

**J.J. College of Arts and Science (Autonomous), Pudukkottai – 622 422**

**PG AND RESEARCH DEPARTMENT OF BOTANY**

**Special Lecture Organized by the Department**

**1. One day National webinar on New Business in Botany – A Start-up**

The Linnaeus Club of Botany, J.J. College of Arts and Science (Autonomous), Pudukkottai, organized a one day Special Lecture on Trends in New Business in Botany – A Startup 8<sup>th</sup> July 2022. The first session started at morning 11.00 am, Dr. M. Arumugam, Head of the Department was welcome the gathering and Dr. A.N. Sundar introduced the chief guest Dr. B.Anitha Rani, Director, Karpaga Vinayaga Institute of Management, Pudukkottai.

The chief guest denoted that Entrepreneurial Botany is the study of how new businesses are created using plant resources as well as the actual process of starting a new business. An entrepreneur is someone who has an idea and who works to create a product or service that people will buy, by building an organization to support the sales. Entrepreneurship is now a popular topic for higher secondary students; with a focus on developing ideas to create new ventures among the young people. She also emphasized the vast opportunities are there for the students of Botany. In the present scenario students should acquire ability to merge skills and knowledge in a meaningful way. Converting botanical knowledge into a business idea that can be put into practice for earning a livelihood is the much-needed training for the students. This part of chapter is aimed to help the students to acquire such skills with practical knowledge to start a few activities of entrepreneurship. At the end of the session the participants asked lot of questions regarding the topic. The second session was over at 1.00 pm. A total of 60 participants are actively participated. Finally Ms. K. Thamaraichelvi, Assistant Professor to deliver the vote of thanks for all the delegates and participants.

  
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## 2. One Day Special Lecture on Anthropogenic Impact of Forest Regeneration

The Linnaeus Club of Botany, J.J. College of Arts and Science (Autonomous), Pudukkottai, organized a special lecture on Thursday, 2<sup>nd</sup> September 2022, the resource person Dr. A.Egbert Selvin Rose, Associate Professor, Department of Botany, St. Joseph's College (Autonomous), Trichy.

The chief guest denoted that Forest regeneration may be also affected by the interference in seedling recruitment via indirect effects of proximity to human residence. For example, wildlife may avoid human villages and their immediate proximity. As a result, seed dispersal via these animals may become extremely difficult.

The protection of tropical forests is one of the most urgent issues in conservation biology because of the rapid deforestation that has occurred over the last 50 years. Even in protected forests, the anthropogenic effects from newly expanding villages such as harvesting of medicinal plants, pasturing cattle and forest fires can induce environmental modifications, especially on the forest floor. It is evaluated the anthropogenic effects of the daily activities of neighboring residents on natural forests in 12 plots extending from the village boundary into a natural forest. The basal area per unit land area did not present a significant trend; however, the species diversity of woody plants decreased linearly towards the village boundary, which caused a loss of individual density because of severe declines in small saplings compared with adult trees and large saplings in proximity to the village. An analysis of tree-size categories indicates a lack of small samplings near the village boundary. The current forest appears to be well protected based on the adult tree canopy, but regeneration of the present-day forests is unlikely because of the loss of seedlings.

At the end of the session the participants asked lot of questions regarding the topic. The second session was over at 1.00 pm. A total of 60 participants are actively participated. Finally Dr.J.Mohammed Hussain, Assistant Professor to deliver the vote of thanks for all the delegates and participants.

  
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