



Quarterly Report

Department of Department of Zoology

Over the past four months, the Department of Zoology has been actively engaged in various academic, outreach, and research activities. The department has demonstrated a strong commitment to delivering both theoretical and practical education to students enrolled in BG 3rd and BG 5th Semesters, with a focus on fundamental concepts. Furthermore, the department has successfully organized examinations, seminars, and outreach programs while publishing research papers in peer-reviewed journals.

Progress in Teaching-Learning

- A. Completed the theory and practical classes of BG 1st and 3rd Semesters by Dr. Masarat Nizam and Dr. Ummer Rashid Zargar. In addition, the class work and practical work of Skill (An Introduction to Aquaculture) was completed by Dr. Ummer Rashid Zargar.
- B. An important meeting of Department of Zoology was held in the month of December to chalk out strategies for improving teaching-learning and to start preparation for the upcoming NAAC peer team visit. The recommendations of the meeting are as:
 - The meeting overwhelmingly supported that all activities of the department will be conducted in letter and spirit and in accordance with the vision and mission of the college
 - It was decided in the meeting that requisition for instruments and chemicals should be immediately submitted to the principal for immediate supply of requirements for the smooth conduct of practical work
 - The meeting decided that students of 1st semester (Skill) should be informed to submit application for the field tour to the trout farm at Kokernag
 - It was decided to revise the timetable by inclusion of practical work for BG 3rd semester and BG 1st semester (skill)
 - All the non-teaching staff were informed to start preparation for the upcoming NAAC assessment. In this regard, the non-teaching staff were impressed upon to keep all the documentation (like registers and other files) prepared of the last five years
 - The faculty suggested that aquarium should be made functional for the demonstration of practical's to the students of BG 1st semester (skill)
 - In view of the low attendance on Fridays, the meeting decided that interesting activities such field tours/experiential learning and activity-based teaching should be done on weekends.
 - The meeting decided to hold remedial classes for the slow learners to keep them at par with other students
 - It was decided to develop you tube channel of zoology to update the students about the activities conducted by the department.
 - Furthermore, all the concerns of the non-teaching and local employees were discussed and addressed
- C. **Action Research** was undertaken to understand the feasibility of various teaching practices on the students of BG 3rd and 5th Semester in the last of week of November, 2023.



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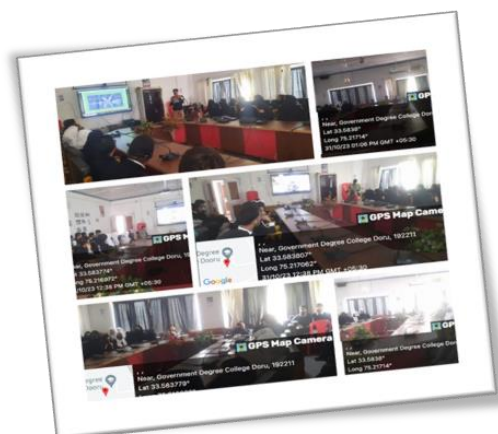
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2. Conduct of Examination

- The Department of Zoology completed the practical examination of BG 1st and 3rd Semester in the 3rd and 4th week of December, 2023
- The faculty of the Department of Zoology performed the examination duty for the conduct of various BG semester from October, 2023-Decemebtr, 2023.
- The faculty of the Department of Zoology also acted invigilator for the conduct of IGNOU Examination
- **Dr. Ummer Rashid Zargar** was nominated as an external examiner by the Degree College Banihal for the conduct of practical examination of BG 3rd and 5th Semesters

3. Seminars and Debates Conducted

- A. An awareness programme on 'Birds of Kashmir' was conducted on 31st October, 2023 by the Deptt. of Zoology to deliberate upon the current status of Birds and their conservation significance. *Mr. Parvaiz Yousuf Researcher, Wildlife Conservation Fund* was the subject expert who delivered the lecture on the occasion. The highlights of the programmes were:
- A documentary on 'Bird Watching in Kashmir' was shown to the students
 - Release of Book on the title 'Birds of Kashmir Himalaya'
 - Field Trip to identify the local birds by using binocular.



- B. An awareness programme on the theme 'Ideation and Innovation' in collaboration of SKUAST-K Innovation, Incubation & Entrepreneurship (SKIIE) Centre was conducted on 1st November, 2023 by the Deptt. of Zoology to motivate budding innovators towards Innovation and ideation. Dr Naveed Hamid, CEO SKUAST-K Innovation, Incubation & Entrepreneurship (SKIIE) Centre and Mr. Naik Qayoom (Young Innovator) were are invited speckers on the occasion.

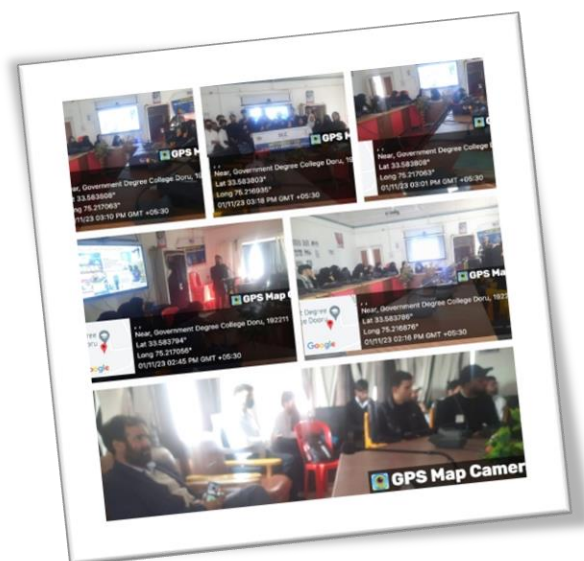


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4. Papers/Talks/Lectures Presented

Dr. Ummer Rashid Zargar delivered a talk titled 'Role of Science and Technology to Upskill the Youth & Fulfil the Dreams of Viksit Bharat-2047' on 5th January, 2023 on the eve of programme titled 'Youth & the Dream of Viksit Bharat @ 2047.

5. Papers Published in Peer Reviewed Journals

Akhter, S., Rather, M. I., & Zargar, U. R. (2024). Understanding the food waste behaviour in university students: An application of the theory of planned behaviour. Journal of Cleaner Production, 140632 <https://doi.org/10.1016/j.jclepro.2024.140632> (IF=11.1)

Zargar, U.R., Khanday, S.A., Rather, M.I. et al. Accelerated eutrophication alters fish and aquatic health: a quantitative assessment by using integrative multimarker, hydrochemical, and GIS modelling method in an urban lake. Environ Monit Assess 196, 40 (2024). <https://doi.org/10.1007/s10661-023-12213-6> (IF=3)

HOD Zoology

PRINCIPAL



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