

Andhra Christian College, Guntur

(Day, Evening and PG)

NOTICE

Date: 08-02-2023

This is to inform that there will be a seminar on 'General Characters of Fungi and Their Importance in Human Life' tomorrow, i.e., on 09-02-2023, to be conducted by the department of Botany, at 3 PM. Mr. K. V. S. Durga Prasad, Lecturer in Botany, Hindu College, Guntur will address the seminar.

All the students of Sr. Inter, I & II B. Sc. are instructed to attend the programme without fail.



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GUNTUR

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1. The coordinator, IQAC, Andhra Christian College
2. The office manager, Andhra Christian College

Andhra Christian College::Guntur

Department of Botany

Seminar Report

Title: General Characters of Fungi and Their Importance in Human Life

Date and Time: 09-02-2023 at 3:00 p.m.

Venue: Department of Botany, Andhra Christian College, Guntur

Organized by: Department of Botany

Participants: Students of Sr. Inter, I & II B.Sc.

Resource Person: Mr. K. N. S. Durga Prasad, Lecturer in Botany, Hindu College, Guntur

Faculty Present:

- Dr. V. Ezra Vijaya Sekhar, Head of the Department of Botany
 - Mrs. G. Nirmala Kumari
 - Mr. M. P. Satyakeerthi
 - Mr. T. D. Raja Sekhar
 - Dr. D. Phebe Sarah
 - Mrs. G. Venkata Lakshmi
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Objectives of the Seminar

- 1. Understanding the General Characteristics of Fungi:**
 - To provide a comprehensive overview of the biological classification, structure, and lifecycle of fungi.
 - To explain the various types of fungi and their distinguishing features.
 - 2. Highlighting the Importance of Fungi in Human Life:**
 - To discuss the ecological significance of fungi in nutrient cycling and decomposition.
 - To explore the role of fungi in medicine, industry, and food production.
 - To raise awareness about fungal diseases and their impact on human health.
 - 3. Promoting Scientific Inquiry and Research:**
 - To encourage students to delve into mycology and related fields.
 - To foster an understanding of the practical applications and potential research opportunities in the study of fungi.
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Summary of the Seminar

The seminar began with a welcome address by Dr. V. Ezra Vijaya Sekhar, Head of the Department of Botany. He emphasized the importance of understanding fungi and their impact on various aspects of human life. He then introduced the resource person, Mr. K. N. S. Durga Prasad, a respected Lecturer in Botany from Hindu College, Guntur.

Mr. Durga Prasad started his presentation by outlining the general characteristics of fungi. He explained that fungi are eukaryotic organisms that are heterotrophic, meaning they obtain their food from external sources. He highlighted the diverse forms fungi can take, from unicellular yeasts to complex multicellular structures like mushrooms.

He detailed the structure of fungi, focusing on components such as hyphae, mycelium, and spores. He also explained the reproductive strategies of fungi, including both sexual and asexual reproduction.

The seminar then shifted to the importance of fungi in human life. Mr. Durga Prasad discussed the ecological role of fungi in decomposing organic matter and recycling nutrients in ecosystems. He elaborated on the symbiotic relationships fungi form with plants, such as mycorrhizae, which enhance plant nutrient uptake.

In the medical field, he covered the use of fungi in producing antibiotics like penicillin, and their role in biotechnology for producing enzymes and other bioactive compounds. He also mentioned the industrial applications of fungi in processes like fermentation, which is essential in the production of bread, beer, and cheese.

Mr. Durga Prasad did not neglect the negative impacts of fungi, such as fungal infections in humans and plants, emphasizing the need for awareness and research in combating these issues.

Outcomes of the Seminar

1. Enhanced Understanding:

- Students gained a clear understanding of the basic characteristics and lifecycle of fungi.
- They learned about the diverse roles fungi play in both natural ecosystems and human industries.

2. Awareness of Fungi's Importance:

- The seminar highlighted the critical roles of fungi in medicine, food production, and environmental sustainability.
- Students became aware of the potential and challenges associated with fungi, including their benefits and the diseases they can cause.

3. Inspiration for Further Study:

- The seminar inspired students to consider careers and research opportunities in mycology and related fields.
- It fostered curiosity and a scientific mindset among students, encouraging them to explore further into the study of fungi.
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4. Practical Knowledge:

- Students acquired practical knowledge about the applications of fungi in everyday life.
- They learned about the ongoing research and developments in the field of mycology.

The seminar concluded with an interactive Q&A session where students actively participated, asking insightful questions. The faculty members, along with Mr. Durga Prasad, addressed their queries, providing deeper insights and clarifications.

Mrs. G. Nirmala Kumari delivered the vote of thanks, expressing gratitude to the resource person and the participants for making the seminar a success. The seminar ended on a positive note, with students leaving with a newfound appreciation for fungi and their significance in human life.



Mr. K. V. S. Durga Prasad delivering lecture



Interaction with students



Vote of thanks by Mrs. G. Nirmala Kumari

Participants

ANDHRA CHRISTIAN COLLEGE, GUNTUR
Department of Botany

"General characters of Fungi and Importance of Fungi in human life"

No	Name of the student	class	Signature of the student
1.	D. Kishore	571	D. Kishore
2.	G. Rajesh	581	G. Rajesh
3.	G. Ganesh	582	G. Ganesh
4.	Y. Narendra	584	Y. Narendra
5.	K. Sai Ram Nayak	617	K. Sai Ram Nayak
6.	M. Mostha Babu	572	M. Mostha Babu
7.	T. Rajesh	573	T. Rajesh
8.	K. Anand	579	K. Anand
9.	K. Babu	602	K. Babu
10.	M. Sai Keerthik	576	M. Sai Keerthik

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Department of Botany

"General characters of Fungi and Importance of Fungi in human life"

No	Name of the student	Class	Signature of the student
1.	Pattem. Praveena.	Sr. Inter	P. Praveena.
2.	Shak. Kousar Fathima	Sr. Inter	Sh. Kousar Fathima
3.	Mogal. Shammi	Sr. Inter	Mogal. Shammi
4.	A. Jeevari	Sr. Inter	A. Jeevari
5.	Sk. Mabeena.	Sr. Inter	Sk. Mabeena
6.	Sk. Mahammadbee.	Sr. Inter	Sk. Mahammadbee
7.	K. Swapna.	Sr. Inter	K. Swapna.
8.	U. Divya.	Sr. Inter	U. Divya
9.	A. Divya meghana.	Sr. Inter	A. Divyameghana...
10.	K. Rupa devi	Sr. Inter	K. Rupa Devi
11.	S. Ratna tabitha.	Sr. Inter	S. Ratna tabitha
12.	Y. Pradeep	Sr. Inter	Y. Pradeep
13.	P. Prem Kumar	Sr. Inter	P. Prem Kumar
14.	B. Venkata Krishna	Sr. Inter	B. Venkata Krishna
15.	M. Saidevya Prasad	Sr. Inter	M. Saidevya Prasad
16.	A. Subramanyam	Sr. Inter	A. Subramanyam
17.	B. Vamsi Naga Sai	Sr. Inter	B. Vamsi
18.	B. Devaraju Kumar	Sr. Inter	B. Devaraju Kumar
19.			

ANDRA CHRISTIAN COLLEGE, GUNTUR
Department of Botany

"General characters of Fungi and Importance of Fungi in human life"

Name of the student	Class	Signature of the student
M. Subhash	Ist BSc	M. Subhash
G. Babul	I st BSc	G. Babul
R. Gopi naidu	I st BSc	R. Gopi naidu
G. Harithik	I st BSc	G. Harithik
E. Gopi	I st BSc	E. Gopi
Ch. Sanjay Kumar	I st BSc	Ch. Sanjay Kumar
Raj Keethana. A	I st BSc	Raj Keethana. A
K. Annulu	I st BSc	Annulu k.
Ch. Bharath Kumar	II BSc	Ch. Bharath Kumar
B. Govtham Kumar	II BSc	B. Govtham Kumar
K. Sandeep	II BSc	K. Sandeep
D. Sidheep	II BSc	D. Sidheep
E. Pawan Kumar	II BSc	E. Pawan Kumar
Z. Gurupadu	II nd BSc (CO2)	Z. Gurupadu
K. Sandeep	II nd (CO2)	K. Sandeep
V. Vivek	I st BSc (CO2)	V. Vivek