



SRI VENKATESWARA COLLEGE (UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: International symposium on 'Recent Methodologies and Advances in Termite Research'			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME
28-09-2021	Department of Zoology	Zoology	Dr. Vartika Mathur Dr. Anita Verma Dr. Vagisha Rawal Dr. Aarti Seherawat
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
10:30-12:30 pm	Hybrid Mode (Online and Offline)	289	Hybrid/ Indoor
FINANCIAL SUPPORT/ASSISTANCE (if any):	Sri Venkateswara College		





BRIEF INFORMATION ABOUT THE ACTIVITY

TOPIC/SUBJECT OF THE ACTIVITY	International symposium on Recent Methodologies and Advances in Termite Research
OBJECTIVES	To share information on: Reproductive strategies of termites, Recent advancements in termitology Discussion about contributions of the speakers in the concerning field.
METHODOLOGY	Conducted in both online and offline mode with one speaker giving an online talk and the other present in person at the venue.
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	Dr. Jan Šobotník , Associate Professor, Czech University of Life Sciences, Prague Dr. David Sillam Dussès, Associate Professor, Sorbonne Paris North University, France
OUTCOMES	Students were briefed about classification and importance of termites in ecology, reproductive strategies in termites and how it enabled them to become a dominant species in the tropics, asexual queen succession, evolution of termitology, their role in maintaining soil heterogeneity and warm climate. Furthermore feeding pattern, defences, symbiosis and communication was also explained.

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/2021-22/Zoo 01	Criterion No: III & V
Departmental file no: SVC/2021-22/01	IQAC file No: SVC/2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Vartika Mathur		
Dr. Anita Verma		
Dr. Vagisha Rawal		
Dr. Aarti Seherawat		

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		

NOTICE AND LETTER



Annexure I

SRI VENKATESWARA COLLEGE
(University of Delhi)

PERMISSION FOR ORGANIZATION OF EVENTS

EVENT DETAILS

1. Name of the Department/Society /Association: Zoology
2. Name of the TIC/Convenor (if any) : Dr/Mr/Ms. VARTIKA MATHUR
3. Nature of Event : Seminar/ Conference/ Symposium
Workshop/EOP/Public or community outreach/ skill enhancement
4. Participants: Student-centric /Faculty/Both
5. Event Type : Offline/Online/Hybrid; Indoor/~~Outdoor~~
6. Society or Diamond Jubilee: Diamond Jubilee
7. Collaborating Agency /Organization: Faculty of Life Sciences, Czech University
8. Proposed Title of the Event: International Symposium on "Recent Methodologies and Advances in Termites Research"
9. Tentative List of Speakers: ① Dr. Jan Sobotnik (Czech University); ② Dr. David Sillam Dussés
10. Duration & Date: 28 September 2021 ; 10:30am - 12:30 pm
(2 hours)
11. Financial Assistance (if any): Rs 5000/-
12. Proposed Budget (with details): Rs 3000 - Food/Refreshment
Rs 2000 - ICT support

Vartika Mathur
(Dr. Vartika Mathur)
Name & Signature of TIC/Convenor

C. Anila Kalyan
Signature of Principal

Date: 15th September 2021

Date: 15th September 2021

To

The Principal
Sri Venkateswara College
Dhaura Kuan
University of Delhi
New Delhi-110021

Permitted
ul
18/9/2021

Date: 10th September 2021

Subject: Permission to use Seminar Hall for International Symposium on "Recent Methodologies and Advances in Termite Research" on 28th September, 2021 in Hybrid mode.

Respected Madam,

We are happy to inform you that Department of Zoology, SVC is organising an International Symposium on "Recent Methodologies and Advances in Termite Research" on 28th September 2021 as an event of DJY celebration. We would like to conduct the symposium in seminar hall and for the same we request you to kindly permit us to use the seminar hall from 10:00 am-01:00 pm on 28th September 2021.

Thanking You

Vartika Mathur

Dr. Vartika Mathur (Convenor)
Associate Professor
Department of Zoology
Sri Venkateswara College

PARTICIPANTS- FACULTY

International Symposium Recent Methodologists and Advances in Termite Research

Organized by Department of Zoology,

Sri Venkateswara College

FACULTY ATTENDANCE

Sr. No.	Name of the Teachers	Departments	Signature
1	Dr. Anita Verma	Zoology	<i>Anita Verma</i>
2	Dr. Vanika Mathur	Zoology	<i>Vanika</i>
3	Dr. Sadqua Shameem	Zoology	<i>Sadqua</i>
4	Dr. Asti Seheramal	Zoology	<i>Asti</i>
5	Dr. Vagisha Rawal	Zoology	<i>Vagisha</i>
6	Dr. Mansi Verma	Zoology	<i>Mansi</i>
7	Dr. Navita Nayyar	Zoology	<i>Navita</i>
8	Dr. Nawaz Alam Khan	Zoology	<i>Nawaz</i>
9	Dr. HIMANI KHURANA	ZOOLOGY	<i>Himani</i>
10	Dr. Robin Sengupta	Env. Sciences	<i>Robin</i>
11	DR RIYAZ BAKSHI	Zoology	<i>Riyaz</i>
12	Dr. Preeti Khandelwal	Zoology	<i>Preeti</i>
13	Dr. Rajendra Phusgal	Zoology	<i>Rajendra</i>
14	Dr. Amarjeet Singh	Zoology	<i>Amarjeet Singh</i>
15			
16			
17			

PARTICIPANTS- STUDENTS

International Symposium Recent Methodologists and Advances in Termite Research

Organized by Department of Zoology,

Sri Venkateswara College

STUDENTS ATTENDANCE

Sr. No.	Name of the Students	Course	Signature
1	SHALINI RAMAN	BSc (H) ZOOLOGY	<i>Shalini</i>
2	MUSKAAN SHARMA	BSc (H) ZOOLOGY	<i>Muskaan</i>
3	TANYA GOEL	BSc (H) ZOOLOGY	<i>Tanya G.</i>
4	Soniya	BSc (H) Zoology	<i>Soniya</i>
5	Suman	BSc (H.) Zoology	<i>Suman</i>
6	Palak	BSc (H.) Zoology	<i>Palak</i>
7	Devika vijay	BSc (H) Bio. Science	<i>Devika</i>
8	Cheshte Varshney	B.Sc. (H) Bio. Science	<i>Cheshte</i>
9	Draxi Bansal	BSc (H) Bio science	<i>Draxi</i>
10	Shubhangi Bhatt	BSc (H) Bio Science	<i>Shub</i>
11	Atharv Kapoor	BSc (H) Bio Sciences	<i>Atharv</i>
12	Anantpreet Kans Sood	BSc. (H) Bio Sciences	<i>Anantpreet</i>
13	Ambika Singh	BSc (H) Bio Sciences	<i>Ambika</i>
14	Kamaljit	Travice @ API Lab	<i>Kamaljit</i>
15	Sonali Kumari	B.Sc. (H) Bio Sciences	<i>Sonali</i>
16	Jaanvi	B.Sc. (H) Bio Sciences	<i>Jaanvi</i>
17	Neha Guliyra	B.Sc (H) Biological Science	<i>Neha Guliyra</i>

18	Ayushi Sharma	B.Sc.(H) Biological Sciences	Ayushi
19	Sanidhya Jagdish	B.Sc.(H) Biological Sciences	Sanidhya
20	Panidhi Kotnala	B.Sc.(H). Biological Sciences	Panidhi
21	Abhirami Sunil	Bsc (H). Biological Science	Abhirami
22	Senali Panjan	BSC (H). Biological Science	Senali
23	Ritu Kshatriya	MSc Environmental Science	Ritu
24	ABHISHEK KUMAR	Lab Assistant	Abhishek
25	ARUN KUMAR	Field Assistant	Arun Kumar
26	Himanshu Thakur	Dept. of Entomology CSKHPKV Palampur (HPS)	Himanshu
27	Mukesh	B.Sc. zoology honours	Mukesh
28	Gauna Sharma	Ph.D. ^{student} API Lab	Gauna
29	Surbhi Agarwal	Ph.D. student API Lab	Surbhi
30	Kanishka Sharma	Biological Sciences sem II	Kanishka
31.	Saloni Verma	B. Sc. Zoology (sem II)	Saloni

ONLINE PARTICIPANTS

S.NO	NAME	EMAIL
1	VivekMahla	vivekmahla123@gmail.com
2	Deepanshu	
3	ManikaKanswal	manika.kanswal@gmail.com
4	Deepanshu Pandey	deepanshu90155@gmail.com
5	Aparna	aparnasingh26122003@gmail.com
6	Muskaan	muskaan0227@gmail.com
7	Shruti Bansal	ndbl.narnaul@gmail.com
8	Kunal Rao	raokunal54@gmail.com
9	Anamika Vyas	vyasanamika82@gmail.com
10	Namita	namitanayyar@svc.ac.in
11	HimaniKhurana	himani.khurana1@gmail.com
12	Dr ManjuBhaskar	drmanjubhaskar19@gmail.com
13	Paritosh Sharma	paritoshsharma98@gmail.com
14	Srianshu Kumar Panda	srianshupanda2002@gmail.com
15	Dr Om Prakash	oprakash@svc.ac.in
16	Santana Saikia	santanasaikia7@gmail.com
17	SaketPratibha	saketpratibha78@gmail.com
18	Jessica Kannanthanam	jessica027@gmail.com
19	Dr SadiquaShameem	sadiqua.shameem@gmail.com
20	Abhishek Tanwar	abhishektanwar1407@gmail.com
21	Divanshu	divanshusawaria338@gmail.com
22	Aditi Nandal	aditinandal2020@gmail.com
23	Dr Robin Suyesh	robins@svc.ac.in
24	MnasiVerma	mansiverma@gmail.com
25	Madhuri Singh	madhuringh1998Oct@gmail.com
26	Himani Singh	singhhimani1805@gmail.com
27	Tom Tytgat	tomtytgat@yahoo.com
28	Vijay Pal	vijayetawah99@gmail.com
29	Hiya Koul	hiyakoul0901@gmail.com
30	Anjali Soni	anjalisoni19177@gmail.com
31	Prabhjot Kaur	prabhjotvirk448@gmail.com
32	Gyanendra	gyanendragaurav19@gmail.com
33	Aayushi Sharma	aayushisharma1373@gmail.com
34	LoveenaKoli	loveenakoli@gmail.com
35	Vaibhav Sharma	vaibhavsharm@iisc.ac.in
36	RitikaSemwal	ritikasemwal13@gmail.com
37	Komal Prasad	komalp2953@gmail.com
38	Palak Dharma	palakdharma14@gmail.com

39	NirmeghBasu	nirmeghbasu@gmail.com
40	JeevanshSawhney	jeevaneshbly@gmail.com
41	Dr P Jyaraj	jayaraj@svc.ac.in
42	Amartya Dutta	amartyadutta707@gmail.com
43	ParwezAlam	mdparwez7992@gmail.com
44	KanakKhatana	kanakashi.99@gmail.com
45	Ajaib Singh	ajaibmolbio@gmail.com
46	Utpal	utpalmandal2002@gmail.com
47	JayantiChillar	abcjayanti@gmail.com
48	KavitaMathur	kavitamathur909@gmail.com
49	Bhavish Saini	bhavishsaini3757@gmail.com
50	Kajal	coolkajal63@gmail.com
51	Madhumanti Das	madhumantidas391@gmail.com
52	Bibham Tiwari	tiwaribibham@gmail.com
53	Vaishnavi	anvsrivaishnavij27@gmail.com
54	MobashsherahFirdaus	mobashsherahfirdaus9876@gmail.com
55	Tushar Pandey	tusharpandey6500@gmail.com
56	Kuldeep	chaudharydeep01234@gmail.com
57	Manas Dhal	manaskdhal@gmail.com
58	Divya	connect.divya97@gmail.com
59	Dhruv Sharma	dsdhruvsharma12@gmail.com
60	Kiran Kushwah	kiran.ambah933@gmail.com
61	Shubham Gupta	shubhamgupta57382@gmail.com
62	Amarjeet	amarjeet@svc.ac.in
63	DakshDharmshaktu	dharmshaktudaksh10@gmail.com
64	Madhav Gupta	guptamadhav681@gmail.com
65	MinalAnand	minalanand001@gmail.com
66	ApekshaSinghal	singhalapeksha3@gmail.com
67	DivyaDeswal	divya.deswal2002@gmail.com
68	MallikarjunShakarad	mallik@zoology.du.ac.in
69	Anantpreet Kaur	anantpreet5063@gmail.com
70	Akshita	akshita28102005@gmail.com
71	Satish Ganta	satishganta2001@gmail.com
72	Kartika	karnika2201@gmail.com
73	GitanjaliSaxena	gitanjali.saxena2812@gmail.com
74	SumanKholiya	sumankholiya666@gmail.com
75	Akshanshik	akshanshik2002@gmail.com
76	Sakshi Yadav	sakshikaririya591@gmail.com
77	Himanshu	hemang.potlia@gmail.com
78	VeenaKumari	veenakumari9968@gmail.com
79	AnanditaBuragohain	anagohain30@gmail.com
80	ChandniMysa	chandnimysa70@gmail.com
81	Utkarsh	u247g365@gmail.com
82	Saloni Verma	0916saloniverma@gmail.com

83	Prem Pandey	pandeyprem0two@gmail.com
84	Preeti	katariapreeti58@gmail.com
85	MahimaRathee	mahirathee37@gmail.com
86	Rima Kumari	rimakumari55202@gmail.com
87	SunilaKhurana	sunilakhurana57@gmail.com
88	Aniket Bhatt	bhattachaniket8@gmail.com
89	Dr RichaMisra	richamisra@svc.ac.in
90	AmanSonkar	amankumarsonkar143@gmail.com
91	Mansi Goyal	goyalmansi1975@gmail.com
92	Shyonika	chatterjeeshyonika16@gmail.com
93	ChahatKalra	chahatkalra197@gmail.com
94	Aradhana Pal	palaradhana11@gmail.com
95	Nandini Kumar	nandinilko26@gmail.com
96	Anuvrinda Sharma	anuvrindasharma23@gmail.com
97	Dr Nawaz Alam Khan	nawazalamkhan@svc.ac.in
98	Preetha Chatterjee	chatterjeepreetha21@gmail.com
99	Preetika Sinha	preetikasinha@gmail.com
100	Bharti	bharti1672003@gmail.com
101	Jyoti Yadav	jyotiyadav4807@gmail.com
102	dakshayanisinha	sinhadakshayani@gmail.com
103	Rishabh	rishabhbaisoya271999@gmail.com
104	Ujala Singh	singhujala175@gmail.com
105	VijayLèñiñ	Vijaybioinfo10@gmail.com
106	Naazneen	naazneen25.in@gmail.com
107	Dr Abhishek Chandra	ac@svc.ac.in
108	Shalini	shanurm2002@gmail.com
109	Dr PreetiKhandelwal	vibrantpk@yahoo.com
110	Ekta	ektasingh4640@gmail.com
111	HiralRawal	hiralrawal0101@gmail.com
112	VarnikaRajain	vr.ribu9@gmail.com
113	Nishita Singh	nishitasingh2001@gmail.com
114	AartiSeherawat	aartiseherawat@gmail.com
115	RiyazBakshi	dr.rab_mamc@yahoo.com
116	Purvi Ahuja	purviahuja5@gmail.com
117	RounakJaiswal	irounakjaiswal@gmail.com
118	Gaurav	rocksgaurav987@gmail.com
119	Dhritismita Pathak	minipathak784@gmail.com
120	Nishant	myselfnishant10@gmail.com
121	Dr Tarun Kumar Vats	trnvts@gmail.com
122	Gaurav Dutta	gaurav2dutta@gmail.com
123	SapnaTanwar	tanwars18sep1987@gmail.com
124	Prishita Sharma	prishitasharma9@gmail.com
125	Ojit Singh	ojitsingh@ramjas.du.ac.in
126	Chinmay Sharma	chinmay.sharma0201@gmail.com

127	Prince	prinjaat1001@gmail.com
128	AnushkaPuri	anushkapuri980@gmail.com
129	ChahatDhawan	chahat11dhawan@gmail.com
130	Ranjaneer Aron	ranjaneer.aron28@gmail.com
131	JyotiJaiswal	vyotijaiswal2027@gmail.com
132	Puja Singh	pgokhale@svc.ac.in
133	Angel Chawla	angelchawla025@gmail.com
134	AshnaAggarwall	ashnaaggarwal1809@gmail.com
135	TanuKushwah	tanukushwah1234@gmail.com
136	Manisha Singh	manishasingh7234@gmail.com
137	Amardeep Kumar	kumaramardeep798@gmail.com
138	Prabeer Sinha	pksinha_15@yahoo.com
139	Somya Sharma	somyasharma7274@gmail.com
140	Mohammad Zaid Khan	mzaidkhan1110@gmail.com
141	Keshav Kumar	keshavkumary127@gmail.com
142	Simran Sharma	simransharmapet@gmail.com
143	Manasvi Rai	manasvirai123f@gmail.com
144	VanshikaVishnoi	vanshikavishnoi@gmail.com
145	Kushal	kushalprengol@gmail.com
146	KhushiChugh	khushichugh1709@gmail.com
147	PriteshMavani	priteshr.mavani@gmail.com
148	S. Chitra	kuttylions2020@gmail.com
149	Preeti Yadav	yadavpreeti2702@gmail.com
150	Sagar	sagarsvc74@gmail.com
151	Harsh	harsh.jdm@gmail.com
152	AnshitaVij	anshitavij2002@gmail.com
153	Rakhi	rakhijangra2002@gmail.com
154	Dr R K Negi	negigurukul@gmail.com
155	Dr VarshaGoel	vgoel@maitreyi.du.ac.in
156	AkshanshiGulani	akshanshi.gulani@gmail.com
157	Rohan Raj	rohanrajssm8409@gmail.com
158	Dr VagishaRawal	rvagisha@gmail.com
159	Anand Singh Rathore	anandrathoreindia@gmail.com
160	Aliza	sikanderkhan12.sk@gmail.com
161	Divneet Shah	divneetkaurshah@gmail.com
162	Vanya Jayaraj	vanyajayaraj@gmail.com



Department of Zoology
Sri Venkateswara College, University of Delhi



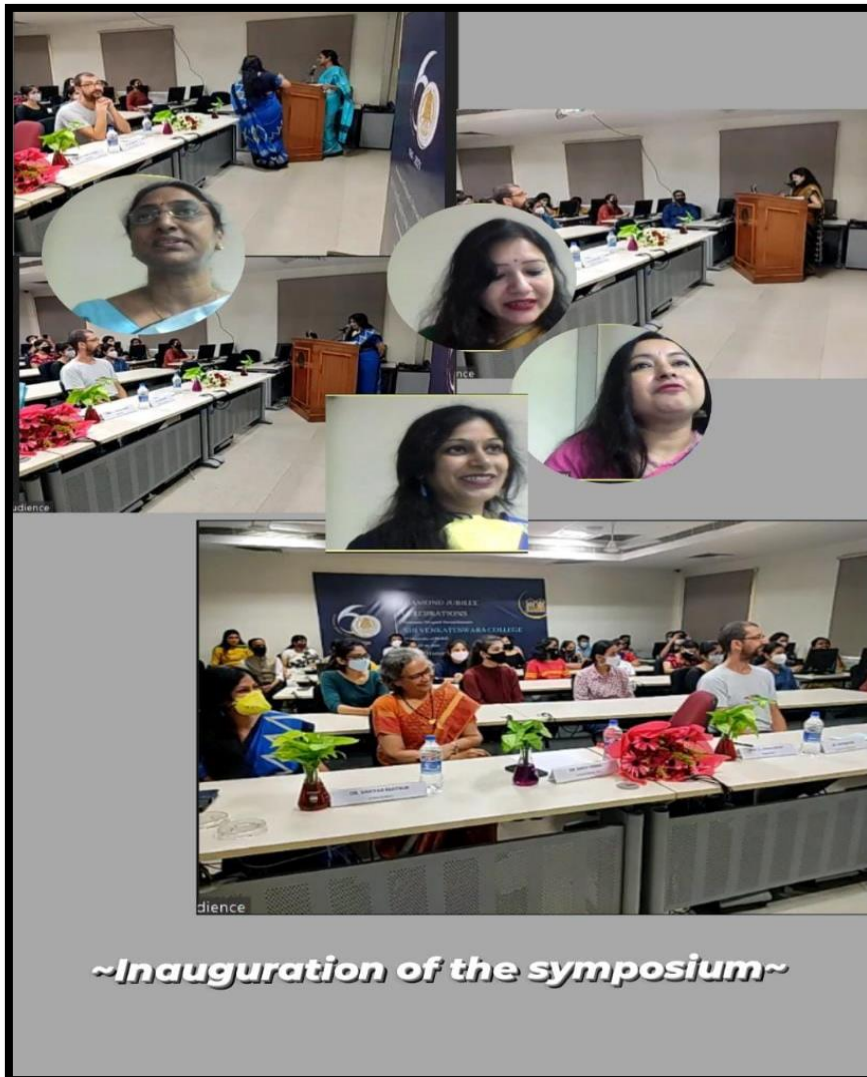
International Symposium
on
'Recent Methodologies and Advances in Termite Research'
28th September, 2021

PROGRAMME SCHEDULE

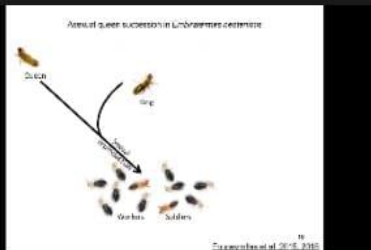
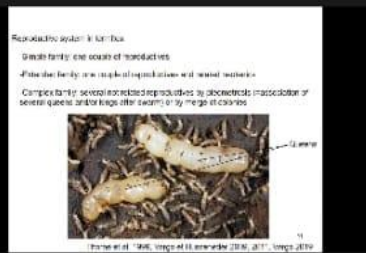
Time	Event
10:30 am	Beginning of the event with Lamp Lighting
10:40 am	Welcome Address by Prof. C. Sheela Reddy, Principal, SVC
10:45 am	Introduction about the symposium By: Dr. Vartika Mathur (Convener) Associate Professor, Sri Venkateswara College, University of Delhi
10:50 am	Introduction of Honorary Speaker: Dr. David Sillam-Dussès
10:55 am (15+10)	Online Talk on "Sophisticated reproductive strategies enabling termites to be among the dominant insects in the tropics" Dr. David Sillam-Dussès Associate Professor, University of Sorbonne Paris North, France
11:20 am	Introduction of Honorary Speaker: Dr. Jan Šobotník
11:25 am (50+10)	Offline Talk on "Recent advances in Termitology: My contribution to the termite Science" by Dr. Jan Šobotník Associate Professor Czech University of Life Sciences, Prague

12:25 pm	Honoring the Guest Speaker
12:30 pm	Concluding Remarks By: Dr. Anita Verma (Convener) Associate Professor, Sri Venkateswara College, University of Delhi

PICTURES



Online talk by Dr. David Silliam Dusses



Offline talk by Dr. Jan Sobotnik

The collage features several key elements:

- Top Left:** A wide-angle photograph of a lecture hall with an audience seated at long tables, facing a stage where a speaker is presenting.
- Top Right:** A video call window showing Dr. Jan Sobotnik, a man with glasses and a beard, wearing a white t-shirt.
- Middle Left:** A slide titled "Communication" with the text "Release of chemical pheromones" and "Food following pheromone trails, antennae contact, etc." It includes a photograph of a termite and a soldier.
- Middle Right:** A smaller version of the lecture hall photo and a video call window of Dr. Sobotnik.
- Bottom Left:** A slide titled "Thorne et al. 2003: Evolution eusociality termites and the soldier caste" and "Maekawa et al. 2012: Soldier formation as parental manipulation". Below this is a detailed abstract titled "Evolution of eusociality and the soldier caste in termites: Influence of intraspecific competition and accelerated inheritance" by Robert A. Thorne, Tamas Szilady, and Robert A. Huxley. The abstract discusses the evolution of eusociality and soldier caste formation in termites, mentioning intraspecific competition and accelerated inheritance. It includes a small diagram of a termite colony and a photograph of a termite soldier.
- Bottom Right:** A video call window of Dr. Sobotnik and a close-up photograph of several termites on a light-colored surface.

~ glimpse of the day~



ZOOM MEETING LINK

<https://us04web.zoom.us/j/78245379738?pwd=dWtPdW5QV2x3S3BIMIRhR2IxUXBRQT09>

YOUTUBE VIDEO LINKS FOR THE TALK

<https://youtu.be/Bt6-bC9HcXo>

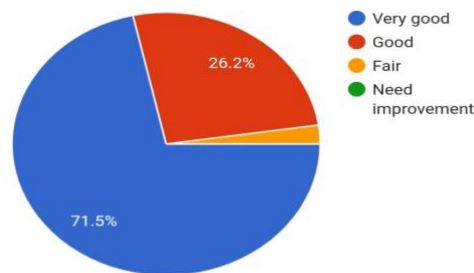
https://youtu.be/zb_hyoR1LZg

FEEDBACK ANALYSIS

The participants in the International Symposium on “Recent Methodologies and Advances in Termite Research” rated the overall experience with the symposium as very good. They were particularly impressed by the speakers and the insightful information gained through their sessions/talks. The hybrid mode of the symposium was the most important element where live participants could interact directly with the speaker as well as attend the seminar from the comfort of their home. Participants in their feedback also mentioned that they would like to attend such informative and interesting sessions in the future too. The feedback analysis also revealed that sessions should be of short duration involving many more speakers so as to engage a wider audience.

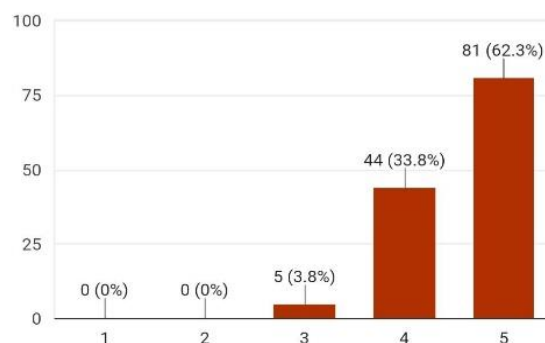
Please rate your level of satisfaction with the quality of sessions

130 responses



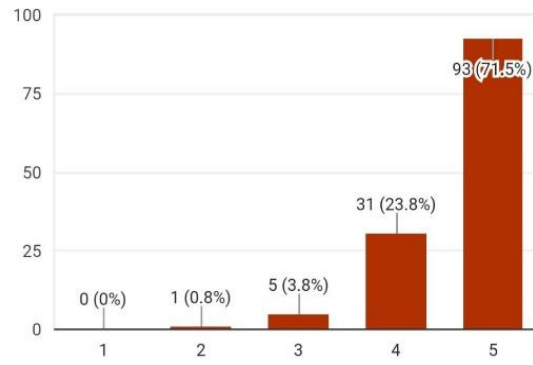
On a scale of 1 to 5, how would you rate the information gained through the symposium?

130 responses



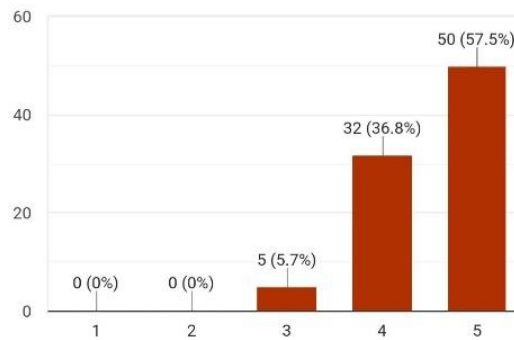
How was your experience with the symposium?

130 responses



On a scale of 1 to 5, how would you rate the hybrid mode of the symposium?

87 responses

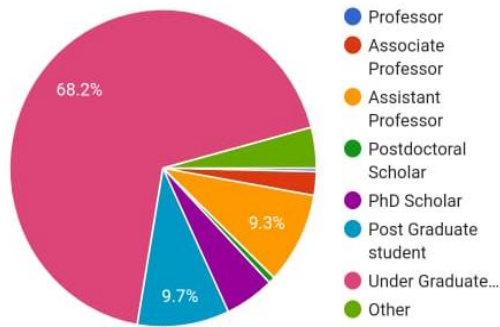


REGISTRATION

Total Registration- 289

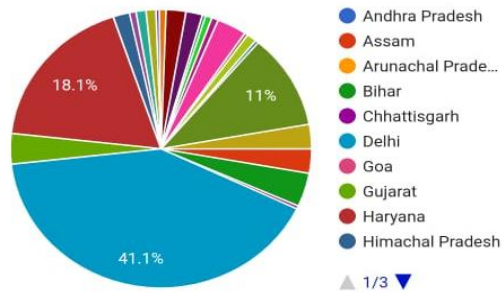
Profession

289 responses



If Indian, mention state

282 responses



POSTER

1961 - 2021
Trikala Trikalpa Dotsarhasan
Sri Venkateswara College
(University of Delhi)

Commemorating 60 years of
Sri Venkateswara College
Diamond Jubilee Year
Department of Zoology
organizes

UNIVERSITY OF DELHI
विद्यया ऽ मृतमश्नुते



International Symposium



Czech University of Life Sciences Prague
Faculty of Tropical
AgriSciences

on

Recent Methodologies and Advances in Termite Research

Under the lab agreement between Sri Venkateswara College
& Faculty of Life Sciences, Czech University



Dr. Jan Šobotník

Associate Professor
Czech University of Life Sciences, Prague

**"Recent advances in Termitology:
My contribution to the termite science"**
(Offline –talk)



Dr. David Sillam Dussès

Associate Professor
Sorbonne Paris North University, France

**"Sophisticated reproductive strategies
enabling termites to be among the
dominant insects in the tropics"**
(Online-talk)

PATRON

Prof. C. Sheela Reddy
(Principal)

CONVENERS

- Dr. Vartika Mathur
- Dr. Anita Verma

CO - CONVENERS

- Dr. Vagisha Rawal
- Dr. Aarti Seherawat

Scan\ Tap to Register



+91-9990647363, +91-9582189113



termitology2021@gmail.com

28th September, 2021

10:30am-12.30pm in HYBRID MODE

- ✦ Free Registration
- ✦ E-Certificates for all participants

SAMPLE CERTIFICATE

Sri Venkateswara College
University of Delhi

**International Symposium on
Recent Methodologies and Advances in Termite Research
Certificate of Participation**

This is to certify that Mr./Ms./Dr.
of has participated in the
International Symposium on “Recent Methodologies and Advances in Termite
Research” organized by Department of Zoology on September 28th, 2021.



Prof. C Sheela Reddy
Principal



Dr. Anita Verma
Convener



Dr. Vartika Mathur
Convener



Dr. Vagisha Rawal
Co-Convener



Dr. Aarti Seherawat
Co-Convener

EVENT REPORT

Event- International Symposium on “Recent Methodologies and Advances in Termite Research”

Date- 28th September 2021

Timings- 10:30 am - 12:30 pm

Mode- Hybrid (Both online and offline)

Venue- Sri Venkateswara College, University of Delhi

Objective-The main objective of this symposium is to keep ourselves abreast with the latest research on Termite phylogeny, their reproductive strategies that make them one of the most successful organisms on the earth, their influence on ecosystem as well as their social and ecological interactions.

The Zoology Department of Sri Venkateswara College, University of Delhi in collaboration with Faculty of Life Sciences, Czech University organized a Symposium on “**Recent Methodologies and Advances in Termite Research**”. The event took place on 28 September, 2021 and was the first hybrid mode event in our college where people attended it both offline and online. Dr. Jan Šobotník, Associate Professor at University of Life Sciences, Prague was present at the venue and attended the symposium in person while Dr. David Sillam Dussès, Associate Professor at Sorbonne, Paris North University, France joined from Paris in online mode.

Dr. David Sillam Dussès’s talk focused on reproductive strategies employed by termites and how it enabled them to become a dominant species in the tropics. The talk began with basic introduction to termites and the predators that feed on them. The audience was then briefed about Asexual Queen Succession which is responsible for fast growing colonies in termites. He explained the distribution of labor and hierarchy in Emirates neotenic i.e. king and queen, workers and soldiers, and female neotenic. Workers and soldiers are produced by sexual reproduction between king and queen while female neotenic are the products of parthenogenesis. The female neotenic and the king can also sexually reproduce to give workers and soldiers. The talk concluded with the role of termites in tropics and questions from both online and offline audiences.

Dr. Jan Šobotník gave the students an insight of the recent advances in terminology. He started the talk by briefing about the evolution of terminology, classification of termites and about the work distribution among them, he carried on by talking about the importance of termites for our ecology, and how they are “ecosystem engineers”. He explained how termites help in recycling the dead plant tissues aerating the soil, moving tons of material per hectare and year, creating soil heterogeneity. He talked about how important termites are to maintain a warm climate through production of carbon dioxide and methane. He further gave details about the feeding pattern, symbioses, defences and communication.

The feeding evolution in termites, how soil feeding in termites is evolving and numerous termites switch between soil and wood feeding in more advanced taxa. The defence shown by termites in numerous predators and competition, specific function of soldier caste, their chemical and behavioural adaptations.

The communication pattern in termites, which includes communication through different pheromones and their alarm communication, all these everyday details about the termites were shared beautifully in the talk, which was not only informative but also quite interesting. He also talked about symbiosis in termites and its importance. He further talked about different research done in this field and discussed some publications of various talented scientists, he then concluded the talk by sharing his own work in this field.

The talk gave the audience a basic strong knowledge about termites and Dr. Jan Šobotník showed us the biggest termites he found during his recent excursion to Himachal Pradesh. His talk also ended with a question answer session, which made the event more interactive and helped students to get more sound knowledge. It surely was an informative session which could be enjoyed both from the comfort of the home or in the live speaker-audience session. Live audiences got to experience the event after a long period of online sessions, and the hybrid mode helped others to enjoy this from their respective homes. The feedback collected was extremely positive and encouraging and everyone gained a considerable amount of knowledge.



Certificate

This is to certify that the skill-based “International symposium on Recent Methodologies and Advances in Termite Research” was successfully conducted on 28 September 2021 from 10:30am-12:30pm onwards by Department of Zoology in the Hybrid mode and its event report has been submitted to IQAC for records.

C. Sula Reddy
Principal

Principal
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan
New Delhi-110 021

Vaidika Pathak
IQAC Coordinator

IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021