



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:- christcollegeijk@gmail.com Web : www.christcollegeijk.edu.in

No. 103/ KSCSTE /2018-19

28-02-2019

From

The Principal

To

Dr. P. Harinarayanan,
The Cordinator,
Wetland Technical Unit,
Kerala State Council for Science, Technology and Environment (KSCSTE),
Sasthra Bhavan, Pattom,
Thiruvananthapuram - 4

Sub: Christ College (Autonomous), Irinjalakuda – World Wetland Day
Celebrations 2019 - Report to KSCSTE, Thiruvananthapuram, Reg.
Ref: No. KSCSTE / 2281/2018-WTU dated 18/01/2019

Sir,

Herewith please find the report of activities of the “*World Wetland Day Celebrations, 2019*” undertaken by our College on 2nd February, 2019.

Thanking you,

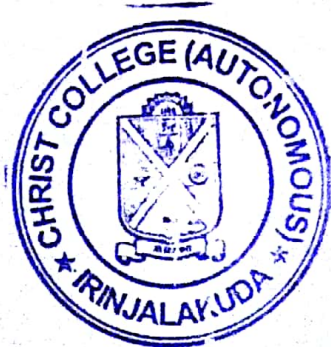
Yours faithfully,


PRINCIPAL

Enclosures:

1. Report of the programme (1 day, 2nd February, 2019) in connection with the World Wetland Day, 2019
2. Photographs of the programme
3. Paper Reports of the programme
4. Statement of Expenditure
5. Utilization Certificate
6. Brochure of the programme on 2nd February, 2019
7. Copy of the Certificate given to the participants
8. Copy of the Electronic Clearing Service Facility for receiving payments

Tpp/world.env.day



World Wetland day celebrations 2019 Christ College (Autonomous), Irinjalakuda



On Field Para-Taxonomy Workshop on "Faunal Diversity Documentation on Thommana Kole Wetlands"

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




Co-ordinator of the Programme

Dr. Bijoy C. 



Principal

Dr. Mathew Paul Ukken


PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA



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, Kadupissery, Thommana.

Christ College (Autonomous), Irinjalakuda conducted a one day on-field Para-Taxonomy Workshop on
“Faunal Diversity Documentaton 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

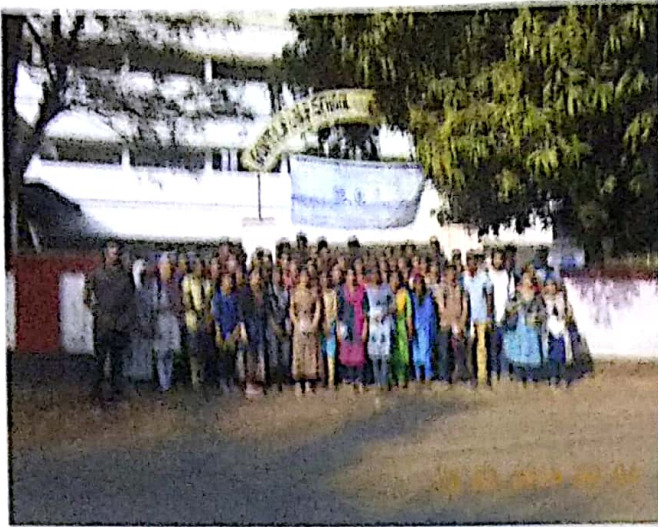
Birds	
1	Whiskered tern
2	Wire tailed swallow
3	Purple swamp hen
4	Bronze winged jacana
5	Red wattled lapwing
6	Oriental darter
7	Dusky crag martin
8	Pheasant tailed jacana
9	Pied kingfisher
10	Blue tailed bee-eater
11	Purple heron
12	Grey heron
13	Pond heron
14	Little egret
15	Barn swallow
16	Little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



Field documentation of fishes with Dr. C. P. Shaji



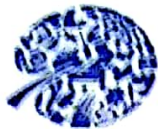
Invited talk By Mr. Manoj Karingamadathil



Presertation of certificates by Dr. Tessy Paul

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

On field Para-Taxonomy Workshop on
"FAUNAL DIVERSITY DOCUMENTATION OF THOMMANA KOLE WETLANDS"
As part of 'World Wetland Day' celebrations 2019



On 2nd February 2019 @ Thommana Kole Wetlands & G. U. P. School, Kaduppissery, Thommana

Resource Persons: Mr. C. P. Shaji, Mr. Sandeep Das, Mr. Divin Murukesh M. & Mr. Manoj Karingamadathil

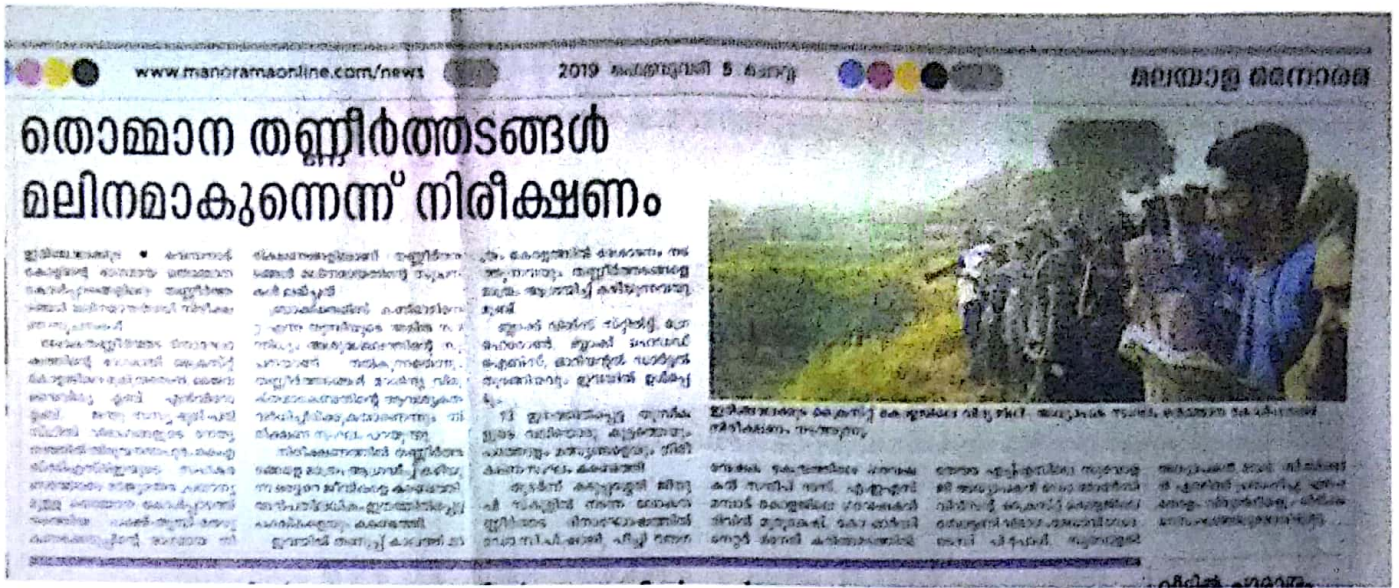
Sessions on birding, fish identification, dragon & damsel watching

Organized by: Bhoomithrasena, Biodiversity Club & Enviro Club

In association with: Dept. of Zoology, Dept. of Geology & Environmental Science and Dept. of Botany
Sponsored by: Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram

Banner of the Programme

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



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

Kerala State Council for Science, Technology and Environment
World Wetland Day -2019
Statement of Expenditure

Programme: World Wetland Day Celebrations 2019

Date: 02-02-2019

Venue: Thommanna Kole wetlands & G.V.P. School, Kaduppiyey, Thommanna

Organized by: Christ College (Autonomous), Irinjalakuda

Receipts	Amount	Payments	Amount (Rs.)
1. Amount sanctioned from KSCSTE (to be received)		1. Honorarium	6500
2.		2. organizing Expenses	4611
3.		3. Publicity material	1997
		4. Travel Expenses	3924
		5. Refreshments	4580
Total	<u>20,000/-</u>	Total	<u>21612/-</u>

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 KSCSTE vide Council Order No. KSCSTE/2281/2018, dated 18/01/2019
- WTU

Dr. Bijo C
Name & Signature
of Co-ordinator

Dr. Mathew Paul Ukken
Name & Signature
of Head of the Institution

For TIJ & ASSOCIATES
Chartered Accountants
FRN - 015443s

Joseph P. P. P. P. P.
Name & Signature
of Chartered Accountant

PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA



Office Seal with date



Kerala State Council for Science, Technology and Environment

World Wetland Day -2019

UTILIZATION CERTIFICATE

Certified that out of Rs. ~~20,000/-~~ sanctioned by Kerala State Council for Science, Technology and Environment vide Council Order No. ~~KSCSTE/2281/2018~~ dated ~~18/01/2019~~ towards financial assistance for the conduct of ~~World Wetland Day Celebrations 2019~~ ^{WTD}....., an amount of Rs. ~~20,000/-~~ was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. ~~NIL~~ at the close of ~~Rs. 2.16.12/-~~ as shown in the Statement of Expenditure annexed.

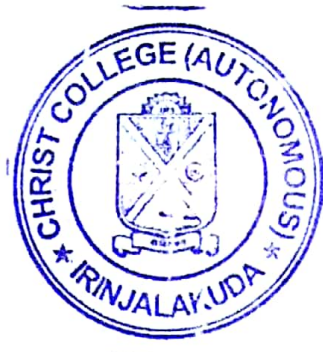
D.J. Biju C *[Signature]*
Name & Signature
of Co-ordinator

[Signature]
Dr. Mathew Paul Ukken
Name & Signature
of Head of the Institution
PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA

For T I J & ASSOCIATES
Chartered Accountants
FRN - 015483s
[Signature]
Name & Signature
of Chartered Accountant (Proprietor)
M.No. 200142
28/2/19



Office Seal with date



ORGANIZING COMMITTEE

Principal: Dr. Mathew Paul Ukken

Programme Coordinator: Dr. Bijoy C

(Assistant Professor, Dept. of Zoology & Joint Co-ordinator,
Bhoomithrasena, Biodiversity club & Enviro Club)

Organising Secretaries

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

Dr. Tessa 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 & Enviro Club)

For further details:

Dr. Bijoy C. : Mob: 9895551003, Email: drbijoyc@gmail.com

Dr. Tessa Paul P. : Mob: 7558898955, Email: tessyofnt@gmail.com

Dr. Manju N.J. : Mob: 9847939111, Email: manjunj78@gmail.com



**On-field Para-Taxonomy Workshop on
'Faunal Diversity Documentation of Thommana Kole Wetlands'**



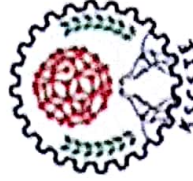
**As part of World Wetland Day celebrations 2019
2nd February 2019**

Organised by

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

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

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



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

ABOUT THE COLLEGE

Christ College was started in the year 1956 by the Devamatha province of the Carmelites of Mary Immaculate (CMI). Christ College has been affiliated to University of Calicut and re-accredited by NAAC with 'A' grade and achieved autonomous status in 2015. Christ College offers an ideal vision of education that is aware of and responsive to the challenges of the nation's present situation.

The College is in the forefront of all activities to protect the environment and conserve an eco-friendly campus. The afforestation programmes conducted in the college campus is found to augment ground water recharge during rainy season by increasing water seepage through leaf litter. Rainwater harvesting is also done in the campus premises. The College has been honoured by awarding the Kerala State Energy Conservation Award in 2011, Maritha Campus Award instituted by Kerala Biodiversity Board for the year 2011-12, "Green Campus Award" for the year 2014 instituted by University of Calicut, Best Biodiversity Club Award by the Kerala State Biodiversity Board for the year 2014 and the Malayala Manorama Puthully Puraskaram for the year 2016 for the keen interest in campus greening and conservation of energy.

ABOUT THE WORKSHOP

This Para-Taxonomy workshop focuses on creating awareness among students about the diverse faunal groups present in Kole wetland ecosystems. The Kole lands are the part of Vembanaad-Kol and it is one of the declared Ramsar site of India (Ramsar site no. 1214) by the Ramsar Convention and got international importance. It will remind students about the emerging wetland issues and to encourage actions for the protection and conservation of wetlands. The workshop thrives on the significance of environmental monitoring in educating public about environmental conditions and in taking responsible decisions regarding environment issues. The workshop will help the students to get training for the documentation and identification of the wetland fauna with the assistance of experts there by evaluating the diversity of the unique ecosystem of the state.

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

PROGRAMME 02-02-2019 (Saturday)

Registration : 6.15 a.m. – 6.30 a.m. (at Christ College)
Travel time : 6.30 a.m. – 7.00 a.m.
Inaugural session : 7.00 a.m. – 7.15 a.m. (at GUP School, Kadappasseray)

Technical session 1 : 7.15 a.m. – 7.45 a.m.

Invited talk: 'Bird Diversity and Conservation in wetlands of Kerala'

Mr. Sandeep Das, Research Scholar, Forest Ecology and Biodiversity Conservation Division, Kerala Forest Research Institute, Peechi.

Documentation session 1 : 7.45 a.m. – 9.30 a.m. (Striving at Thommana Kole wetlands)

BREAK FAST : 9.30 a.m. – 10.00 a.m.

Technical session 2 : 10.00 a.m. – 10.45 a.m.

Invited talk: 'Dragons and Demasels of Wetlands- Understanding the life of Odemates'

Mr. Divya Marukesh M., PhD Fellow at Centre for Conservation Ecology,

Department of Zoology, MES Mampal college, Malappuram Dist.

Documentation Session 2 : 10.45 a.m. – 12.30 p.m. (Dragonfly and damselfly watching)

LUNCH BREAK : 12.30 p.m. – 1.00 p.m.

Technical session 3 : 1.00 p.m. – 1.30 p.m.

Invited talk: 'Ichthyological exploration in Thommana Wetlands'

Mr. C. P. Saju, Conservation Biologist, Malabar Natural History Society, Calicut.

Documentation Session 3 : 1.30 p.m. – 3.00 p.m. (Fish identification)

Technical session 4 : 3.00 p.m. – 3.30 p.m.

Invited talk: 'Role of Citizens in Biodiversity Documentation and conservation in Kole wetlands'

Mr. Manoj Varungamathil, Coordinator of Kole Studies, Children science collective group, Thrissur.

Closing ceremony : 3.30 p.m. – 4.00 p.m.

Venue:

Thommana Kole wetlands and GUP School, Kadappasseray, Thommana

Dr. Sissy C

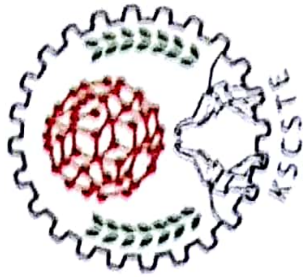
Programme Co-ordinator

Dr. Mathew Sreedharan

Coordinator



Bhoomithrasena, Biodiversity Club and Enviro club
organises
WORLD WETLAND DAY CELEBRATIONS 2019



Certificate

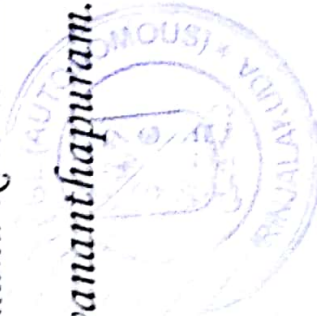
This is to certify that Prof./Dr./Mrs./Ms.....
delivered an invited talk/worked as an organiser in the On-field Para-Taxonomy
'Workshop on 'Faunal Diversity Documentation of Thommana Kofe Wetlands'
on 2nd February 2019 at Thommana kofe wetlands, part of Vembanad-Kol, Thrissur Dist.
sponsored by KSCSTE, Thiruvananthapuram.


Dr. Bijoy C.

Programme Coordinator



Dr. Mathew Paul Ukken
Principal



ELECTRONIC CLEARING SERVICE FACILITY FOR RECEIVING PAYMENTS

Details of Account Holder

Name of the Institution/Person	CHRIST COLLEGE, IRINJALAKUDA
Contact Address	Principal, Christ College Irinjalakuda
Telephone No./Fax No.	0480-2825258
Email ID of the DIR/REG/AO/FO	Christcollegijk@gmail.com

Bank Account Details

Institution/ Individual Account Name (As per Bank record)	PRINCIPAL CHRIST COLLEGE, IRINJALAKUDA
Account No. (SB/CC)	57070060725
IFSC Code	SBIN0070790
Branch Name	PBB, IRINJALAKUDA
Branch Address	State Bank of India Irinjalakuda
MICR No.	680002965

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


Dr. Bijoy C.
Name, Address & Signature of the
Coordinator


Dr. Mathew Paul Ukken
Name, Address & Signature of the
Competent Authority (DIR/REG/AO/FO)

PRINCIPAL
CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA

Date: 26-2-2019

Institution Seal

