



S.N.M COLLEGE MALIANKARA
(Affiliated to Mahatma Gandhi University, Kottayam)

1. **Title of the program:** National Seminar on Kerala Flooding 2019: Why is Kerala Flooding Again?
2. **Name of the Coordinator/s :** Dr. Rekha Parthasarathy
3. **Organizing Department/Cell:** Bhoomithrasena Club
4. **Date:** 29th & 30th January 2020
5. **Number of participants:** 336
6. **Venue:** SNMCollege Seminar Hall
7. **Resource Person/s :**Dr. K.R Renjith,Dr.V,p Limnamol, Dr. Shaiju .P, Dr. K.H Amitha Bachan
8. **Objective of the `Program:** To evaluate the impacts often influenced by a combination of natural factors and human interference because it is one of the most destructive forms of natural disasters causing heavy economic losses, physical injuries and the loss of life due to drowning
9. **Detailed description of the event:**

Inaugural Session and Keynote Address

The inaugural function began in the seminar hall at 10.00 am on 29th January 2020 followed by a prayer song by Ms. Veena Saji Ist M.Sc zoology. The welcome address was delivered by Dr. Rekha Parthasarathy, Assistant Professor in Zoology and Bhoomithrasena Club coordinator and the function was presided over by the president of HMDP sabha, Moothakunnam, Shri B. Rajeev. The programme was inaugurated by Dr. Gopalakrishnan M.B Registrar, Sree Sankaracharya University of Sanskrit, Kalady. Keynote address was given by Shri. Bijil Kumar T.S, secretary HMDP Sabha, Pincipal's address was given by Dr. C.M Sreejith sir, principal of the college, felicitation were given by Shri. M.R Bose manager of the college and vote of thanks was given by Smt. Minu.M, HoD &Assistant Professor in Zoology.

The participants were scientist from CMFRI, reseachers from other institutions, students, teachers and staff members of SNM college. The total registration of the

programme was 336 for two days. The programme was a grand success and well appreciated by the participants and the interactive sessions with the speakers had ensured high level of knowledge transfer to be aware of the environment and the after effects of the future generations.

Day 1: 29th January 2020

Invited Talk 1:

In the afternoon session, Dr. V.P Limnamol, Assistant Professor, School of Ocean Science and Technology, Kerala University of Fisheries and Ocean Studies, Kochi, explained about the adaptation to Climatic Change Impacts. She explained the intricacies of climate change and its impacts on our environment, our economies and our security is the defining issue of our era. Climate change is a fact of life. We need to act urgently if we are to avoid an irreversible build up of greenhouse gases (GHGs) and global warming at a potentially huge cost to the economy and society world wide.

Invited Talk 2:

In the afternoon session, Dr. V.P Limnamol, Assistant Professor, School of Ocean Science and Technology, Kerala University of Fisheries and Ocean Studies, Kochi, explained about the adaptation to Climatic Change Impacts. She explained the intricacies of climate change and its impacts on our environment, our economies and our security is the defining issue of our era. Climate change is a fact of life. We need to act urgently if we are to avoid an irreversible build up of greenhouse gases (GHGs) and global warming at a potentially huge cost to the economy and society world wide.

Day 2: 30th January 2020

Invited Talk 3:

Dr. Shaiju .P, Assistant Professor, Centre for Science & Society, Cochin University of Science and Technology. He delivered a talk on Flood Prevention, Protection and Mitigation. He stressed upon mitigation measures, preparedness, response and relief, recovery (Reconstruction and Rehabilitation), Pre-disaster planning, created education and awareness through participatory discussions and so on.

Invited Talk 4 The speaker, Dr. K.H Amitha Bachan, Assistant Professor and Research guide, Department of Botany, MES Asmabi College Kodugallur. He focused on the topic Ecology, Climate Change and Flood in Kerala Context, he pointed out how the natural resources and the three major important Ramsar sites in Kerala and the wet lands were been degraded by

tourist and human interferences which is a major concern today. He shared few incidents from Kerala flood 2018 &19.

10. Outcome of the event/Evaluation by Program Coordinator:

The programme was intended to create awareness and knowledge to the next generation for preserving and protecting our natural resources and environment. 336 participants had registered for the two day seminar and certificates were issued for the successful completion of the programme.

11. Brochure

SNM COLLEGE, Maliankara

SNM College Maliankara symbolizes the steady advancement of an underdeveloped village with its vast population belonging to the backward class, towards social and cultural regeneration. The college is the legacy of the Vokkaligas/Thiava Marika Shriama Parvathappa Sahasra, voluntary organization formed in 1882, by the spirited youth of the backward class community in the Vokkaliga region. The College was inaugurated in 1964 by Sri. Subodhan Ayappan, an ardent disciple of Sri. Narayana Guru and also a leading youth figure championing the cause of social justice. The College is affiliated to Mahatma Gandhi University, Kottayam and is NAAC Accredited with 'B' Grade. Efforts are being made to secure more Undergraduate and Postgraduate courses and Research Centre to make the College a leading center of higher education in the state. The College is located at Mambayamparam, Thrissur district, Kerala.

The college and area by all ages were badly affected by the flood in 2018. It was in this context that the Bhoomithrasena Club of SNM College Maliankara has decided to come up with a National Seminar on KERALA FLOOD 2018: WHY IS KERALA FLOODING AGAIN?. This event is sponsored by DIRECTORATE OF ENVIRONMENT AND CLIMATE CHANGE (DOECC), Govt. of Kerala.

SEMINAR ORGANIZING COMMITTEE

Chief Patron : **SHRI.M.B. BOSE**
(Member, Bhoomithrasena Club)

Patron : **Dr. C.M.SREEJITH**
(Member, Bhoomithrasena Club)

Coordinator : **Dr. BEKHA PARTHASARATHY**
(Head of Bhoomithrasena Club)

MEMBERS

Dr. J.G. Gopinathan (Dr. C. M. Menon), Dr. A. Babu (Dr. V. M. J. M. Anand), S. J. M. (Dr. S. J. M. Anand), P. K. (Dr. P. K. Anand), M. N. (Dr. M. N. Anand), M. V. S. (Dr. M. V. S. Anand), M. S. (Dr. M. S. Anand), M. S. (Dr. M. S. Anand), M. S. (Dr. M. S. Anand)

How to apply
Students/Researchers/Teachers and other interested persons can apply for the seminar participants. Such candidates are requested to send a duly filled registration form (attached) on or before 27.01.2020.

(No Registration Fee)

CALL FOR ABSTRACTS

Theme Areas

- International initiatives to control global warming
- Climate Change-mitigation
- Effects of increased green house gases
- Causes and effects of landslides
- Deforestation a major concern today
- Impacts of environmental pollution
- Biodiversity after flood

Authors (college students/teachers, research fellows, scientists), are requested to submit the abstracts of their original research that are unpublished and which adhere to the seminar theme (topic) will be considered for publication in the seminar proceedings. Each abstract should contain a title, the author's name, affiliation and contact information. For each abstract-250-300 words and 5 keywords is necessary. The abstract has to be prepared as a word document and send through e-mail to rekha.parthasarathy@yahoo.com on or before 27th January 2020.

ADDRESS FOR COMMUNICATION
All correspondences may be addressed to:
Dr. BEKHA PARTHASARATHY
Bhoomithrasena Club Coordinator & Assistant Professor
Department of Zoology
SNM College, Maliankara
Kerala-683516
Mobile No: 9825240794
e-mail: rekha.parthasarathy@yahoo.com

DIRECTORATE OF ENVIRONMENT AND CLIMATE CHANGE (DOECC) GOVT. OF KERALA

Sponsored NATIONAL SEMINAR ON

'KERALA FLOOD 2018: WHY IS KERALA FLOODING AGAIN?'

Organized by

BHOOMITHRASENA CLUB SNM COLLEGE MALIANKARA
NAAC Accredited with 'B' Grade & Affiliated to Mahatma Gandhi University, Kottayam

29th and 30th January 2020
VENUE: SNM COLLEGE SEMINAR HALL

Website : www.snm.ac.in

ABOUT THE SEMINAR

Dear Sir/Madam,

The Bhoomithrasena Club, SNM College, Maliankara is organizing a National Seminar on KERALA FLOOD 2018: WHY IS KERALA FLOODING AGAIN? on 29th and 30th of January 2020.

To provide public awareness and education regarding flood risks, climate changes, tropical cyclones its effects and impacts and to protect and enhance the environment.

Strong winds and heavy rains have a synergistic effect. The winds can cause damage to infrastructure, the following of houses making people homeless, disruption of power supply and telecommunications, flood and can cause landslides, spread fires, heavy economic losses, food and crop loss leading to shortage of food etc. Kerala is vulnerable to different natural hazards due to its proximity to geodynamically active regions and unique climatic patterns. These factors and their combination lead to the occurrence of disasters resulting in natural hazards like flood, cyclone and soil slides. The disaster situation in the state is further compounded by increased vulnerability related to rapid growing population, unregulated urbanization, industrial location, rapid development in high risk areas, environmental degradation and climate change.

SNM College, Maliankara is located in North Parang, which was severely affected by Kerala Flood 2018 & 2019. Great efforts were put by various Govt. agencies to rehabilitate these localities and nearby areas. Seminar on 'KERALA FLOOD 2018: WHY IS KERALA FLOODING AGAIN?' is organized to help people often influenced by a combination of natural factors and human intervention. Kerala is one of the most disaster-prone states of India. Disasters causing heavy economic losses, physical injuries and loss of life due to increasing flood water contaminated with other drinking water facilities, leading many to various water-borne diseases and epidemics.

Dr. Bekha Parthasarathy (Coordinator) Dr. C.M. Sreejith (Patron)

Programme Schedule	
Days: 28.01.2020	9:30am - 10:00 am : Registration
10:00-10:30 am	Inaugural Ceremony by Dr. BEKHA PARTHASARATHY (Department of Zoology, SNM College, Maliankara)
10:30-11:00 am	Presidential Address by Shri. M.B. BOSE (Member, Bhoomithrasena Club)
11:00-11:30 am	Inauguration by Prof. Dr. GOPALAKRISHNAN B. B (Director, State Government University of Kerala, Kollam)
11:30-12:00 pm	Keynote Address by Dr. C. M. SREEJITH (Member, Bhoomithrasena Club)
12:00-12:30 pm	Principal's address by Dr. C. M. SREEJITH (Member, Bhoomithrasena Club)
12:30pm	1 Lunch Break
1:30-6:00 pm	1 Adaptation to Climate Change Impacts by Dr. V.P. LIPINAMCOL (Member, Bhoomithrasena Club)
6:00-9:00 pm	1 Paper Presentations
Day 2: 29.01.2020	9:00-9:00 am : 1 Flood Prevention, Protection and Mitigation by Dr. BEKHA P (Assistant Professor, Centre for Science & Technology, Government of Kerala)
9:30-10:00 am	1 Registration
10:00-10:30 am	1 Inaugural Ceremony by Dr. BEKHA PARTHASARATHY (Department of Zoology, SNM College, Maliankara)
10:30-11:00 am	1 Presidential Address by Shri. M.B. BOSE (Member, Bhoomithrasena Club)
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6:00-9:00 pm	1 Paper Presentations
9:00-9:00 am	1 Flood Prevention, Protection and Mitigation by Dr. BEKHA P (Assistant Professor, Centre for Science & Technology, Government of Kerala)

Valedictory Function

REGISTRATION FORM (Photocopy may be used)

NATIONAL SEMINAR ON

KERALA FLOOD 2018: WHY IS KERALA FLOODING AGAIN? at SNM COLLEGE MALIANKARA On 29th and 30th January 2020

Name: _____
 Male/ Female: _____
 Mobile No: _____
 E-mail Address: _____
 Designation: _____
 Institutional address: _____
 Subject of: _____
 Specialization: _____
 Teaching/Research Experience: _____
 Whether Abstract Submitted: _____
 Address for communication: _____

12. Photos







