



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: A two-day Science Academies lecture workshop on “Trends in Plant Taxonomy”			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS' NAME
March 5 & 6, 2024	Botany	---	Dr. M. Sanjappa
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
09.00 Am to 5:30 PM	SVC, Seminar Hall	150	Indorr/offline
FINANCIAL SUPPORT/ASSISTANCE (if any):	Indian National Science Academies		

BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	<i>Trends in Plant Taxonomy</i>
OBJECTIVES	The objective of this program is to promote the interaction between scientists and researchers in Trends in Plant Taxonomy. To bring fellows of national academies, faculty, and students from various institutions together on a common platform to discuss the latest developments in plant taxonomy. The participants of the program will collaborate to identify and tackle some of the most important theoretical and research challenges arising from plant taxonomy. To motivate graduate students to pursue science as a career option. To update life science faculty on the latest developments in plant taxonomy.
METHODOLOGY	-
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	Dr. M. Sanjappa INSA Senior Scientist, Botanical Garden, University of Agricultural Sciences, GKVK, Bengaluru-560 065. Dr. R.R. Rao INSA Honorary Scientist, Central Institute of Medicinal and Aromatic Plants, Allalasaandra, GKVK, Bengaluru-560 065. Prof. A. Madhusudhana Reddy Department of Botany, Yogi Vemana University, Kadapa, Andhra Pradesh-516 005.


	<p>Prof. S.B. Babbar Department of Botany, University of Delhi, North Campus, Delhi-110007. Prof. Prem Uniyal, Department of Botany, University of Delhi, North Campus, Delhi-110007.</p> <p>Prof. Prem Uniyal Department of Botany, University of Delhi, North Campus, Delhi-110007. Prof. Prem Uniyal, Department of Botany, University of Delhi, North Campus, Delhi-110007.</p> <p>Dr. Ravi Kiran Arigela Scientist C Botanical Survey of India Arid Zone Regional Centre Nahar Rd, Gulab Nagar, Khema-Ka-Kuwa, Jodhpur, Rajasthan 342005.</p>
OUTCOMES	<p>In the lecture workshop Nearly 206 participants (Students, Teachers UG & PG, Research Scholars and Scientist) from various Universities, Degree colleges, Academic and Research institutions have been registered and participated. The Universities/Colleges/institutes like, University of Delhi, Sri Venkateswara college, Delhi, Deen Dayal Upadhyaya College, Delhi, Deshbandhu college, Delhi, Gargi college, Delhi, Hamsraj college, Delhi, Hindu College, Delhi, Kirorimal college, Delhi, Miranda House, Delhi, Bhaskaracharya College of Applied Sciences, Delhi, Acharya Narendra Dev college, Delhi, Maitreyi College, Delhi, Swami Shradhanand College, Delhi, Shivaji College, Delhi, Zakir Husain Delhi College, Delhi, J.C Bose University of science and technology, Faridabad, Lovely Professional University, Haryana, Andhra University, Andhra Pradesh, National Bureau of Plant Genetic Resources, New Delhi, etc.</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:	Criterion No:
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Departmental file no:	IQAC file No:
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NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. K. Prasad 		

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		

SUMMARY:

Details of participants

Sl. No.	Participants representing institution	Number
1	Sri Venkateswara college, University of Delhi	94
2	Deen Dayal Upadhyaya College, University of Delhi	10
3	Deshbandhu college, University of Delhi	03
4	Gargi college, University of Delhi	09
5	Hindu College, University of Delhi	10
6	J.C Bose university of science and technology	05
7	Kirorimal college, University of Delhi	04
8	Miranda House, University of Delhi	05
9	Bhaskaracharya College Of Applied Sciences, University of Delhi	03
10	Acharya Narendra Dev college, University of Delhi	05
11	Zakir Husain Delhi College, University of Delhi	01
12	Shivaji College, University of Delhi	01
	Total	150

Composition of participants

Sl. No	Composition of participants	Number
1	Teachers	27
2	Students	123
	Total	150

SCIENCE ACADEMICS LECTURE WORKSHOP

ON

“TRENDS IN PLANT TAXONOMY”

5th - 6th March, 2024

Sponsored by

INDIAN NATIONAL SCIENCE ACADEMY, NEW DELHI

INDIAN ACADEMY OF SCIENCE, BANGALORE

NATIONAL ACADEMY OF SCIENCES, ALLAHABAD



Organized by

Department of Botany

Sri Venkateswara College

University of Delhi



CONVENER
Dr. M. Sanjappa

COORDINATOR
Dr. K. Prasad



ABOUT THE COLLEGE



From its modest beginning in the Andhra Education Society in 1961, Sri Venkateswara College, a constituent college of University of Delhi, has been imparting value-based education to students across India for more than six decades. The concerted efforts of three visionaries: Smt. Durgabai Deshmukh, Shri K.L. Rao and Shri C. Anna Rao in the early decades of India's independence fructified with laying the foundation stone of the college by the greatest teacher of all time; Dr. Sarvepalli Radhakrishnan being an eminent philosopher and statesman. The aim was to impart education for character development to make global citizens with Indian values. The college has been accredited by the NAAC A+ grading with high NIRF ranking.

ABOUT DEPARTMENT OF BOTANY

The department of Botany, Sri Venkateswara College, was established in 1973 to cater to the needs of B.Sc. (Gen.) students. With the introduction of B.Sc. (Honors) Botany course in 1974, the department expanded in terms of manpower as well as infrastructure. In its Golden Jubilee year, the department has made significant contributions to the growth of college for the last five decades. Academic excellence, research aptitude and meritorious students have been the forte of the department. Since its inception, faculty members of the department have been involved in teaching, mentoring and in pursuing research. The department focuses on undergraduate teaching-learning coupled with innovative digital teaching tools to augment students' understanding of the subject. Faculty members are involved in research in diverse areas of core as well as applied Botany including Plant Taxonomy, Plant Physiology, Tissue Culture, Environmental Monitoring, Crop responses to Climate Change, Nanoscience etc. Social outreach and science popularization have also been the strengths of the department.

ABOUT THE WORKSHOP

Taxonomy, the science of the description and classification of organisms, is integral for the development of theoretical and applied biology. About 1.7 million species have been named since Linnaeus and it is estimated that approximately 5-10% of the world's biota has been described so far. However, in spite of its relevance, taxonomy as a domain area is in crisis due to inadequate funding, lack of trained taxonomists and skewed recruitment of young taxonomists. The discipline, undoubtedly, is under crisis and needs popularization at the grass root level, i.e. at undergraduate level. Taxonomy and species conservation are often assumed to be completely interdependent activities. However, lack of taxonomic information, skills coupled with limitations to correct identification of "species" pose challenges for conservationists.

A sound taxonomic base, therefore, is a prerequisite for environmental assessment, ecological research, conservation, management and sustainable utilization of biological resources. The increased awareness about biodiversity conservation, advancement in bioinformatics, statistical phylogenetics, molecular techniques, new taxonomic funding initiatives and global projects have been brought into lime light. Being fashionable again, Taxonomy with topics like Phylocode and Bar Coding are among the most controversial and discussed subjects in taxonomy today. It therefore becomes essential to identify, conserve the threatened species, detect and manage native vegetation. To accomplish this, we critically need to convey the importance of taxonomy as a basic science for understanding our lives.

The aim of this workshop is to promote plant taxonomy and underlying trends. We wish to promote National Academies' initiative vis-à-vis the popular workshop canvas the discipline and transfer the knowledge among students/researchers and faculty.

INVITED SPEAKERS



Dr. M. Sanjappa
INSA Honorary Scientist, Botanical Garden,
University of Agricultural Sciences, GKVK, Bengaluru



Dr. R.R. Rao
INSA Honorary Scientist, Central Institute of Medicinal
and Aromatic Plants, GKVK, Bengaluru



Prof. S.B. Babbar
Department of Botany, University of Delhi,
North Campus, Delhi



Prof. Prem Uniyal
Department of Botany, University of Delhi,
North Campus, Delhi



Prof. A. Madhusudhana Reddy
Department of Botany, Yogi Vemana University,
Kadapa, Andhra Pradesh



Dr. Ravi Kiran Arigela
Scientist, Botanical Survey of India,
Arid Zone Regional Centre, Jodhpur, Rajasthan



REGISTRATION DETAILS

Free Registration

- Early Bird Registration with limited seats
- Commencement of Registration - February 21, 2024
- Last date of Registration - February 26, 2024
- Registration link [Tap here](#)
- Certificates will be provided to those who will attend all lectures (attendance is compulsory) and fill feedback form.
- Venue: Seminar Hall, Smt. Durgabai Deshmukh Block, Sri Venkateswara College, University of Delhi, South Campus, Dhaula Kuan, New Delhi.

THEMES

- Identification and Nomenclature
- Plant Classification and Phylogeny
- Phytogeography
- Biodiversity and Conservation
- Floristic Studies in India
- Medicinal Plant Diversity

OUR TEAM

PATRON

Prof. K. Chandramani Singh
Ag. Principal, Sri Venkateswara College
University of Delhi

CONVENER

Dr. M. Sanjappa
INSA Honorary Scientist
GKVK, Bengaluru

COORDINATOR

Dr. K. Prasad
Department of Botany
SVC, University of Delhi

TEACHER -IN- CHARGE

Prof. Shukla Saluja
Department of Botany
Sri Venkateswara College

ORGANIZING COMMITTEE

Dr. Pooja Gokhale Sinha

Dr. Sachin Kumar

Dr. Sunita Yadav

Dr. Shantanu Mandal

Dr. Navneet Kumar

Dr. Pamil Tayal

Dr. Madhu Raina

Dr. Guduru Krishna Kumar

Dr. Manoj Thakur

Dr. Amrita Singh

Dr. Muthabathula Prajna

Dr. Shweta Sharma

Dr. Aditi Chhajjer

INVITATION



Department of Botany, Sri Venkateswara College
(University of Delhi, Dhaula Kuan, New Delhi)

cordially invites you for the inaugural of

A two-day national workshop on
“TRENDS IN PLANT TAXONOMY”
(March 5-6, 2024)

on March 5, 2024 at 10:00 AM

Seminar Hall, Smt. Durgabai Deshmukh Block, SVC, DU, New Delhi.

CHIEF GUEST

Prof. K.C. Singh
Ag. Principal
Sri Venkateswara College

SPECIAL GUEST

Dr. M. Sanjappa
Convener
INSA Honorary Scientist, Bengaluru

GUESTS OF HONOUR

Dr. R.R. Rao
INSA Honorary Scientist, Bengaluru

Prof. A. Madhusudhana Reddy
YVU, Kadapa, Andhra Pradesh



Dr. K. Prasad
Coordinator

Department of Botany, SVC, DU





A TWO-DAY SCIENCE ACADEMIES LECTURE WORKSHOP ON

“TRENDS IN PLANT TAXONOMY”

(March 5 & 6, 2024)



Organized by

DEPARTMENT OF BOTANY, SRI VENKATESWARA COLLEGE
UNIVERSITY OF DELHI, NEW DELHI, INDIA.

Venue: Seminar Hall, Smt. Durgabai Deshmukh Block, SVC, DU.

Dr. M. Sanjappa
Convener



Dr. K. Prasad
Coordinator

Inaugural Session:





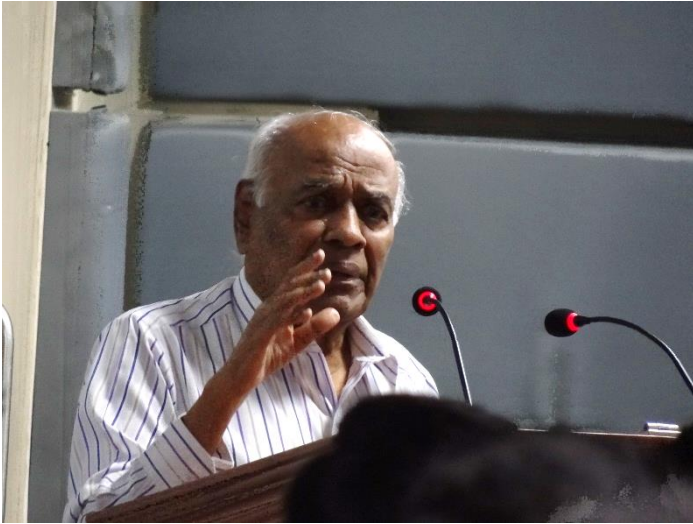
Session-I: First day 05-03-2024

Lecture -1. 10.45-12.15 pm: The first session for the day was chaired by Dr. M. Sanjappa, who delivered a lecture on “*Floristic Diversity in India: An overview*”.



Lecture – 2. 12.15 -1.45 pm: Lecture on “*Botanical Nomenclature*” by Dr. R. R. Rao., he traced the history of plant taxonomy from Theophrastus’s *Historia Plantarum* to the publication of Linnaeus’s *Species Plantarum* in 1753.





01.45 – 02:00: Lunch break.

Session-II:

Lecture – 3. 02.00-3.30 pm: Lecture on “*Conservation of threatened plant species in India*” by Dr. M. Sanjappa by explaining that biodiversity has become a buzzword during the last few decades, human activities in recent decades have seriously threatened the sustainability of our biodiversity.



03.30 - 03.45 pm: Tea break

Lecture – 4. 03.45 - 5.15 pm: Lecture on “*Lower groups taxonomy: Past, present, and future*” by Prof. Prem Uniyal, he has given an elaborate lecture on the above topic.



Session-III: Second day 22-01-2016

Lecture – 5. 09.00 - 10.30 am: Lecture on “*Role of taxonomy and Ethnobotany in Promoting Medicinal Plant Research in India*” by Dr. R. R. Rao. He explained the importance of taxonomy and ethnobotany in promoting medicinal plant research in India.



Lecture – 6. 10.30 -12.00 pm: Lecture on “DNA barcoding: an effective technique in plant molecular taxonomy” by Prof. S.B. Babbar. In this session, he covered the history and importance of DNA barcoding, the past, present, future of Phylogenetic Classification and important phylogenetic classification systems.



Lecture – 7. 12.15 - 1.45 pm: Lecture on “*Plant-bird interactions and the role of plant taxonomy in restoration of ecosystems*” by Dr. Ravi Kiran Arigela. In his lecture, he has given very elaborate research work on plant-bird interactions.



01.45 - 2.15 pm: Lunch break.

Session-IV:

Lecture – 8. 02.15 - 3.45 pm: Lecture on “*The Role of Botanical Gardens in Conservation of Endemic and Endangered Species*” by Prof. A. Madhusudhana Reddy. He explained the endemic and threatened species in India, the importance of botanical gardens in conservation of endemic and endangered species in India and the history of conservation activities in botanical gardens (world and Indian botanical gardens).



03.45 - 4.00 pm: Tea break & Cultural activities

Valedictory programme & Interactive session: 04.00 - 5.00 pm: In the interactive session, all participants interact with all resource persons, asking several queries. Dr. K. Prasad, Dr. Navneet Kumar, Dr. Shweta Sharma, Dr. Sachin Kumar, Dr. Devender Singh Meena, Dr. Divya Mohanty, Ms. Rupam Singh, Ms. Nikita

Ghosh, Ms. Suhani Pathak, Mr. Sanket Jain, Mr. Shiv Kumar, etc., were asked several questions, and all questions were clarified by the resource persons. This is then followed by the feedback session, where the students, research scholars and teachers expressed their views about the Lecture Workshop. In the overall feedback about the workshop, all participants are appreciated all the science academies and expressed that the teachers required a two-week training programme in the present theme. Then the workshop convener Dr. M. Sanjappa has promised that I will bring to the notice of science academies.

The programme was ended by a valedictory session with a report presentation, felicitated by Dr. K. Prasad, Department of Botany, Sri Venkateswara College, University of Delhi, New Delhi. The valedictory address was delivered by Dr. M. Sanjappa, Convener, INSA Honorary Scientist, Bangalore and the vote of thanks was delivered by Dr. K. Prasad, Assistant Professor, Department of Botany.



