

Scholars Connect Research Outreach Initiative

In association with IQAC and CCRCPC

REPORT

Popular lecture series session 1

Date: 29/01/2024

Venue: Saint Chavara Seminar Hall

Coordinator: Shehanaz U

Inaugural ceremony of popular lecture series a research outreach initiative by scholars connect took place on January 29 2024 at 2 pm. Dr. linto alappat welcomed the gathering followed by the inaugural address by Fr. Dr. jolly Andrews. Ms. Famy Francis delivered the felicitation and Ms. Shehanaz U expressed vote of thanks. The lecture on schedule was delivered by Vivek chandran A, Research scholar, dept. Geology and Environmental science on the topic “Dragon flies and damsel flies: indicators of ecosystem health”. The 30 min talk was followed by 10 min discussion session. The session ended after official meeting of scholars connect.

SCHOLAR'S CONNECT Research

Outreach Initiative In association with IQAC and CCRCPC

29 January 2024

2pm @ Chavara seminar hall

We are delighted to extend an invitation to you for a captivating lecture talk by **Vivek Chandran**. This thought-provoking event promises to be an enlightening experience, offering valuable insights into 'Dragonflies and damselflies: Indicators of ecosystem health'.

Welcome speech - Dr. Linto Alappat (Dean of Research)

Inauguration - Fr. Dr. Jolly Andrews (Principal)

Popular talk - Mr. Vivek Chandran A (Research Scholar)
(Dept. of Geology and Environmental Science)

Vote of thanks - Shehanez U (coordinator)

Abstract

Odonata, commonly known as dragonflies and damselflies, constitute a diverse order of insects with over 6,000 known species worldwide. These fascinating insects play a crucial role in various ecosystems, contributing significantly to both terrestrial and aquatic food webs. Odonates are characterized by their agile flight, unique mating behaviours, and distinct life stages, including aquatic nymphs and airborne adults. Ecologically, odonates serve as effective predators, controlling populations of various insects, including mosquitoes and other pests. Their predatory role helps maintain a balance in ecosystems and contributes to the overall health of aquatic and terrestrial environments. Additionally, dragonflies and damselflies are important prey for birds, amphibians, and other insectivores, further enhancing their ecological significance within food chains.

Due to their complex life cycles, reliance on healthy freshwater ecosystems, and position in aquatic food chains, odonates are considered excellent biological indicators. Their diversity and abundance signal the quality and biodiversity of wetland areas. Pollution, habitat alteration, or changes to hydrological systems that reduce odonate numbers likely indicate threats to the broader ecological community. Odonates, thus, fill critical niches across both aquatic and terrestrial habitats, and changes in their populations can be "red flags" for damaged or unstable ecosystems requiring intervention or protection. Understanding odonate ecology and utilizing their sensitivity to environmental change can support freshwater conservation globally.

Vivek Chandran A





Date & time : 29.01.2024 , 2:00 p.m.
 Venue : Saint Chavara Seminar hall
 Agenda : Popular lecture series and meeting of ScholarsConnect

The inaugural ceremony of the popular lecture series, a research outreach initiative by ScholarsConnect was took place on February 29th, 2024 at 2:00 p.m. Dr. Linto Alappatt welcomed the gathering followed by the inaugural address by Fr. Dr. Jolly Andrews. Ms. Fany Francis delivered the felicitation. Ms. Shehanoz U. expressed the vote of thanks and invited Mr. Vivek Chandran A, research scholar Dept. of Geology & Env. Science for the talk on the topic "Dragonflies and Damselflies: Indicators of ecosystem health". The 30 minutes talk was followed by a 10 minutes discussion, during which the audience raised their doubts.

It was followed by the first official meeting of ScholarsConnect which was facilitated by Ms. Shilpa K.R, secretary, ScholarsConnect. Updates about the national conference were given. It was decided to arrange the keynote speakers from each domain and select a scholar for the next talk of lecture series before 02.01.2024 (Friday). Scholars raised concerns regarding the remuneration amount for keynote speakers and presentations. These concerns will be sorted out and inform to the group via what's app.

ATTENDEES :-

1. Shilpa K.R. (Zoology)
2. Vishnu Das E.H. (Zoology)
3. Hilda V.S. (Chemistry)
4. Seena Chacko (Chemistry)
5. Ramya K (Chemistry)
6. Shama M.M. (Zoology)

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7. Athul Sankar C (Zoology)
8. Justin Preen Jacob (Zoology)
9. Xiswanya N (Zoology)
10. Ajina VS (Commerce)
11. Arundhathi PS (Commerce)
12. Aslam PS (Commerce)
13. Sibi K K (Zoology)
14. Denet Davis (physics)
15. Hilda D.S (EVS)
16. Vivek Chandran A (EVS)
17. Anshama M (EVS)
18. Shehanoz U (EVS)
19. Fany Francis (Chemistry)
20. Fr. Dr. Jolly Andrews (Principal)
21. Dr. Linto Alappatt (Research Dean)
22. Dr. Subin K. Jose (Research Supervisor)