

ANNUAL REPORT-2022-23



DEPARTMENT OF STATISTICS

ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟ, ଭୁବନେଶ୍ୱର
Rama Devi Women's University, Vidya Vihar,
Bhubaneswar

1. Name of the department: STATISTICS

2. Mission and vision:

VISION OF THE DEPARTMENT

- Spreading of statistical literacy, strengthening future research and create enthusiasm, interest and passion in the study of statistics.

MISSION OF THE DEPARTMENT

- To awaken the students and discover their skills in both theory and practical through dedication in teaching, commitment towards students and using innovative teaching methods such as seminar, symposium, panel discussion, field trips, exhibition, role play etc.
- To develop strategy in the department such as simulation programme by using advance tools like SPSS, R, Python etc.
- To carry out research activities in many frontier areas like Inventory Control, Multivariate Analysis, Stochastic Process, Operations Research etc.
- To prepare a strong database of e-learning material.
- To develop online video content, blog and You-Tube channel in the name of our department.

3. Academic Programmes: UG

4. Publications/patents

Sl no.	Paper Title	Author(s)	Name of the Journal; Volume; Page no.	Year of Publication	Link to the article (doi/website)
1.	"Fuzzy inventory model with multilevel permissible delay in payments"	Dr. Anima Bag	International Journal of Statistics and Applied Mathematics Volume 7, Issue 1, pp.146-153.	2022	DOI: https://doi.org/10.22271/math.2022.v7.i1b.785
2.	Integrated Supply Chain Model with Inflation Induced Demand and Partially Backlogged Shortage	Dr. Anima Bag	Investigacion Operacional	2023 (forthcoming)	
4.	Microfinance: A Pathway of Success for Self Help Group	Dr. Madhusmita Tripathy (Guest Faculty)	Parikalpana: KIIT Journal of Management, volume 18, Issue 2, pp.118-127.	2022	

5. Research Projects

S.No	Title of the project	Name of the PI/Co-PI	Funding Agency	Amount mobilized
NA				

6. Teachers' achievement:

A. Dr. Anima Bag (Asst. Prof. and Head)

(i) Dr. Anima Bag (Asst. Prof. and Head) becomes Board of Studies member in P.G. Department of Statistics, Utkal University.

(ii) Successfully organized a National Workshop on 'National Statistical System & Role of National Statistics Office' at University auditorium on 23.12.2022 with a national funding by National Statistical Systems Training Academy (NSSTA), Ministry of Statistics and Programme Implementation, Govt. of India.

(iii) Represented Statistics Department, Rama Devi Women's University at national level by sending one of the student to avail a free residential training programme on official Statistics at NSSTA, Noida from 26.12.22 to 31.12.22. (RDWU is the only university from odisha which got selected for this residential training programme). NSSTA gives training to ISS officers.

(iii) Initiated National Statistics Day celebration at RDWU and Successfully organized one day seminar on "DATA & SUSTAINABLE DEVELOPMENT" on 30.06.2023 on the occasion of National Statistics Day, 2023.

(iv) Initiated a Statistics Laboratory in Department of Statistics, Rama Devi Women's University.

(iv) Presented a research paper entitled "A fuzzy Inventory model for decaying items with stock dependent demand and partially backlogged shortage under preservation facility" in the national seminar on ASAIES-2023 held on 3rd March, 2023 organized by Department of Statistics, Sambalpur University.

(v) Presented a paper entitled "An Inventory model for ameliorating items under preservation technology and conditional delay in the National Seminar on "STATISTICAL THINKING IN DATA SCIENCE AND KNOWLEDGE DISCOVERY(STDSKD-2023) organized by School of Statistics, Gangadhar Meher University, Amruta Vihar, Sambalpur, Odisha on 26th June, 2023.

(iv) Successfully completed one week Faculty Development Programme on "ACADEMIC ADMINISTRATION" from 12-18April, 2023 with grade A⁺ Organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education.

B. Mr. Ram Krishna Vinayak (Asst. Prof.)

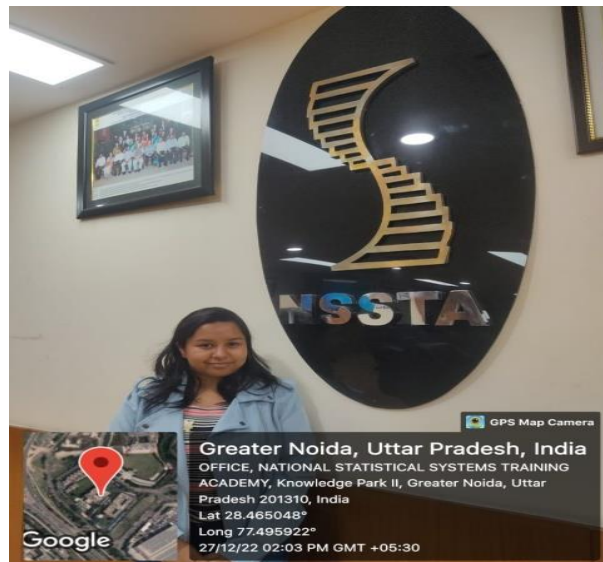
(i) Mr. Ram Krishna Vinayak (Asst. Prof.) Successfully completed a course on ChatGPT for Beginners in the month of April 2023. ChatGPT is a very important and potent AI tool.

C. Dr. Madhusmita Tripathy(Guest Faculty)

(i) Dr. Madhusmita Tripathy attended a national webinar on Smart Agriculture for sustainable development on 18.03.2023 organized by ASBM University.

(ii) Dr. Madhusmita Tripathy presented a research paper entitled "Influence SHG on the Socio-Economic Life of Women a Critical Study" at International Conference on Management Research (ICMR-2023) held on 23.02.2023.

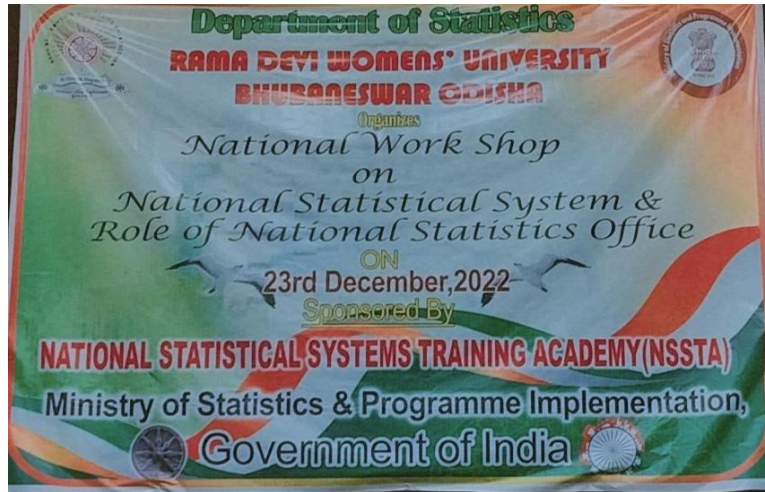
7. Students' achievement: Department of Statistics, RDWU got Selected (only university from odisha) for free training programme on official Statistics at NSSTA, Noida. Ms. Prerana Priyadarshini from 3rd year, Science (Roll no. 58R0020008) availed the training from 26.12.22 to 31.12.22.



8. Seminars/FDPs/Workshops organized:

1. A National Workshop on ‘National Statistical System & Role of National Statistics Office’ was organized at University auditorium on 23.12.2022 funded by National Statistical Systems Training Academy(NSSTA), Ministry of Statistics and Programme Implementation, Govt. of India.

The Workshop was inaugurated by Chairman, P.G. Council, Prof. Chandi Charan Rath. Prof P.K.Tripathy, Former head, PG Department of Statistics, Utkal University and Former Director for IT education, Utkal University, Shri Santosh Kumar Gupta, Joint Director NSSTA, Ministry of Statistics and Program Implementation and Shri Srinivas Uppala, Deputy Director general RO FOD bhubaneswar were the guest of honors. They delivered their valuable talks on Official Statistics. Students were awarded for the poster presentation competition.



ରମାଦେବୀ ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ଜାତୀୟ କର୍ମଶାଳା



ଭୁବନେଶ୍ୱର, ୨୩।୧୨ (ବୁଧବେଳା): ରମାଦେବୀ ବିଶ୍ୱବିଦ୍ୟାଳୟ ପରିଷଦ୍ଦ୍ୱାରା ବିଭାଗ ଦ୍ୱାରା ଆଜି 'ଜାତୀୟ ପରିଷଦ୍ଦ୍ୱାରା ବ୍ୟବସ୍ଥା ଓ ପରିଷଦ୍ଦ୍ୱାରା କାର୍ଯ୍ୟକାରୀ କୁମ୍ଭିକା' ଉପରେ ଏକ ଜାତୀୟ କର୍ମଶାଳା ଆୟୋଜିତ ହୋଇଥିଲା । ବିଶ୍ୱବିଦ୍ୟାଳୟର ପିଜି କାଉନ୍ସିଲ ଅଧ୍ୟକ୍ଷ ଚଣ୍ଡୀ ଚରଣ ରଥ ଉଦ୍ଘାଟନ କରି ପରିଷଦ୍ଦ୍ୱାରା ବିଷୟର ସୁରୁତ୍ୱକୁ ବର୍ଣ୍ଣନା କରିଥିଲେ । ସମ୍ମାନିତ ଅତିଥି ଭାବେ ଉତ୍କଳ

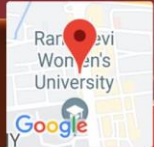
ବିଶ୍ୱବିଦ୍ୟାଳୟର ଅବସରପ୍ରାପ୍ତ ପ୍ରଫେସର ପ୍ରଦୀପ କୁମାର ତ୍ରିପାଠୀ, ସଭାପତି କୁମାର ସୁପ୍ତା, ଶ୍ରୀନିବାସ ପ୍ରମୁଖ ଯୋଗ ଦେଇ ନିଜର ବକ୍ତବ୍ୟ ରଖିଥିଲେ । ବିଭାଗୀୟ ମୁଖ୍ୟ ଡ଼ ଅନିମା ବାଗ ସ୍ୱାଗତ ଭାଷଣ ଦେଇଥିଲେ । ଛାତ୍ରୀ ଶର୍ମିଷ୍ଠା ଷଡ଼ଙ୍ଗୀ ଓ ପ୍ରେରଣା ପ୍ରିୟଦର୍ଶିନୀ ସଭାକାର୍ଯ୍ୟ ପରିଚାଳନା କରିଥିଲେ । ଅଧ୍ୟାପକ ରାମକୃଷ୍ଣ ବିନୟକ ଓ ଅତିଥି ଅଧ୍ୟାପିକା ମଧୁସୂଦା ତ୍ରିପାଠୀ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।

Workshop on statistical system held

BHUBANESWAR: A national workshop on 'National Statistical System and Role of National Statistics Office' was organised by the department of statistics of Rama Devi Women's University here recently.

It was inaugurated by PG Council chairman Chandri Charan Rath. Speakers deliberated on the subject of official statistics which was funded by National Statistical Systems Training Academy (NSSTA), Ministry of Statistics and Programme Implementations (MoSPI).

Among others, former HoD of Statistics department of Utkal University Pradip Tripathy, deputy director general (NSSO) Srinivas Uppala and joint director of NSSTA, MoSPI, Santosh Kumar Gupta spoke. While HoD of statistics department Anima Bag delivered the welcome address. ENS



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 Odisha 751022, India
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2. One day seminar on “DATA & SUSTAINABLE DEVELOPMENT” was organized on 30.06.2023 on the occasion of National Statistics Day, 2023 at Smart class room, Academic block-1, RDWU.

The seminar was inaugurated by Prof. Chandī Charan Rath, Chairman, P.G. Council. Two eminent speakers, Prof P.K.Tripathy,(Former head, PG Department of Statistics and Director for IT education, Utkal University) and Shri Anjan Kumar Jena, Former Deputy Director General, MoSPI, Govt. of India delivered their valuable talks on the importance of Statistics day and the utility of data and sustainable development. Winners of art competition were awarded on this occasion.



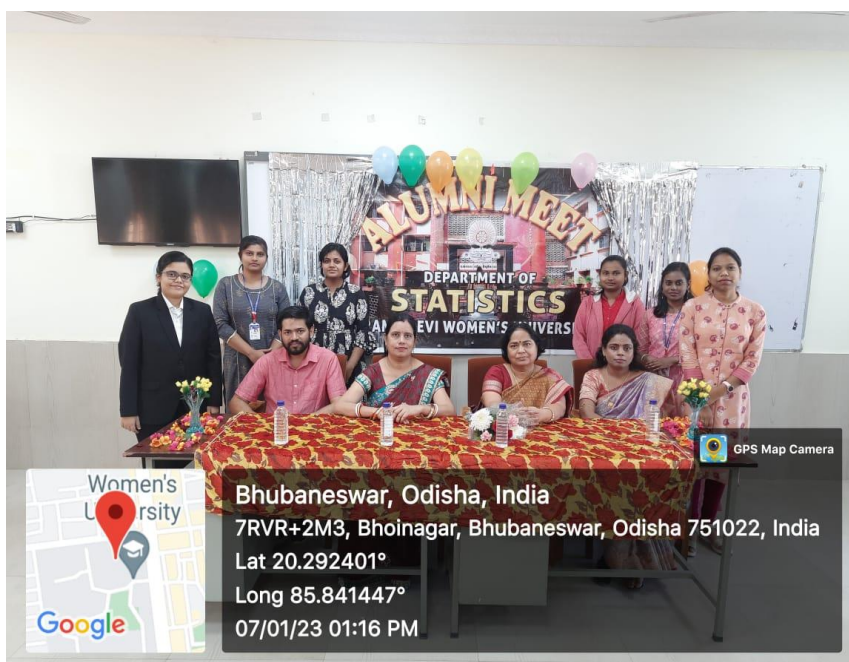
ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ପରିସଂଖ୍ୟାନ ଦିବସ
 ଭୁବନେଶ୍ୱର, ଓଡ଼ିଶା (ଭୂଷରେ): ପ୍ରଖ୍ୟାତ ପରିସଂଖ୍ୟାନବିତ୍ ପ୍ରଫେସର ପ୍ରଶାନ୍ତ ଚନ୍ଦ୍ର ମହାଲାନେବିସକ ଜନ୍ମଦିନକୁ ପରିସଂଖ୍ୟାନ ଦିବସ ଭାବେ ପାଳନ କରାଯାଇଛି । ଏହି ଅବସରରେ ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟରେ ‘ଡାଟା ସଂସ୍କେନେବଳ ଦେଭେକପମେଟ୍’ ଶୀର୍ଷକ ସେମିନାର ହୋଇଥିଲା । ପିଠି କାର୍ଯ୍ୟକ୍ରମ ଅଧୀନ ପ୍ରଫେସର ଚଣ୍ଡୀଚରଣ ରଥ ଉଦ୍ଘାଟନ କରିଥିଲେ । ସମ୍ମାନିତ ଅତିଥି ଭାବେ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ ପ୍ରଫେସର ପ୍ରଦୀପ କୁମାର ତ୍ରିପାଠୀ, କାର୍ଯ୍ୟକ୍ରମ ରୂପାୟନ ମହଶାଳୟର ପୂର୍ବତନ ଅତିରିକ୍ତ ନିର୍ଦ୍ଦେଶକ ଅଞ୍ଜନ କୁମାର ଜେନା ଯୋଗ ଦେଇଥିଲେ । ଡ. ଅନିମା ବାଗ ଛତ୍ର ଉତ୍ସର୍ଗ ଦେଇଥିଲେ । ଅଧ୍ୟାପକ ରମକୃଷ୍ଣ ବିନାୟକ ଧନ୍ୟବାଦ ଦେଇଥିଲେ ।





9. Social outreach programmes conducted: NA

10. **Alumni activities:** The Alumni Meet of Department of Statistics was held on 07.01.2023 in the smart classroom at 11:00 A.M. onwards. The meeting was chaired by the chief guest Mrs. Indumati Devi, Retd. Associate Prof. of Rama Devi Women's College, Bhubaneswar. Dr. Anima Bag, HOD, Statistics, Mr. Ramakrishna Vinayak, Asst. Prof. and Mrs. Madhusmita Tripathy(G.F.) were present. Introductory speech and warm welcome to the chief guest was delivered by the students. The importance of Alumni Meet and a brief history of the Department were delivered by HoD, Statistics. Chief guest gave a deliberate speech on the virtues of the students. She inspired the students to excel in their career with their best efforts. Cultural programmes were arranged in this occasion. Three students of the previous year attended the meet. Finally the meeting was ended at 2:00 P.M. with a vote of thanks by Mr. Ram Krishna Vinayak.



11. Value added courses: Two value added courses have been introduced in UG Program during the academic year 2022-23 in Department of Statistics. They are "SURVEY SAMPLING METHODS" and "INTRODUCTION TO PYTHON". These courses are designed to enrich the statistical knowledge and programming abilities among students.

12. Student's Progression

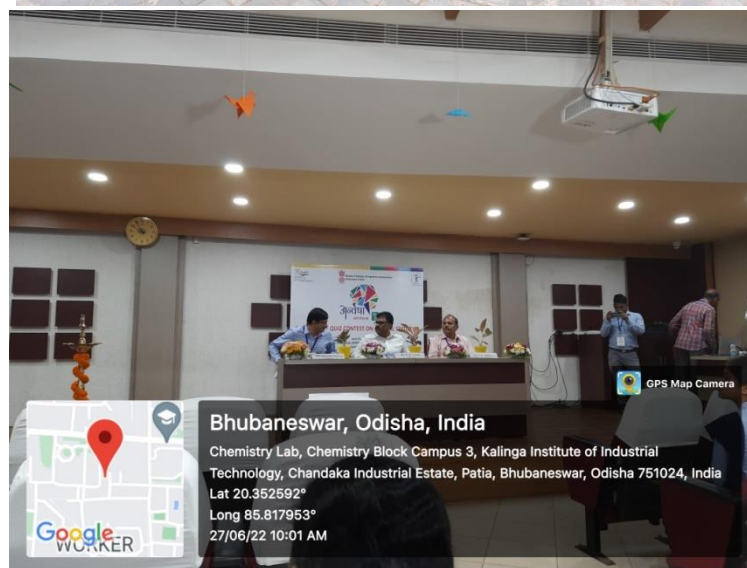
YEAR: 2020-2023

Roll no.	Name	progression
58R0020004	Kamini Marandi	MSc in MSCB University
58R0020008	S Prerana Priyadarsini	MSc in IIPS, Mumbai
26R0020005	Mitali Maharana	MA in Ravenshaw University
26R0020007	Muni Munda	MA in Utkal University

13. Any other

(i) Participation of students in ANWESHA , Nationwide quiz contest on official statistics at KIIT University on 27.06.2022

Four final year students participated in ANWESHA, A Nationwide quiz contest on official statistics at KIIT University on 27.06.2022 organized by NSSO Office, Bhubaneswar, Ministry of Statistics and Programme Implementation, Govt. of India.



(ii) Farewell of Final year students on 15.07.22

The farewell of final year students was held on 15.07.22 at Smart class room, Academic Block-1 at 11:00 am onwards. The meeting was chaired by HoD Statistics, RDWU and other faculties of the department. The 2nd year and 1st year students arranged the meeting and gave farewell speech to their seniors. All faculties deliberated speeches with good wishes to the final year students. The meeting was ended with a vote of thanks by CR of 2nd year, Ankita Sahu.



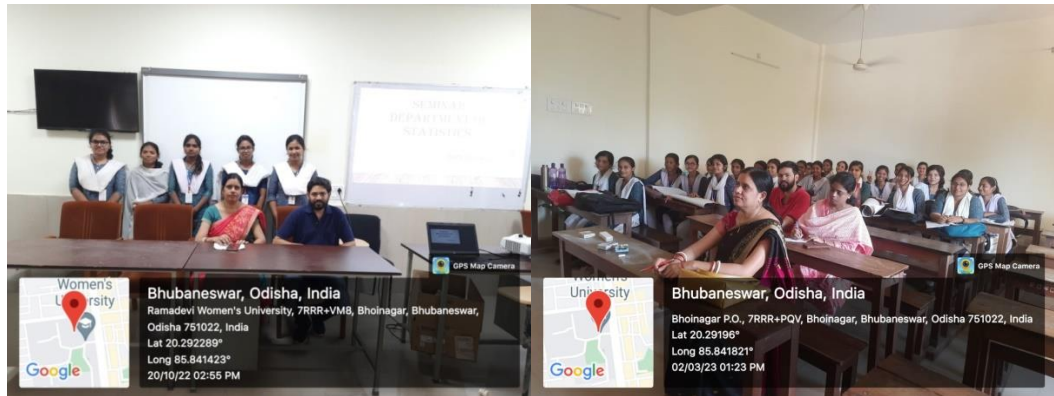
(iii) Welcome of 1ST year students on 29.11.2022

The welcome of first year students was held on 29.11.22 at Smart class room, Academic Block-1 at 11:00 am onwards. The meeting was chaired by HoD Statistics, RDWU and other faculties of the department. The 2nd year and 3rd year students arranged the meeting and gave farewell speech to their seniors. All faculties deliberated speeches with good wishes to the final year students. The meeting was ended with a vote of thanks by CR of 2nd year, Ankita Sahu.



(iv) Poster Presentation competition on official statistics on 21.12.2022.

(v) Departmental Seminar on 20.10.2022 and 02.03.2023.



(vi) Opening of Statistics Laboratory

Department of Statistics has been granted 3 computers for conducting Statistics Practical in the academic session, 2022-2023.



(vii) Farewell of final year students on 21.04.23

The farewell of final year students was held on 21.04. 23 at Smart class room, Academic Block-1 at 11:00 am onwards. The meeting was chaired by HoD Statistics, RDWU and other faculties of the department. The 2nd year and 1st year students arranged the meeting and gave farewell speech to their seniors. All faculties deliberated speeches with good wishes to the final year students. The meeting was ended with a vote of thanks by CR of 2rd year, Ankita Sahu.



(viii) Parent –Teacher Meeting on 29.04.23

The Parent-Teacher meeting was held on 29.04.23 at Department of Statistics. Parents discussed with the faculties about the career opportunities and the performances of their children.



(ix) Inauguration of Newsletter “STATISTIKA” of 2022-23 on 24.05.23

The Newsletter “STATISTIKA-2023” was released on 24.05.23 by Honourable Vice Chancellor Prof. Aparajita Chowdhury in presence of Chairman, P.G.Council, Director, IQAC, Coordinator, IQAC and department faculties.



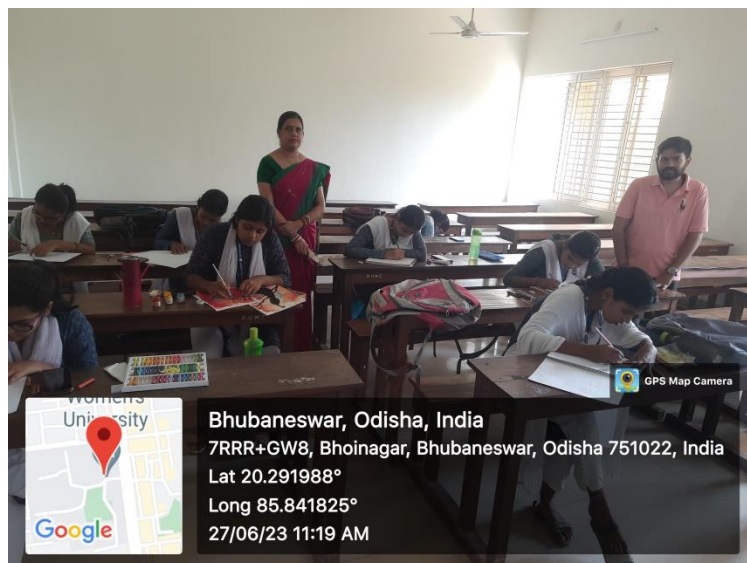
(vii) Participation of students in National Statistics Day celebration on 29.06.23 organized by Ministry of Statistics and Programme implementation, Govt. of India

National Statistics Day was celebrated by NSSO (National Sample Survey Organization), MoSPI, Govt. of India on 29.06.23 at hotel Sheetal, Bhubaneswar. 32 students from Department of Statistics, RDWU attended the programme. They had participated in quiz programmes and got attractive prizes along with certificates.



(x) Participation of students in Art competition for seminar on national statistics day on 27.06.23.

An art competition was organized in Department of Statistics on 27.06.23. Huge number of students participated in the competition. Winners of the competition were awarded on National Statistics Day celebrated on 30.06.23.



Anima Bag

Signature of HoD