



BIODIVERSITY CLUB REPORT 2018-2019

**CHRIST COLLEGE
(Autonomous),
IRINJALAKUDA**

WORLD ENVIRONMENT DAY 2018 - REPORT



CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Sponsored by: *Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram*



Organized by: **Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany**

In association with: **Dept. of Zoology and Dept. of Geology & Environmental Science**

Christ College (Autonomous), Irinjalakuda conducted the following programmes on June 5th and 6th in connection with the World Environment Day 2018 (Copy of brochure attached as enclosure).

1. Invited Lecture on "*From plastic religion to solid science: Logical fallacies & other stories*" By. Dr. T. V. SAJEEV, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur (Pages 2 -6)
2. Documentary Film '*An inconvenient Truth*' (Page 7)
3. Intercollegiate quiz competition on "*Environment*" (Pages 8-13)
4. Planted saplings in the campus and nearby areas (Page -14).



ORGANIZING COMMITTEE

Principal

Dr. Mathew Paul Ukken

Coordinator

Dr. Tessa Paul P. (HOD, Dept. of Botany & *Coordinator, Biodiversity Club, Christ College*)

Mobile: 7558898955; E-mail: tessyjohnt@gmail.com)

Organising Secretaries

Dr. Manju N.J.

(Assistant Professor, Dept. of Geology & Environmental Science & *Coordinator, Bhoomithrasena & Enviro Club, Christ College*)

Mobile: 9847939111;

E-mail: manjunj78@gmail.com)

Dr. Bijoy C.

(Assistant Professor, Dept. of Zoology, & *Joint Coordinator*

Enviro Club

Christ College

Mobile: 9895551003;

E-mail: bejoyaaryan@gmail.com)



Programme I

Invited Lecture on “*From plastic religion to solid science:*

***Logical fallacies & other stories”* By. Dr. T. V. Sajeev**

Date of programme: 5th June 2018

Time: 9.30 a.m. to 11.30 a.m.

Venue: Seminar Hall, Christ College (Autonomous), Irinjalakuda

Organized by: **Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany**

In association with: **Dept. of Zoology and Dept. of Geology & Environmental Science**

Sponsors of Programme: Kerala State Council for Science, Technology and Environment (KSCSTE),
Thiruvananthapuram

INAUGURAL SESSION:

Dr. T. V. Sajeev, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur, inaugurated the programmes of World Environment Day on 5th June 2018. Dr. Manju N.J, Assistant Professor, Department of Geology and Environmental Science, welcomed the gathering. The function was presided over by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. Rev. Fr. Joy P.T. CMI, Vice Principal and Assistant Professor, Department of Physical Education, felicitated on the occasion.

Dr. Tessy Paul P., HOD and Associate Professor, Department of Botany, Co-ordinator Biodiversity Club and the Co-ordinator of the programme gave vote of thanks. The students and teachers of the Christ College (Autonomous), Irinjalakuda attended the programme (Paper reports on pages 5 - 6 and Figs. – 1 to 7).

INVITED TALK:

In connection with the " World Environment Day Celebrations, 2018" Christ College (Autonomous), Irinjalakuda, organized an **Invited Lecture on "From plastic religion to solid science: Logical fallacies & other stories"** By. **Dr. T. V. Sajeev**, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur (Fig. – 1& 3).

He stressed the role of individuals in beating plastic pollution. Throughout the session he highlighted the necessity for reducing the carbon footprint of every individual to combat global climate change.

World Environment Day Celebrations 2018

Inauguration of the programme



Fig. 1 – Inaugural address and message by Dr. T. V. SAJEEV, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur



Fig. 2 – Presidential address by Dr. Mathew Paul Ukken the Principal, Christ College (Autonomous), Irinjalakuda

World Environment Day Celebrations 2018

Lecture on *“From plastic religion to solid science: Logical fallacies & other stories”*



Fig. 3 – Invited Lecture by. Dr. T. V. SAJEEV, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur



Fig. 4 – View of Audience



Fig. 5 – Memento to Dr. T.V. Sajeev



Fig. 6 – Welcome speech by Dr. Manju N.J, Co-ordinator, Bhoomitrasena & Enviro Club & Assistant Professor, Dept. of Geology & Environmental Science



Fig. 7 – Vote of thanks by Dr. Tessy Paul P., Co-ordinator, Biodiversity Club, HOD & Associate Professor, Dept. of Botany

Paper Reports

MALAYALA MANORAMA, JUNE 6, 2018, PAGE 21



MALAYALA MANORAMA, JUNE 6, 2018, PAGE 21



Report in the Irinjalakuda Times Website

ക്രൈസ്റ്റ് കോളേജിൽ പരിസ്ഥിതി ദിനാചരണം »
Irinjalakuda Times
 ഇതിഹാസങ്ങൾ: കാർബൺ പുറന്തള്ളൽ തോത് കുറയ്ക്കേണ്ടത് കാലാവസ്ഥാത്തിരട്ടി ആവശ്യമാണെന്നും അതിനായി കാര്യം പറയുന്നു»
 പരിസ്ഥിതിദിനാചരണയുടെ ഭാഗമായി...
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ക്രൈസ്റ്റ് കോളേജിൽ പരിസ്ഥിതി ദിനാചരണം

June 5, 2018 Campus, Environment, Irinjalakuda, News 0



ഇതിഹാസങ്ങൾ: കാർബൺ പുറന്തള്ളൽ തോത് കുറയ്ക്കേണ്ടത് കാലാവസ്ഥാത്തിരട്ടി ആവശ്യമാണെന്നും അതിനായി കാര്യം പറയുന്നു» പരിസ്ഥിതിദിനാചരണയുടെ ഭാഗമായി പരിസ്ഥിതിദിനാചരണം പൂർണ്ണമായും കേന്ദ്രത്തിലെ മുതിർന്ന ശാസ്ത്രജ്ഞൻ ഡോ. ടി. വി. സുബ്ബി അദ്ധ്യക്ഷതയിൽ. ഇതിഹാസങ്ങൾ ക്രൈസ്റ്റ് കോളേജിൽ (രാജാമണി) ലൈവ് വെബിനാർ കൂട്ടി. മുതിർന്ന ഹെൽത്ത് കൂട്ടി. സൗജന്യ - അനു - അനു - പരിസ്ഥിതി വിഭാഗങ്ങൾ തിരുവനന്തപുരം കെ. എസ്.സി. സി. ടി. ഇ. മുൻ സഹകരണത്തോടെ 2018 ജൂൺ 5, 6 തീയതികളിൽ നടത്തുന്ന പരിസ്ഥിതി ദിനാചരണം ഉദ്ദേശം ചെയ്ത് സംസാരിക്കുകയായിരുന്നു അദ്ദേഹം.

പുസ്തക പ്രകാശനം കൂടെയുണ്ടായ കാര്യത്തിൽ പുസ്തക പ്രകാശനം അതിപുസ്തകം എടുക്കണമെന്നും ഡോ. സുബ്ബി പറഞ്ഞു. കോളേജ് സെനാറ്റ് ഹാളിൽ നടന്ന പരിസ്ഥിതിയിൽ പ്രിൻസിപ്പാൾ ഡോ. മാത്യു പോൾ ഉദ്ദേശം അദ്ധ്യക്ഷത വഹിച്ചു. വനിത പുസ്തകം അനുവദിച്ചു. വെബിൻ പ്രിൻസിപ്പാളായ ഡോ. ഡോ. ജോർജ്ജ് പാസ്കൽ പാസ്കൽ, ഡോ. രാമി പോൾ പി. , ഡോ. . അനു എൻ . അ എസ്. സി. സംസാരിച്ചു .

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Programme II

Documentary Film Show - '*An inconvenient Truth*'

Date of programme: 5th June 2018

Time: 11.30 a.m. to 12.45 a.m.

Venue: Seminar Hall, Christ College (Autonomous), Irinjalakuda

Organized by: **Biodiversity Club, Bhoomithrasena & Enviro Club**

The programme was attended by teachers, research scholars and students of Christ College (Autonomous), Irinjalakuda. Dr. Tessy Paul P., HOD and Associate Professor, Department of Botany, Co-ordinator Biodiversity Club and the Co-ordinator of the programme gave the vote of thanks.

The Al Gore global warming movie "*An Inconvenient Truth*" tackles the challenge of climate change in our modern era. The documentary uses images of the Earth collected by Al Gore and information about scientific research and the current political climate to show a dire picture of the Earth's future.



Fig. 8 & 9 – Documentary Film Show '*An inconvenient Truth*'



The poster for 'global warming' film '*An Inconvenient Truth*'.



Programme III

Intercollegiate Quiz Competition on *Environment*

Date of programme: 6th June 2018

Time: 9.30 a.m. to 1.45 p.m.

Venue: Seminar Hall, Christ College (Autonomous), Irinjalakuda

The *Intercollegiate Quiz Competition on Environment, 2018* was conducted on 6th June 2018 at Seminar Hall. 11 teams from various colleges were participated in the programme. The preliminary round started at 10 a.m. Dr. Tessy Paul P., HOD and Associate Professor (Retd.), Department of Botany and Co-ordinator of the programme, welcomed the gathering.

The Quiz master for the competition was Dr. Bijoy C., Assistant Professor, Dept. of Zoology, & Joint Coordinator, Enviro club, Christ College (Autonomous), Irinjalakuda. Post Graduate students of Zoology, Botany, Geology and Environmental Science and B.Sc. Zoology and Geology students of the Christ College (Autonomous), actively participated in the programme. The prizes to the winners were given on the same day 6th June, 2018, after the programme by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. The participation certificates are given to the contestants by Dr. C.O. Joshi, HOD and Associate Professor, Dept. of Zoology.

Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda interacted with the participants and the students of Christ College (Autonomous). Dr. Manju N.J., Department of Geology and Environmental Science, and co-ordinator, Bhoomitrasena and Enviro Club, gave the vote of thanks. The programme was concluded at 1.30 p.m.



Fig. 10 – Intercollegiate Quiz Competition 2018 on ‘Environment’

Intercollegiate Quiz Competition on *Environment*



Fig. 11 - Preliminary Round



Fig. 12 – Quiz master: Dr. Bijoy C.
Co-ordinator, Enviro Club & Assistant Professor,
Dept. of Zoology, Christ College (Autonomous)



Fig. 13 & 14 – Intercollegiate Quiz Competition – Final



Fig. 15 & 16 – Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous)
- Interaction with participants

Intercollegiate Quiz Competition on *Environment* RESULTS

I PRIZE

ALOK PELLISSERY & AJAY FRANCIS
Christ College (Autonomous), Irinjalakuda

II PRIZE

SREEJISHNU P. & SREEHARI S.
NSS College, Ottapalam

III PRIZE

JENCY GEORGE & KEVEN LIAM WILLIAM
St. Alberts's College (Autonomous), Ernakulam



Fig. 17 & 18 – Winners of the programme:

Cash Prize and Certificate distribution to the winners
by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda



Fig. 19 & 20 – **I Prize – ALOK PELLISSERY & AJAY FRANCIS**
CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Intercollegiate Quiz Competition on *Environment*

Cash Prize and Certificate distribution to the winners

by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda



Fig. 21 & 22 – II Prize - **SREEJISHNU P. & SREEHARI S.**
NSS COLLEGE, OTTAPALAM



Fig. 23 & 24 – III Prize - **JENCY GEORGE & KEVEN LIAM WILLIAM**
St. ALBERTS'S COLLEGE (AUTONOMOUS), ERNAKULAM



Fig. 25 & 26 – 4th Position - **SARAYU SIDHARTHAN & MERLY VARGHESE**
VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Intercollegiate Quiz Competition on *Environment*
Fig. 27 - 34 – Certificate distribution to the participants
by Dr. C.O. Joshi, HOD & Associate Professor, Dept. of Zoology



Intercollegiate Quiz Competition 2018 on Environment

- List of participants

Sl. No:	Name of College	Name of Students
1	Christ College (Autonomous), Irinjalakuda	Alok Pellissery & Ajay Francis
2	Christ College (Autonomous), Irinjalakuda	Thanzeen P.S. & Arun George
3	St. Joseph's College (Autonomous), Irinjalakuda	Namitha P.B. & Anagha Sajeev
4	Vimala College (Autonomous), Thrissur	Sarayu Sidharthan & Merly Varghese
5	St. Thomas College (Autonomous), Thrissur	Meena Vijayan & Usha K.G.
6	St. Thomas College (Autonomous), Thrissur	Henna Babu A. & Reshma C.R.
7	St. Alberts's College (Autonomous), Ernakulam	Jency George & Keven Liam William
8	St. Mary's College, Thrissur	Neeraja Rose James & Akhila Babu
9	St. Mary's College, Thrissur	Blessy Biju & Devika M.
10	Carmel College, Mala	Ashily Mariya George & Jebin Farha
11	NSS College, Ottapalam	Sreejishnu P. & Sreehari S.

Programme IV

Planted saplings in connection with World Environment Day 2015

“Ente Mavu: Ente Swantham Nattumavu” Padhathi for the

Conservation of Native Mango Plants:

In connection with the World Environment Day 2018, the saplings of Mango native varieties were planted in the College campus and nearby areas. The programme was inaugurated by **Dr. T.V. Sajeev**, Senior Scientist E-1, Dept. of Forest Entomology, Kerala Forest Research Institute, Peechi, Thrissur. The students and teachers planted the saplings in the college premises. Fr. Joy Peenikaparambil CMI, Vice Principal of the College is the co-ordinator for the programme. The programme was organized by Devamatha CMI province and co-organized by Biodiversity Club, NSS and Dept. of Botany, Christ College, Irinjalakuda.



Fig. 35 – “Ente Mavu: Ente Swantham Nattumavu” Padhathi

WORLD OZONE DAY (16th SEPTEMBER) 2018 – REPORT



CHRIST COLLEGE
(AUTONOMOUS) IRINJALAKUDA



On 17th and 18th September 2018

Organized by: **Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany**

In association with: **Dept. of Geology & Environmental Science and Dept. of Zoology**

Sponsored by: ***Kerala State Council for Science, Technology and Environment
(KSCSTE), Thiruvananthapuram***

In connection with World Ozone Day celebrations 2018 Biodiversity club, Bhoomithrasena and Enviro club in association with Dept. of Botany, Dept. of Geology and Environmental Science and Dept. of Zoology had organized various programmes on September 17 and 18 which was funded by Kerala State Council for Science, Technology and Environment. Christ College (Autonomous), Irinjalakuda conducted the following programmes (Copy of brochure attached as enclosure).

1. Poster competition and exhibition of the posters on “*Ozone Depletion and Climate Change*” (Pages 3 -9)
2. Essay writing competition on “*Significance of Ozone Day and Montreal Protocol*” (Page 9 - 14)
3. Invited Lecture on “*Understanding the Climate, Climate Change and the ways to keep the climate cool*” by Dr. Shijo Joseph, Senior Scientist, Division of GIS & Remote Sensing, Kerala Forest Research Institute, Peechi, Thrissur (Pages 15 - 19)

ORGANIZING COMMITTEE

Principal

Dr. Mathew Paul Ukken

Coordinator

Dr. Tessa Paul P. (HOD & Associate Professor, Dept. of Botany & Coordinator, Biodiversity Club, Christ College Mobile: 7558898955; E-mail: tessyjohnt@gmail.com)

Organizing Secretaries

Dr. Manju N.J. (Assistant Professor, Dept. of Geology & Environmental Science Coordinator, Bhoomithrasena & Enviro Club, & Joint Coordinator, Biodiversity Club, Christ College Mobile: 9847939111; E-mail: manjunj78@gmail.com)

Dr. Bijoy C. (Assistant Professor, Dept. of Zoology, Joint Coordinator, Bhoomithrasena, Biodiversity Club & Enviro Club, Christ College, Mobile: 9895551003; E-mail: bejoyaaryan@gmail.com)

Dr. Subin K. Jose (Assistant Professor, Dept. of Geology & Environmental Science Mobile: 9447814390; E-mail: josesubin@gmail.com)



WORLD OZONE DAY (16th SEPTEMBER) CELEBRATIONS 2018 
On 17th and 18th September 2018

 **CHRIST COLLEGE**
(AUTONOMOUS), IRINJALAKUDA

PROGRAMMES

Poster Competition and Exhibition of Posters on "Ozone Depletion and Climate Change" & Essay Writing Competition on "Significance of Ozone Day and Montreal Protocol"	September 17
Invited Talk on "Understanding the Climate, Climate Change and the ways to keep the climate cool"	September 18

Resource Person: **Dr. SHIJO JOSEPH**
Senior Scientist, Division of GIS & Remote Sensing, Kerala Forest Research Institute (KFRI), Peechi, Thrissur

Organized by: Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany
In association with: Dept. of Geology & Environmental Science and Dept. of Zoology

Sponsored by: **Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram**

Programme I

POSTER COMPETITION & EXHIBITION OF POSTERS

Topic: “Ozone Depletion and Climate Change”

Venue: College

Auditorium Date:

17th September

2018 Time: 9.30

a.m. – 3. 30 p.m.

Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda inaugurated the programmes of World Ozone Day celebrations on 17th September 2018 (Fig. 1-3).

The *Poster Competition on “Ozone Depletion and Climate Change”* was conducted for the students of Christ College (Autonomous), Irinjalakuda, on 17th September 2018. Sixteen students of Christ College (Autonomous) participated in the programme. From the 16 posters, judging panel selected the best three posters. The prizes of the *Poster Competition on “Ozone Depletion and Climate Change”* were given on 18th September, 2018 by Dr. Shijo Joseph, Senior Scientist at Division of GIS and Remote sensing, Kerala Forest Research Institute, Peechi.

Fig. 1: World Ozone Day Celebrations 2018 - Inauguration of the programme



Figs. 2 & 3: Participants with Principal and teachers

Figs. 4 – 11: POSTER COMPETITION





PARTICIPANTS FOR POSTER COMPETITION ON 17-09-2018

Sl. No:	Reg. No:	Name	Class	Class No:
1	1	MEENU K. MOHAN	III Sem. M.Sc. Env. Sc.	74
2	2	KAVYA G. PILLAI	V Sem. B.Sc. Zoology	173
3	3	JILIYA RAJU	V Sem. B.Sc. Zoology	169
4	4	THEJASWY R. VARMA	V Sem. B.Sc. Zoology	187
5	5	HARINARAYANAN P. C.	I Sem. B.Sc. Zoology	164
6	6	AISWARYA RAJEEV	III Sem. B.Sc. Zoology	152
7	7	ALSHITHA PAUL	III Sem. B.Sc. Zoology	156
8	8	AMITHA WILSON	I Sem. M.Sc. Env. Sc.	67
9	9	LIYA MARTIN	I Sem. M.Sc. Env. Sc.	77
10	10	SREELAKSHMI M. S.	I Sem. B.Sc. Zoology	185
11	11	AHALYA K. G.	I Sem. B.Sc. Zoology	153
12	12	PARVANA K. B.	I Sem. B.A. Functional English	58
13	13	ATHIRA V. S.	I Sem. M.Sc. Env. Sc.	71
14	14	JESS VINSON MATHRA	III Sem. M.Sc. Botany	160
15	15	RUKHSANA I. Y.	I Sem. BBA	102 0
16	16	RINOSHA P. RAJAN	III Sem. B.Sc. Geology	220

Dr. Tessy Paul P.

(Co-ordinator of the programme)

Associate Professor & Head, Department of Botany

Figs. 12 – 19: Poster Competition – Participants with Posters



Figs. 20 – 27: Poster Competition – Participants with Posters



POSTER COMPETITION - RESULTS

I PRIZE : AHALYA K. G.

I Semester B.Sc. Zoology, Class No: 153

II PRIZE : JESS VINSON MANTHRA

III Semester M.Sc. BOTANY, Class No: 160

III PRIZE : AISWARYA RAJEEV

III Semester B.Sc. Zoology, Class No: 152

Programme II - ESSAY COMPETITION -REPORT

Topic: "Significance of Ozone Day and Montreal Protocol"

Venue:Seminar Hall, Christ College (Autonomous), Irinjalakuda

Date:17th September 2018 Time:1.30 p. m. to 3.00 p. m.

Organized by: Biodiversity Club, Bhoomithrasena, Enviro Club and Dept. of Botany

In association with: Dept. of Geology & Environmental Science and Dept. of Zoology

Supported by:Kerala State Council for Science, Technology and Environment, Thiruvananthapuram

The **Essay Competition on Significance of Ozone Day and Montreal Protocol** was conducted for the students of Christ College (Autonomous), Irinjalakuda, on 17th September 2018. 26 students of Christ College (Autonomous) participated in the programme. From the 26 entries of essays, judging pannel selected the best three essays. The prizes of the **Essay Competition on "Significance of Ozone Day and Montreal Protocol"** were given on 10th and 11th October, 2018 by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda.

ESSAY COMPETITION - RESULTS

I PRIZE : ALPHY TOM

V Semester B.A. Double Main, Class No: 936

II PRIZE : KAVYA G. PILLAI

V Semester B.Sc. Zoology, Class No: 173

III PRIZE : MEERA DAVI CHALISSERY

III Semester M.Com., Class No: 135

ESSAY COMPETITION
held on 17-09-2018 at Seminar Hall



Fig. 34 & 35 – Essay Competition on “Significance of Ozone Day and Montreal Protocol”



ESSAY COMPETITION

Cash Prize and Certificate distribution to the winners



Fig. 36 – Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous)
- Interaction with students



Fig. 37 – I Prize - Ms. Alphy Tom
- Receiving Cash Prize and Certificate for I PRIZE



Fig. 38 – II Prize - Ms. Kavya G. Pillai
Receiving Cash Prize and Certificate for II PRIZE



Fig. 39 – III Prize - Ms. Meera Davi Chalissery
- Receiving Cash Prize and Certificate for III PRIZE



Fig. 40 - View of audience



PARTICIPANTS FOR ESSAY COMPETITION ON 17-09-2018

Sl. No:	Reg. No:	Name	Class	Class No:
1	1	SREYA K. S.	I Sem. B.Sc. Zoology	186
2	2	NIMIYA ROY	I Sem. M.Sc. ENV. SC.	78
3	3	ASHWATHI RAJEEV	I Sem. B.Com. Professional	1192
4	4	SHYAMILY K. S.	I Sem. B.Com. Professional	1216
5	5	ALEX JOFFY PULIKKAN	III Sem. B.Sc. Zoology	155
6	6	NIKHITHA THOMAS	III Sem. B.Sc. Zoology	179
7	7	SAREENA P. MOHAMMED	III Sem. M.Sc. Botany	161
8	8	ALPHY TOM	III Sem. B.A. Double Main	936

Dr. Tessy Paul P.

(Co-ordinator of the programme) Associate Professor & Head, Department of Botany



PARTICIPANTS FOR ESSAY COMPETITION ON 17-09-2018

Sl. No:	Reg. No:	Name	Class	Class No:
9	9	AKSHAY KUMAR	V Sem. B.Sc. Zoology	153A
10	10	AHALYA K. G.	I Sem. B.Sc. Zoology	153
11	11	JILIYA RAJU	V Sem. B.Sc. Zoology	169
12	12	NAZRIN NAZAR	V Sem. B.Sc. Zoology	179
13	13	KAVYA G. PILLAI	V Sem. B.Sc. Zoology	173
14	14	KARTHIKA RAMESH	V Sem. B.Sc. Zoology	172
15	15	SHILPA	I Sem. BBA	1022
16	16	FRANILA FRANCIS	V Sem. B.Sc. Zoology	166
17	17	CHRISTY SAJU	V Sem. B.Sc. Zoology	163
18	18	DARIN JOSEPH	III Sem. B.Sc. Physics	1098
19	19	HARIKRISHNA M.	III Sem. B.Sc. Physics	1103
20	20	MEENU K. MOHAN	III Sem. M.Sc. ENV. SC.	74
21	21	MALAVIKA NAIR	III Sem. M.Sc. ENV. SC.	73
22	22	AMITHA WILSON	I Sem. M.Sc. ENV. SC.	67
23	23	ATHIRA V. S.	I Sem. M.Sc. ENV. SC.	72
24	24	MEERA DAVI CHALISSERY	III Sem. M.Com.	135
25	25	ATHIRA N. G.	I Sem. M.Sc. ENV. SC.	70
26	26	ANJU KURIAN	I Sem. M.Sc. ENV. SC.	68

Dr. Tessy Paul P.

(Co-ordinator of the programme)

Associate Professor & Head,

Department of Botany

Programme III - INVITED TALK on “Understanding the Climate, Climate Change and the ways to keep the climate cool” - REPORT

18th June 2018 (Tuesday) 11.00 a.m. – 1.00 p.m.

Dr. Shijo Joseph, Senior Scientist, Division of GIS and Remote sensing, Kerala Forest Research Institute, Peechi had delivered an enlightening talk on “*Understanding climate, climate change and the ways to keep the climate cool*” as part of this programme. He highlighted the need to adopt the concept of Carbon Neutral Development as the mitigation measure for climate change that is evident in the last few decades across the world. Dr. Tessy Paul P., Head of the Department, Department of Botany and Coordinator, Biodiversity Club welcomed the gathering. The function was presided over by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda.

Dr. Manju N. J., Asst. Professor, Department of Geology and Environmental Science and Coordinator, Bhoomithrasena and Enviro club introduced Dr. Shijo Joseph to the audience. Dr. Bijoy C., Asst. Professor, Dept. of Zoology and Joint Coordinator, Bhoomithrasena and Enviroclub gave vote of thanks. The students and teachers of the Christ College (Autonomous), Irinjalakuda attended the programme (Paper reports on pages 17 - 19 and Figs. 41 to 47).



INVITED TALK



Fig. 43 – View of Audience



Fig. 44 – Memento to Dr. Shijo Joseph by Dr. Mathew Paul Ukken, the Principal,

INVITED TALK



Fig. 45 - Interaction with students



Fig. 46 – Introducing the chief Guest to the audience
 Dr. Manju N.J., Assistant Professor,
 Dept. of Geology & Environmental Science
 & Co-ordinator, Bhoomitrasena, Enviro Club,



Fig. 47 – Vote of thanks by Dr. Bijoy C.,
 Assistant Professor, Dept. of Zoology
 & Joint-ordinator, Biodiversity Club,
 Bhoomitrasena & Biodiversity Club

Paper Reports



Malayala Manorama Paper News – 21st September 2018

Christ College observes Ozone Day

EXPRESS NEWS SERVICE
@Theisur

SENIOR scientist at Kerala Forest Research Institute Remote Sensing department Shijo Joseph urged everyone to be cautious during the return of the monsoon in the Malayalam month of 'Thulam', in the backdrop of frequent landslips and recent flood in the state.

Speaking during the Ozone Day celebration of the Enviro and Bhoomimithra clubs at Christ College, Irinjialakkuda, on Thursday Shijo highlighted the need for carbon neutral development in the present scenario of climate change across the world. "In order to take forward the development activities, the concept of carbon neutral development is important. A major cause for global warming is the smoke emitted by vehicles and other carbon pollutants," he said. "Sixty-four per cent of the carbon in the atmosphere comes from diesel vehicles, while the carbon pollution was found to be low during



The principal handing over a memento to Shijo Joseph during the Ozone Day fete

the monsoon," he said. Addressing the concerns that landslips occurred in areas where quarries did not exist, Shijo explained the phenomenon of soil piping.

"It is advisable to avoid construction of houses or even other buildings in hilly regions and in the foothills in the present scenario. Soil piping has led to landslips and landslides in Idukki and Wayanad districts," he said.

In connection with the observation of Ozone Day essay competitions, poster-making competition, etc. were also conducted and the winners were felicitated. Principal Mathew Paul Ukken, Tessa Paul, Head of Department (Botany), and other staff members joined the students. International Day for Preservation of Ozone Layer falls on September 16 every year.

Indian Express Paper News – 21st September 2018

കുറുപ്പുവായന



Senior scientist at Kerala Forest Research Institute Remote Sensing department Shijo Joseph urged everyone to be cautious during the return of the monsoon in the Malayalam month of 'Thulam', in the backdrop of frequent landslips and recent flood in the state. Speaking during the Ozone Day celebration of the Enviro and Bhoomimithra clubs at Christ College, Irinjialakkuda, on Thursday Shijo highlighted the need for carbon neutral development in the present scenario of climate change across the world. "In order to take forward the development activities, the concept of carbon neutral development is important. A major cause for global warming is the smoke emitted by vehicles and other carbon pollutants," he said. "Sixty-four per cent of the carbon in the atmosphere comes from diesel vehicles, while the carbon pollution was found to be low during the monsoon," he said. Addressing the concerns that landslips occurred in areas where quarries did not exist, Shijo explained the phenomenon of soil piping. "It is advisable to avoid construction of houses or even other buildings in hilly regions and in the foothills in the present scenario. Soil piping has led to landslips and landslides in Idukki and Wayanad districts," he said.



Senior scientist at Kerala Forest Research Institute Remote Sensing department Shijo Joseph urged everyone to be cautious during the return of the monsoon in the Malayalam month of 'Thulam', in the backdrop of frequent landslips and recent flood in the state. Speaking during the Ozone Day celebration of the Enviro and Bhoomimithra clubs at Christ College, Irinjialakkuda, on Thursday Shijo highlighted the need for carbon neutral development in the present scenario of climate change across the world. "In order to take forward the development activities, the concept of carbon neutral development is important. A major cause for global warming is the smoke emitted by vehicles and other carbon pollutants," he said. "Sixty-four per cent of the carbon in the atmosphere comes from diesel vehicles, while the carbon pollution was found to be low during the monsoon," he said. Addressing the concerns that landslips occurred in areas where quarries did not exist, Shijo explained the phenomenon of soil piping. "It is advisable to avoid construction of houses or even other buildings in hilly regions and in the foothills in the present scenario. Soil piping has led to landslips and landslides in Idukki and Wayanad districts," he said.



CHRIST COLLEGE (AUTONOMOUS)

(Regn. No. 137/75; No.F.22-1/2015/AC.U.G.C.)

Affiliated to University of Calicut and Accredited by NAAC 'A' Grade
IRINJALAKUDA - 680 125, KERALA, INDIA

Phone : Office (0480) 2825258, Principal 2820005, Res : 2825384, 2828241, Fax : 2831552
E-Mail:- christcollegejk@gmail.com Web : www.christcollegejk.edu.in

No. 103/KSCSTE/2018-19

From

The Principal

To

Dr. S. Pradeep Kumar,
Director,
Kerala State Council for Science, Technology and Environment (KSCSTE),
Sasthra Bhavan, Pattom,
Thiruvananthapuram - 4

Sub: Christ College (Autonomous), Irinjalakuda – World Ozone Day Celebrations 2018 -
Report to KSCSTE, Thiruvananthapuram, Reg:
Ref: No. KSCSTE / 1649/2018-E & E/ OD-93 dated 07/09/2018

Sir,

Herewith please find the report of activities of the "World Ozone Day Celebrations, 2018" undertaken by our College on 17th and 18th September 2018.

Thanking you,

Yours faithfully


PRINCIPAL

CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA

Enclosures:

1. Report of the programme (2 days, 17th and 18th September, 2018) in connection with the World Ozone Day, 2018
2. Photographs of the 2 days programme
3. Paper Reports of the programme
4. Statement of Expenditure
5. Utilization Certificate
6. Brochure of the 2 days programme on 17th and 18th September, 2018
7. Copy of the Certificate given to the participants
8. Copy of the details of the Invited Talk
9. Copy of the results of the Poster Competition
10. Copy of the results of the Essay Competition
11. Electronic clearing service facility for receiving payments

STATEMENT OF EXPENDITURE OZONE DAY CELEBRATIONS 2018

Title of Programme: Ozone Day Celebrations 2018
Date & Venue: 17/9/2018 & 18/9/2018, Christ College (Autonomous) Irinjalakuda
Organized by: Christ College (Autonomous), Irinjalakuda
KSCSTE-File No.: KSCS.TE./1649/2018.E&E/OD93

Receipts	Amount (Rs)	Expenditure/Payments	Amount (Rs)
I. Total Amount sanctioned from KSCSTE	3000	1. Organizing Expenses	4636
<i>Rs. 10,000/-</i>	1000	2. Honoraria	1000
	1000	3. Travel Expenses	2262
	1000	4. Publicity Expenses	1518
	4000	5. Refreshments	4719
TOTAL	10,000/-	GRAND TOTAL	14135/-

Certified that I have exercised all kinds of checks to see that the KSCSTE grant has been utilized for the purpose for which it was sanctioned by KSCSTE as per vide Council Provisional Sanction Letter No. KSCSTE/1649/2018 E&E/OD93 dated 7-9-2018

Name & Signature of Co-ordinator

Dr. Jessy Paul P.

Name & Signature of Head of the Institution

[Signature]
IRINJALAKUDA
Office Seal with Date

Name & Signature of Chartered Accountant

[Signature]
T.I. Joseph (Proprietor)
M.No. 200142

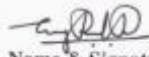
* Aided - Colleges & Professional Colleges



**UTILIZATION CERTIFICATE
OZONE DAY CELEBRATIONS -2018**


Title of Programme: Ozone Day Celebrations 2018
Date & Venue: 17/9/2018 & 18/9/2018, Christ College (Autonomous), Irinjalakuda
Organized by: Christ College (Autonomous), Irinjalakuda
KSCSTE-File No. KSCSTE/1649/2018 E&E/OD/93

Certified that out of Rs. 10,000/- sanctioned by Kerala State Council for Science, Technology and Environment as per Provisional Sanction Letter No. KSCSTE/1649/2018 E&E/OD/93 dated 7-9-2018 towards financial assistance for the conduct of Ozone Day 2018 an amount of Rs. 10,000/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. NIL at the close of 14,135/- as shown in the Statement of Expenditure annexed


Name & Signature
of Co-ordinator

DA. TESSY PAUL P.


Name & Signature
of Head of the Institution
with date PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA


Name & Signature of
*Chartered Accountant (Proprietor)
O.J. JOSEPH
M.No. 200142
16/18



Office Seal with date



**Aided - Colleges & Professional Colleges*

KSCSTE- E&E/OD - SC & UC -2018

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

(Affiliated to the University of Calicut and Re-accredited by NAAC (Grade A))



**CELEBRATIONS OF
WORLD OZONE DAY 2018**



Sponsored by

Kerala State Council for Science, Technology & Environment (KSCSTE), Thiruvananthapuram

Certificate

This is to certify that Mr. / Ms. Dr. Mathew Paul Ukken has secured 1st PRIZE in the KSCSTE sponsored Poster making / Essay writing Competition conducted as part of "World Ozone Day Celebration 2018", organized by Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany, Christ College (Autonomous), Irinjalakuda on 17-09-2018.

Dr. TESSY PAUL P.
Programme Coordinator
& HOD, Department of Botany

Dr. Mathew Paul Ukken
Principal

18th September 2018

PROGRAMME @ Seminar Hall
11 a.m. to 12.30 p.m.

Prayer

Welcome Speech : **Dr. Tessa Paul P.**
Associate Professor & HOD,
Department of Botany

Presidential Address : **Dr. Mathew Paul Ukken**
Principal, Christ College, Irinjalakuda

Invited Lecture by Resource Person : **Dr. SHIJO JOSEPH**
Senior Scientist, Division of GIS & Remote Sensing,
Kerala Forest Research Institute, Peechi, Thrissur

***"Understanding the Climate, Climate Change
and the ways to keep the climate cool"***

Vote of Thanks : **Dr. Bijoy C.**
Assistant Professor, Dept. of Zoology

Details of Contact

Dr. Tessa Paul P. : Mobile: 9446233104;
E-mail: tessajobarr@gmail.com
Dr. Manju N. J. : Mobile: 9847939111;
E-mail: manjun78@gmail.com
Dr. Bijoy C. : Mobile: 9895551003;
E-mail: drbjoyce@gmail.com
Dr. Subin K. Jose: Mobile: 9447814390;
E-mail: josesubin@gmail.com

**CHRIST COLLEGE (AUTONOMOUS),
IRINJALAKUDA, KERALA**

Affiliated to the University of Calicut and Re-accredited by NAAC (Grade A)
Website: www.christcollegeik.edu.in



**WORLD OZONE DAY
CELEBRATIONS 2018**

On 17th and 18th September 2018

Organized by:
Biodiversity Club, Bhoomithrasena, Enviro Club
and Dept. of Botany

In association with:
Dept. of Geology & Environmental Science and Dept. of Zoology

Supported by:
Kerala State Council for Science, Technology and Environment,
Thiruvananthapuram



CHRIST COLLEGE
AUTONOMOUS IRINJALAKUDA



Welcome

Christ College (Autonomous), Irinjalakuda, Kerala

Christ College was started in the year 1956 by the **Devamatha** province of the **Carmelites** of Mary Immaculate (CMI), an Indigenous Religious Congregation, founded in 1831, by **St. Cyrilus Elias Chavara**, a saintly priest and versatile genius, who envisioned education as a tool for liberation and development. Christ College has been affiliated to Calicut University and re-accredited by NAAC with the highest grade 'A'. Christ College is dedicated to Christ and has the Motto "**Jesuith Creabit**" which means "**Light of Life**". Christ College is part of a century old tradition of CMI education that is at its heart, Christian and specifically Catholic. It offers an ideal vision of education that is aware of and responsive to the challenges of the nation's present situation.

Principal

Dr. Mathew Paul Ukken

Coordinator

Dr. Tessa Paul P.
(HOD & Associate Professor, Dept. of Botany
& Coordinator, Biodiversity club, Christ College)

Organizing Secretaries

Dr. Manju N. J.
(Assistant Professor, Dept. of Geology & Environmental Science,
Coordinator, Bhoomithrasena and Enviro club &
Joint Coordinator, Biodiversity club, Christ College)

Dr. Bijoy C.
(Assistant Professor, Dept. of Zoology and Joint Coordinator,
Biodiversity club, Bhoomithrasena & Enviro club, Christ College)

Dr. Subin K. Jose
(Assistant Professor, Dept. of Geology & Environmental Science)

Event Schedule

17th September 2018

**POSTER COMPETITION &
EXHIBITION OF THE POSTERS**

Theme: "**Ozone Depletion and Climate Change**"

Venue: College Auditorium
Date: 17th September 2018
Time - 9.30 a.m. to 3.00 p.m.

I Prize- Rs.500/-
II Prize- Rs. 400/-
III Prize- Rs. 300/-

ESSAY WRITING COMPETITION

Topic: "**Significance of Ozone Day
and Montreal Protocol**"

Venue: Seminar Hall
Date: 17th September 2018
Time: 1.30 p. m to 3.00 p. m

I Prize- Rs.500/-
II Prize- Rs. 400/-
III Prize- Rs. 300/-

Winners will also receive Certificates

WORLD OZONE DAY (16th SEPTEMBER) CELEBRATIONS 2018



CHRIST COLLEGE
(AUTONOMOUS) IRINJALAKUDA



18th June 2018 (Tuesday) 11.00 a.m. – 12.30 p.m.

INVITED TALK ON “*Understanding the Climate, Climate Change and the ways to keep the climate cool*”

- Prayer :
Welcome Speech : **Dr. Tessa Paul P.**
*HOD & Associate Professor, Dept. of Botany,
Coordinator of the programme &
Coordinator, Biodiversity Club)*
Presidential Address : **Dr. Mathew Paul Ukken,**
Principal, Christ College, Irinjalakuda
Presentation of Memento to Resource Person : **Dr. Mathew Paul Ukken**
Invited Talk by Chief Guest : **Dr. SHIJO JOSEPH**
*Senior Scientist E-1, Division of GIS & Remote Sensing,
Kerala Forest Research Institute,
Peechi, Thrissur*
Prize Distribution : **Dr. Shijo Joseph**
Vote of Thanks : **Dr. Bijoy C.**
*Assistant Professor, Dept. of Zoology
Joint Co-ordinator, Biodiversity Club, Bhoomithrasena & Enviro club*

Organized by: **Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany**

In association with: **Dept. of Geology & Environmental Science and Dept. of Zoology**

Financial Assistance: **Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram**



PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA

WORLD OZONE DAY (16th SEPTEMBER) CELEBRATIONS 2018



CHRIST COLLEGE
(AUTONOMOUS) IRINJALAKUDA



POSTER COMPETITION

Topic: "Ozone Depletion and Climate Change"

Venue: College Auditorium

Date: 17th September 2018

Time: 9.30 a.m. – 12.30 p.m.

Organized by:

Biodiversity Club, Bhoomithrasena, Enviro Club and Dept. of Botany

In association with:

Dept. of Geology & Environmental Science and Dept. of Zoology

Supported by:

Kerala State Council for Science, Technology and Environment, Thiruvananthapuram

RESULTS

I PRIZE

AHALYA K. G.

I Semester B.Sc. Zoology, Class No: 153

II PRIZE

JESS VINSON MANTHRA

III Semester M.Sc. BOTANY, Class No: 160

III PRIZE

AISWARYA RAJEEV

III Semester B.Sc. Zoology, Class No: 152


Dr. Tessa Paul P.

Head, Department of Botany &
Co-ordinator of the programme




Dr. Mathew Paul Ukken

Principal

CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA

WORLD OZONE DAY (16th SEPTEMBER) CELEBRATIONS 2018



CHRIST COLLEGE
(AUTONOMOUS) IRNJALAKUDA



ESSAY COMPETITION

Topic: "Significance of Ozone Day and Montreal Protocol"

Venue: Seminar Hall

Date: 17th September 2018

Time: 1.45 p. m to 2.45 p. m

Organized by:

Biodiversity Club, Bhoomithrasena, Enviro Club and Dept. of Botany

In association with:

Dept. of Geology & Environmental Science and Dept. of Zoology

Supported by:

Kerala State Council for Science, Technology and Environment, Thiruvananthapuram

RESULTS

I PRIZE

ALPHY TOM

V Semester B.A. Double Main, Class No: 936

II PRIZE

KAVYA G. PILLAI

V Semester B.Sc. Zoology, Class No: 173

III PRIZE

MEERA DAVI CHALISSERY

III Semester M.Com., Class No: 135

Dr. Tessa Paul P.
Head, Department of Botany &
Co-ordinator of the programme.



Dr. Mathew Paul Ukken
Principal
PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRNJALAKUDA

ELECTRONIC CLEARING SERVICE FACILITY FOR RECEIVING PAYMENTS

KSCSTE File No:

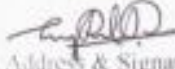
Details of Account Holder

Name of the Institution	CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA
Contact Address	Principal, Christ College (Autonomous) Irinjalakuda
Telephone No. / Fax No.	Dr. Mathew Paul Ukken, Principal mob. 9495464016
E-mail ID of the DIR/ REG/ AO/FO	christcollegeijk@gmail.com

Bank Account Details

Institution Account Name (As per Bank records)	PRINCIPAL, CHRIST COLLEGE IRINJALAKUDA
Account No. (SIVCC)	57070060725
IFSC Code	SBIN 0070790
Branch Name	State Bank of India
Branch Address	PBB, Tana, Irinjalakuda Branch SBI, Christ College Junction, Irinjalakuda 680125
MICR No.	680002965

Certified that the Institute's account is in NEFT/RTGS enabled branch. I hereby declare that the particulars given above are correct and complete.


Name, Address & Signature of the
Programme Coordinator
Dr. Tessa Paul P
Associate Professor & HoD
Dept. of Botany, Christ College (Autonomous)
Irinjalakuda
Date 12-10-2018


Name, Address & Signature of the
Competent Authority (DIR/REG/ AO/FO)
with date

Institution Seal

World Ozone Day Celebrations, 2018 Christ College (Autonomous), Irinjalakuda



Report to Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram




Co-ordinator of the programme

Dr. Tessy Paul P.


Principal

Dr. Mathew Paul Ukken

World Ozone Day Celebrations, 2018 - REPORT



CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Report to Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram

CONTENTS

Sl. No:	Programmes	Page No:
1	Poster competition and exhibition of the posters on "Ozone Depletion and Climate Change"	3 - 9
2	Essay writing competition on "Significance of Ozone Day and Montreal Protocol"	9 - 14
3	Invited Lecture on "Understanding the Climate, Climate Change and the ways to keep the climate cool" by Dr. Shijo Joseph, Senior Scientist, Division of GIS & Remote Sensing, Kerala Forest Research Institute, Peechi, Thrissur	15 - 19

Organized by: Biodiversity Club, Bhoomithrasena, Enviro Club & Dept. of Botany

In association with: Dept. of Geology & Environmental Science and Dept. of Zoology


Dr. Tessy Paul P.

Co-ordinator of the programme



Wetlands and
climate change

World Wetland day celebrations 2019 -Report

Date: 2nd February 2019

Sponsored by: Kerala State Council for Science, Technology and Environment (KSCSTE),
Thiruvanthapuram

Organized by: Bhoomithrasena, Biodiversity Club and Enviro-cub

In association with: Department of Zoology, Department of Geology and Environmental
Science, Department of Botany.

Venue: Thommana Kole wetlands and GUP School, Kaduppissery, Thommana.

Christ College (Autonomous), Irinjalakuda conducted a one day on-field Para-Taxonomy
Workshop on "*Faunal Diversity Documentation of Thommana Kole Wetlands*" in connection
with World Wetland Day 2019 celebrations (Brochure attached as enclosure).

ORGANIZING COMMITTEE

Principal: Dr. Mathew Paul Ukken

Programme Coordinator

Dr. Bijoy C


*(Assistant Professor, Dept. of Zoology, Joint Co-coordinator, Bhoomithrasena, Biodiversity club
and Enviro Club)*

Organizing Secretaries

Rev. Fr. Joy P. T. CMI *(Vice Principal & Assistant Professor, Dept. of BPE, Joint Coordinator,
Biodiversity Club)*

Dr. Tessy Paul P. *(HOD & Associate Professor, Dept. of Botany and Coordinator, Biodiversity Club)*

Dr. Manju N. J. *(Assistant Professor, Dept. of Geology & Environmental Science and Coordinator,
Bhoomithrasena and Enviro Club)*



On-field Para-Taxonomy Workshop on
‘Faunal Diversity Documentation of Thommana Kole Wetlands’

PROGRAMME

The Programme included 4 technical sessions and 3 documentation sessions. Technical sessions include 4 Invited talks and documentation sessions include field visits to kole wetlands. The first technical session was an invited talk on ***‘Bird Diversity and Conservation in wetlands of Kerala’*** by **Mr. Sandeep Das**, Research Scholar, Forest Ecology and Biodiversity Conservation Division, Kerala Forest Research Institute, Peechi. He explained about the basics of bird watching and introduced the students with common wetland birds of our area.


After the talk, the students along with the resource scholar and coordinators went to the field for documenting the diversity of birds from kole wetlands (List of birds documented is attached herewith).

Second technical session was an invited talk on ***‘Dragons and Damsels of Wetlands- Understanding the life of Odonates’*** by **Mr. Divin Murukesh M.**, PhD Fellow at Centre for Conservation Ecology, Department of Zoology, MES Mampad College, Malappuram Dist. He detailed about the identification of dragonflies and damselflies and explained about their aquatic relationship.

Second documentation session was carried out at kole wetlands in noon, but students could identify and document good number of Odonates (List of Odonates documented is attached herewith).

Third technical session after lunch was another invited talk by **Dr. C. P. Shaji**, Conservation Biologist, Malabar Natural History Society, Calicut on ***‘Ichthyological exploration in Thommana Wetlands’***. He explained about the identification tips of wetland fishes and showed some common wetland fishes of our region to the students.

Third and final documentation session was carried out at kole wetlands after noon. With the help of a local fisherman some fishes had been collected and resource person helped student participants to identify the fishes (List of fishes documented is attached herewith).



Finally, there was a fourth technical session by **Mr. Manoj Karingamadathil** (Coordinator of Kole Birders, Citizen Science collective group, Thrissur) who delivered a talk on '**Role of Citizens in Biodiversity Documentation and conservation in Kole wetlands**' which stressed the importance of documenting the diversity by the student community for future biodiversity conservation.

List of documented fauna from Thommana Kole wetlands

Birds	
1	Whiskered tern
2	Wire tailed swallow
3	Purple swamp hen
4	Bronze winged jacana
5	Red wattled lapwing
6	Oriental darter
7	Dusky crag martin
8	Pheasant tailed jacana
9	Pied kingfisher
10	Blue tailed bee-eater
11	Purple heron
12	Grey heron
13	Pond heron
14	Little egret
15	Barn swallow
16	Little cormorant
17	sandpiper
18	Black winged stilt



19	Ashy-wood swallow
20	Black drongo
21	White breasted king fisher
22	Stork billed king fisher
23	Common myna
24	Brown shrike
25	Cuckoo
26	Cotton teal
27	Large egret
28	Yellow wagtail
29	Black kite
30	Bhraminy kite
31	Harrier
32	Black Ibis
33	Black winged stork
34	Paddy filed pipit
35	Blyth reed warbler
36	Read whiskered bulbul
37	Little stint
38	Plain prinia
39	White breasted water hen
40	Shikra
41	Common king fisher
42	Cattle egret

43	Tailor bird
44	Lotten's sunbird
45	Little ringed plover
46	Golden plover

Odonates	
1	<i>Orthitrum sabina</i>
2	<i>Brachythemis contaminata</i>
3	Gomphidae
4	<i>Neurothemmis varigata</i>
5	<i>Orthetrum pruinosum</i>
6	<i>Neurothemis tullia</i>
7	<i>Urothemis signata</i>
8	<i>Aethriamanta brevipenis</i>
9	<i>Orthetrum chrysis</i>
10	<i>Panatala flaviscens</i>
11	<i>Pseudagrion microcephalum</i>
12	<i>Agriocnemis pieris</i>

Fishes	
1	<i>Mystus castaneus</i>
2	<i>Etroplus maculatus</i>
3	<i>Mystus montanus</i>
4	<i>Puntius punctatus</i>
5	<i>Puntius vitatus</i>
6	<i>Puntius titto</i>
7	<i>Amblypharyngodon sp.</i>

On Field Para-Taxonomy Workshop on
"Faunal Diversity Documentation on Thommana Kole Wetlands"
World Wetland day celebrations 2019



Participants of the programme



Invited talk on birds: Mr. Sandeep Das



Bird documentation in kole wetlands



Invited talk on Odonates: Mr. Divi Murukesh



Faunal Documentation



Invited talk on fishes: Dr. C.P. Shaji

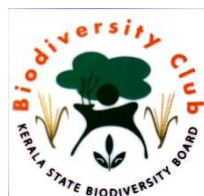
**On Field Para-Taxonomy Workshop on
 "Faunal Diversity Documentation on Thommana Kole Wetlands"
 World Wetland day celebrations 2019**



Paper News in Mathrubhumi, Manorama and Magalam Daily - 5th February 2019



NATURE CAMP & INVITED TALKS (14th - 16th FEBRUARY) 2019 – REPORT



Organized by: **Biodiversity Club**

Sponsored by: ***Kerala State Biodiversity Board (KSBB), Thiruvananthapuram***

The Biodiversity club of Christ College (Autonomous), Irinjalakuda had organized Nature Camp and Invited Talks on February 14, 15 and 16 which was funded by Kerala State Biodiversity Board, Thiruvananthapuram. Christ College (Autonomous), Irinjalakuda conducted the following programmes (Copy of brochure attached as enclosure).

1. Invited Talk on ***"Biodiversity Conservation"*** by Dr. K. G. Ajit Kumar (Senior Programme Coordinator, KSBB) on 16th February 2019
2. Invited Talk on ***"Impact of flood on Biodiversity"*** by Sri. Ajithkumar O.N. (Resource Person, KSBB) on 14th February 2019
3. **Nature Camp (*Campus Green Fest 2019*)** on 15th & 16th February, 2019

In collaboration with NGO – 'Friends of Nature'

Technical sessions on "Our Wild Wealth, Feathered Friends, Flying Flowers & World of Webbers"



PROGRAMME COMMITTEE

Dr. Mathew Paul Ukken (*Principal*)

Rev. Fr. Joy P. T. (*Vice Principal & Assistant Professor, Dept. of BPE
and Joint Coordinator, Biodiversity Club*)

Programme Coordinator

Dr. Manju N. J. (*Assistant Professor, Dept. of Geology & Environmental Science
and Joint Coordinator, Biodiversity Club*)

Organising Secretaries

Dr. Tessa Paul P. (*HOD & Associate Professor, Dept. of Botany
and Coordinator, Biodiversity Club*)

Dr. Bijoy C (*Assistant Professor, Dept. of Zoology, & Joint Coordinator, Biodiversity Club*)



Day I

14th February 2019 (Thursday)

INVITED TALK

Venue: College Seminar Hall

Date: 14th February 2019

Time: 9.30 a.m. – 11.45 A.m.

Sri. Ajith Kumar O.N. Resource person, Kerala State Biodiversity Board, Thiruvananthapuram gave an invited talk on “*Impact of flood on Biodiversity*”. Dr. Tessy Paul P, HOD and Associate Professor, Department of Botany and Coordinator, Biodiversity Club welcomed the gathering. The function was presided over by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. Dr. Manju N.J., Asst. Professor, Department of Geology and Environmental Science and Coordinator, Biodiversity club, gave vote of thanks. The resource person, Mr. O. N. Ajithkumar mentioned it as the duty of humans to conserve the biodiversity otherwise their existence will be affected. According to him as an impact of the recent flood in Kerala some of the organisms have been relocated to new places. He also stressed the necessity for maintaining Biodiversity register.



Day 2

15th February 2019 (Friday)

Nature camp in collaboration with 'Friends of Nature', an NGO

Nature Camp Registration : 1.00 p.m. – 1.30 p.m. (at Seminar Hall, Christ College)

The nature camp was inaugurated by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. Dr. Robinson Ponminissery, IQAC Coordinatr, gave felicitation. Dr. Bijoy C., Assistant Professor, Department of Zoology and Joint Coordinator, Biodiversity Club welcomed the gathering. Dr. Manju N.J., Asst. Professor, Department of Geology and Environmental Science, Programme coordinator and Joint Coordinator, Biodiversity club, gave vote of thanks. The programme started at 1.30 p.m and around 60 students from different departments participated in the camp. The inaugural session is followed by the invited talk on "**World of Webbers**" by **Dr. Sudhikumar A.V.** Assistant Professor, Department of Zoology, Christ College, Irinjalakuda and the Best Researcherawardee of 2015 instituted by KSBB. Dr. Sudhikumar highlighted that around 300 species of spiders are reported in Kerala and in which none are poisonous. In the campus of Christ College itself around 120 sp. could be documented. Recently he reported one new species from Wayanad Wildlife Sanctuary which shows similarity with those seen in Australia. He remarked that this observation is supporting the theory of single continent. The outdoor activity of the **Spider watching programme, Christ College Campus** was done with the help of **Mr. Sudhin T.P.** Research Scholar, Department of Zoology, Christ College, Irinjalakuda.



Day 3

16th February 2019 (Saturday)

Nature camp in collaboration with 'Friends of Nature', an NGO

Dr. K. G. Ajithkumar, Senior Programme Coordinator, KSBB was the Chief Guest of the programme. He delivered a talk on Biodiversity conservation. He specified the legal aspects on the conservation of biodiversity and the role of KSBB in conservation and management. Mr. O. Hamidali, Chairman, Friends of Nature, Mr. Rafeeq Babu, Secretary, FoN, Ms. Mini Anto, Wildlife Photographer and Ms. K. C. Soumya, Project Fellow, KFRI also spoke on the occasion. Bird watching programme and interactive sessions were also part of the camp.

Campus Green Fest 2019

Nature camp and Invited talks



Presidential address by the Principal



Invited talk by Mr. Ajith Kumar



Presentation of Memento to Mr. Ajith Kumar O. N.



Vote of Thanks by Dr. Manju N. J.

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
NATURE CAMP & INVITED TALKS On 14, 15 & 16 February 2019 @ Seminar Hall
 Organized by: BIODIVERSITY CLUB
 Sponsored by: Kerala State Biodiversity Board (KSBB), Thiruvananthapuram





PROGRAMMES

Nature Camp (Campus Green Fest 2019): 15th & 16th February, 2019 In collaboration with NGO – 'Friends of Nature'
 Technical sessions on "Our Wild Wealth, Feathered Friends, Flying Flowers & World of Webbers"

Invited Talks: 14th & 16th February, 2019 Dr. K. G. Ajith Kumar (Senior Programme Coordinator, KSBB) on "Biodiversity Conservation"
 Mr. Ajithkumar O. N. (Resource Person, KSBB) on "Impact of flood on Biodiversity"

Banner of the Programme

Campus Green Fest 2019

Nature camp and Invited talks



Invited talk by Dr. Sudhikumar A. V.



Vote of thanks by Dr. Bijoy C.



Spider documentation programme



Identification of spiders by Mr. Sudhin P. P.



Invited talk by Ms. Mini Anto



Bird Documentation programme

Campus Green Fest 2019

Nature camp and Invited talks



Bird documentation programme



Invited talk by Ms. Sowmya K. C.



Interaction with students: Mr. Adil



Presentation of Certificate to Mr. Adil



Interactive session by Mr. Rafeeq Babu



Invited talk by Dr. K. G. Ajitkumar

Campus Green Fest 2019

Nature camp and Invited talks



Presentation of memento to Dr. Ajitkumar



Invited talk by Mr. Hamid Ali O.

Media news regarding the programme

പ്രദർശനം സംഘടിപ്പിച്ചു

ഇരിങ്ങാലക്കുട: ക്രൈസ്റ്റ് കോളജിൽ ജൈവവൈവിധ്യ ക്ലബിന്റെ ആഭിമുഖ്യത്തിൽ സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ ധനസഹായത്തോടെ പ്രളയം ജൈവവൈവിധ്യത്തിൽ വരുത്തിയ മാറ്റങ്ങൾ എന്ന വിഷയത്തെ ആസ്പദമാക്കി പ്രദർശനം സംഘടിപ്പിച്ചു. സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിലെ ഒ.എൻ. അജിത്കുമാർ മുഖ്യപ്രദർശനം നടത്തി.

കേരളത്തിൽ അടുത്ത കാലത്തുണ്ടായ പ്രളയാനന്തരഫലമായി പല ജീവികളും പുതിയ പ്രദേശങ്ങളിലേക്കു പരിച്ചുനടപ്പെട്ടതായി പ്രതിപാദിച്ച അദ്ദേഹം ജൈവവൈവിധ്യ രജിസ്റ്ററിന്റെ പ്രധാന്യത്തെ കുറിച്ചും സംസാരിച്ചു.

ചടങ്ങിൽ പ്രിൻസിപ്പൽ ഡോ. മാത്യു പോൾ ഊക്കൻ, ജൈവവൈവിധ്യ ക്ലബിന്റെ കോ-ഓർഡിനേറ്ററും ബോട്ടണി വിഭാഗം മേധാവിയുമായ ഡോ. പി. ടെസി പോൾ, പരിസ്ഥിതി വിഭാഗം അസിസ്റ്റന്റ് പ്രഫ. ഡോ. എൻ. ജെ. മഞ്ജു എന്നിവർ പ്രസംഗിച്ചു.



'ചിലന്തികളുടെ ലോകം' പ്രദർശനം സംഘടിപ്പിച്ചു

ഇരിങ്ങാലക്കുട: ക്രൈസ്റ്റ് കോളജിൽ (ഓട്ടോണമസ്) ജൈവവൈവിധ്യ ക്ലബിന്റെ നേതൃത്വത്തിൽ കേരള സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ ധനസഹായത്തോടെ 'ചിലന്തികളുടെ ലോകം' എന്ന വിഷയത്തിൽ പ്രദർശനം സംഘടിപ്പിച്ചു. ജന്തുശാസ്ത്ര വിഭാഗത്തിലെ അസിസ്റ്റന്റ് പ്രഫസറും സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ 2015 ലെ ഏറ്റവും നല്ല ഗവേഷകനുള്ള അവാർഡ് ജേതാവുമായ ഡോ. എ.വി. സുധീകുമാർ മുഖ്യപ്രദർശനം നടത്തി. കേരളത്തിൽ ഏകദേശം 350 ഓളം വ്യത്യസ്ത ചിലന്തികളുണ്ടെന്നും അവയിലൊന്നും വിഷമുള്ളവയില്ലെന്നും അദ്ദേഹം പറഞ്ഞു. ക്രൈസ്റ്റ് കോളജ് കമ്പസിൽ നിന്നുതന്നെ 120 ഓളം ചിലന്തി സ്പെഷിസുകളെ കണ്ടെത്താൻ കഴിഞ്ഞിട്ടുണ്ടെന്നും പ്രതിപാദിക്കുകയുണ്ടായി.

അടുത്തകാലത്ത് വന്മാർ വന്യജീവി സങ്കേതത്തിൽനിന്നും പുതിയതായി കണ്ടെത്തിയ ചിലന്തികൾ ആന്ത്രോപിലയിൽ കാണുന്ന ചിലന്തി വർഗ്ഗമായി വളരെയധികം സാമ്യമുണ്ടെന്നും അതു ഒറ്റ ഭൂഖണ്ഡ സീമာത്തത്തിനു പിന്തുണയേകുന്നതാണെന്നും അദ്ദേഹം അഭിപ്രായപ്പെട്ടു. പ്രിൻസിപ്പൽ ഡോ. മാത്യു പോൾ ഊക്കൻ അധ്യക്ഷത വഹിച്ചു. ജന്തുശാസ്ത്ര വിഭാഗം അസിസ്റ്റന്റ് പ്രഫ. ഡോ. സി. ബി. ജോയി, ഐക്യ എസി കോ-ഓർഡിനേറ്റർ ഡോ. പി.പി. റോബിൻ സൺ, പ്രോഗ്രാം കോ-ഓർഡിനേറ്റർ ഡോ. എൻ. ജെ. മഞ്ജു, ക്ലബ് കോ-ഓർഡിനേറ്ററും ബോട്ടണി വിഭാഗം മേധാവിയുമായ ഡോ. ടെസി പോൾ എന്നിവർ പ്രസംഗിച്ചു. തൃശ്ശൂർ ഗവേഷണ വിദ്യാർത്ഥി വി.പി. സുധീന്റെ നേതൃത്വത്തിൽ ചിലന്തി നിരീക്ഷണവും നടന്നു.

ക്രൈസ്റ്റ് കോളജിൽ പരിസ്ഥിതി ക്യാമ്പ് സംഘടിപ്പിച്ചു

ഇരിങ്ങാലക്കുട: ക്രൈസ്റ്റ് കോളജിൽ ജൈവവൈവിധ്യ ക്ലബിന്റെ ആഭിമുഖ്യത്തിൽ സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ ധനസഹായത്തോടെ രണ്ടുദിവസം നീണ്ടുനിന്ന പരിസ്ഥിതി ക്യാമ്പ് സംഘടിപ്പിച്ചു. പരിസ്ഥിതി വിദ്യാഭ്യാസ പ്രവർത്തനങ്ങളിൽ സജീവമായും ലക്ഷ്യമില്ലാത്തതും സ്വന്തമായും പ്രവർത്തിക്കുന്ന സന്നദ്ധ സംഘടനയായ ഫണ്ട്സ് ഓഫ് നേച്ചറിന്റെ സഹകരണത്തോടെയായിരുന്നു ക്യാമ്പ് സംഘടിപ്പിച്ചത്. സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ സീനിയർ പ്രോഗ്രാം കോ-ഓർഡിനേറ്റർ ഡോ. കെ.ജി. അജിത്കുമാർ മുഖ്യപ്രദർശനം നടത്തി. ജൈവവൈവിധ്യ സംരക്ഷണത്തിന്റെ നിയമവർദ്ധിപ്പിന്റെ പങ്കെടുക്കുന്നതിനും ബോധവ്യക്തമായി പ്രതിപാദിച്ചു. ഫണ്ട്സ് ഓഫ് നേച്ചറിന്റെ ചെയർമാൻ ഒ. ഹമീദ് അലി, സെക്രട്ടറി റഫീഖ് ബാബു, വൈൽഡ് ലൈഫ് ഫോട്ടോഗ്രാഫർ മിനി



ഇരിങ്ങാലക്കുട: ക്രൈസ്റ്റ് കോളജിൽ ജൈവവൈവിധ്യ ക്ലബിന്റെ ആഭിമുഖ്യത്തിൽ സംഘടിപ്പിച്ച പരിസ്ഥിതി ക്യാമ്പിൽ സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡിന്റെ സീനിയർ പ്രോഗ്രാം കോ-ഓർഡിനേറ്റർ ഡോ. കെ.ജി. അദ്ദേഹം, കേരള വനഗവേഷണ കേന്ദ്രത്തിലെ പ്രൊജക്ട് ഫെലോ കെ.സി. സൗമ്യ എന്നിവർ ക്ലബ്ബെടുത്തു. ഇവരുടെ നേതൃത്വത്തിൽ കമ്പസിലുള്ള ചിലന്തി നിരീക്ഷണവും പക്ഷി നിരീക്ഷണവും നടത്തി. ക്രൈസ്റ്റ് കോളജിലെ പരിസ്ഥിതി വിഭാഗം അസിസ്റ്റന്റ് പ്രഫ. ഡോ. എൻ. ജെ. മഞ്ജു, ജൈവവൈവിധ്യ ക്ലബിന്റെ കോ-ഓർഡിനേറ്ററും, ബോട്ടണി വിഭാഗം മേധാവിയുമായ ഡോ. പി. ടെസി പോൾ, വൈസ് പ്രിൻസിപ്പൽ ഡോ. പി.ടി. ജോയി, ജന്തുശാസ്ത്ര വിഭാഗം അസിസ്റ്റന്റ് പ്രഫ. ഡോ. സി. ബി. ജോയി എന്നിവരുടെ നേതൃത്വത്തിലാണു ക്യാമ്പ് സംഘടിപ്പിച്ചത്. കോളജിലെ വിവിധ വകുപ്പുകളിൽനിന്നുള്ള 50 ഓളം വിദ്യാർത്ഥികൾ ക്യാമ്പിൽ പങ്കെടുത്തു.

Campus Green Fest 2019

Nature camp and Invited talks



Participants of the programme



Audience

Media news regarding the programme

ജൈവവൈവിധ്യ ക്ലബ്ബ്

ഇരിങ്ങാലക്കുട ക്ലബ്ബ് കോളജിലെ ജൈവ വൈവിധ്യ ക്ലബ്ബിന്റെ നേതൃത്വത്തിൽ സംസ്ഥാന ജൈവ വൈവിധ്യ ബോർഡിന്റെ സഹകരണത്തോടെ 'ചിലന്തികളുടെ ലോകം' എന്ന വിഷയത്തിൽ പ്രഭാഷണം നടത്തി. ഡോ.എ.വി.സുധികുമാർ ഉദ്ഘാടനം ചെയ്തു. പ്രിൻസിപ്പൽ ഡോ.മാത്യുപോൾ ഊക്കൻ അധ്യക്ഷത വഹിച്ചു. പ്രഫ. ഡോ. സി.ബിജോയ്, ഡോ. റോബിൻസൺ, ഡോ. എൻ.ജെ. മഞ്ജു, ഡോ. ടെസി പോൾ എന്നിവർ പ്രസംഗിച്ചു. വി.പി. സുധിയുടെ നേതൃത്വത്തിൽ ചിലന്തി നിരീക്ഷണം നടന്നു.



CHRIST COLLEGE (AUTONOMOUS)

(Regn. No. 137/75; No.F.22-1/2015/AC.U.G.C.)

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From

The Principal,
Christ College (Autonomous),
Irinjalakuda, Thrissur - 680125

To

Mr. Anil Kumar V.,
Senior Administrative Officer,
Member Secretary (i/c),
Kerala State Biodiversity Board,
1 - 14, Jai Nagar, Medical College P O,
Thiruvananthapuram - 695 011, Kerala.

Sir,

Sub: Biodiversity Awareness Programme - forwarding the report of activities

Ref: No: 1795/ A4/2018/KSBB dated 12-12-2018

I hereby forwarding the report of activities undertaken by our college in connection with the Biodiversity awareness Programme in the month of February 2019. Please find enclosed the same.

Irinjalakuda,

08-03-2019

Thanking you

Yours Sincerely

Principal

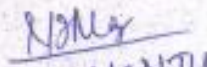
Enclosures:

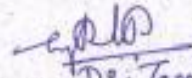
1. Report of the programme
2. Brochure of the programme
3. Statement of Expenditure
4. Utilization certificate

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
Nature Camp and Invited Talks
14 – 16 February 2019
Organized by Biodiversity Club
In collaboration with NGO – Friends of Nature
Funded by KSBB, Thiruvananthapuram

UTILIZATION CERTIFICATE

Certified that out of Rs. 15000/- sanctioned by Kerala State Biodiversity Board wide Order No. 1795/ A4/2018/KSBB dated 12-12-2018 towards financial assistance for the conduct of Awareness Programmes on Biodiversity and Conservation an amount of Rs 15092/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. NIL at the close of as shown in the Statement of Expenditure annexed.


DR. MANJU N.J.
Name & Signature
of Programme
Co-ordinator


DR. Tasey Paul P
Name & Signature
of Co-ordinator, Biodiversity club


DR. MATHEW PAUL UKKEN
Name & Signature
of Head of the Institution

Office Seal with date



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Statement of Expenditure

Receipts	Amount Sanctioned (Rs.)	Payments	Balance (Rs.)
Honorarium		5500	
Organizing expenses		3835	
Publicity materials		1468	
Travel expenses		380	
Refreshments		3909	
Grand Total	15000	15092	NIL

Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSBB wide Order No: 1795/ A4/2018/KSBB dated 12-12-2018.

Manju NT
DR. MANJU NT

Name & Signature
of Programme
Co-ordinator

Dr. Tony Paul P.
Dr. Tony Paul P.

Name & Signature
of Co-ordinator, Biodiversity club

Mathew Paul Ukken
DR. MATHEW PAUL UKKEN
PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA
of Head of the Institution

Office Seal with date



CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA
Nature Camp and Invited Talks
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Statement of Expenditure

Sl No.	Item	Amount Sanctioned (Rs)	Expenditure (Rs)
Honorarium			
1.	Honorarium to Mr. Ajithkumar O. N.		1000
2.	Honorarium to Dr. Sudhikumar A. V.		1000
3.	Honorarium to Mr. Sudhin P. P.		500
4.	Honorarium to Ms. Mini Anto		1000
5.	Honorarium to Ms. Soumya K. C.		1000
6.	Honorarium to Mr. Hamid Ali O.		1000
	Total		5500
Organizing expenses			
1.	Memento		500
2.	Setting charges for certificates		200
3.	Printing of certificates		700
4.	Setting charges for photographs		500
5.	Printing of photographs		160
6.	Cutting		50
7.	Petrol		100
8.	Auto charges		250
9.	Petrol		100
10.	Auto charges		70
11.	Diesel charges		500
12.	Auto charges		70
13.	File		120
14.	File and pen		155
15.	Paper A4		230
16.	Flower		120
17.	CD cover		10
	Total		3835
Publicity materials			
1.	Banner		538
2.	Printing of brochure		430
3.	Cutting of brochure		100
4.	Designing of brochure		400
	Total		1468
Travel expense			
	TA to Ms. Mini Anto		100
	TA to Ms. Soumya K. C.		176
	TA to Mr. Antony Francis		104
	Total		380

Refreshments			
1.	Tea and snacks, Lime juice		104
2.	Tea and snacks		840
3.	Break fast		1530
4.	Tea, snacks, lime juice		55
5.	Lunch		630
6.	Tea and snacks		750
	Total		3909
	Total	15000	15092

Nahly
 Programme Coordinator

e.p.d.
 Dr. Jessy Paul P.
 Coordinator, Biodiversity Club

J. K. S. P.
 Principal

NATURE CAMP & INVITED TALKS (14th - 16th FEBRUARY) 2019 – REPORT



FRIENDS OF NATURE

Organized by: Biodiversity Club

Sponsored by: *Kerala State Biodiversity Board (KSBB), Thiruvananthapuram*

The Biodiversity club of Christ College (Autonomous), Irinjalakuda had organized Nature Camp and Invited Talks on February 14, 15 and 16 which was funded by Kerala State Biodiversity Board, Thiruvananthapuram. Christ College (Autonomous), Irinjalakuda conducted the following programmes (Copy of brochure attached as enclosure).

1. Invited Talk on "*Biodiversity Conservation*" by Dr. K. G. Ajit Kumar (Senior Programme Coordinator, KSBB) on 16th February 2019
2. Invited Talk on "*Impact of flood on Biodiversity*" by Sri. Ajithkumar O.N. (Resource Person, KSBB) on 14th February 2019
3. Nature Camp (*Campus Green Fest 2019*) on 15th & 16th February, 2019
In collaboration with NGO – 'Friends of Nature'
Technical sessions on "Our Wild Wealth, Feathered Friends, Flying Flowers & World of Webbers"

PROGRAMME COMMITTEE

Dr. Mathew Paul Ulken (*Principal*)

Rev. Fr. Joy P. T. (*Vice Principal & Assistant Professor, Dept. of BPE
and Joint Coordinator, Biodiversity Club*)

Programme Coordinator

Dr. Manju N. J. (*Assistant Professor, Dept. of Geology & Environmental Science
and Joint Coordinator, Biodiversity Club*)

Organising Secretaries

Dr. Tessa Paul P. (*HOD & Associate Professor, Dept. of Botany
and Coordinator, Biodiversity Club*)

Dr. Bijoy C (*Assistant Professor, Dept. of Zoology, & Joint Coordinator, Biodiversity Club*)

Day 1

14th February 2019 (Thursday)

INVITED TALK

Venue: College Seminar Hall

Date: 14th February 2019

Time: 9.30 a.m. – 11.45 A.m.

Sri. Ajith Kumar O.N. Resource person, Kerala State Biodiversity Board, Thiruvananthapuram gave an invited talk on "*Impact of flood on Biodiversity*". Dr. Tessy Paul P., HOD and Associate Professor, Department of Botany and Coordinator, Biodiversity Club welcomed the gathering. The function was presided over by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. Dr. Manju N.J., Asst. Professor, Department of Geology and Environmental Science and Coordinator, Biodiversity club, gave vote of thanks. The resource person, Mr. O. N. Ajithkumar mentioned it as the duty of humans to conserve the biodiversity otherwise their existence will be affected. According to him as an impact of the recent flood in Kerala some of the organisms have been relocated to new places. He also stressed the necessity for maintaining Biodiversity register.

Day 2

15th February 2019 (Friday)

Nature camp in collaboration with 'Friends of Nature', an NGO

Nature Camp Registration : 1.00 p.m. – 1.30 p.m. (at Seminar Hall, Christ College)

The nature camp was inaugurated by Dr. Mathew Paul Ukken, Principal, Christ College (Autonomous), Irinjalakuda. Dr. Robinson Ponminissery, IQAC Coordinatr, gave felicitation. Dr. Bijoy C., Assistant Professor, Department of Zoology and Joint Coordinator, Biodiversity Club welcomed the gathering. Dr. Manju N.J., Asst. Professor, Department of Geology and Environmental Science, Programme coordinator and Joint Coordinator, Biodiversity club, gave vote of thanks. The programme started at 1.30 p.m and around 60 students from different departments participated in the camp. The inaugural session is followed by the invited talk on "*World of Webbers*" by **Dr. Sudhikumar A.V.** Assistant Professor, Department of Zoology, Christ College, Irinjalakuda and the Best Researcher awardee of 2015 instituted by KSBB. Dr. Sudhikumar highlighted that around 300 species

Sponsored by KSBB

of spiders are reported in Kerala and in which none are poisonous. In the campus of Christ College itself around 120 sp. could be documented. Recently he reported one new species from Wayanad Wildlife Sanctuary which shows similarity with those seen in Australia. He remarked that this observation is supporting the theory of single continent. The out door activity of the Spider watching programme, Christ College Campus was done with the help of Mr. Sudhin T.P. Research Scholar, Department of Zoology, Christ College, Irinjalakuda.

Day 3

16th February 2019 (Saturday)

Nature camp in collaboration with 'Friends of Nature', an NGO

Dr. K. G. Ajithkumar, Senior Programme Coordinator, KSBB was the Chief Guest of the programme. He delivered a talk on Biodiversity conservation. He specified the legal aspects on the conservation of biodiversity and the role of KSBB in conservation and management. Mr. O. Hamidali, Chairman, Friends of Nature, Mr. Rafeeq Babu, Secretary, FoN, Ms. Mini Anto, Wildlife Photographer and Ms. K. C. Soumya, Project Fellow, KFRI also spoke on the occasion. Bird watching programme and interactive sessions were also part of the camp.

NJL
Dr. MANJU N.J.
Programme Coordinator

SPD
Dr. Terry Paul P
Coordinator
Biodiversity Club