



STATISTIKA

B.H. COLLEGE
HOWLY E-NEWSLETTER OF THE DEPARTMENT OF STATISTICS

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Advisors

- Dr.Chavan Kr Sharma
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- Dr Bagsmrita
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Editors

- All the 4th semester
students of
Statistics(Honours)
department

Members

- All the Statistics
(Honours) Students
of 2nd and 6th
semester

The departmental activities are highlighted chronologically along with the photographs inside this issue.

FROM THE PRINCIPAL'S DESK

This is a matter of great pride that the department of Statistics is releasing the first issue of their departmental Newsletter on 20th March 2023. It highlights the significant activities of the students and by the department carried out throughout the period. I wish them a very bright future ahead.



Dr. Bhushan Ch. Pathak
Principal
B.H College,Howly

EDITORIAL COLUMN

This newsletter is a humble attempt to show cast the activities of the department of Statistics. This is the first attempt of the department to depict the department and students' activities in digital format. This newsletter is prepared with the sole objective of disseminating the Statistics departmental activities with others and hoping that it may encourage the members of the Statistics department to work more tirelessly and effectively. Further the release of this Newsletter in digital format will be a small step in saving trees to an extent.

FRESHERS CUM FAREWELL



The freshers and farewell 2021 was held on 30th of November 2021. The event was organized a little bit late due to the covid-19 outbreak. The program was well-organized by the Statistics family of our college to bid farewell to the 2018 batch and welcome the newcomer of 2021 batch. The event was started with the speech of our HOD, Dr. Chavan Kumar Sarmah, followed by Hrishikesh sir and Simi ma'am. And then, it was followed by the gifting ceremony of the farewell batch and introducing our newcomers. The introduction of the newcomers was a full-packed fun. The Statistics family introduced our newcomers followed by dancing, singing and various fun activities.

FAREWELL



On 13th of June, 2022, the farewell ceremony of the 2019 batch of our Statistics department was organised. The Statistics family bade them farewell with fulam gamosa (a traditional Assamese towel) and gifts. The farewell group delivered speeches of their 3 years of college journey with mixed feelings (leaving the college & starting a new journey of life). The principal of our college, Dr. Bhushan Ch. Pathak was invited, and he delivered some amazing shayaris. The teachers of the department also encouraged the students and wishes the outgoing students for their bright future in their respective speeches.



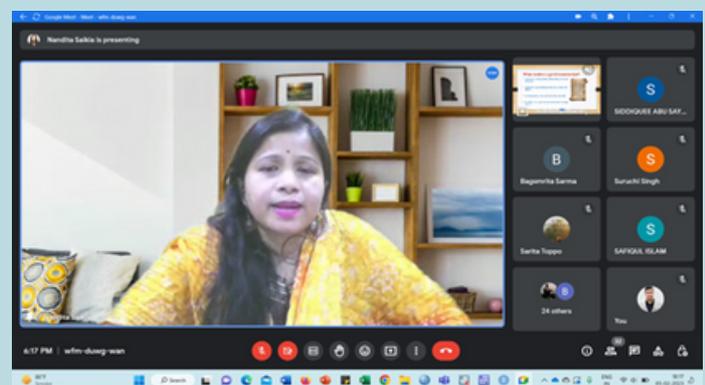
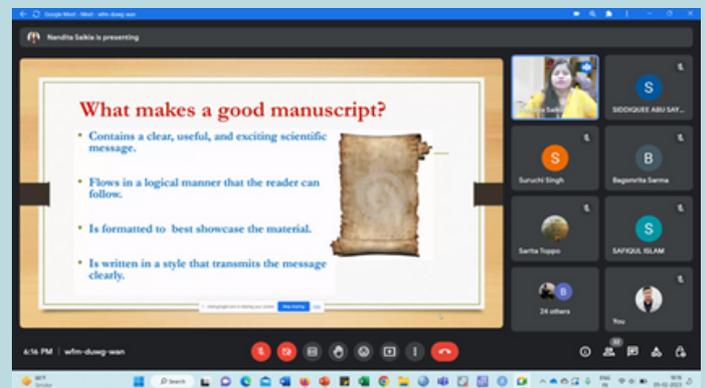
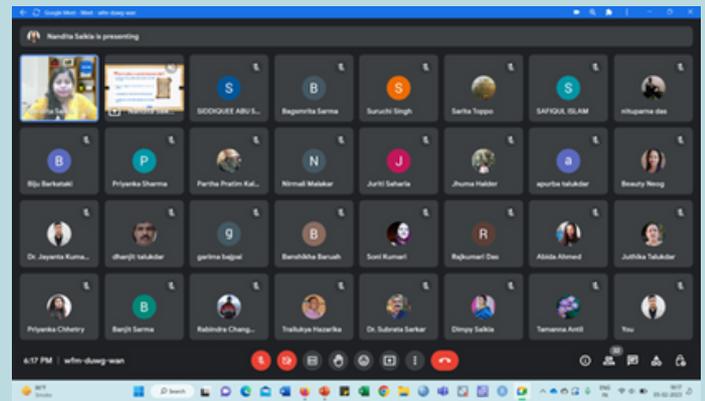
The launch of a wall magazine is a well-established custom that celebrates originality, novelty, and imaginative expression. It provides students with an outstanding chance to exhibit their abilities, hobbies, and concepts. This manuscript aims to provide a comprehensive summary of a given topic. The inauguration of six wall magazines of all the science departments took place on 15-10-22 at 12 noon. Dr. B. C. Pathak, Principal of B. H. College, Howly, was present for the inauguration, and he officially launched the magazines. Each magazine had its own theme, which were Physics: Unwinding Cosmos, Chemistry: Chocolate Chemistry, Mathematics: Math Madness, Zoology: Cancer in a Nutshell, Botany: Biotech Challenge, and Statistics: Global Social Media Index. The event was managed by Dandeswar Deka, Secretary of The Science Forum. And Poulomi, a student of B.Sc. 5th Semester (Statistics Hons), gave an explanation on the topic. On this occasion, Dr. B. C. Pathak delivered a lecture in the seminar hall, where he provided an in-depth explanation of the different aspects of the magazines and praised them highly. He also provided some valuable suggestions for improving the quality of the magazines. In the presence all the science forum members and students of all science departments made the event a success.



To welcome the 2022 batch of our department, the Statistics department organized a program on 22nd of October, 2022. The program started with the speeches of Dr Bagsmrita Bhagawati and Dr.Chavan Kr Sarmah . The newcomers were gifted with welcome letters and gifts. The program was followed by performing various fun activities like dancing, singing, acting etc. The program ended with the shayari by Dr. B. C. Pathak, Principal of B. H. College, Howly.

Research Methodology Workshop

Keeping in view of the immense benefits of online training programmes in present educational setup, the VART Research, Mumbai in collaboration with the department of Statistics and IQAC, BH College, Howly, Assam organized a week long workshop on Research Methodology for faculty members, research scholars and academicians across the country from 1st to 7th February, 2023, 6 PM -8 PM in Google Meet. Altogether 30 participants from the states of Assam, Uttarakhand, Arunachal Pradesh, Haryana, West Bengal, Maharashtra, Chhattisgarh and Bihar took part in the training programme. In the inaugural session, the welcome speech was delivered by Dr. Rabinjyoti Khataniar, Coordinator of IQAC, B.H. College, Howly. Dr. Chavan Kr. Sarmah, HOD of Statistics of B.H. College, Howly also grace the occasion. The invited resource persons were Dr. Nandita Saikia, Dr. Dharmendra Kr. Yadav, Dr. Manash Pratim Barman, Dr. Kuldeep Goswami, Dr. Jayanta Kr. Bora and Dr. Bagsmrita Bhagawati. The participants also took part in the workshop with full of enthusiasm and exchanged their views with the resource persons. In the valedictory function held on 7th February 2023, the participants lauded the articulation, efforts and energy of organizing committee for organizing such enriching programme and hoped that they would be able to participate more of such programme in near future. On completion of the workshop the participants were provided with e- certificates and inspiring feedbacks had been received from them.



Participation in College Week by the Students of the Department

The students of the department took active part in college week of the college held from 13th to 17th February 2023. Following are the some of the name of the students participated in different events and out of them some also won in the competition.

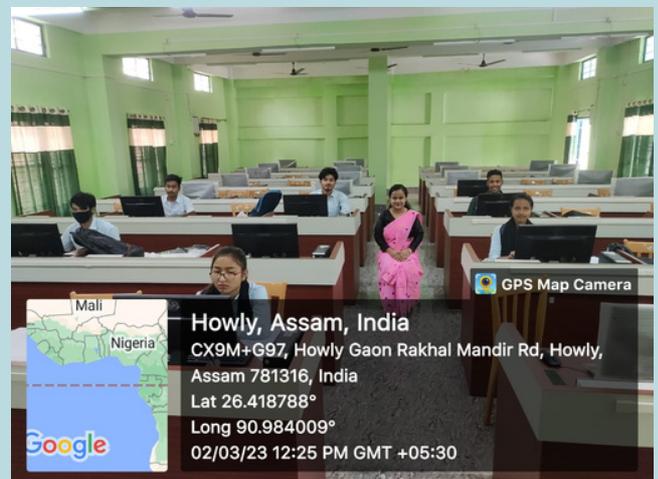
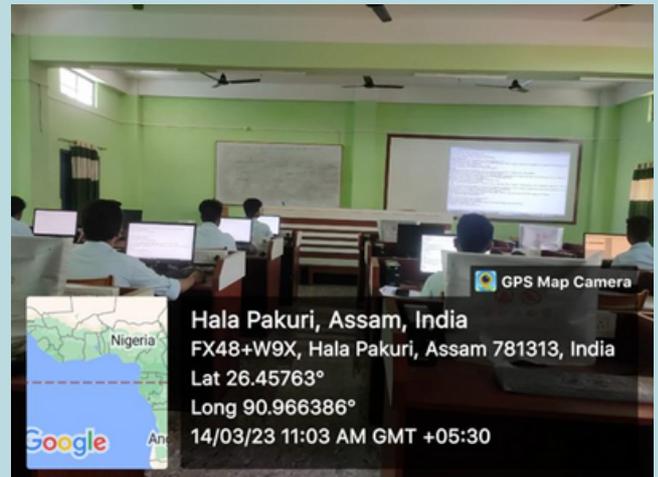
- Manash Pratim Das(4th semester) and Moon Das(4th semester) participated in the badminton competition.
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- Narayan Goutam (4th semester) participated in quiz, ludo competition. Also he participated in the cricket tournament and got his team 1st position in the event.
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- Ankita Das (4th semester) participated in dance competition.
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- Nafisa Lovna (6th semester) secured 3rd place in arm wrestling competition.
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- Kalyan Ramchiary (2nd semester) participated in marathon, basketball, football, volleyball, badminton and in tug of war. He secured 7th place in marathon.





Parbit Srivastava and Dr Kulajit Pathak

The students of the department have participated actively in Science Day celebration on 27th February organized by The Science Forum of B. H. College, Howly. The Science Forum of B. H. College, Howly has observed the National Science Day on 27th February 2023 by organizing an invited talk on Astro Physics along with a merit award distribution ceremony. Dr Upakul Mahanta of Physics department of Bhattadev University delivered a talk on Astro Physics. In the program, Parbit Raj Srivastava, the topper of the department of the year 2021, was awarded with a book and a certificate. The award was given to Srivastava by Dr. Kulajit Pathak of Mathematics department of B.H.College,Howly. Similarly, Nihar Pathak topped the department in the year 2022.



The R-programming language is taught as a Skill Enhancement Course (SEC) in B.Sc 4th semester. In this session, this program started on 25/01/23 and is still continuing. R is a programming language and it is free to use and beneficial for the students. R-Programming is a language which is student friendly and used extensively for statistical data analysis .During this course of R-programming, several applications were discussed for instance how to import data in R, how to find different statistical measures, how to plot different graphs ,charts etc. It provides a wide variety of statistical and graphical techniques and highly useful. This R-programming is taught by Suravi Nath of our department.

DEPARTMENTAL SEMINAR



On 4th, 11th, 13th, and 18th of March, 2023 Statistics department organised series of seminars among the 4th semester students. During this time, all the students presented on different topics related to statistical process control, estimation theory, linear models, analysis of variance, and sampling inspection plans. Partha Pratim Das began the series by delivering a presentation on "Control Charts for Attributes". This technique is used in statistical process control to monitor and control the quality of a product or process. Smita Podder followed up with a presentation on "SQC X Bar Chart," which is used to monitor the average value of a process over time. Mintu Nath and Manas Pratim Das in their respective presentation then presented on "Control Charts for Variables", which is another technique used in statistical process control to monitor and control the quality of a product or process. This was followed by Ariful Islam's presentation on "Introduction to Estimation Theory", which is a branch of Statistics that deals with estimating parameters of a population. Bishal's presentation was on "Introduction to Linear Models", which involves using linear regression models to analyse data. Narayan Goutam presented on "ANOVA", which is a statistical technique used to analyse the variance between groups. Moon Das presented on "ANOCOVA", which is a variation of ANOVA that includes covariates. Ankita Das's presentation was on "ANOVA Two Way Classified Data", which involves taking samples from a population to make inferences about the entire population. Finally, Munni Singh and Rick Paul presented on different topics related to statistical process control. Overall, the seminar series provided the 4th semester students with a comprehensive understanding of statistical process control, estimation theory, linear models, analysis of variance, and sampling inspection plans. These topics are critical to any field that requires the use of statistical analysis, including business, engineering, and social sciences. By learning about these techniques, the students will be better equipped to analyse data and make informed decisions in their future careers.

BLOOD DONATED BY A STUDENT IN MARCH 2023

Narayan Goutam, a Bsc 4th semester student of BH College (Statistics honours), donated blood to a needy man at GMCH on 11 March 2023.



STUDENTS' ENGAGEMENT AFTER COMPLETING DEGREE FROM THE DEPARTMENT

After graduation in Statistics, almost every year students clear the entrance exam for Master's degree, B. Ed, Dled etc and are enrolled in various state colleges and universities of Assam. A few students of the department are also employed in regular posts of various government and non-government organization. In 2022 student named Madhusmita Barman of 6th semester got regular job in Assam police.

Acknowledgement

The fraternity of Statistics department acknowledge Principal Dr. Bhushan Ch. Pathak Sir to provide us a platform to showcase our departmental activities.

Designed by
Rick Paul
Partha Pratim Das