

21-12-2017 (Thursday)

Technical Session 4

09.30 am - 11.00 am

Topic: Diversity and vectorial capacity of mosquitoes

Chief Guest: **Dr. Anceesh E.M.**, Director, CDRL,
St. Joseph's College, Irinjalakuda

11.00 am - 11.15 am: Tea break

Paper presentation Session 2

11.15 am - 12.30 pm

12.30 pm - 01.30 pm: Lunch break

Technical Session 5

01.30 pm - 02.30 pm

Topic: The new taxonomy - the paradigm shift and recent turbulence in describing species

Chief Guest: **Dr. Ramachandran Kotharambath**,
Central University of Kerala

02.30 pm - 02.45 pm: Tea break

02.45 pm: Valedictory function

Chief Guest: **Dr. Ramachandran Kotharambath**,
Central University of Kerala

03.30 pm: National Anthem

*Until you know what grows and lives in your surroundings,
do not recognize its position in the biosphere, you can neither
exploit nor conserve those biological resources properly?*

IMPORTANT DATES

December 08, 2017: Last date of Abstract submission

December 10, 2017: Last date of acceptance and communication

December 20, 2017: Last date for submission of full length paper

December 20 & 21, 2017: National Seminar

ORGANIZING COMMITTEE

Patron:

Dr. Mathew Paul Ukken
Principal-in-Charge

Coordinator:

Dr. Pius K. Jacob
HOD and Associate Professor

Convener:

Dr. Sudhikumar A. V., Assistant Professor

Members:

Dr. Joshi C. O., Associate Professor
Dr. Leyon Varghese, Assistant Professor
Dr. Abhilash Peter, Assistant Professor
Dr. Bijoy C., Assistant Professor
Dr. Binu Ramachandran, Assistant Professor

Communication and Contact:

Dr. Abhilash Peter
Organizing Secretary,
Department of Zoology, Christ College,
Irinjalakuda, Kerala - 680 125
E mail: christzoology@gmail.com
Mob: 9747018791



NATIONAL SEMINAR

ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY



Organized by:

**DEPARTMENT OF ZOOLOGY,
CHRIST COLLEGE (AUTONOMOUS),
IRINJALAKUDA, KERALA - 680 125**

20-21 DECEMBER 2017

Sponsored by:



**Kerala State Council for Science, Technology and
Environment (KSCSTE)**



CHRIST COLLEGE, IRINJALAKUDA (AUTONOMOUS)

Christ College, Irinjalakuda is a premier educational institution established in 1956. Ours is an ecofriendly campus which has been honoured by the Government of Kerala by awarding the 'Energy Conservation Award' in 2011, 'Biodiversity Award' in 2012 and recently 'Green Campus Award' by University of Calicut. The College is affiliated to University of Calicut and reaccredited with 'A' grade by NAAC. The college offers 20 degree, 14 Masters and 6 Ph.D. programmes in various disciplines. The campus is vibrant with teaching and research activities. Christ College is ranked as the No. 1 College in Kerala by MHRD.

DEPARTMENT OF ZOOLOGY

Since its inception in 1957, the Department has been a centre of excellence in teaching and research. Nineteen research scholars of the department were awarded with Ph.D. degree in diverse fields, and currently 19 scholars are pursuing research. We have 90 publications in National and International journals with ample citation, and presented 80 papers in seminars/symposia in India and abroad and authored ten book chapters. The faculty members have attracted external funding to the tune of Rs. 1.70 crores from various agencies like UGC, MoEF, KSCSTE, KRPLLD, CDS etc. The alumni of Zoology department serve as researchers, faculty members, doctoral fellows in Universities, institutions, biopharmaceutical companies, scientific technical personnel, administrators etc in India and abroad. The Department is celebrating its diamond jubilee this year by organizing this national seminar as a fitting tribute.

ABOUT THE SEMINAR

By the end of the 18th century, the estimated number of species on Earth was about one million. In the 250 years of scientific research since Linnaeus, we have discovered and named approximately 1.8 million species but no central authority exists as of yet. At this rate, to identify 20 million species would require 2500 years of taxonomic work. To understand anything in science, things need to be named in a way that is understood universally and important steps must be taken to further Linnaeus' legacy and to adapt to today's

SUB THEMES

Faunal documentation.

Taxonomy and biodiversity conservation.

Molecular approaches in animal taxonomy.

Taxonomy of major and minor groups.

Impediments in animal taxonomy.

Animal taxonomy and society.

Venue: New Seminar Hall, Christ College, Irinjalakuda

PROGRAMME

20-12-2017 (Wednesday)

09.30 am: Registration

10.00 am: Inauguration

Inaugural Address:

Dr. K. K. Joshi,

Head & Principal Scientist,

Marine Biodiversity Division, CMFRI, Kochi, Kerala.

10.45 am - 11.00 am: Tea break

Technical Session 1

11.00 am - 12.30 pm

Keynote address: Marine Ichthyofaunal diversity of India

Dr. K. K. Joshi, CMFRI

12.30 pm - 01.30 pm: Lunch break

01.30 pm - 03.00 pm

Technical Session 2

Talk: Insect pest diversity in plantation forestry

Dr. John Prasanth Jacob, Scientist F, IFGTB, Coimbatore

03.00 pm - 03.15 pm: Tea break

03.15 pm - 04.15 pm

Technical Session 3

Talk: Classical taxonomy - relevance in biodiversity documentation

Dr. P.M. Sureshan, Scientist D, ZSI, Calicut

Paper presentation Session 1



9/4

**RESEARCH AND POSTGRADUATE DEPARTMENT OF ZOOLOGY,
CHRIST COLLEGE, IRINJALAKUDA- 680125**

REPORT

National seminar- **“Faunal diversity and recent trends in animal taxonomy”** conducted on 20 and 21 of December 2017 at Seminar Hall, Christ College, Irinjalakuda.

Programme on 20/12/2017

The seminar was inaugurated by Dr. K.K. Joshi, Head and Principal Scientist, Marine Biodiversity Division, CMFRI, Kochi. The inaugural session was presided over by Fr. Jacob Njerinjampilly C.M.I, Manager, Christ College, Irinjalakuda. Principal-in - charge, Dr. Mathew Paul Ukken gave the message. The gathering was welcomed by Dr. Pius K. Jacob, Head, Dept. of Zoology.

After inaugural session, the first technical session began by 11.00 am with the keynote address by Dr. K.K Joshi, on **“Marine Ichthyofaunal diversity of India”**. This session was chaired by Associate Professor, Dr. V.F. Paul (Retd.).

After lunch, the second session (2.00-3.00 p.m.) of the day began with the talk by Dr. John Prasanth Jacob, Scientist F, IFGTB Coimbatore, on **“Insect pest diversity in plantation forestry”**. This session was chaired by Dr. Balu T Kuzhuveli, Retd. Associate Professor, Dept. of Zoology, Christ College, Irinjalakuda. Dr. P.M. Sureshan Scientist D, ZSI Calicut gave a talk on **“Classical taxonomy-relevance in biodiversity documentation”** during the third session of the day (3.15-4.15pm). This session was chaired by Dr. Pius K. Jacob, Head of the dept. of Zoology. First session of the paper presentation started at 4.15 pm and ended at 5.15 pm. This session was chaired by Dr. Balu T. Kuzhuveli, Retd. Associate Professor, Dept. of Zoology, and Dr. Tessy Paul P, Associate Professor, Dept. of Botany, Christ College, Irinjalakuda.

Programme on 21/12/2017

The fourth technical session (9:30 am to 11:00 am) of the seminar started with the talk by Dr. Aneesh E. M., Director. CDRL, St. Joseph's college, Irinjalakuda on **“Diversity and vectorial capacity of mosquitoes”** which was chaired by Dr. C. O. Joshi, Associate Professor, Christ College, Irinjalakuda.

The second session of the paper presentation started at 11:15 am and ended at 1:00 pm which was chaired by Dr. Balu T Kuzhuveli, Retd. Associate Professor, Dept. of Zoology, and Dr. Tessy Paul P, Associate Professor, Dept. of Botany, Christ College, Irinjalakuda.

There were a total of 23 presentations of students, research scholars and young faculty from various colleges of South India. Best presentation award was won by Ranjini Rajan N., Research scholar, Dept. of Zoology, Government College, Kasaragod.

The last technical session of the seminar (1.30-2.30 p.m.) started with the talk by Dr. Ramachandran Kotharambath, Assistant Professor, Central University of Kerala, on "**The new Taxonomy-The paradigm shift and recent turbulence in describing species**". The valedictory function was inaugurated by the chief guest, Dr. Ramachandran Kotharambath, which was presided over by Principal, Dr. Mathew Paul Ukken. Summing up of the presentations was done by Dr. Balu T. Kuzhivelil and the **Best presentation award** was declared by Dr. Tëssy Paul P. The seminar came to a happy end at 3.30p.m with National anthem.

SUMMARY

- There were a total of 116 participants.
- There were five invited talks and 31 original research papers.
- An oral presentation contest was organized and the best presenter was awarded with a certificate of merit and a cash award of Rs. 3000/-
- India, particularly the state of Kerala is rich in faunal diversity; many species are yet to be identified and more research and funding are required in this area.
- Application of molecular tools in taxonomic research is the need of the time. Studies in this direction are to be supported.
- Concerns were raised about doing taxonomy without voucher specimens and emphasized the need for building up a flexible approach for describing species.
- Highlighted the need for exploring botanical derivatives as a powerful weapon in preventing deadly transmission of vector borne diseases.
- Stressed the importance of integrative taxonomy; different novel tools should supplement classical taxonomy instead of replacing it.
- Emphasized the advantage of insect feeding resistance thereby enhancing crop productivity and management of pest and diseases.
- Highlighted the need for implementation of reference point and notification of massive reserves for protection and conservation of marine and coastal biodiversity.

Programme: National Seminar entitled "Faunal diversity and recent trends in animal taxonomy"

Date:20/12/2017 to 21/12/2017 . **Venue:** Seminar Hall, Christ College, Irinjalakuda.

Organized by: Dept. of zoology, Christ College, Irinjalakuda.

List of resource persons

- 1. Dr. Joshi K.K,** Principal Scientist and Head, Marine Biodiversity Division,
C.M.F.R.I., Kochi
- 2. Dr. John Prasanth Jacob,** scientist F, IFGTB, Coimbatore.
- 3. Dr. P.M. Sureshan,** Scientist D, Zoological Survey of India, Calicut.
- 4. Dr. Aneesh E M, Director, CDRL,** St: Joseph College, Irinjalakuda.
- 5. Dr. Ramachandran Kotharambath,** Assistant Professor, Central University Of
Kerala, Kasaragod.

Programme: National Seminar entitled “Faunal diversity and recent trends in animal taxonomy”

Date:20/12/2017 to 21/12/2017 . **Venue:** Seminar Hall, Christ College, Irinjalakuda.

Organized by: Dept. of zoology, Christ College, Irinjalakuda.

List of resource persons

- 1. Dr. Joshi K.K,** Principal Scientist and Head, Marine Biodiversity Division,
C.M.F.R.I., Kochi
- 2. Dr. John Prasanth Jacob,** scientist F, IFGTB, Coimbatore.
- 3. Dr. P.M. Sureshan,** Scientist D, Zoological Survey of India, Calicut.
- 4. Dr. Aneesh E M, Director, CDRL,** St: Joseph College, Irinjalakuda.
- 5. Dr. Ramachandran Kotharambath,** Assistant Professor, Central University Of
Kerala, Kasaragod.

National Seminar on
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
Programme

DAY 1: 20-12-2017 (Wednesday)

- 09.30 am: Registration
- 09.55 am: Prayer (Bettina Benny)
- 10.00 am: **Inauguration Ceremony**
- Welcome - Dr. Pius K. Jacob, Head of the Department and Coordinator
 - Presidential address - Fr. Jacõb Njerinjampilly CMI, Manager
 - Principal's message - Dr. Mathew Paul Ukken
 - Lighting the lamp
 - Inaugural Address - Dr. K. K. Joshi, CMFRI
 - Vote of Thanks - Dr. Abhilash Peter, Organizing secretary
- 11.00 am: Tea break
- 11.15 am: Keynote address : Marine Ichthyofaunal diversity of India
Dr. K. K. Joshi, Head & Principal Scientist,
Marine Biodiversity Division, CMFRI, Kochi, Kerala
- 01.00 pm: Lunch break
- 02.00 pm: Talk: Insect pest diversity in plantation forestry
Dr. John Prasanth Jacob, Scientist F, IFGTB, Coimbatore
- 03.00 pm: Tea break
- 03.15 pm - 04.15: Classical taxonomy - relevance in biodiversity documentation
Dr. P.M. Sureshan, Scientist D, ZSI, Calicut.
- 04.15 pm - 05.15 pm: **Paper presentation Session I**

DAY 2: 21-12-2017 (Thursday)

09.30 am: Talk: Diversity and vectorial capacity of mosquitoes

Dr. Aneesh E.M., Director, CDRL, St. Joseph's College, Irinjalakuda

11.00 am: Tea break

11.15 am - 01.00: **Paper presentation Session II**

01.00 pm: Lunch break

01.30 pm: Talk: The new taxonomy - the paradigm shift and recent turbulence in describing species

Dr. Ramachandran Kotharambath, Central University of Kerala

03.30 pm: **Valedictory function**

Welcome	: Dr. Joshi C.O., Organizing committee member
Presidential address	: Dr. Mathew Paul Ukken, Principal-in-Charge
Address by Chief Guest	: Dr. Ramachandran Kotharambath
Summing up of the presentations	: Dr. Balu T. Kuzhivelil, Jury
Declaration of the ' Best Presentation Award '	: Dr. Tessy Paul, Jury
Prize distribution	: Dr. Ramachandran Kotharambath
Vote of Thanks	: Dr. Leyon Varghese, Organizing committee member

04.00 pm: National Anthem

National Seminar on
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
TIME SCHEDULE OF ORAL PRESENTATIONS

Time schedule of oral presentations on 20-12-2017

PAPER PRESENTATION SESSION I

Sl. No.	Time	OP No. and Title
1.	12.00-12.10	OP12 - Miriam Paul Sreeram et al. - Revision of the fishes of the family Lutjanidae (Pisces: Perciformes) of India
2.	12.10-12.20	OP09 - Krishnapriya & Binoy - Studies on soil arthropod diversity in a tropical deciduous forest, Thrissur district, Kerala
3.	12.20-12.30	OP11 - Maneesha & Joyce - A study of melanophore behaviour in an exotic and endemic fish
4.	12.30-12.40	OP28 - Thobias et al. - Taxonomy of fishes of the family Belonidae (Teleostei: Beloniformes)
5.	12.40-12.50	OP29 - Usha & Joyce - Bag morphology of commonly occurring bagworms in Kerala - a taxonomic tool
6.	12.50-01.00	OP31 - Vinaya & Binoy - Preliminary observations on the biodiversity of mangroves in Kerala region
7.	01.00-01.10	OP25 - Srinila & Sobha - A survey on species composition of the heronry in Thirunavaya and Kuttippuram of Malappuram district, Kerala with special reference to conservation strategies

Time schedule of oral presentations on 21-12-2017

PAPER PRESENTATION SESSION II

8.	10.30-10.40	OP02 - Brinesh - Studies on the cercarial fauna of a few wetland regions of Thrissur district, Kerala
9.	10.40-10.50	OP03 - Desny & Britto - Hatchery rearing of ornamental fish, <i>Poecilia reticulata</i> using different zooplankton live feeds
10.	10.50-11.00	OP06 - Greeshma & Kezia - A study on the avifauna of Adat kole wetland, Thrissur
11.	11.00-11.10	OP07 - Jilsy & Joyce - Morphometrics, wing venation and pattern used as a tool for taxonomic study of nymphalid butterflies
12.	11.10-11.20	OP13 - Mubasheera & Joyce - First report of <i>Lycanidae taxocoenosis</i> in monocropped areas of Malappuram, Kerala
13.	11.20-11.30	OP15 - Jimmy et al. - Diversity of spiders (Arachnida: Araneae) in tropical montane cloud forests of Eravikulam shola national park in Western Ghats


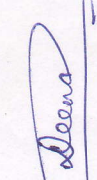

14.	11.30- 11.40	OP17 - Priya & Sebastian - Molecular phylogeny and genetic analysis of <i>Melanitis leda</i> using COI gene
15.	11.40- 11.50	OP18 - Ranjini & Ghosh - SEM analysis of morphological features of <i>Mylocherus viridanus</i> Fabricius (Coleoptera: Curculionidae)
16.	11.50- 12.00	OP19 - Reshma & Sudhikumar - Faunistic diversity of spiders in Chulannur peafowl sanctuary, Kerala
17.	12.00- 12.10	OP20 - Rukhsana & Sebastian - Genetic structure and molecular phylogeny analysis of <i>Meteoridea hutsoni</i> Nixon, a larval-pupal parasitoid of coconut black headed caterpillar, <i>Opisina arenosella</i> Walker
18.	12.10- 12.20	OP22 - Santhosh et al. - A survey on predatory mites (Acari: Prostigmata: Cheyletidae) inhabiting medicinal plants in north Kerala
19.	12.20- 12.30	OP24 - Sreedharan Namboodiri & Ghosh - Taxonomy and diversity of subfamily Lamiinae (Insecta: Coleoptera: Cerambycidae) of Kerala
20.	12.30- 12.40	OP23 - Sneha & Kakkassery - A preliminary study on diversity of insects inhabited in tree-holes at selected areas of Puthur panchayath, Thrissur district, Kerala
21.	12.40- 12.50	OP21 - Sanila & Vimala - Study of behavioural changes during sleep in some selected fishes
22.	12.50- 01.00	OP30 - Vandhana & Sajeev - Studies on the pest of lac insect host plants, <i>Flemingia semialata</i> and <i>Flemingia macrophylla</i> in Kerala
23.	01.00- 01.10	Late abstract - Roshni & Asha Devi - Observations on the community structure of mesozooplankton on a revisit in the seas during spring inter monsoon

Time schedule of oral presentations on 21-12-2017

PAPER PRESENTATION SESSION II

8.	10.40- 10.49	OP02 - Binish - Studies on the ceremonial fauna of a few wetland regions of Thrissur district, Kerala
9.	10.49- 10.58	OP03 - Deivy & Britto - Hatchery rearing of ornamental fish, <i>Poecilia reticulata</i> using different zooplankton live feeds
10.	10.58- 11.07	OP04 - Greesham & Karis - A study on the avifauna of Adai kole wetland, Thrissur
11.	11.07- 11.16	OP07 - Jay & Joyce - Morphometrics, wing venation and pattern used as a tool for taxonomic study of nymphalid butterflies
12.	11.16- 11.25	OP13 - Mahalingam & Joyce - First report of <i>Lycanidae indocincta</i> in an unreported area of Malappuram, Kerala
13.	11.25- 11.34	OP15 - Jomy et al. - Diversity of spiders (Arachnida: Araneae) in tropical monsoon cloud forests of Elassalam shola national park in Western Ghats



NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
1	Dona Thomas	PG student of M.Sc. Zoology	Sacred Heart college Thuvaa	150	
2	Trigo Francis	"	"	"	
3	Akhila Anilkumar	"	"	"	
4	Deena Rose Joseph	"	"	"	
5	Arundma Veni	"	"	"	
6	Niley Paully	"	"	"	






NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
7	JOSNA VICTORIA K' JOHNSON	Research Scholar	Kaithasath (H), Sanskrit College Road, P.O. Puzhuvathur 680551	250/-	
8	St Neethu. M.U'	Research Scholar.	Mannanthindycit, St. Thomas college Thrissur.	250/-	
9	Dr. V. Neetha.	Asst. Professor	Sacred Heart College Chalaky.	400/-	
10	Dr. Sairam Ramachandran	Asst. Professor Dept. of Zoology St. Xavier's, Vaikom College	Dept. of Zoology St. Xavier's College Vaikom.	400/-	
11	Usha. A.U'	Research Scholar Dept. of Zoology St. Thomas' college Thrissur	Dept. of Zoology St. Thomas' college (Autonomous) Thrissur	250/-	
12	VINAYA. K'	Research Scholar Dept. of Zoology St. Thomas College Thrissur	Dept. of Zoology St. Thomas' College. Thrissur	250/-	





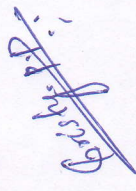

NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
13	FATHIMA-K	Research Scholar	Christ College	250	
14	Thomas. P. Antony	R.S	CMFRI, Kochi	250	
15	Aju. K. Raju	R.S	CMFRI, Kochi	250	
16	Sreekumar. K.M	"	"	250	
17	Divya. K.A ⁶⁵	"	"	250	
18	Varsha. M.S	"	"	250	



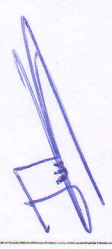

NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
19	Sethulakshmi.M	Research scholar	CMFRI, Kochi.	250	
20	Shihabudeen	Research scholar	KKTM Govt. College Pulut	250/-	
21	Shaun Paul- Adambukulam	Faculty	ST. THOMAS' COLLEGE THARISUR	400/-	
22	Prasad N.K.	Research scholar	KKTM Govt. College Pulut.	250/-	
23	Dr. Brinest R	Faculty	Sreekrishna College Ammuvayam	400/-	
24	Dr. Santhosh P.P.	Faculty	Sreekrishna College Ammuvayam	400/-	







NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
25	Gifty. C.T. ✓	1 st M.Sc. Zoology	D/o C.D. Thomas chittilappilly(H) Vellarabadi Thrissur Little Flower College Cunnayyood.	150	
26	Steffy Sunny. k.	1 st Msc Zoology	Little Flower College Cunnayyood.	150	
27	RINKU JOHNSON ✓	1 st MSc. Zoology	ST. THOMAS COLLEGE THRISSUR.	150	
28	GIRETTA JAMES ✓	I MSc. Zoology	SACRED HEART COLLEGE, THEVARA, KOCHI	150	
29	CHRISTY P.P.	I MSc. Zoology	"	150	
30	APARNA VASUDEVAN	"	"	150	

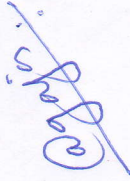



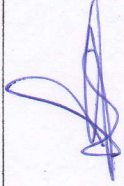

NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
31	Sanila. M.S. ✓	P.G student, 11 th MSc. Zoology	D/6 Subramanian. M.K, Mullekkad (H), Kakkad, 18km, St. Thomas college, TCR-	150.	
32	Selgeeth. K.K ✓	PG student	St. Thomas college Thiruvur	150	
33	Desmy Davis ✓	Pa. student	St. Thomas college Thiruvur	150	
34	Sneha. K.K ✓	Pa. student	St. Thomas College Thiruvur	150	
35	Jashin Antony ✓	Pa. student	st. Thomas college Thiruvur	150	
36	Shilpa. K.R ✓	PG. student MSc. Zoology	Sacred Heart College Thevara	150	

NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
37	Praveena P.S	Miss. Zoology	St. Aloysius college Ethimthi.	150	
38	Sreekha P.R	"	"	150	
39	Naseera	"	"	150	
40	Ann Juliet Louis	"	"	150	
41	Asha Mary Joseph	"	"	150	
42	Lissy T.J.	"	St. Joseph's college	150	

NATIONAL SEMINAR ON
 FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
43	Agaja P.A.	Msc Zoology	Vimala College	150	
44	Anjmol Joseph.	M.Sc Zoology	vimala college	150	
45	Roshny T.R.	MSc zoology	Vimala College	150	
46	Chithira .M.I.	Msc zoology	Vimala college	150	
47	Liny .K. Jose	Msc - Zoology	"	150	
48	Gincy .C. George	Msc. Zoology	"	150	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY






REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
49	ALISHA K.S	M.Sc. ZOOLOGY	VIMALA COLLEGE	150/-	<u>Alisha K.S</u>
50	VISMAYA.K.U	M.Sc. ZOOLOGY	GOVT. VICTORIA COLLEGE, PALAKKAD	150/-	<u>Vismaya</u>
51	Noorjasmine.T.N	M.Sc. Zoology	Govt. Victoria college Palakkad	150/-	<u>Noorj</u>
52	Sumitha M.S	M.Sc Zoology	Govt. Victoria college Palakkad	150/-	<u>Sumitha</u>
53	Sreenath K.R.	Scientist GMAF	EMFR	400/-	<u>Sreenath</u>
54	Usha Bhagirathan	Asst. Professor	Sree Kerala Varma College, Thekkissur	400/-	<u>Usha</u>

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY





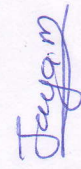
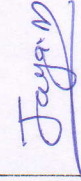
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
55	ARYA. A.P.	M.Sc. Zoology.	Govt. Victoria College.	150	
56	FASMIYA.N	Msc Zoology	Govt. Victoria college .. Palakkad,	150	
57	SNEHA.M	MSc Zoology	Govt. Victoria college Pulavakkal	150	
58	PRIYANKA.P.P	MSc Zoology	Govt. Victoria college Palakkad	150	
59	K.P. Meenakshi	M.S. Zoology))	
60	DR. DALE DOMINIC-A	Asst Professor.	St. Mary's college Thiruv	400	






NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY






REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
61	Dr. Honey Sebastian	Asst. Professor	Vimala College Thrissur	400/-	
62	Kavitha. P. A.	Student. Msc. Zoology.	St-Thomas college Thrissur.	150/-	
63	KRISHNAPRIYA. P. D.	Student Msc zoology	st Thomas' college Thrissur	150/-	
64	Dr. MONCEY VINCENT	Asst. Professor.	SH College, Thevara Kochi.	400/-	
65	Dr. Jaya. M	Asst. Professor	SKVC, Thrissur	400/-	
66	Dr. Aja. M	Scientist-		400/-	

NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
67	Sandra. Lishikun an.	Pg student ✓	L.F College Guruvayoor	150.	
68	Maniya K.A	P.G Student ✓	L.F College, Guruvayoor	150	
69	Josmi K.J	P.G Student ✓	L.F college, Guruvayoor	150	
70	SIMI XAVIER, P	Pg student ✓	L F college, Guruvayoor	150	
71	MANEESHA. C.M.	Pg student ✓	St Thomas', college, TST	150	<u>Maneesha</u>
72	Jilsy P.K ✓	Pg Student ✓	" "	150.	



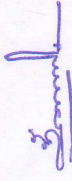


NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
73	RITHY. GI	M.Sc ZOOLOGY	GOVT. VICTORIA COLLEGE PALAKKAD	150/-	
74	ANJU. M	"	"	"	
75	KRIPAMOL	"	"	"	
76	Dr. Joye Sore	Asst. Prof. of Zoology	St. Thomas College Thressur	400	
77	Lekshmi Jayarishnan	Research Scholar	St. Joseph College Trinjalkuda	250	Lekshmi
78	Sheela Raphael	"	St. Thomas College Thressur	250	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY


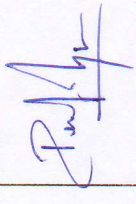




REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
79	Dr. Jisha Alex N	Assistant Professor	Little Flower College, Guruvayoor	400/-	
80	Smt. Swapana Jobny	"	"	400/-	
81	RAIN THOMAS	Asst. Professor	GOVT. VICTORIA COLLEGE PALAKKAD	400/-	
82	Dr. Nelkya Sathianathan	Asst. Professor	SN College Nattika	400/-	X
83	Nisha V.S	Asst Professor	SN College Nattika	400/-	
84	Arumma Sureshndran	Research Scholar	St. Thomas College	250/-	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY



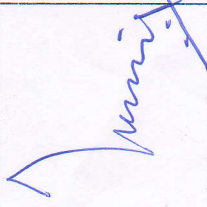



REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
85	SIK HASIVAN	Msc zoology	St. Aloysius college. Elthoruth.	150	
86	Panchami c.s	"	"	150	
87	ATHIRA .N	"	"	150	
88	Libina Sebastian	"	"	150	
89	Anna Mary Jose	"	"	150	
90	Nivedya P Pradeep	"	"	150	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY







REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
91	Resmi	Msc-Zoology	St. Joseph's college	150	
92	Srinila. K.T	Msc. Zoology	Farooq College.	150	
93	Dr. SUNIL KUMAR P		Asst. Professor - Sree Kumbha rasana college	400	
94	PADMA PRABHA .R	M.Sc-Zoology	Vimala college	150	
95	MADH. P. R	MSc-Zoology)	150	
96	Vishnupriya))	150	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY

REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
✓ 97	Dr. Sheenaya K.K	Asst. Professor and Head	Dept. of Zoology Sree Kerala Varma College Thirissur.	400	
✓ 98	Sreedharan Nambudiri M.P.	Research scholar	Dept. of Zoology Govt. College, Kasaragod	250	
✓ 99	Rajini Rajan	Research scholar	Department of Zoology Christ. College, Kasaragod	250	
✓ 100	Reshma R	P.G Student	Dep. of Zoology Christ. college, Iringalakkal	150	
✓ 101	Dr. Remya K.K	Asst. Professor	Dept. Zoology S.N. College Nethyke.	400/-	
✓ 102	Anoop Kumar AN	Research Scholar	Dept CDRL, Dept of Zoology. St. Joseph's College, IIR	250	

NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY


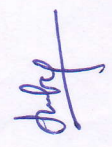


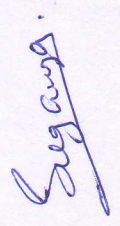

REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
✓ 103	Vandana Bhasathi CV	Pg Student	Vimala college Thrissur	150	Phy & P
✓ 104	Roshni V.R	Pg Student	Vimala college Thrissur	150	Phy & P
✓ 105	Greeshma C	Pg student	Vimala college, Thrissur	150	Phy & P
✓ 106	Lakshmi K.V.	Research Scholar	Christ College	250	Phy & P
✓ 107	Asha A.V	Research Scholar	Christ College	250	Phy & P
✓ 108	Praya Bhasakaran. k.p	Research scholar	University of calicut	250	Phy & P



NATIONAL SEMINAR ON

FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY

REGISTRATION

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
109	Ruthsana . k	Researcher	Dept of Zoology Mollemulam Buidlgy	250	
110	Mubasheera k	Research Scholar	Dept of Zoology St. Thomas College Thiruv	200	
111	Jimmy Paul	"	Dept. of Zoology Sacred heart College Thevare.	250	
112	Anila P. Asokan	I M.Sc. Zoology	Bharathiyar University Coimbatore	150	
113	Suganya P.	II Msc Zoology	"	150	
114	Darshi queers . p.	"	"	"	

**NATIONAL SEMINAR ON
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY
REGISTRATION**

Sl. No.	Name	Designation	Address	Reg. fees	Remarks
115	Rubi J	1st Msc zoology	Bharathiyar university coimbatore	150	
116	Irene Monica J	"	"	1	

**National Seminar on
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY**



December 20-21, 2017
Department of Zoology, Christ College (Autonomous)
Irinjalakuda, Kerala - 680 125



*This is to certify that Dr./Mr./Ms.
of.....*

has been awarded Best Presentation Award during KSCSTE sponsored National Seminar on "Faunal diversity and recent trends in animal taxonomy" organized by Department of Zoology, Christ College, Irinjalakuda, Kerala.

*Dr. Pius K. Jacob
Coordinator*

*Dr. Sudhikumar A. V.
Convener*

*Dr. Mathew Paul Ukken
Principal-in-Charge*

**National Seminar on
FAUNAL DIVERSITY AND RECENT TRENDS IN ANIMAL TAXONOMY**



December 20-21, 2017
Department of Zoology, Christ College (Autonomous)
Irinjalakuda, Kerala - 680 125

Certificate

This is to certify that Dr./Mr./Ms.
of.....
has participated in the Seminar. He/She has also presented a paper/ chaired / delivered an invited talk entitled
“
.....

.....” during this seminar.



Pius K. Jacob

Dr. Pius K. Jacob
Coordinator

Dr. Mathew Paul Ukken

Dr. Mathew Paul Ukken
Principal-in-Charge

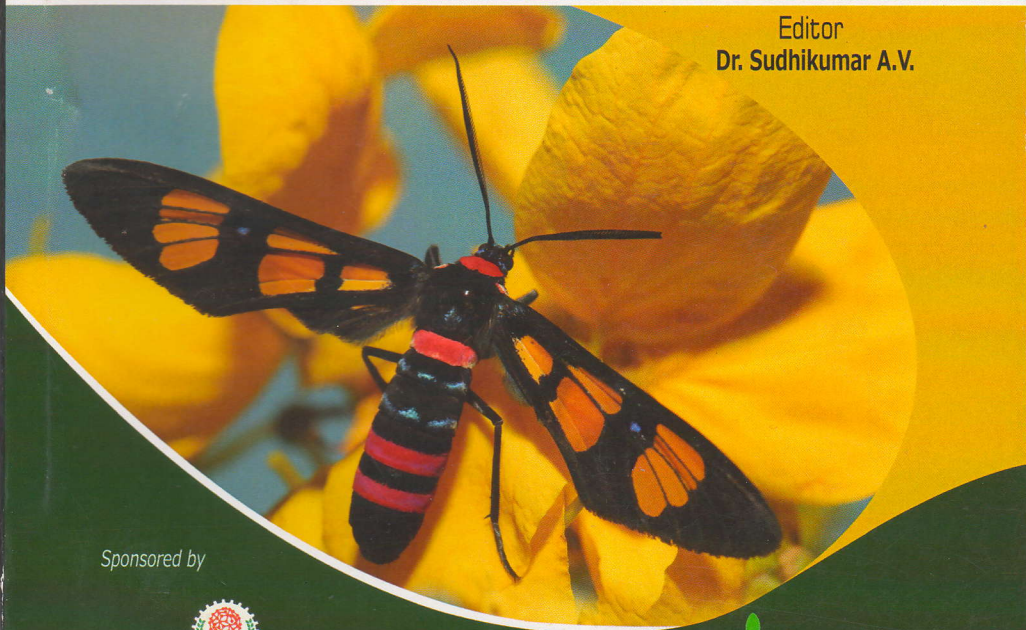




Department of Zoology
Christ College (Autonomous)
Irinjalakuda, Kerala, India

FAUNAL DIVERSITY AND RECENT TRENDS
in **ANIMAL TAXONOMY**

Editor
Dr. Sudhikumar A.V.



Sponsored by



Kerala State Council for Science,
Technology and Environment



Kerala State Biodiversity Board

2018

ISBN 978-81-930507-6-7

NATIONAL SEMINAR ON
**FAUNAL DIVERSITY AND RECENT TRENDS IN
ANIMAL TAXONOMY**

December 20-21, 2017

ABSTRACTS



Organized by:
Department of Zoology, Christ College (Autonomous),
Irinjalakuda, Kerala - 680 125

Sponsored by



Kerala State Council for Science, Technology and Environment

&



Kerala State Biodiversity Board