

Topic: The growing importance of bioinformatics in modern biological research.

Resource person: Ramashankar Bordoloi, Research Scholar, Department of Zoology, Gauhati University

Date: 28 and 29th October 2024

Venue: Seminar Hall, Department of Zoology.

The Department of Zoology, Morigaon College organised a Two Day Workshop on Introduction to Bioinformatics on 28.10.24 & 29.10.24 in the Seminar Hall, Department of Zoology, Morigaon College. Ramashankar Bordoloi, Research Scholar, Department of Zoology, Gauhati University was present as the resource person who emphasized the growing importance of bioinformatics in modern biological research. Participants were introduced to the structure and organization of biological databases. The hands-on exercise focused on accessing and retrieving data from online repositories, understanding sequence formats (FASTA, GenBank), practical examples of gene and protein searches, principles of pairwise and multiple sequence alignment, algorithms like Needleman-Wunsch and BLAST, interactive exercises using BLAST to analyze sequence data. The day concluded with a Q&A session, allowing participants to clarify doubts and discuss practical applications. Students of Morigaon college, Anandaram Dhekial Phookan College, Jagiroad College benefitted from the workshop.



GPS Map Camera

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Topic :- The growing importance of bioinformatics
in modern biological research.

Date - 28 and 29th October, 2024.

Resource person - Ramashankar Baidolai, Research
Scholar, Department of Zoology, Tribhuvan
University

Venue - Seminar Hall, Department of Zoology.

Speakers -

1. Dr. Abdul Quim Osman
2. Dil Jee
3. Madhubanti Das
4. Anshu Subbaraj
5. Prachi Ranu Das
7. D. Bituparna Dey
10. Kalita Rabindras
11. Jahnabi Barah
12. Puspita Barah
13. Pranshu Das
14. Nikita Shrestha
15. Anshu Ranu

12. Sanjay Das
17. Deepshikha Das
18. Sumanya Siddhanta
19. Manoj Khaitan
20. Ujal Batabar
21. Khushboo Kanyang
22. Deepshikha Boudoti
23. Jaha Rani Sabala
24. Prayaska Chanda
25. Rahul Gogoi
26. Pooja Nath
27. Shikharajyoti Barman
28. Chaitanya Banta Khandak
29. Pratiksha Barua
30. Beauty Das
31. Priyanka Mahanta
32. Shikha Sabita
33. Jyoti Saikia
34. Anshujoya Bhuyan
35. Anshu Chatterjee
36. Tanvi Bora
37. Supriya Majumdar
38. Anshu Kati
39. Sayida Akhatar
40. Akhatar Ali
41. Geeta Sh. Khatun
42. Nayanjayanti Nath
43. Libanjyoti Nath
44. Anshu Kati
45. Anshu Kati
46. Anshu Kati
47. Anshu Kati
48. Anshu Kati
49. Anshu Kati