

S.N.M COLLEGE MALIANKARA

(Affiliated to Mahatma Gandhi University, Kottayam)

1. Title of the program: Colloquium on climate change impacts on Ecosystems

2. Name of the Coordinator: Dr. Thushara V S

3. Organizing Department: Department of Botany

4. Date: 14th August 2023

5. Number of participants: 90

6. Venue: Seminar hall

7. Resource Persons: Dr. Semeena V Shamsudheen & Dr. Abhilash S

8. Objective of the Programme: The colloquium was conducted to create awareness among students on critical issues such as climate change through different perspectives and disciplines. Climate change education should be part of an education for sustainable development that helps people to develop the attitudes, skills and knowledge to make informed decisions for the benefit of themselves and others, now and in the future - and to act upon these decisions. Knowledge regarding climate change helps young people to understand and tackle the consequences of global warming, encourages them to change their behaviour and helps them to adapt to what is already a global emergency. The theme for colloquium on 14th August 2023 focussed on climate change impacts on ecosystems.

9. Detailed description of the event: The colloquium was organized by the Department of Botany in collaboration with Advanced Centre for Atmospheric Radar Research, Kochi on 14th August 2023 in Seminar hall at 9.30 am. The Theme selected for the colloquium was “Climate change impacts on ecosystems”. Dr. Semeena V Shamsudheen, Scientist and project leader at UK Centre for Ecology and Hydrology, Wallingford, UK and Dr. Abhilash S, Director, Advanced Centre for Atmospheric Radar Research CUSAT, Kochi were the resource persons for this colloquium. Welcome address was delivered by Dr. M G Sanilkumar. The programme was inaugurated by Dr. Jitha T H, Principal.. The event was felicitated by Smt. Binsha B, Head of Department of English. Dr. Remya Krishnan C R and Dr. Simi M S made introductory remarks on resource persons. Dr. Semeena delivered a lecture on “Enhancing ecosystem mapping through earth observations”. She explained about remote sensing, climate change models and the importance of vegetation. The second lecture

was delivered by Dr. Abhilash S, on “Uncertainty in monsoon activity linked to global warming”. He shared his knowledge on monsoon, variability in season, reason behind less rainfall in Kerala during Karkataka month (Malayalam calendar) and effect of El-nino. There were 90 participants, many from college including teachers, students.. The colloquium included paper presentations by PG and research scholars in the afternoon session. The presentation session was chaired by Dr. C N Sunil, Research Advisor, Department of Botany. There were 10 paper presentations from both Botany and Zoology departments. Best presentation award was given to Athira Muraleedharan of Department of Botany. The programme came to an end by 5.00 pm. The vote of thanks was given by Dr. Thushara V S.

10. Outcome of the event/Evaluation by Programme Coordinator: This programme was helpful to educate people and raise their awareness regarding the causes and consequences of climate change. This programme created an awareness among students about the need for caring for the environment.

11. Brochure

SNM COLLEGE MALIANKARA
RESEARCH DEPARTMENT OF BOTANY
In Collaboration with
Advanced Centre for Atmospheric Radar Research, CUSAT Kochi
Organize

Colloquium on Climate Change Impacts on Ecosystems
On 14.08.2023 at 9.30 am
Seminar Hall

PROGRAMME SCHEDULE

9.30 am : Registration
9.45 am : Inauguration : Dr. Jitha T.H. (Principal, SNM College)
: Felicitation : Smt. Nitha A.U. (NAAC Co-ordinator)
10.00 am : Invited Lecture 1
"Enhancing Ecosystem Mapping through Earth Observations"
by
Dr. SEMEENA V SHAMSUDHEEN
Land Atmosphere Scientist, UK Centre for Ecology & Hydrology Wallingford, UK.

11.15 am : Invited Lecture 2
"Uncertainty in Monsoon Activity linked to Global Warming"
by
Dr. ABHILASH S.
Director, Advanced Centre for Atmospheric Radar Research
(Associate Professor, Department of Atmospheric Sciences)
CUSAT, Kochi

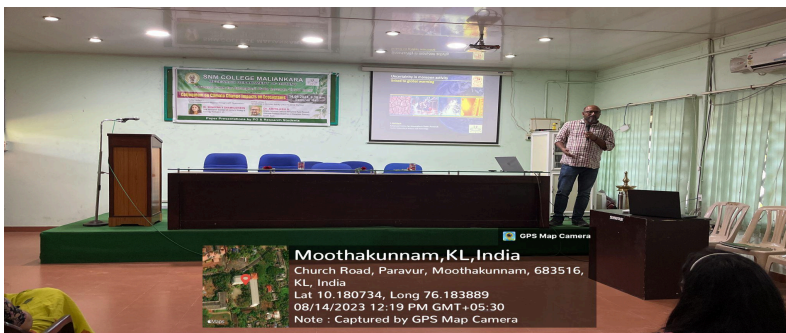
1.30 pm onwards :
Paper Presentations by PG & Research Students
Chair : **Dr. C.N. SUNIL**
(Research Advisor, Department of Botany SNM College, Maliankara)
(Best Presentation Award & Merit Certificates will be given)

Programme Committee

Dr. T.H. Jitha, Principal	Smt. Asha A.
Dr. M.G. Sanilkumar, Head, Dept. of Botany	Dr. Simi M.S
Dr. E.C. Baiju, IQAC Co-ordinator	Dr. Thushara V.S.
	Dr. Remya Krishnan C.R.

For Details Contact:
Dr. Thushara V.S. (Programme Convenor) Mob : 86060 96150

12. Photos



13. List of participants:

14/08/2023
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Colloquium on Climate Change Impacts on Ecosystems
at 9.30 a.m. - Seminar Hall.

Sl. No.	Name	Class/Dept.	Gender	Signature
1	Dr. Jitha T.H	Principal Incharge	F	
2	Semenon V Shammundhur	Scientist, ICRISAT	F	
3	SIMI M S	Botany	F	
4	Abhinav S	ACARR/CUSAT	M	
5	Birsha B.		F	
6	Sarathkumar S.	Project (GACRR)	Male	
7	Dr. Baijn E.C	Asst. Professor	Male	
8	Aiswarya A.S	Msc. Botany	Female	
9	Amrutha V.M	BSc. Botany	Female	
10	Sandya C. Jala	"	Female	
11	Maidula Manoj	"	"	
12	Sanya Fatuma	"	"	
13	Akshaya Lakshmi . KP	"	"	
14	Anona Subhash	"	"	
15	Akshaya M.A	"	"	
16	Akshaya S	"	"	
17	Abhirami V.P	"	"	
18	Adil P. Malavakkal	"	"	
19	Akhya Rajendran	"	"	
20	Divya A.M.	"	"	
21	Athulya P.S.	"	"	
22	Shafna V.M	"	"	
23	ABHINAV	"	Male	
24	Aparna Geopal	"	Female	
25	Anupama T.M	"	"	
26	Amrutha K.B	"	"	
27	A.M. Krishnasudu	"	"	
28	Abhijit H. K. In	"	Male	
29	P.P. Anugraha	"	Female	
30	Pooja M.A	"	"	
31	Adithya Shibu	BSc Botany	Female	
32	aparna K.S	BSc Botany	Female	
33	Rejisha C.R	BSc Botany	Female	
34	Arjunada Shibu	BSc Botany	Female	
35	Parvitha Babu	BSc Botany	Female	

36	Surya P.S	B.Sc. Botany	Female	Subhanya	
37	Devika C.S	B.Sc. Botany	Female	Devika	75 F
38	Salika C.R	B.Sc. Botany	female	Salika	76 F
39	Nareema Nascir	B.Sc. Botany	female	Nareema	77
40	Devika. I.M	B.Sc. Botany	Female	Devika	78
41	Subhana K.A	B.Sc. Botany	female	Subhana	79. S
42	Pavithra Pradeep	B.Sc. Botany	Female	Pavithra	80 M
43	Pruthi T.R	B.Sc. Botany	Female	Pruthi	81 A
44	Athulakrishna P.B	B.Sc. Botany	male	Athulakrishna	82
45	Amal babu	B.Sc. Botany	male	Amal babu	83
46	Madinandhan P.B	B.Sc. Botany	male	Madinandhan	84
47	Naveenreddy M	B.Sc. Botany	male	Naveenreddy	85
48	Abhiram Ajai	B.Sc. Botany	male	Abhiram	86
49	Abhikumar T.S	B.Sc. Botany	male	Abhikumar	87
50	Anvitha K.J	B.Sc. Botany	Female	Anvitha	88
51	Anagha V.D	B.Sc. Botany	Female	Anagha	89 D
52	Ramesa K.A	B.Sc. Botany	Female	Ramesa	
53	Neenu. K.M	B.Sc. Botany	Female	Neenu	
54	Veethamsithi T.H	B.Sc. Botany	Female	Veethamsithi	
55	Nandhika N.P	B.Sc. Botany	Female	Nandhika	
56	Dyula Lal. S.	B.Sc. Botany	Female	Dyula Lal	
57	Bharana. K.T	B.Sc. Botany	Female	Bharana	
58	Saniya. V.S.	B.Sc. Botany	Female	Saniya	
59	Devimol. P.S	B.Sc. Botany	Female	Devimol	
60	Anakona C.S	B.Sc. Botany	Female	Anakona	
61	Sreelakshmi R Krishna	B.Sc. Botany	Female	Sreelakshmi	
62	Nimay J	M.Sc. Zoology	Female	Nimay	
63	Ashna Rose Thomas	M.Sc. Zoology	Male	Ashna	
64	Anagha M.M.	M.Sc. Zoology	Female	Anagha	
65	Devika. K.A	"	female	Devika	
66	Aquib Kabir. K	"	Female	Aquib	
67	Megha Saji	M.Sc. Botany	Male	Megha	
68	Amrutha S.V	"	Female	Amrutha	
69	Nandana mal	"	"	Nandana	
70	Gini K.S	"	Female.	Gini	
71	Adharve	B.Sc. Botany	Female	Adharve	
72	Subin P.S	B.Sc. Botany	Male	Subin	
73	Vaishnav	"	Male	Vaishnav	
74	Siennavasudev	"	Female	Siennavasudev	

75	Divya P.V.	Research scholar	Female	
76	Sudha Srinivas	Research Scholar	Female	
77	Arsha T.J	Msc. Botany	"	
78	Shreya V.S (Faculty)	Economics Department	"	
79	SALPRA SUDARSA (Faculty)	"	"	
80	Manju N (Faculty)	Statistics Dept	"	
81	Ahnan P Mujeeb	Msc zoology	"	
82	Thuhara V.S	Botany	female	
83	Dr. Mq Samikumar	Botany	SI	
84	Ashwin Meenalatharan	Msc Botany	F	
85	Chippi C.S.	MSc Botany	Female	
86	Anjali P.S	Msc Botany	Female	
87	Nikitha N. Bhatt	" "	"	
88	Nimya Babu.	Botany	Female	
89	Dr. Remya Krishnamoorti	Botany	"	
90	Dr. C.N. Sumil	Research Advisor (PhD)	Male	