



SRI VENKATESWARA COLLEGE

(UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Seminar on Understanding Apomixis- Recent Advances - Valedictory Function and Magazine Release			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME
23 February 2024	Botany	Involucre	Prof. Shukla Saluja (Teacher-in-charge & Convenor) Co-convenors: Dr. Pooja Gokhale Sinha Dr. Sunita Yadav Dr. Manoj Thakur Dr. Aditi Kothari Chhajer Dr. Pamil Tayal Dr. Shweta Sharma
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
10:30 AM	Room no.- 57	36	Offline

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	Seminar on Valedictory Function and Magazine Release
OBJECTIVES	The objective of the seminar on understanding apomixis recent advances could be to disseminate knowledge about the latest developments in apomixis research, fostering a deeper understanding among students. Additionally, it aims to promote collaboration, provide a platform for discussions, and enhance awareness of the significance of apomixis in the valedictory function of the department.
METHODOLOGY	The attendees were given a detailed presentation about what Apomixis is and how it can be a radical asset to the country and life on Earth. The speaker elaborated on the latest breakthroughs in the field of apomixis, highlighting its potential significance in upcoming research endeavors.
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	Senior Prof. Vishnu Bhat (Department of Botany, University of Delhi)
OUTCOMES	<p>Participants are motivated to initiate new research projects and explore innovative avenues within the realm of apomixis, contributing to the department's scholarly pursuits.</p> <p>Enriched educational experiences for students and faculty, exposing them to cutting-edge research and its practical implications.</p> <p>Discussions on potential future directions in apomixis research provide valuable insights, guiding the department's strategic planning and research focus.</p> <p>The seminar contributes to the dissemination of knowledge by sharing recent advancements in apomixis research with a wider audience.</p>

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters	2 Number of Participants & Name of Participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis ✓
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites ✓	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document
IQAC Document No: IQAC/SVC/ 2024/ Botany/Offline/02			Criterion No: V	
Departmental file no: Botany/2023-2024/ Seminar/ Involucre/02			IQAC file No: 2023-24	
NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)		
Prof. Shukla Saluja	Prof. Shukla Saluja			

For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

Activity Report

The valedictory function of our department marked a significant occasion, featuring a seminar dedicated to unraveling the recent advances in apomixis alongside the unveiling of the 6th edition of our esteemed annual magazine. The centerpiece of this event was an illuminating presentation delivered by Senior Professor Vishnu Bhat from the renowned Department of Botany at the University of Delhi.

Professor Bhat's presentation was a masterclass in elucidating the complexities of apomixis, providing a comprehensive exploration of the mechanisms involved in the generation of apomictic seeds. With clarity and precision, he navigated through the sexual mode of reproduction, placing particular emphasis on the formation of unreduced embryo sacs stemming from the Megaspore Mother Cell (MMC). The discourse expanded to encompass parthenogenesis, distinguishing between gametophytic and sporophytic origins derived from nucellar cells, and introducing the concept of pseudogenous endosperm.

The professor adeptly unfolded the intricacies of recent advancements, shedding light on the mechanism that underlies apomixis. The advantages of apomixis were eloquently presented, underscoring its role in clonal propagation through seeds, the fixation of genotypes, and the preservation of heterosis or hybrid vigor.

The seminar not only enriched our understanding of apomixis but also exemplified the department's commitment to advancing botanical sciences. Concurrently, the release of the 6th edition of our annual magazine served as a testament to our collective achievements, providing a platform to showcase the diverse and impactful contributions of our department to the broader scientific community. This event, with its scholarly discourse and celebratory undertones, underscored our commitment to knowledge dissemination and the continual pursuit of excellence in botanical research.

Professor Bhat highlighted the advantages of apomixis, such as clonal propagation through seeds, genotype fixation, and the maintenance of heterosis or hybrid vigor. This comprehensive overview not only deepened our comprehension of apomixis but also underscored its significance in contemporary botanical research.

Adding to the event's vibrancy, we organized two students competitions - an online photography competition and an offline poster-making competition. These creative competitions provided a platform for participants to showcase their artistic talents, aligning with the broader theme of celebrating the diverse facets of our department's achievements. The combination of scholarly discourse, insightful presentations, and creative expressions through competitions made the valedictory function a memorable and holistic experience for all participants.

A poster-making competition was held during the valedictory function of the Botany Department, where participants showcased their botanical expertise. The winners received notable prizes, with ₹500 awarded to the first-place winner, ₹300 for the second-place, and ₹200 for the third-place, adding an extra layer of excitement to the event.

During the valedictory function, an online photography competition captured the beauty of various places in India through stunning entries. The first-prize-winning image was particularly captivating. Though all the entries were impressive, we carefully selected the top three, awarding prize money to the winners in a manner similar to the poster-making competition.

Conclusion:

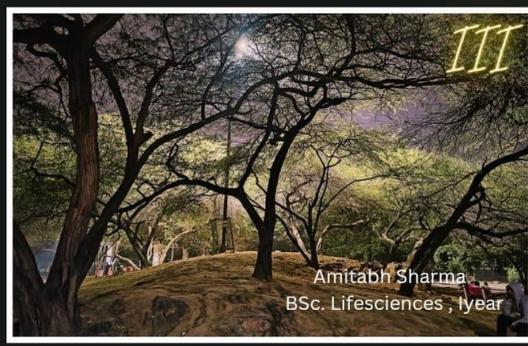
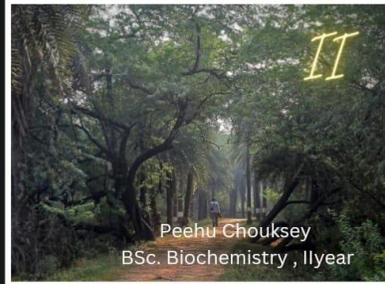
In culmination, the valedictory function of our department, featuring a seminar on apomixis recent advances and the unveiling of our 6th annual magazine, was a resounding success. Professor Vishnu Bhat's insightful presentation navigated the intricate landscape of apomixis, providing a thorough understanding of its mechanisms and recent breakthroughs. The seminar not only broadened our knowledge but showcased the department's commitment to cutting-edge botanical research. Simultaneously, the release of our annual magazine celebrated our collective achievements, highlighting the diverse and impactful contributions made by our department. This event, marked by scholarly discourse and a celebratory spirit, underscored our dedication to knowledge dissemination, fostering collaboration, and the continual pursuit of excellence in botanical sciences.

Some Glimpses of the event









Posters/Invites



INVOLUCRE
DEPARTMENT OF BOTANY
(Golden Jubilee Year of Establishment)
SRI VENKATESWARA COLLEGE



Invites for

VALEDICTORY SEMINAR

ON
“UNDERSTANDING APOMIXIS: RECENT ADVANCES”
And
MAGAZINE RELEASE



Senior Prof. Vishnu Bhat
Department of Botany
University of Delhi



23rd February 2024

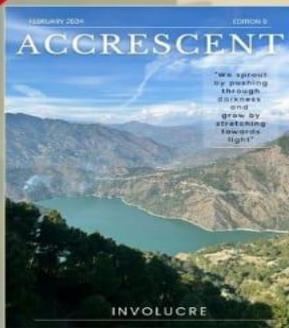


10:30 am



Room no. 57
Dr. V. Krishnamoorthy Block

Accrescent 6th Edition Release



On the spot
Poster making competition

<https://forms.gle/QjAsB7sK4mEAH3zJ7>

Hurry up!
Come & paint your hands with colors
(Exciting Prizes)



Patron and Ag. Principal
Prof. K. Chandramani Singh

Teacher-in-charge and Convener
Prof. Shukla Saluja

Involucre Co-Conveners
Dr. Manoj Thakur
Dr. Aditi Kothari Chhajer
Dr. Pamil Tayal
Dr. Shweta Sharma

Accrescent Co-Conveners
Dr. Pooja Gokhale Sinha
Dr. Sunita Yadav
Dr. Muthabathula Prajna
Dr. Prasad Kothareddy

No. of Participants & Name of Participants

(All attendees are affiliated with Sri Venkateswara College)

SEMINAR ATTENDENCE		DATE-23-02-24	
S.No.	Name	Roll no.	Course / Year
1.	Sonal Jhaman	1421044	Botany-hons. 3rd Ye
2.	Priya	1421039	Botany hons 3rd Year
3.	Dipti Khandelwal	1421024	Botany Hons. 3rd yr
4.	Aditi Raj	1421002	"
5.	Anshu Yadav	1421011	Botany H. 3rd Year
6.	Gauri Thakur	1423023	Botany Hons 1st year
7.	Anjali	1423025	Botany hons
8.	Manisha	1422013	Botany I st year
9.	Shruya	1422041	Botany Hons
10.	Chlorag	1422042	" II year
11.	Aditya	1422045	"
12.	Amitabh Sharma	1123003	Bsc Life Science
13.	Rupam Singh	1422011	Botany 2nd yr
14.	Aayushi Nain	1423001	Botany I st year
15.	Suhani Yadav	1423015	Botany I st year
16.	Gunjita	1422001	Botany II year
17.	Nikita	1422010	"
18.	Priyanshu Shanker	1421039	" III "
19.	Aman Singh	1423037	" I year
20.	Prithika San	1423016	" I year
21.	Ahul Kumar Surya	1423006	" I year
22.	Aryan Kumar	1423013	" I year
23.	Deepak Dutt	1423040	" I st year
24.	Bragati Gupta	1423046	" I st year
25.	Jagati Sharda	1423048	" I st year
26.	Nivisha	1423038	" I st year
27.	Neeraj Kumar Kuni	1423019	" I st year
28.	Sukriti Dubey	1423052	" I st year
29.	Karthika Jain	1421036	" III year
30.	Grace	1421058	Botany, II
31.	Chandna Jyeshtha Chohan	1422059	" , II
32.	Anoushka Tiwari	1422016	" III
33.	Priyanshu Singh	1422054	Botany II

S.No.	Name	Roll no.	Course / year
34	Aanya	1421052	B.Sc Botany (Hons)
35	Biyanka	1421022	B.Sc Botany (Hons)
36	Vaishanvi	1421049	B.Sc Botany (Hons)

Event Convenor and Teacher-in-charge:

Prof. Shukla Saluja (Professor, Department of Botany)

Event Co-convenor(s):

Dr. Aditi Kothari Chhajjer (Assistant Professor, Department of Botany)

Dr. Pamil Tayal (Assistant Professor, Department of Botany)

Dr. Sunita Yadav (Assistant Professor, Department of Botany)

Dr. Manoj Thakur (Assistant Professor, Department of Botany)

Dr. Shweta Sharma (Assistant Professor, Department of Botany)

Dr. Pooja Gokhale Sinha (Assistant Professor, Department of Botany)

Dr. Muthabathula Prajna (Assistant Professor, Department of Botany)

Dr. Prasad Kothreddy (Assistant Professor, Department of Botany)



Tirumala Tirupati Devasthanams

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Sri Venkateswara College
(University of Delhi)

NAAC Grade A+

CERTIFICATE

This is to certify that the Valedictory Seminar on Understanding Apomixis: Recent Advances and Magazine Release was successfully conducted on 23rd February, 2024 from 10:30 AM by the Department of Botany in the Offline mode and its event report has been submitted to IQAC for records.

Shukla Saluja
Event In-Charge

(Prof. Shukla Saluja)

Swarn Singh
IQAC Coordinator

(Prof. Swarn Singh)
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

K. C. Singh
Principal

(Prof. K. C. Singh)
PRINCIPAL (Acting)
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021