kolhapur and Shivaji University Statistics Teachers` Association (SUSTA) is Organizing Project Competition for UG Statistics Students on 10 February 2026. Those students who are interested contact to Department of Statistics before 28<sup>th</sup> January 2026

  
**Head**  
**Department of Statistics**  
**P.V.P. Mahavidyalaya,**  
**Kavathe Mahankal, Dist.-Sangli.**

*Shikshan Prasarak Santha's*  
**Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal**  
**Department of Statistics**

Participation in "A One-day Workshop on Statistical Exploration of Real Problems" on 10<sup>th</sup> February 2026

*Participants List*

| Sr. No. | Name of Student                  | Village            | Mobile No. |
|---------|----------------------------------|--------------------|------------|
| 1       | Miss. Amruta Namdev Bhosale      | Malangaon          | 9370099688 |
| 2       | Miss. Dhanashri Sarjerao Bhosale | Ranjani            | 9172954608 |
| 3       | Miss. Pranali Uttam Zambare      | Malangaon          | 9156862942 |
| 4       | Miss. Rohini Bhairappa Mali      | Amrutwadi (Jat)    | 9518368910 |
| 5       | Miss. Supriya Shrimant Solankar  | Achakanhalli (Jat) | 8010786853 |
| 6       | Miss. Swaranjali Sanjay Karande  | Kuktoli            | 8767841790 |
| 7       | Miss. Vaishnavi Bharat Bhosale   | Agran Dhulgaon     | 8767762650 |
| 8       | Miss. Pranali Jayant Kore        | Kokale             | 9403538571 |
| 9       | Miss. Vaishnavi Kakaso Patil     | Erali              |            |
| 10      | Miss. Sayali Balkrishna Bhosale  | Agran Dhulgaon     | 7028312256 |
| 11      | Miss. Vishakha Vilas Patil       | Jaigaon            | 7821961982 |
| 12      | Mr. Pitambar Gajanan Kalyankar   | Kavathe Mahankal   | 9503619559 |
| 13      | Miss. Anushka Sanjay Shinde      | Kuchi              | 7821848991 |
| 14      | Miss. Gayatri Dhamesh Vankhede   | Kavathe Mahankal   | 9146961218 |
| 15      | Miss. Sanika Rajkumar Desai      | Kuchi              | 9960244434 |
| 16      | Miss. Mohite Pooja Kakaso        | Langarpeth         | 9322172091 |
| 17      | Miss. Diksha Sanjay Garad        | Langarpeth         | 9307046628 |
| 18      | Miss. Arti Anil Tone             | Dhalewadi          | 8265073739 |
| 19      | Miss. Divya Subhash Koshti       | Dhalewadi          | 9890115526 |
| 20      | Miss. Sanika Navanath Salunkhe   | Dhalewadi          | 7972336622 |

  
**Head**

**Department of Statistics**  
F.V.P. Mahavidyalaya,  
Kavathe Mahankal, Dist.-Sangli.

Attendance Certificate:



SHIVAJI UNIVERSITY, KOLHAPUR  
DEPARTMENT OF STATISTICS



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**ONE-DAY WORKSHOP ON  
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February 10, 2026

**CERTIFICATE**

This is to certify that Dr./Mr./Ms. Amruta Namdev Bhosale  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*One-day Workshop on Statistical Exploration of Real Problems* on February 10, 2026. The  
workshop was organized by the Department of Statistics, Shivaji University, Kolhapur.



Date: February 10, 2026  
Place: Kolhapur

  
Dr. S. V. Rajguru  
Convener

  
Prof. S. B. Mahadik  
Chairman



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This is to certify that Dr./Mr./Ms. Diksha Sanjay Gorad  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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February 10, 2026

## CERTIFICATE

This is to certify that Dr./Mr./Ms. Divya Subhash Koshti  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*One-day Workshop on Statistical Exploration of Real Problems* on February 10, 2026. The  
workshop was organized by the Department of Statistics, Shivaji University, Kolhapur.



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## CERTIFICATE

This is to certify that Dr./Mr./Ms. Gayatri Dhamesh Vankhede  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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workshop was organized by the Department of Statistics, Shivaji University, Kolhapur.



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This is to certify that Dr./Mr./Ms. Pooja Kakaso Mohite  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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This is to certify that Dr./Mr./Ms. Pranali Jayant Kore  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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This is to certify that Dr./Mr./Ms. Pranali Uttam Zambare  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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CERTIFICATE

This is to certify that Dr./Mr./Ms. Rohini Bhairappa Mali  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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## ONE-DAY WORKSHOP ON STATISTICAL EXPLORATION OF REAL PROBLEMS

February 10, 2026

### CERTIFICATE

This is to certify that Dr./Mr./Ms. Sanika Navanath Salunkhe  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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This is to certify that Dr./Mr./Ms. Sanika Rajkumar Desai  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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CERTIFICATE

This is to certify that Dr./Mr./Ms. Sayali Balkrushna Bhosale  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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CERTIFICATE

This is to certify that Dr./Mr./Ms. Supriya Shrimant Solankar  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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## ONE-DAY WORKSHOP ON STATISTICAL EXPLORATION OF REAL PROBLEMS

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### CERTIFICATE

This is to certify that Dr./Mr./Ms. Swaranjali Sanjay Karande  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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CERTIFICATE

This is to certify that Dr./Mr./Ms. Vaishnavi Kakaso Patil  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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workshop was organized by the Department of Statistics, Shivaji University, Kolhapur.



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This is to certify that Dr./Mr./Ms. Vishakha Vilas Patil  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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**CERTIFICATE**

This is to certify that Dr./Mr./Ms. Pitambar Gajanan Kalyankar  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*One-day Workshop on Statistical Exploration of Real Problems* on February 10, 2026. The  
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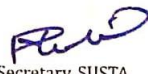



Date: February 10, 2026  
Place: Kolhapur

  
Dr. S. V. Rajguru  
Convener

  
Prof. S. B. Mahadik  
Chairman

Project Presentation Certificate:

|  |   |   |
|--|---|---|
|  <p>Shivaji University<br/>KOLHAPUR<br/>ESTD. 1962<br/>Accredited by N.A.A.C. (2021)<br/>with U.P.A. 1.52</p>   | <p><b>DEPARTMENT OF STATISTICS,<br/>SHIVAJI UNIVERSITY, KOLHAPUR</b></p> <p>and</p> <p><b>SHIVAJI UNIVERSITY STATISTICS TEACHERS'<br/>ASSOCIATION (SUSTA)</b></p> |  <p>SUSTA<br/>1 2 1 0 1 2 3<br/>Making Students Smarter in Statistics</p>                              |
| <p><b>Project Competition for B. Sc. III Statistics Students (PCBSS-2026)</b></p> <p><b>CERTIFICATE</b></p>  |   |   |
| <p>This is to certify that a team of following students of <u>PVP Mahavidyalaya, Kavathe Mahankal</u> has participated in the Project Competition for B. Sc. III Statistics Students (PCBSS-2026) organized by the Department of Statistics, Shivaji University, Kolhapur in association with Shivaji University Statistics Teachers' Association.</p> |   |   |
| <p>1. <u>Bhosale Dhanashri Sarjerao</u></p> <p>2. <u>Bhosale Vaishnavi Bharat</u></p> <p>3. <u>Mali Rohini Bhairappa</u></p>   |   |   |
| <p>The team won the <u>First</u> prize in the competition.</p>   |   |   |
| <p><b>Date:</b> February 10, 2026<br/><b>Place:</b> Kolhapur</p>   | <p><br/>Secretary, SUSTA</p>  | <p><br/>Head, Department of Statistics<br/>Shivaji University, Kolhapur<br/>and President, SUSTA</p> |

Photos:



Dhanashri Bhosale , Vaishnavi Bhosale and Rohini Mali Presenting a Project in Project Presentation Competition Shivaji University Kolhapur. (Date: 10 Feb 2026)





Dhanashri Bhosale , Vaishnavi Bhosale and Rohini Mali got a First prize in Project Presentation Competition Shivaji University Kolhapur. (Date: 10 Feb 2026)



# शिवाजी विद्यापीठातील प्रकल्प सादरीकरण स्पर्धेत पी.व्ही.पी. कॉलेज कवठेमहाकाळ चा प्रथम क्रमांक

कवठेमहाकाळ-शिवाजी विद्यापीठ, कोल्हापूर येथील सांख्यिकी विभाग आणि शिवाजी युनिव्हर्सिटी स्टॅटिस्टिक्स टीचर्स असोसिएशन (SUSTA) यांच्या संयुक्त विद्यमाने PMAUSHA योजनेअंतर्गत आयोजित Statistical Exploration of Real Problems या एकदिवसीय कार्यशाळेमध्ये घेण्यात आलेल्या प्रोजेक्ट प्रेझेंटेशन स्पर्धेत पद्मभूषण वसंतरावदादा पाटील महाविद्यालय, कवठेमहाकाळ येथील विद्यार्थ्यांनी प्रथम क्रमांक पटकावून महाविद्यालयाच्या शिरपेचात मानाचा तुरा

रोबला."Estimation of Monthly per Capita Vehicle Fuel Consumption in My Locality' या विषयावर आधारित प्रकल्प सादर करताना विद्यार्थिनींनी आपल्या स्थानिक परिसरातील वाहन इंधन वापराचे सांख्यिक विश्लेषण अत्यंत अभ्यासपूर्ण व शास्त्रशुद्ध पद्धतीने मांडले. सर्वेक्षण रचना, डेटा संकलन, वर्गीकरण, तक्ते व आलेखांच्या साहाय्याने विश्लेषण तसेच निष्कर्षांची मांडणी या सर्व बाबींमध्ये त्यांचे सादरीकरण विशेष

ठरले. या विजेत्या संघात धनश्री सज्जराव भोसले,रोहिणी भैराण्या माळी, आणि वैष्णवी भारत भोसले या बी.एस.सी. तृतीय वर्ष सांख्यिकीच्या विद्यार्थिनींचा समावेश होता.या स्पर्धेत शिवाजी विद्यापीठ, के.बी.पी. विद्यापीठ सातारा तसेच सोलापूर विद्यापीठ कार्यक्षेत्रातील विविध महाविद्यालयांनी सहभाग नोंदविला

होता. अंतिम सादरीकरणासाठी निवड झालेल्या पाच संघांमध्ये तीव्र स्पर्धा झाली. परीक्षक प्रा. डॉ. शशीभूषण महाडिक आणि डेटा विश्लेषण प्रा. डॉ. धीरेंद्रनाथक शर्मा यांच्या मार्गदर्शनाखाली विद्यार्थिनींच्या सांख्यिक दृष्टिकोनातून, डेटावरील पकड आणि आत्मविश्वासपूर्ण सादरीकरणाचे विशेष कौतुक केले.या यशाबद्दल शिक्षण प्रसारक संस्थेचे अध्यक्ष बाळासाहेब (तात्या) शिंदे, उपाध्यक्ष सुरेश (बापू)पाटील, सचिव सुदर्शन

शिंदे, माजी विद्यार्थी संघटनेचे अध्यक्ष विशाल शिंदे, महाविद्यालयाचे प्रा.प्रचार्य डॉ. जी. डी. कोरे, व्यवस्थापन मंडळ तसेच सांख्यिकी विभाग प्रमुख प्रा. विजय कोटी, व मार्गदर्शक डॉ. अण्णासाहेब सुर्यवंशी यांच्या मार्गदर्शनाखाली विद्यार्थिनींचे अभिनंदन केले. विद्यार्थिनींनीही या स्पर्धेमुळे सांख्यिकी विषयाची प्रत्यक्ष जीवनातील उपयुक्तता अधिक स्पष्ट झाली असून संशोधनाभिमुख दृष्टिकोनातून विकसित झाल्याची भावना व्यक्त केली.या उद्वेगनीय यशामुळे महाविद्यालयाच्या सांख्यिकी विभागाची शैक्षणिक गुणवत्ता अधोरेखित झाली.



दै. रिपब्लिकन गार्ड, नांदेड :दि. १३/०२/२०२६.





शब्दांना सत्याची धार



एल.व्ही



न्यूज

मुख्य संपादक:-विलास उत्तम लोखंडे

जाहिरात व बातमी साठीसंपर्क8208879266

गुरुवार दि 12/02/2026



LV News Marathi

सांगली कवठेमहांकाळ शैक्षणिक पानं2

शिवाजी विद्यापीठातील प्रकल्प सादरीकरण स्पर्धेत पी.व्ही.पी. कॉलेज कवठेमहांकाळ चा प्रथम क्रमांक



या यशाबद्दल शिक्षण प्रसारक संस्थेचे अध्यक्ष बाळासाहेब (तात्या) शिंदे, उपाध्यक्ष सुरेश (बापू)पाटील, सचिव सुदर्शन शिंदे, माजी विद्यार्थी संघटनेचे अध्यक्ष विशाल शिंदे, महाविद्यालयाचे प्र.प्राचार्य डॉ. जी. डी. कोरे, व्यवस्थापन मंडळ तसेच सांख्यिकी विभाग प्रमुख प्रा. विजय कोष्टी, व मार्गदर्शक डॉ. अण्णासाहेब सूर्यवंशी, गणेश सातपुते, शीतल पाटील या प्राध्यापकांनी विद्यार्थिनींचे अभिनंदन केले. विद्यार्थिनींनीही या स्पर्धेमुळे सांख्यिकी विषयाची प्रत्यक्ष जीवनातील उपयुक्तता अधिक स्पष्ट झाली असून संशोधनाभिमुख दृष्टिकोन विकसित झाल्याची भावना व्यक्त केली.या उल्लेखनीय यशामुळे महाविद्यालयाच्या सांख्यिकी विभागाची शैक्षणिक गुणवत्ता अधोरेखित झाली असून भविष्यातील स्पर्धासाठी विद्यार्थ्यांना प्रेरणा मिळाली आहे.

कवठेमहांकाळ : दि १२ (प्रतिनिधी- प्रा. विजय कोष्टी) शिवाजी विद्यापीठ, कोल्हापूर येथील सांख्यिकी विभाग आणि शिवाजी युनिव्हर्सिटी स्टॅटिस्टिक्स टीचर्स असोसिएशन (SUSTA) यांच्या संयुक्त विद्यमाने PM-USHA योजनेअंतर्गत आयोजित “Statistical Exploration of Real Problems” या एकदिवसीय कार्यशाळेमध्ये घेण्यात आलेल्या प्रोजेक्ट प्रेझेंटेशन स्पर्धेत पद्मभूषण वसंतरावदादा पाटील महाविद्यालय, कवठेमहांकाळ येथील विद्यार्थ्यांनी प्रथम क्रमांक पटकावून महाविद्यालयाच्या शिरपेचात मानाचा तुरा रोवला. ‘Estimation of Monthly per Capita Vehicle Fuel Consumption in My Locality’ या विषयावर आधारित प्रकल्प सादर करताना विद्यार्थिनींनी आपल्या स्थानिक परिसरातील वाहन इंधन वापराचे सांख्यिक विश्लेषण अत्यंत अभ्यासपूर्ण व शास्त्रशुद्ध

पद्धतीने मांडले. सर्वेक्षण रचना, डेटा संकलन, वर्गीकरण, तक्ते व आलेखांच्या साहाय्याने विश्लेषण तसेच निष्कर्षांची मांडणी या सर्व बाबींमध्ये त्यांचे सादरीकरण विशेष ठरले. या विजेत्या संघात धनश्री सर्जेराव भोसले,रोहिणी भैराप्पा माळी, आणि वैष्णवी भारत भोसले या बी.एस्सी. तृतीय वर्ष सांख्यिकीच्या विद्यार्थिनींचा समावेश होता. या स्पर्धेत शिवाजी विद्यापीठ, के.बी.पी. विद्यापीठ सातारा तसेच सोलापूर विद्यापीठ कार्यक्षेत्रातील विविध महाविद्यालयांनी सहभाग नोंदविला होता. अंतिम सादरीकरणासाठी निवड झालेल्या पाच संघांमध्ये तीव्र स्पर्धा झाली. परीक्षक प्रा. डॉ. शशीभूषण महाडिक आणि डेटा सायन्स क्षेत्रातील तज्ज्ञ गणेश खटावकर यांनी विद्यार्थिनींच्या सांख्यिक दृष्टिकोन, डेटावरील पकड आणि आत्मविश्वासपूर्ण सादरीकरणाचे विशेष कौतुक केले.





विशेष संख्याशास्त्रीय सादरीकरणात कवठेमहांकाळचे महाविद्यालय प्रथम कोल्हापूर, दि. ११ फेब्रुवारी: दैनंदिन जीवनातील वास्तव समस्यांवर संख्याशास्त्र उपयुक्त ठरू शकते, याची प्रचिती देणाऱ्या विशेष प्रकल्प सादरीकरण स्पर्धेमध्ये कवठेमहांकाळच्या पद्मभूषण वसंतरावदादा पाटील महाविद्यालयाच्या संघाने प्रथम क्रमांक पटकावला. शिवाजी विद्यापीठाचा संख्याशास्त्र अधिविभाग आणि शिवाजी विद्यापीठ संख्याशास्त्र शिक्षक संघटना यांच्या संयुक्त विद्यमाने 'वास्तव समस्यांचे सांख्यिकीय विश्लेषण' या विषयावरील एकदिवसीय कार्यशाळेच्या निमित्ताने काल (दि. १०) संख्याशास्त्राच्या बी.एस्सी. तृतीय वर्षाच्या विद्यार्थ्यांसाठी 'माझ्या परिसरातील प्रति व्यक्ती मासिक वाहन इंधन वापराचा अंदाज' या विषयावर स्पर्धा घेण्यात आली. या स्पर्धेत एकूण दहा महाविद्यालयांनी सहभाग नोंदवला. प्रथम फेरीतून एल. बी. एस. महाविद्यालय (सातारा), पी.डी.व्ही.पी. महाविद्यालय (तासगाव), पी.व्ही.पी. महाविद्यालय (कवठेमहांकाळ), विवेकानंद महाविद्यालय (कोल्हापूर) आणि एस.जी.एम. महाविद्यालय (कराड) यांचे संघ अंतिम फेरीसाठी पात्र झाले. या महाविद्यालयांतील विद्यार्थी-विद्यार्थिनींनी कार्यशाळेमध्ये त्यांच्या प्रकल्पांचे सादरीकरण केले. स्पर्धेत विवेकानंद महाविद्यालय, कोल्हापूर यांनी द्वितीय आणि सद्गुरू गाडगेबाबा महाराज महाविद्यालय,

यांनी द्वितीय आणि सद्गुरू गाडगेबाबा महाराज महाविद्यालय, कराड यांनी तृतीय क्रमांक पटकावला. परीक्षक म्हणून डॉ. शशिभूषण महाडिक आणि गणेश खटावकर यांनी काम पाहिले.

या कार्यशाळेत ज्येष्ठ संख्याशास्त्रज्ञ डॉ. अनिल गोरे, डॉ. महाडिक आणि डॉ. सोमनाथ पवार यांनी विविध विषयांवर मार्गदर्शन केले. कार्यशाळेत कर्मवीर भाऊराव पाटील विद्यापीठ, सातारा, मुंबई विद्यापीठ, मुंबई आणि पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठाच्या कार्यक्षेत्रातील बी.एस्सी. तृतीय वर्ष सांख्यिकीचे विद्यार्थी व प्राध्यापक मोठ्या संख्येने सहभागी झाले. डॉ. सुकुमार राजगुरू यांनी आभार मानले.





**Shikshan Prasarak Sanstha's  
Padmabhushan Vasanttraodada Patil Mahavidyalaya, Kavathe Mahankal  
Department of Statistics**

**Report on  
Project Presentation Competition  
In  
A Two-day Symposium on Statistical Exploration of Real Problems**

**(MoU Activity)**

**Date : 23-24 February 2024**

**Submitted to**

**Internal Quality Assurance Cell (IQAC)**





## One Page Report

|             |  |
|-------------|--|
| Title       | <b>Report of Project Presentation Competition</b>  |
| Date        | <b>23-24 February 2024</b>   |
| Organizer   | <b>Department of Statistics, Shivaji University, Kolhapur &amp; SUSTA</b>  |
| Funding     | Department of Statistics, Shivaji University, Kolhapur & SUSTA   |
| Coordinator | Department of Statistics, Shivaji University, Kolhapur & SUSTA   |
| Background  | The project presentation competition was organized to provide a platform for undergraduate students to showcase their research and innovative projects. The event aimed to foster a spirit of innovation, teamwork, and communication among students. It also sought to encourage students to apply theoretical concepts to real-world problems.   |
| Objective   | To provide an opportunity to UG, PG, and research students, and teachers of Statistics to come together and explore on the real-life applications of Statistics through case study-demonstrations and consultations in various fields<br>To bring together the statisticians and researchers/practitioners in various fields to discuss about possible statistical solutions to various problems and possible interdisciplinary research collaborations.<br>To provide an opportunity to Statistics teacher to discuss possible innovations and problems in Statistics teaching/training |
| Conclusion  | The project presentation competition was a resounding success, with students demonstrating exceptional creativity and knowledge. The event highlighted the importance of experiential learning and provided valuable feedback for future improvements. It also showcased the potential of our undergraduate students to contribute meaningfully to their respective fields.  |

### Brief summary Table

| Sr. No. | Organizing department | Department of Statistics, Shivaji University, Kolhapur & SUSTA |        |       |
|---------|-----------------------|--|--------|-------|
| 1       | Title of Activity     | Project Presentation Competition                               |        |       |
| 2       | Date of Activity      | 23-24 February 2024  |        |       |
| 3       | Venue                 | Department of Statistics, Shivaji University                   |        |       |
| 4       | Participation         |  |        |       |
|         |                       | Male   | Female | Total |
|         | Teachers              | 01   | 02     | 03    |
|         | Students              | 07   | 14     | 21    |
|         | Total                 | 08   | 16     | 24    |

**PRINCIPAL,**

**Padmabhushan Vasandraoda Patil**  
**Mahavidyalaya, K. Mahankal, Dist-Sangli**



Boucher:



Shivaji University, Kolhapur  
Department of Statistics

in association with

Shivaji University Statistics Teachers' Association (SUSTA)

is organizing

## Project Competition for UG and PG Statistics Students



**Eligible participants:** B. Sc. III Statistics and M.Sc. II Statistics students in affiliated and autonomous colleges in the jurisdictions of Shivaji University, Kolhapur and PAH Solapur University, Solapur

### Topics for the project

- **For B.Sc. III:** The project topic should be one of the following.
  - **Topic 1: Career Approaches of Youth in My Locality**  
[Career approach generally refers to the strategies and decisions individuals make to achieve their career goals. This includes choices related to education, job selection, skill development, networking, and long-term career planning.]
  - **Topic 2: Availability, Consumption, and Quality of Domestic Water in My Locality**  
[Availability refers to the accessibility and distribution of domestic water sources in the locality, consumption refers to the patterns and trends in domestic water usage while quality refers to the safety and potability of water of the water resources]
- **For M.Sc. II:** There is no specific topic for this competition. The participants can take projects on any topics of their choice.

### Rules for participation

1. Each student participating in this competition has to register for "A two-day symposium on Statistical Exploration of Real Problems" (for the second day only) organized by Department of Statistics on February 24, 2024.
2. The projects can be based on primary, secondary or both the types of data.
3. Regarding number of participants:  
**For B.Sc. III:** Only one team consisting of at most three students from each college can participate.  
**For M.Sc. II:** Maximum two teams, each consisting of at most three students, from each PG Statistics Department can participate.
4. Head of the Statistics Department of a concerned college/University will finalize the team
5. The Head of the concerned Statistics Department has to register the participating team on or before **January 25, 2024**. Please click below for registration:  
<https://forms.gle/35tSk5YzgA4cCRBw5>
6. The Head of the concerned Statistics Department has to submit the project report of the registered team (maximum 15 pages of A4 size, typed in Times New Roman, font size 12) on or before **February 10, 2024** by email to [sss.ycsrd@unishivaji.ac.in](mailto:sss.ycsrd@unishivaji.ac.in)
7. All the received project reports will be evaluated by the experts. For B.Sc. III, three projects from each theme will be shortlisted for presentations and for M.Sc. II, five projects will be shortlisted for presentations.
8. The shortlisted projects will be declared by **February 18, 2024**.
9. It is mandatory for the shortlisted teams to present their projects in person in the symposium organized at Department of Statistics, Shivaji University, Kolhapur on **February 24, 2024**. Each shortlisted team will be provided EIGHT minutes for presentation.

**For any queries, contact to: Dr. Santosh S. Sutar**, Coordinator, Project Competition, Email: [sss.ycsrd@unishivaji.ac.in](mailto:sss.ycsrd@unishivaji.ac.in), Cell: 8149613749

**For updates, visit to:** <https://www.unishivaji.ac.in/dptstat/Seminars-Conferences-Workshops>





## Program Schedule:



Shivaji University, Kolhapur

Department of Statistics

A Two-day Symposium on **Statistical Exploration of Real Problems**  
(As a Part of Celebration of National Science Day 2024)

**February 23-24, 2024**



### Schedule

#### **Day 1: February 23, 2024**

**Venue:** Rajarshi Shahu Senate Hall, Shivaji University, Kolhapur

9.00 AM to 10.00 AM Registration and Break fast

10.00 AM to 10.30 AM Inaugural function

**Session I (10.30 AM to 01.30 PM)**

**Innovations and Problems in Statistics Training (Event 1)**

Chairman: Prof. Ranganath N. Rattihalli

|                      |   |
|----------------------|---|
| 10.30 AM to 10.35 AM | Introduction of Session: Dr. Ashok V. Dorugade  |
| 10.35 AM to 11.05 AM | Talk by Prof. Anil P. Gore<br>Topic: ज्ञान बनो कर्मशील  |
| 11.05 AM to 11.35 AM | Talk by Dr. Aanand Karandikar<br>Topic: Case study approach and how it can be used in Statistics teaching |
| 11.35 AM to 11.45 AM | Tea Break   |
| 11.45 AM to 01.00 PM | Discussion  |
| 01.00 PM to 01.30 PM | Remarks by the Chairperson: Prof. Ranganath N. Rattihalli   |

01.30 PM to 02.45 PM Lunch (*Venue: University Guest House*)

**Session II (2.45 PM to 6.00 PM)**

**Statistics Consultancy: Your Problem our Statistical Solution (Event 2)**

Chairman: Prof. Digambar T. Shirke

|                      |  |
|----------------------|--|
| 02.45 PM to 02.50 PM | Introduction of Session: Mr. Sukumar V. Rajguru      |
| 02.50 PM to 03.00 PM | Views by Prof. Anil P. Gore                          |
| 03.00 PM to 04.15 PM | Problem presentation and statistical solution        |
| 04.15 PM to 04.30 PM | Tea Break  |
| 04.30 PM to 05.30 PM | Problem presentation and statistical solution        |
| 05.30 PM to 05.50 PM | Feedback of participants and Guidance by the experts |
| 05.50 PM to 06.00 PM | Remarks by Chairman: Prof. Digambar T. Shirke        |

**End of the Day-1**





Shivaji University, Kolhapur  
Department of Statistics  
A Two-day Symposium on **Statistical Exploration of Real Problems**  
(As a Part of Celebration of National Science Day 2024)  
**February 23-24, 2024**



**Schedule: Day 2, February 24, 2024**

**Venue:** Rajarshi Shahu Senate Hall, Shivaji University, Kolhapur

08.30 AM to 09.30 AM Registration and Break fast

09.30 AM to 10.30 AM Inaugural Function

**Session III (10.30 AM to 12.10 PM)**

**Case Study Demonstrations-I**

Chairman: Prof. Ranganath N. Rattihalli

|                      |   |
|----------------------|---|
| 10.30 AM to 11.10 AM | Prof. Anil P. Gore<br>Title: Female choice: a major force in evolution (आरी फिरवी भवत्याला आणि नारी फिरवी नवत्याला)   |
| 11.10 AM to 11.50 AM | Prof. Digambar T. Shirke<br>Title: उघडा डोळे बघा नीट आणि म्हणा संख्याशास्त्राचे गीत...Analytics for rural development |
| 11.50 AM to 12.10 PM | Dr. Somanath D. Pawar<br>Topic: Use of Statistics in deciding warrantee period and price of a product                 |

12.10 PM to 12.20 PM Tea break

**Session IV: (12.20 PM to 01.25 PM)**

**B.Sc. III Project Presentation**

(Sponsored by Shivaji University Statistics Teachers' Association-SUSTA)

|                      |   |
|----------------------|---|
| 12.20 PM to 12.25 PM | Introduction by the Coordinator: Dr. Santosh S. Sutar |
| 12.25 PM to 01.25 PM | Project Presentations                                 |

01.25 PM to 01.30 PM Group Photo

01.30 PM to 02.30 PM Lunch (*Venue: Rajmata Jijausaheb Hall*)

**Session V (2.30 PM to 4.10 PM)**

**Case Study Demonstrations-II**

Chairman: Prof Anil P. Gore

|                      |   |
|----------------------|---|
| 02.30 PM to 03.10 PM | Dr. Aanand Karandikar<br>Title: Story of 'Locate': The application of Statistics in scooter-shop site selection |
| 03.10 PM to 03.50 PM | Prof. Shashibhushan B. Mahadik<br>Title: A story of peacock-counting in Shivaji University campus               |
| 03.50 PM to 04.10 PM | Dr. Dadasaheb G. Godase<br>Title: How to help vegetable farmers to cut the losses?                              |

04.10 PM to 04.20 PM Tea Break

04.20 PM to 05.20 PM **Session VI: M.Sc. II Project Presentation** (Sponsored by Shivaji University Statistics Teachers' Association-SUSTA)

05.30 PM to 06.15 PM Valediction

**End of the Day-2**





Permission Letter:

Shikshan Prasarak Sanstha's  
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal

DEPARTMENT OF STATISTICS

Date: 20/01/2024

To,  
The Principal,  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, Kavathe Mahankal

**Subject: Permission for Participation in Two-Day Symposium on Statistical Exploration of Real Problems**

I am writing to grant permission for the students of B. Sc.III (Statistics) to participate in the upcoming Two-Day Symposium on Statistical Exploration of Real Problems, including the associated project competition. The event is scheduled to take place on 23-24 February 2024, at Department of Statistics Shivaji University, Kolhapur.

After reviewing the details of the symposium and the competition, I am confident that this opportunity will greatly benefit our students by allowing them to apply their statistical knowledge in practical scenarios and engage with real-world problems. This experience will not only enhance their academic skills but also foster their critical thinking and problem-solving abilities.

The students will be accompanied by Mr. V. V. Koshti, Miss. S. S. Patil, and Miss. S. M. Zarekar who will oversee their participation and ensure their well-being during the event.

Thank you for providing our students with this valuable opportunity.

Sincerely,

Permission granted

*[Handwritten Signature]*

PRINCIPAL,

Attachment: List of Students Participating in the Symposium  
Padmabhushan Vasantrodada Patil  
Mahavidyalaya, Kavathe Mahankal, Dist-Sangli

*[Handwritten Signature]*  
Head  
Department of Statistics  
P.V.P. Mahavidyalaya,  
Kavathe Mahankal, Dist.-Sangli.





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

**Date: 21<sup>th</sup> January 2024**

**NOTICE**

All the B. Sc. III Statistics students are hereby informed that, Department of Statistics of Shivaji University Kolhapur and Shivaji University Statistics Teachers` Association (SUSTA) is Organizing Project Competition for UG Statistics Students on 23-24 February 2024. Those students who are interested contact to Department of Statistics before 25th January 2024

**Head**  
**Department of Statistics**  
**P.V.P. Mahavidyalaya,**  
**Kavathe Mahankal, Dist.-Sangli.**



## Attendance List

| Sr. No. | Students Name               | Sign               |
|---------|-----------------------------|--------------------|
| 1       | *KODAG DHANASHRI DATTATRAY  | <i>de.dg2</i>      |
| 2       | SURYAWANSHI DIGVIJAY SANJAY | <i>D.Surya</i>     |
| 3       | *JADHAV AARTI TANAJI        | <i>A.Jadhav</i>    |
| 4       | *SHINDE ASHWINI PANDURANG   | <i>n.p.Shinde.</i> |
| 5       | *PATIL MADHURI PANDIRANG    | <i>Patil M.</i>    |
| 6       | DEVARSHI RAHUL PARGONDA     | <i>Rahul</i>       |
| 7       | KORE PRATIK JAYANT          | <i>Kore</i>        |
| 8       | *LATTHE ROHINI MUKESH       | <i>Latthe</i>      |
| 9       | KUTE PRANAV KUNDLIK         | <i>Kute</i>        |
| 10      | *SAWANT SWAPNALI SURYAKANT  | <i>Sawant</i>      |
| 11      | *PATIL AKSHATA BALASO       | <i>APatil</i>      |
| 12      | OLEKAR PRATIK BANDU         | <i>Olek</i>        |
| 13      | *GHEJJI BHAGYASHRI RAMANNA  | <i>Ghejji</i>      |
| 14      | *MALI PRIYANKA BALU         | <i>Mal</i>         |
| 15      | *PATIL SHWETA BASAGONDA     | <i>Patil</i>       |
| 16      | *BHOSALE SUSHMITA ABASO     | <i>Bhosale.</i>    |
| 17      | NAGANE AKSHAY PANDURANG     | <i>Nagane</i>      |
| 18      | *MANE LAXMI SAHADEV         | <i>Mane</i>        |
| 19      | *CHAVAN SWATI DEEPAK        | <i>Chavan</i>      |
| 20      | *PAWAR YOGITA ANIL          | <i>Pawar</i>       |
| 21      | KADAM ANIKET MAHADEV        | <i>A.M.Kadam.</i>  |





Attendance Certificate:

  
Estd : 1962  
"A" Accredited by NAAC (2021)  
with CGPA 3.52

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**DEPARTMENT OF STATISTICS**



**A TWO-DAY SYMPOSIUM ON STATISTICAL EXPLORATION OF REAL PROBLEMS**  
(As a Part of Celebration of National Science Day 2024)  
February 23-24, 2024


**CERTIFICATE**

This is to certify that Dr. /Mr. /Ms. Dhanashri Dattatray Kodag  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.


Date: 24 February, 2024  
Place: Kolhapur

  
Dr. S. D. Pawar  
Convener

  
Prof. S. B. Mahadik  
Chairman

  
Estd : 1962  
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**SHIVAJI UNIVERSITY, KOLHAPUR**  
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February 23-24, 2024

**CERTIFICATE**

This is to certify that Dr. /Mr. /Ms. Digvijay Sanjay Suryawanshi  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

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Dr. S. D. Pawar  
Convener

  
Prof. S. B. Mahadik  
Chairman



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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



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February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Aarti Tanaji Jadhav  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

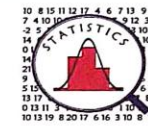
Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Ashwini Pandurang Shinde  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Madhuri Pandurang Patil  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



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### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Rahul Pargonda Devarshi  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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### CERTIFICATE

This is to certify that Dr./Mr./Ms. Pratik Jayant Kore  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
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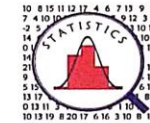
Dr. S. D. Pawar  
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February 23-24, 2024

### CERTIFICATE

This is to certify that Dr./Mr./Ms. Snehal Mahadev Zarekar  
of PVP Mahavidyalaya Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on ~~23~~ and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman





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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**DEPARTMENT OF STATISTICS**



**A TWO-DAY SYMPOSIUM ON STATISTICAL EXPLORATION OF REAL PROBLEMS**

(As a Part of Celebration of National Science Day 2024)

February 23-24, 2024

**CERTIFICATE**

This is to certify that Dr. /Mr. /Ms. Pranav Kundlik Kute  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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February 23-24, 2024

**CERTIFICATE**

This is to certify that Dr. /Mr. /Ms. Swagnali Suryakant Sawant  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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(As a Part of Celebration of National Science Day 2024)

February 23-24, 2024

### CERTIFICATE

This is to certify that Dr./Mr./Ms. Rohini Mukesh Lathe  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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Dr. S. D. Pawar

Convener

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Chairman



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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



### A TWO-DAY SYMPOSIUM ON STATISTICAL EXPLORATION OF REAL PROBLEMS

(As a Part of Celebration of National Science Day 2024)

February 23-24, 2024

### CERTIFICATE

This is to certify that Dr./Mr./Ms. Akshata Balaso Patil  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024

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Chairman





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This is to certify that Dr. /Mr. /Ms. Pratik Bandu Olekar  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Bhagyashri Ramanna Gheji  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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Convener

Prof. S. B. Mahadik  
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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



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(As a Part of Celebration of National Science Day 2024)

February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Priyanka Balu Mali  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



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(As a Part of Celebration of National Science Day 2024)

February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Shweta Basagonda Patil  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
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Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

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Dr. S. D. Pawar  
Convener

Prof. S. B. Mahadik  
Chairman



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## SHIVAJI UNIVERSITY, KOLHAPUR DEPARTMENT OF STATISTICS



### A TWO-DAY SYMPOSIUM ON STATISTICAL EXPLORATION OF REAL PROBLEMS

(As a Part of Celebration of National Science Day 2024)

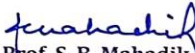
February 23-24, 2024

### CERTIFICATE

This is to certify that Dr. /Mr. /Ms. Sakshi Ravindra Pawar  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in  
*A Two-day Symposium on Statistical Exploration of Real Problems* on 23 and 24 February, 2024. The  
Symposium was organized by the Department of Statistics, Shivaji University, Kolhapur.

Date: 24 February, 2024  
Place: Kolhapur

  
Dr. S. D. Pawar  
Convener

  
Prof. S. B. Mahadik  
Chairman



Project Presentation Certificate:

 **DEPARTMENT OF STATISTICS, SHIVAJI UNIVERSITY, KOLHAPUR**  
and  
**SHIVAJI UNIVERSITY STATISTICS TEACHERS' ASSOCIATION (SUSTA)** 

Estd : 1962  
A<sup>++</sup> Accredited by NAAC (2021)  
with CGPA 3.52

**Project Competition for B. Sc. III Statistics Students-2024**

**CERTIFICATE**

This is to certify that Mr. /Ms. Rohini Mukesh Latthe  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in the  
**Project Competition for B. Sc. III Statistics Students-2024** organized by the Department of Statistics, Shivaji  
University, Kolhapur in association with Shivaji University Statistics Teachers' Association.

Date: 24 February, 2024  
Place: Kolhapur

  
Secretary, SUSTA

  
Head, Department of Statistics  
Shivaji University, Kolhapur

 **DEPARTMENT OF STATISTICS, SHIVAJI UNIVERSITY, KOLHAPUR**  
and  
**SHIVAJI UNIVERSITY STATISTICS TEACHERS' ASSOCIATION (SUSTA)** 

Estd : 1962  
A<sup>++</sup> Accredited by NAAC (2021)  
with CGPA 3.52

**Project Competition for B. Sc. III Statistics Students-2024**

**CERTIFICATE**

This is to certify that Mr. /Ms. Luxmi Sahadev Mane  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in the  
**Project Competition for B. Sc. III Statistics Students-2024** organized by the Department of Statistics, Shivaji  
University, Kolhapur in association with Shivaji University Statistics Teachers' Association.

Date: 24 February, 2024  
Place: Kolhapur

  
Secretary, SUSTA

  
Head, Department of Statistics  
Shivaji University, Kolhapur



Estd : 1962  
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DEPARTMENT OF STATISTICS, SHIVAJI UNIVERSITY, KOLHAPUR  
and  
SHIVAJI UNIVERSITY STATISTICS TEACHERS' ASSOCIATION (SUSTA)



## Project Competition for B. Sc. III Statistics Students-2024

### CERTIFICATE

This is to certify that Mr./Ms. Dhanashri Dattatray Kodag  
of PVP Mahavidyalaya, Kavathe Mahankal has participated in the  
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University, Kolhapur in association with Shivaji University Statistics Teachers' Association.

Date: 24 February, 2024  
Place: Kolhapur

  
Secretary, SUSTA

  
Head, Department of Statistics  
Shivaji University, Kolhapur



Photos:



Rohini Latthe, Laxmi Mane and Dhanashri Kodag Presenting a Project in Project Presentation Competition Shivaji University Kolhapur. (Date: 23 Feb 2024)





Rohini Latthe, Laxmi Mane and Dhanashri Kodag Presenting a Project in Project Presentation Competition Shivaji University Kolhapur. (Date: 23 Feb 2024)

# पी. व्ही. पी. च्या विद्यार्थ्यांची विद्यापीठ प्रकल्प स्पर्धेसाठी निवड



**दै. तुफान क्रांती/कवठेमहाकाळ:**

येथील पद्मभूषण वसंतराव दादा पाटील महाविद्यालयातील संख्याशास्त्र विभागातील विद्यार्थ्यांची संख्याशास्त्र अधिविभाग, शिवाजी विद्यापीठ कोल्हापूर आणि संख्याशास्त्र शिक्षक संघटना (सुस्टा) यांच्या संयुक्त विद्यमाने दिनांक २३ व २४ रोजी होणाऱ्या 'वास्तविक समस्यांचे सांख्यिकीय अन्वेषण' या विषयावरील दोन दिवसीय परिसंवादातील प्रकल्प सादरीकरण स्पर्धेसाठी निवड झाली आहे. यामध्ये बी. एस्सी. भाग-३ मध्ये शिकत असलेल्या कु. रोहिणी लट्टे, कु. लक्ष्मी माने आणि कु. धनश्री कोडग यांची -vailability, Consumption and Quality of Domestic Water in My Locality या विषयावरील प्रकल्पाची पहिल्या फेरीत निवड झाली असून दि.

२४ रोजी होणाऱ्या सादरीकरण फेरीसाठी त्यांची तयारी सुरू आहे. हा प्रकल्प पूर्णत्वास नेण्यासाठी या विद्यार्थिनींना प्रा. सौ. शीतल कदम, प्रा. कु. स्नेहल झरेकर, प्रा. गणेश सातपुते, प्रा. सौ. स्नेहल पाटील, प्रा. विजय कोष्टी, प्राचार्य प्रा. डॉ. एम. के. पाटील, संस्थेचे अध्यक्ष बाळासाहेब शिंदे, उपाध्यक्ष सुरेश पाटील, सचिव सुदर्शन शिंदे यांचे मार्गदर्शन आणि बी. एस्सी. भाग-३ मध्ये शिकत असलेल्या सर्व विद्यार्थ्यांचे सहकार्य मिळाले.

या अनोख्या परिसंवादाचे उद्घाटन सावित्रीबाई फुले विद्यापीठ पुणे च्या संख्याशास्त्र विभागाचे माजी विभाग प्रमुख प्रा. डॉ. अनिल गोरे, मेट्रिक कन्सल्टंसी लिमिटेड चे संस्थापक आणि अध्यक्ष डॉ. आनंद करंदीकर, सेवानिवृत्त संख्याशास्त्र विभाग प्रमुख, शिवाजी विद्यापीठ कोल्हापूर प्रा. डॉ.

आर. एन. रटिहळ्ळी व प्रा. डॉ. डी. एन. काशीद या सन्माननीय अतिथिंच्या प्रमुख उपस्थितीत आणि शिवाजी विद्यापीठाचे कुलगुरू प्रा. डॉ. डी. टी. शिर्के यांच्या अध्यक्षतेखाली होणार असल्याची असल्याची माहिती विभाग प्रमुख प्रा. डॉ. शशीभूषण महाडिक यांनी दिली. परिसंवादाच्या दुसऱ्या दिवशी बी.एस्सी.भाग -तीन व एम.एस्सी. भाग -दोन च्या विद्यार्थ्यांसाठी प्रकल्प सादरीकरण स्पर्धेचे आयोजन करण्यात आले असून यासाठी बी.एस्सी.भाग-३ मधून १६ तर एम.एस्सी. भाग-दोन मधून नऊ त्रिसदस्यीय संघांनी सहभाग नोंदवला होता.

यापैकी बी.एस्सी. भाग- तीन मधून सहा संघांची प्रा. डॉ. आर. एन.रटिहळ्ळी आणि प्रा. एस. के. गांजवे, निवृत्त सांख्यिकीप्रमुख, (महाराष्ट्र राज्य मार्ग परिवहन महामंडळ) या तज्ञ परीक्षकांनी पुढील फेरीसाठी निवड केली आहे. पहिल्या फेरीत निवड झालेल्या प्रकल्पांचे सादरीकरण डॉ. अनिल गोरे, डॉ. आनंद करंदीकर, प्रा. डॉ.डी. टी. शिर्के, डॉ. आर.एन. रटिहळ्ळी, प्रा. डॉ. डी. एन. काशीद प्रा. एस. के. गांजवे, प्रा.डॉ. एस.बी. महाडिक, डॉ. सोमनाथ पवार, डॉ. संतोष सुतार आदींच्या उपस्थितीत होणार आहे.

## पी.व्ही.पी.च्या विद्यार्थ्यांची विद्यापीठ प्रकल्प स्पर्धेसाठी निवड

कवठे महाकाळ, (प्रा. विजय कोष्टी) - येथील पद्यभूषण वसंतराव दादा पाटील महाविद्यालयातील संख्याशास्त्र विभागातील विद्यार्थ्यांची संख्याशास्त्र अधिविभाग, शिवाजी विद्यापीठ कोल्हापूर आणि संख्याशास्त्र शिक्षक संघटना (सुस्टा) यांच्या संयुक्त विद्यमाने दिनांक २३ व २४ रोजी होणाऱ्या 'वास्तविक समस्यांचे सांख्यिकीय अन्वेषण' या विषयावरील दोन दिवसीय परिसंवादातील प्रकल्प सादरीकरण स्पर्धेसाठी निवड झाली आहे. यामध्ये बी.एस्सी. भाग-३ मध्ये शिकत असलेल्या कु. रोहिणी लठ्ठे, कु. लक्ष्मी माने आणि कु. धनश्री कोडग यांची -availability, Consumption and Quality of Domestic Water in My Locality या विषयावरील प्रकल्पाची पहिल्या फेरीत निवड झाली असून दि. २४ रोजी होणाऱ्या सादरीकरण फेरीसाठी त्यांची तयारी सुरू आहे. हा प्रकल्प पूर्णत्वास नेण्यासाठी या विद्यार्थिनींना प्रा. सी. शीतल कदम, प्रा. कु. स्नेहल झरेकर, प्रा. गणेश सातपुते, प्रा. सी. स्नेहल पाटील,

प्रा. विजय कोष्टी, प्राचार्य प्रा. डॉ. एम. के. पाटील, संस्थेचे अध्यक्ष बाळासाहेब शिंदे, उपाध्यक्ष सुरेश पाटील, सचिव सुदर्शन शिंदे यांचे मार्गदर्शन आणि बी. एस्सी. भाग-३ मध्ये शिकत असलेल्या सर्व विद्यार्थ्यांचे सहकार्य मिळाले.

या अनोख्या परिसंवादाचे उद्घाटन सावित्रीबाई फुले विद्यापीठ पुणे च्या संख्याशास्त्र विभागाचे माजी विभाग प्रमुख प्रा. डॉ. अनिल गोरे, मेट्रिक कन्सल्टन्सी लिमिटेड चे संस्थापक आणि अध्यक्ष डॉ. आनंद करंदीकर, सेवानिवृत्त संख्याशास्त्र विभाग प्रमुख, शिवाजी विद्यापीठ कोल्हापूर प्रा. डॉ. आर. एन. रटिहळ्ळी व प्रा. डॉ. डी. एन. काशीद या सन्माननीय अतिथि च्या प्रमुख उपस्थितीत आणि शिवाजी विद्यापीठाचे कुलगुरू प्रा. डॉ. डी. टी. शिकें यांच्या अध्यक्षतेखाली होणार असल्याची असल्याची माहिती विभाग प्रमुख प्रा. डॉ. शशीभूषण महाडिक यांनी दिली. परिसंवादाच्या दुसऱ्या दिवशी बी.एस्सी. भाग-तीन व एम.एस्सी. भाग-दोन च्या विद्यार्थ्यांसाठी प्रकल्प सादरीकरण स्पर्धेचे आयोजन तज्ञ परीक्षकांनी पुढील फेरीसाठी निवड केली आहे.



करण्यात आले असून यासाठी बी.एस्सी. भाग-३ मधून १६ तर एम.एस्सी. भाग-दोन मधून नऊ त्रिसदस्यीय संघांनी सहभाग नोंदवला होता.

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## विद्यार्थ्यांनी बदलांना सामोरे जावे

### डॉ. अनिल गोरे; विद्यापीठात संख्याशास्त्र परिसंवाद

कोल्हापूर, ता. २६ : 'संख्याशास्त्राच्या विद्यार्थ्यांना विविध क्षेत्रांमध्ये करिअर व सेवेच्या अनेक संधी आहेत. जगाची दारे संख्याशास्त्राच्या विद्यार्थ्यांसाठी उघडी आहेत, मात्र त्यासाठी नवनवीन बदलांना विद्यार्थ्यांनी सामोरे गेले पाहिजे', असे प्रतिपादन सावित्रीबाई फुले पुणे विद्यापीठाच्या संख्याशास्त्र अधिविभागाचे निवृत्त प्रमुख डॉ. अनिल गोरे यांनी आज येथे केले. शिवाजी विद्यापीठाचा संख्याशास्त्र अधिविभाग आणि विद्यापीठ संख्याशास्त्र शिक्षक संघटना यांच्यातर्फे राष्ट्रीय विज्ञान दिनानिमित्त आयोजित परिसंवादात ते बोलत होते. 'दैनंदिन जीवनातील



कोल्हापूर : शिवाजी विद्यापीठात आयोजित संख्याशास्त्र परिसंवादामध्ये मार्गदर्शन करताना डॉ. अनिल गोरे. यावेळी डावीकडून डॉ. सोमनाथ पवार, आनंद करंदीकर, कुलगुरू डॉ. डी. टी. शिकें, रंगनाथ रटिहळ्ळी, शशिभूषण महाडिक.

वास्तविक समस्यांचे सांख्यिकीय अन्वेषण' असा परिसंवादाचा विषय आहे. अध्यक्षस्थानी कुलगुरू डॉ. डी. टी. शिकें, तर पुण्याच्या मेट्रिक कन्सल्टन्सीचे संस्थापक-अध्यक्ष डॉ. आनंद करंदीकर, ज्येष्ठ संख्याशास्त्रज्ञ

डॉ. रंगनाथ रटिहळ्ळी प्रमुख उपस्थित होते. संख्याशास्त्र अधिविभाग प्रमुख शशीभूषण महाडिक यांनी प्रास्ताविक केले. सोमनाथ पवार यांनी पाहुण्यांचा परिचय करून दिला. सुकुमार राजगुरु यांनी आभार मानले.



# शिवाजी विद्यापीठामध्ये आजपासून संख्याशास्त्र परिसंवादाचे आयोजन

कोल्हापूर : पुढारी वृत्तसेवा

शिवाजी विद्यापीठामधील संख्याशास्त्र अधिविभागामध्ये दि. २३ व २४ फेब्रुवारी रोजी 'वास्तविक समस्यांचे सांख्यिकीय अन्वेषण' विषयावरील दोन दिवसीय परिसंवाद आयोजित करण्यात आला आहे.

परिसंवादाचे उद्घाटन कुलगुरू - प्रा. डॉ. डी. टी. शिर्के यांच्या अध्यक्षतेखाली व सावित्रीबाई फुले पुणे विद्यापीठ पुणेच्या संख्याशास्त्र विभागाचे माजी विभागप्रमुख प्रा. डॉ. अनिल गोरे, मेट्रिक कन्सल्टंसी लि.पुणेचे संस्थापक व अध्यक्ष डॉ. आनंद करंदीकर,

सेवानिवृत्त संख्याशास्त्र विभागप्रमुख प्रा. डॉ. आर. एन. रट्टेहळ्ळी यांच्या प्रमुख उपस्थितीत होणार आहे. परिसंवादात संख्याशास्त्र विषयाच्या अध्यापनामध्ये येणाऱ्या अडचणी, नावीन्यता व उपाययोजना तसेच नवीन राष्ट्रीय शैक्षणिक धोरणानुसार झालेल्या बदलाला सामोरे जाताना शिक्षकांना अध्यापनामध्ये करावे लागणारे बदल, यावर चर्चा होणार आहे. दुसऱ्या सत्रात 'समस्या तुमची, उत्तर आमचे' हा अभिनव उपक्रम होणार आहे. कार्यक्रमास उपस्थित राहण्याचे आवाहन विभागप्रमुख प्रा. डॉ. शशिभूषण महाडिक यांनी केले आहे.

