

## ORGANIZING COMMITTEE

- Mr. Suresh Kumar K A - Programme Co-ordinator  
(Asst. Professor & HoD, Dept. of Botany)  
Mr. Sojan Jose  
(Asst. Professor, Dept. of Botany)  
Ms. Ambika V  
(Guest Lecturer, Dept. of Botany)  
Mr. Manikandan T  
Mr. Devadasan K  
Mr. Sayeed

For more details contact

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Venue : Seminar Hall, Govt. College Chittur

NATIONAL SEMINAR  
ON

CLIMATE CHANGE  
A MANI MADE CHALLENGE

27-29 SEPTEMBER 2014

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GOVT. COLLEGE  
CHITTUR

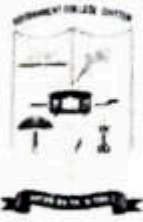


Organized by  
Department of Botany  
Govt. College Chittur  
Palakkad - 678 104



Sponsored by

Directorate of Collegiate Education  
Government of Kerala



National Seminar on  
"CLIMATE CHANGE – A MAN MADE CHANGE"

Organized by  
Department of Botany, Govt. College Chittur, Palakkad  
Sponsored by  
Directorate of Collegiate Education (DCE), Government of Kerala



**PROGRAMME SCHEDULE**

27<sup>th</sup> September 2018 (Thursday)

8.30 – 9:00 am	:	Registration
9:00 – 9:30 am	:	Inaugural session
Prayer	:	
Welcome	:	Mr. Sojan Jose
Presidential Address	:	Mr. Suresh Kumar K A
Inauguration Address	:	Prof. Anantha Viswanathan R, Principal, GCC
Keynote Address	:	Mr. Musthafa B, IRTC, Mundur, Palakkad
Felicitation	:	Mr. Jaganathan C, Secretary – PTA
	:	Mr. Shijil V, Chairman, College Union
Vote of Thanks	:	Ms. Ambika V
<u>Academic Session I</u>	:	9.30 – 11:00 am
Topic	:	<i>Ecosystem Changes in Water Bodies due to Microplastics</i>
	:	Mr. Musthafa B, Research Co-ordinator IRTC, Mundur, Palakkad
11:00 – 11:15 am	:	Tea Break
<u>Academic Session II</u>	:	11:15 – 12:45 pm
Topic	:	<i>Impact of Climate Change on Microbial Diversity</i>
	:	Dr. Damodaran P N, Former Professor Department of Biological Sciences, College of Natural Sciences, Keimyung University Daegu, South Korea
12:45 – 1.15 pm	:	Lunch Break
<u>Academic Session III</u>	:	1.15 – 2.45 pm
Topic	:	<i>Impact of Air Quality and Climate Change on Lichen Diversity and Distribution</i>
	:	Dr. Stephan Sequiera, Asst. Professor Department of Botany, Maharajas College Ernakulam



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2.45 – 3:00 pm	:	Tea Break
3.00 – 3.30 pm	:	Paper presentations
<u>Academic Session IV</u>	:	3.30 – 5.00 pm
Topic	:	<b>Impact of Climate Change on Wetland Plant Diversity</b> <b>Mr. Sojan Jose</b> , Asst. Professor Department of Botany, Govt. College Chittur

**28<sup>th</sup> September 2018 (Friday)**

9.00 – 10.00 am	:	Paper presentations
<u>Academic Session V</u>	:	10.00 – 11:30 am
Topic	:	<b>Impact of Global Climate Change on Landslides with Special reference to Kerala</b> <b>Dr. Sreejith K A</b> , Scientist KFRI, Peechi, Thrissur

11:30 – 11:45 am	:	Tea Break
<u>Academic Session VI</u>	:	11:45 – 1.15 pm
Topic	:	<b>Forests of Kerala in Changing Climate</b> <b>Dr. Sreejith K A</b> , Scientist KFRI, Peechi, Thrissur

1.15 – 1:45 pm	:	Lunch Break
<u>Academic Session VII</u>	:	1:45 – 3:15 pm

Topic	:	<b>Microclimate of plants</b> <b>Dr. Prajith T M</b> , Director MANNU, Kerala
<u>Academic Session VIII</u>	:	3:15 – 4:45 pm
Topic	:	<b>Impact of Climate Change in Indian Agriculture</b> <b>Mr. Suresh Kumar K A</b> Assistant Professor & HoD Department of Botany Govt. College Chittur

**29<sup>th</sup> September 2018 (Saturday)**

9:30 – 12.30 pm	:	Hands on training on paper bag making and preparation of vermicompost (Dr. Prajith T M, Director, MANNU, Kerala)
2.00 – 3.30 pm	:	Demonstration of mushroom cultivation (Dr. Stephan Sequeira, Asst. Professor, Dept. of Botany, Maharaja's College, Ernakulam)
3:30 – 4:30 pm	:	Valedictory Session



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Venue: Seminar Hall, Govt. College Chittur

Report on National seminar  
"Climate Change - A Man Made Change"

Organized by  
Department of Botany  
Government College Chittur  
27<sup>th</sup> - 29<sup>th</sup> September 2018

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### Inauguration

The Seminar started with registration of delegates at 8.30 am on 27<sup>th</sup> September 2018. It was followed by an inaugural session which started with a prayer by students. Mr. Sojan Jose welcomed the audience and Mr. Suresh Kumar K A presided over the function. Shri. Anantha Viswanathan R , Principal, govt. College Chittur inaugurated the seminar by watering a plant using traditional vessel "Kindi" which helps to use water judiciously. Prof. B Musthafa, Research Coordinator IRTC Mundur delivered the key note address. Mr. Jagannathan C, Secretary to the PTA of college and Mr. Shijil V , chairman of the college union felicitated the programme. Miss, Ambika V, Guest lecture, Department of Botany, thanked all who were present for the inaugural session

### Academic session I

The session started at 9.30 am and was handled by Mr. Musthafa B, Research coordinator, IRTC, Mundur. He spoke on the topic "ecosystem changes in water bodies due to microplastics". He focused on the importance of reusing, recycling and reducing the plastic. He also pointed on the adverse effects of the mismanagement of plastic wastes on various ecosystems. The session came to an end at 10.55 am. Then the audience was encouraged to clear their doubts.



  
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Mr. Musthafa clarified all the doubts raised by the participants. The session was followed by a small break during which tea and snacks were supplied to the candidate

### **Academic session II**

The second session of the day as started at 11.15 am and was lead by Dr P N Damodaran, Former professor, Department of Biological Sciences, keimyung university, South Korea. He delivered a tak on "Impact of climate change on microbial diversity. He discussed various aspects of soil microbes and their response to climate change. The audience was encouraged to ask questions in between the session. The session was followed by lunch

### **Academic session III**

The third session of the day was handled by Dr. Stephan Sequiera, Assistant Professor, Department of Botany, Maharajas College, Ernakulam. He spoke on the topic "Impact of Air Quality and Climate Change on Lichen Diversity and Distribution. He discussed on various actors that influences lichen distribution and its changes over the western ghats. The participants raised many questions during the session and Dr. Stephan answered them satisfactorily. The session came to an end by 2.45 pm. Tea and snacks were given to all participants after the session.

### **Academic session IV**



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The last session of the day was handled by Mr. Sojan Jose, Assistant professor, Govt. College, Chittur. He delivered a talk on the "impact of climate change on wetland plant diversity". The session covered the changes happened in plant distribution in wetlands due to climate change. He emphasized on the invasive plants and their behavior during climate change.

## **Day II**

### **Paper Presentation**

The programmes of the second day started at 9.00 am. The session was meant for paper presentation by delegates. 5 delegates presented their paper during the session

### **Academic session V**

The session was handled by Dr. Sreejith K A , Scientist, KFRI, Peechi, Thrissur. He spoke on the topic "Impact of global climate change on landslides with special reference to Kerala". He emphasized on various aspects of climate change and how it contributes to landslides. He encouraged the participants to raise questions if any during the session. The session came to an end at 11.30 am. Tea and snacks were provided to the participants after the session

### **Academic session VI**

The second session of the day was handled by Dr. Sreejith K A , Scientist, KFRI, Peechi, Thrissur. He delivered a talk on the topic "Forests of Kerala in Changing Climate". He pointed out the possible changes to the forest types and its



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elements due to the climate change. He clarified the doubts of the participants during the session itself. The session was followed by lunch break.

### **Academic session VII**

The third session of the day was handled by Dr. T M Prajith, Director, Mannu Kerala – a leading NGO. He spoke on " microclimate of plants". He focused on the importance of microclimate for the proper growth and development of plants with special reference to the impact of climate change on them. The last few minutes of the session was kept for clarification on the questions raised by the delegates. The session came to an end at 3.15 pm. Tea and snacks were served to the participants after the session

### **Academic session VIII**

The last session of the day was lead by Mr. Suresh Kumar K A, Head, Department of Botany, Government College, Chittur. He delivered a talk on "Impact of Climate change in Indian Agriculture". He emphasized on various aspects of climate change and its role in controlling the productivity of crops. He also focused on its role in Indian Economy. He allowed the participants to raise questions in between the session and answered all their questions.

## **DAY III**

### **Training Session I**

The first session was handled by Dr. TM prajith, Director, Mannu Kerala. He delivered a talk on paper Bag making and Vermicomposting. After the talk, He



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demonstrated Paper Bag making using various types of Papers. The delegates enjoyed the session and all the participants were given chances to make paper bags. The session was of three hours starting from 9.30 am to 12.30 pm. Lunch was served after the session

### **Training Session II**

The second session was handled by Dr. Stephan Sequiera, Assistant Professor, Department of Botany, Maharajas College, Ernakulam. He spoke on Mushroom cultivation for nearly forty five minutes and demonstrated the process of Mushroom cultivation. He handled the session so effectively that all the participants got impressed. The session came to an end at 3.30 pm.

It was followed by valedictory session. A few delegates gave their feed back on the session. Certificates were handed over to all the delegates by Dr. Stephan Sequiera.



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Prayer



Inaugural address by Principal, Govt. College Chittur

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Inauguration



Vote of Thanks



*RPJ*  
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Interaction Session



Academic Session led by Mr. Musthafa B, Research Co-ordinator, IRTC, Mundur, Palakkad



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Academic session led by Dr. Stephan Sequeira, Asst. Professor, Dept. of Botany, Maharajas college, Ernakulam



Audience



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Academic Sessions



Mr. Sojan Jose, Asst. Professor



Dr. Prajith T M, DIRECTOR, MANNU (NGO)



Mr. Sureshkumar K A, Asst. Professor



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Academic Sessions



Dr. Damodaran P N



Dr. Sreejith K A, Scientist, KFRI, Trichur



Interaction Session with students



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