

One day Workshop on
“Use of R Software for Statistical Analysis of Data”

Activity Report



Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
Department of Statistics
One day Workshop on
“Use of R-Software for Statistical Analysis of Data”
Under MOU and Lead college scheme



REPORT

The Department of Statistics organized a workshop on "Use of R Software for Statistical Data Analysis" for B.Sc. Part III students on 18th March 2025. The workshop began with an inaugural function, where Dr. R. H. Waliv introduced the theme and the resource person. The Principal welcomed the resource person and highlighted the importance of R software in statistical data analysis. In his presidential address, the Principal emphasized the growing demand for programming skills in the job market, encouraging students to learn R and Python to enhance their employability in fields such as data science, analytics, and research. The vote of thanks for the inaugural session was delivered by Miss. N. B. Raut.

The technical session I was conducted by Mr. P. H. Borate, Assistant Professor, Department of Statistics, LBS College Satara. The session, attended by 12 students, provided valuable insights into R programming for data analysis. Mr. Borate began by explaining the concept of data, defining it as raw facts or figures that, when analyzed, provide meaningful information. He stressed the importance of smart work using R, showcasing how the software's built-in functions and libraries simplify complex statistical calculations. Students were introduced to essential R libraries used for statistical analysis, data manipulation, and visualization, making R a powerful tool for machine learning and data science. The speaker also demonstrated program construction in R, walking students through examples involving loops, conditionals, and data manipulation techniques.

Session II focused on hypothesis testing through practical examples. The speaker explained the process of formulating null and alternative hypotheses, conducting tests, and interpreting results, highlighting how R automates and streamlines these analyses. Students learned key R commands, including `cat()` for displaying output, `scan()` for reading data, `edit()` for modifying data frames, and `neglect` functions for excluding specific data points. At the end of the session, several students shared their positive feedback, appreciating the practical and insightful nature of the workshop. The event concluded with a vote of thanks by Miss. Ashwini Gaikwad, who acknowledged the speaker's expertise and encouraged students to apply their R programming skills in real-world scenarios.

Overall, the workshop was highly informative and practical, equipping students with hands-on experience in R programming and enhancing their ability to apply statistical techniques effectively.


Head




Principal

Permission Letter

Department of Statistics

Kisan Veer Mahavidyalaya, Wai

Date: 12/03/2025

To,
The Principal,
Kisan Veer Mahavidyalaya, Wai.

Subject: Regarding Permission for organizing workshops on March 17 and March 18, 2025 ...

Respected Sir,

Our department is going to two workshops on use of MS-Excel and R software for statistical analysis of data for classes B.Sc. part I, II and III under the lead college scheme on March 17 and March 18, 2025 respectively. So please allow us for organizing the workshops.

Thanking you

Yours faithfully

मा. प्राचार्य खांता परवानगीसाठी मादर
12/03/2025

for 
Head
Department of Statistics
Kisan Veer Mahavidyalaya, Wai

Allowed
Bhawant
12/3/2025

Invitation Letter



Janata Shikshan Sanstha's Kisan Veer Mahavidyalaya, Wai

Tal. Wai, Dist. Satara, Maharashtra Pin-412 803.

Affiliated to Shivaji University, Kolhapur

NAAC Accredited : B* (CGPA 2.66)

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UDISE No. : 27311111516
Index No. : J21.11.001



Kisan Mahadeo Veer
Founder President
Janata Shikshan Sanstha, Wai

Dr. Gurunath J. Fagare
Principal
Mob. 9421107635 / 9404140371

Shri. Shankarrao Dajiba Gadhave
Vice-President
Janata Shikshan Sanstha, Wai

Shri. Madan Prataprao Bhosale
President
Janata Shikshan Sanstha, Wai

Ref. No. : 86/1224

Date : 12 MAR 2025

To,
Mr. Borate Pramod Hariba,
Assistant Professor,
Department of Statistics,
Lal Bahadur Shastri College, Satara .

Subject: Invitation as a Resource Person

Respected Sir,

Various Student-oriented activities are being organized in our college through various Departments. In continuation of this, we are organizing a workshop on 'Use of R Software for Statistical Analysis of Data' under lead college scheme to create awareness among the students about statistical analysis of data.

We know that you are the expert in this area and we wish to make avail your expertise to our students. From this point of view, we are glad to invite you as a Resource Person to talk on 'Use of R Software for Statistical Analysis of Data'. The programme is scheduled on Tuesday, March 18, 2025.

Kindly accept our invitation. Thanking you.

Principal,

Kisan Veer Mahavidyalaya, Wai

Table Program

Janata Shikshan Sanstha's
Kisan Veer Mahavidyalaya, Wai
One Day Workshop on
'Use of R Software for Statistical Analysis of Data'
Organized by

Department of Statistics
Under Lead College Activity

Date: 18th March, 2025

Venue: Computer Laboratory

Inaugural Function

Welcome and Introduction : Prof. B. B. Patkure
(Head, Department of Statistics)

Guest Introduction : Dr. R.H. Waliv

Keynote Address : Mr. Borate Pramod Hariba,
Assistant Professor, Statistics,
LBS College, Satara

Presidential Address : Prof. Dr. G.J. Fagare
Principal,
Kisan Veer Mahavidyalaya, Wai

Session I

Resource Person : Mr. Borate Pramod Hariba

Session II

Resource Person : Mr. Borate Pramod Hariba

Vote of Thanks : Miss A.S. Gaikwad.

Student's Attendance

One day Workshop on
"Use of R-Software for Statistical Analysis of Data"

Date : 18/03/2025

Session - I

| Sr.No. | Name | Class | Roll No. | Sign |
|-----------------|--------------------|---------|----------|-----------------|
| 1 28 | Harshada A. Dhamal | BSC III | 128 | <u>Dhamal</u> |
| 2. | Taniska S. Shinde | -11- | 127 | <u>Shinde</u> |
| 3. | Anuradha K. Chavon | -11- | 132 | <u>Chavon</u> |
| 4. | Sonal J. Mahamuni | -11- | 123 | <u>Mahamuni</u> |
| 5) | Sanekita V. More | -11- | 121 | <u>More</u> |
| 6) | Sanika Yadav | -11- | 122 | <u>Yadav</u> |
| 7) | Balshi Gadkar | -11- | 124 | <u>Gadkar</u> |
| 8) | Prathamesh Kadam | -11- | 126 | <u>Kadam</u> |
| 9) | Avishkar Yadav | -11- | 130 | <u>Yadav</u> |
| 10) | Anuraj B. Yadav | -11- | 129 | <u>Yadav</u> |

Date : 18/03/2025

Session - II

| Sr. No. | Name | Class | Roll No. | Sign |
|---------|---------------------|---------|----------|-----------------|
| 1. | Harshada A. phomal | BSc III | 128 | <u>Phomal</u> |
| 2. | Tanishka S. shinde | -II- | 127 | <u>Shinde</u> |
| 3. | Anuradha K. Chauhan | -II- | 132 | <u>Chauhan</u> |
| 4. | Sonal J. Mahamuni | -II- | 123 | <u>Mahamuni</u> |
| 5. | Sanchita V. More | -II- | 121 | <u>More</u> |

Thanking Letter



Kisan Veer Mahavidyalaya, Wai

Tal. Wai, Dist. Satara, Maharashtra Pin-412 803.

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Vice-President
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Shri. Madan Prataprao Bhosale
President
Janata Shikshan Sanstha, Wai

Ref. No. : 40/13 13

Date : 26 MAR 2025

To,
Mr. Borate Pramod Hariba,
Assistant Professor,
Department of Statistics,
Lal Bahadur Shastri College, Satara.

Respected Sir,

We are thankful to you for accepting our invitation and guiding the students in the workshop on 'Use of R Software for Statistical Analysis of Data' for B.Sc. Part III organized by Department of Statistics under lead college scheme of our college held on 18th March, 2025.

Your presentation was quite enlightening. Your views will go a long way in motivating our students.

Thinking together we can move forward. Ideas don't need any legs to stride but they need strength and support to translate all the promises to real life. Our association will definitely work in this way. Sir, we feel indebted to you and look forward to your continued guidance.

Thanking you.

Yours sincerely,

Principal

Geo tagged Images

