

PROGRAMME

Kirath

Tamil Thal Vazhthu

Inauguration : 10.00 am

Welcome Address

Dr. M. Ramani Bai

(HOD, Department of Zoology)

Presidential Address

Lion Dr. H. Mohammed Ali

(Secretary/Correspondent)

Principal Address

Dr. G. Edwin Sheela (Principal)

Felicitation

Lion Mr. M. Atzal Fayaz

(Joint Secretary)

Dr. A. Mohammed Siddique

(Vice Principal)

Dr. M. Jagathish (Vice Principal)

Release of Seminar Proceedings

Plenary talk

Dr. A. Biju Kumar,

Professor and Head,

Dept. of Aquatic Biology & Fisheries,

University of Kerala,

Thiruvananthapuram.

Paper presentation

Chair Person: Dr. A.P. Lipton,

Former Principal Scientist & Head, CMFRI.

Feedback session

Distribution of certificates

Vote of thanks

Dr. M.Thillsath Fatima Quraiza

(Assistant Professor,

Department of Zoology)

National Anthem

ORGANIZING LEAM

Convenor

Dr. M. Ramani Bai

(HOD, Department of Zoology)

Organizing Secretary

Dr. M. Thillsath Fatima Quraiza

(Assistant Professor, Department of Zoology)

Organizing Committee

Mrs. R. Prema

Dr. T. Kumaran

Dr. J. Vijilla Jasmin

Dr. C. Christo Queensly

Dr. N. Rajeswari

Dr. T. N. Semila Pushpam

Dr. C. Dyana Selin

Dr. B. Jeevin Bency

Dr. N. Yasmin

REGISTRATION FORM

National seminar on

Climate change and Biodiversity - 27th September,

2023

Name :

Institution :

Designation : Student / Scholar / Faculty

Address :

Mobile No :

E. Mail :

(Photocopy of this format can be used)

Place :

Date :

Signature of the Participant



**National Seminar on
CLIMATE CHANGE AND
BIODIVERSITY**

Date: 27 09 2023



Organised

By

**PG & RESEARCH
DEPARTMENT OF ZOOLOGY &
DEPARTMENT OF MICROBIOLOGY
MUSLIM AIRTS COLLEGE
Thiruvithancode
Pin-629174**

About the Institution and the Department

Muslim Arts College, an outstanding institution committed to students' success in higher education in Kanyakumari District, was established with the aim of fulfilling the long-felt need of the Muslim Educational Society of the district to have a college giving opportunity and access to higher education for the Muslim minority. The college started functioning at Madhavayalam on 5th July, 1982 with B.Com, B.A. History and B.Sc. Mathematics courses. In 1984 the college was affiliated to Madurai Kamaraj University and new courses in UG and PD were added. With the establishment of Manonmaniam Sundaranar University at Tirunelveli in 1990 the college was affiliated to it.

The college, which has the motto "Serve with Love", gives importance to the education of rural students who are socially and financially backward. This great abode of learning caters to the educational needs of the students from various backgrounds.

The college campus, which is gifted with an atmosphere of tranquillity, harmony and peace, is conducive to academic studies and research activities.

The college now offers 22 UG Programmes, 16 PG Programmes, 8 M.Phil Programmes and 8 Ph.D Programmes in various disciplines. Based on the needs of the students it offers appropriate learner-centered, skill-based and job-oriented courses and provides value-based education and opportunities for research of international standard.

Department of Zoology established in 1984, and offered only U.G. Courses. The P.G. Courses was started in 2000 and recognized as Research centre from 2007-2008. It plays a vital role in imparting incredible aspects of basic principles in Science. The department has well equipped laboratories, Museum, Library, Internet facilities and fully qualified staff members to cater the needs of students and scholars.

About the Seminar

The scope is to discuss and explore the intricate relationship between climate change and biodiversity. The National seminar will also explore how the rising temperatures, altered precipitation patterns and extreme weather conditions impact various species and ecosystems.

Scientists and experts in the field of plants, animal and marine biodiversity will give lead talks. There will be special emphasis on invasive species and their influence on native Biodiversity as well as strategies of prevention, protection and management.

Technical Sessions:

- Impact of climate changes and terrestrial biodiversity.
- Impact of climate changes and marine biodiversity

Guidelines for paper submission

- The full paper should be included the title of the paper, name(s) of author(s), presenting author, affiliations including email addresses, key words and highlights of the study.
- The soft copies of original and unpublished full papers should be submitted on or before 20th September 2023 to zoologymacgemhah@gmail.com
- The paper should not be exceed 4 pages including tables and diagrams
- Font style - Times New Roman, Font size - 12 and line space 1.5

- The selected papers will be published in ISBN book.

- Last date for registration 20th September. No spot registration.
- The time for an oral presentation is limited to 5 minutes plus 2 minutes for questions and discussion.

Category	Registration Fee
Participation :	Rs. 300/-
Presentation & Publication :	Rs. 800/-

For More Information

Contact
9952279166
9442583228



NATIONAL SEMINAR ON CLIMATE CHANGE

27th SEPTEMBER 2023

AND BIODIVERSITY

Dr. M. Subashini

SL.NO	NAME	NAME OF THE COLLEGE	DATE	DEPARTMENT	REGISTRATION FEES	SIGNATURE
1	ABISHA, A.J	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (I BSc)	250	J. Abish
2	AJAI SURESHS	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I BSc)	250	S. Ajai Suresh
3	ARSHITHA, M	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I BSc)	250	M. Arshitha
4	ASEENA, S	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I BSc)	250	B. Aseena
5	KISHORE RAJ, D	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I BSc)	250	D. Kishore
6	RANEEM, NM	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (I BSc)	250	N. Raneem
7	REJISHA MOL, RS	MUSLIM ARTS COLLEGE	27-9-23	ZOOLOGY (I BSc)	250	R. Rejisha
8	RIZWAN, S	MUSLIM ARTS COLLEGE	26-9-23	ZOOLOGY (I BSc)	250	S. Rizwan
9	SREE LAKSHMI, S	MUSLIM ARTS COLLEGE	26-9-23	ZOOLOGY (I BSc)	250	S. Sree Lakshmi
10	VINCY, A	MUSLIM ARTS COLLEGE	26-9-23	ZOOLOGY (I BSc)	250	A. Vinicy
11	AMFERA SHRIN NISHA, M	MUSLIM ARTS COLLEGE	11-9-23	ZOOLOGY (II BSc)	250	M. Amfer
12	REENU, S	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (II BSc)	250	S. Reenu
13	SUSHMIN AJISHA, S	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (II BSc)	250	S. Sushmin
14	VAISHNAVI, TM	MUSLIM ARTS COLLEGE	28-9-23	ZOOLOGY (II BSc)	250	T. Vaishnavi
15	VINDITHINI, V.K	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (II BSc)	250	V. Vinodhini
16	ASWIN AKASH, F	MUSLIM ARTS COLLEGE	14-9-23	ZOOLOGY (III BSc)	250	F. Aswin
17	DIVYA, K	MUSLIM ARTS COLLEGE	23-9-23	ZOOLOGY (III BSc)	250	K. Divya
18	FATHIMA SAFFRIN, M	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (III BSc)	250	M. Fathima
19	KABISHA, R	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (III BSc)	250	R. Kabisha
20	LIBISHA, C	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (III BSc)	250	C. Libisha
21	RAGAYA ANANDH, S	MUSLIM ARTS COLLEGE	11-9-23	ZOOLOGY (III BSc)	250	S. Ragaya
22	RAHNA FATHIMA, J	MUSLIM ARTS COLLEGE	11-9-23	ZOOLOGY (III BSc)	250	J. Rahna
23	RATHEESH, R	MUSLIM ARTS COLLEGE	25-9-23	ZOOLOGY (III BSc)	250	R. Ratheesh
24	SANGEETHA, M	MUSLIM ARTS COLLEGE	25-9-23	ZOOLOGY (I MSc)	300	M. Sangeetha
25	ABISHA, S	MUSLIM ARTS COLLEGE	29-9-23	ZOOLOGY (I MSc)	300	S. Abisha
26	ARCHANA, P	MUSLIM ARTS COLLEGE	29-9-23	ZOOLOGY (I MSc)	300	P. Archana
27	ASHA, TS	MUSLIM ARTS COLLEGE	22-9-23	ZOOLOGY (I MSc)	300	T. Asha
28	ASWINI, J	MUSLIM ARTS COLLEGE	22-9-23	ZOOLOGY (I MSc)	300	J. Aswini
29	ATHIRA, AJ	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	A. Athira
30	CHRISTO J SHANY	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	J. Christo
31	DARSANA, MS	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	S. Darsana
32	DHANU, R	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	R. Dhanu
33	HAFAA FARSAATH, B	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (I MSc)	300	B. Hafsa
34	JENISHA, K	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	K. Jenisha

SL. NO.	NAME	NAME OF THE COLLEGE	DATE	DEPARTMENT	REGISTRATION FEES	SIGNATURE
35	KEERTHANA .S	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	S. Keerthana
36	LAKSHMI .P. DEV	MUSLIM ARTS COLLEGE	25-9-23	ZOOLOGY (I MSc)	300	JK
37	MANEESHA .MS	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
38	MERCY .J	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
39	MONIKA .SHERIN .S	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
40	NABISHA .ASHMI .S	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
41	RATHIKA .M	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
42	SALATE GLEETUS MARY .J	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
43	SANDRA .SS	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
44	SHARON .RAJ .R	MUSLIM ARTS COLLEGE	20-9-23	ZOOLOGY (I MSc)	300	JK
45	SHERIJA .SV.	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
46	SNEHA .M	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
47	SRUTHIKRISHNA .VR	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
48	SUBALIN .C	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
49	THIRUVENI .R	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
50	VISMITHA .W	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	Vismitha
51	ADARSHAN .K	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
52	ANISHA .Y	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	Y Anisha
53	EBINI .R	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
54	KALAI PRIYA .P	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
55	MANEESHA .MS	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
56	RAMYA .G	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	G Ramya
57	SUJINA .R	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
58	VIDHYA .K	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	K Vidhya
59	VINI .W	MUSLIM ARTS COLLEGE	21-9-23	ZOOLOGY (I MSc)	300	JK
MICRO 60	ABDULLAH .S	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	Abdullah
61	AFNA REESHMA .K	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	JK
62	ASHINA BEAUM .J	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	JK
63	ASWINI .R	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	JK
64	DIVYA .R	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	Divya
65	FATHIMA HAMNA .M	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	JK
66	HAMEETMISMA .M	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	Hameet Misma
67	KARIMA SAFA .ES	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	Karima Sa
68	MUHAMMAD SUBUKHAN .S	MUSLIM ARTS COLLEGE	21-9-23	MICROBIOLOGY (I BSc)	250	Subukhan

SI. NO.	NAME	NAME OF THE COLLEGE	DATE	DEPARTMENT	REGISTRATION FEES	SIGNATURE
69	MUHSINA FATHIMA.M	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Muhsina
70	MUSLIHA FATHIMA.T	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Musliha
71	NAVINA.V	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Navina
72	NOUFIYA FATHIMA.K	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Noufiya
73	RAISA BARYEEN.H.M	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Raissa
74	RATHI VARSHINI.K.R	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	K.R.Rathi Varshini
75	SAUMYA.S	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Saumya S
76	SHAFINA FATHIMA.B	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Shafina B
77	SHAHANA.S	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Shahana
78	VINIBA.W.C	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (I BSc)	250	Viniba P.O.I
79	ABINAYA.A	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (II BSc)	250	Abinaya
80	FATHIMA JAZEERA.A	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (II BSc)	250	Fathima
81	JOHN VENCY.J	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (II BSc)	250	J. John Vency
82	NOWEA SAFERIN.P	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (II BSc)	250	P. Nowea Saferin
83	RATHISHA MOL.R	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (II BSc)	250	Rathisha
84	JEBA JINI.D	MUSLIM ARTS COLLEGE	19-9-23	MICROBIOLOGY (Ph.D) Res. Sch	800	Jeba
85	JAI SY PRABHA.R	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	Jai Sy Prabh
86	T. BABY DYANA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	T. Baby Dyana
87	D. DAYANA JEBAMALAR	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	D. Dayana
88	G.S. CHITHRA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	G.S. Chithra
89	T. THANGA SUTHI	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	T. Thanga Suthi
90	D. MELBA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	D. Melba
91	E.M. JEENA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	E.M. Jeena
92	U.V. SUDHA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	U.V. Sudha
93	N. VIJAYA PRABHA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (M.Phil)	800	N. Vijaya Prabh
94	E. SEROLIN SUCANYA.S	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (M.Phil)	800	E. Serolin Sucanya
95	N. BERJIN BEAULA	MUSLIM ARTS COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	N. Berjin Beaula
96	S. JEEBA SHEEBA	S.T. HINDU COLLEGE	19-9-23	ZOOLOGY (Ph.D) Res. Sch	800	S. Jeeba Sheeba
97	S. JEVA	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY ASSISTANT PROFESSOR	800	S. Jeva
98	J. JASPIN	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY (III BSc)	300	J. Jaspin
99	S. KARTHIKA	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY (III BSc)	300	S. Karthika
100	C. SANTHIYA	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY (III BSc)	300	C. Santhiya
101	X. SURUTHIKA	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY (III BSc)	300	X. Suruthika
102	D. DONA ROSINIA	ANNALI VELANKANNI COLLEGE, THOLAYVATTAM	19-9-23	ZOOLOGY (III BSc)	300	D. Dona Rosinia

SL. No.	NAME	NAME OF THE COLLEGE	DEPARTMENT	REGISTRATION FEES	SIGNATURE
103	G. ARTHI	ANNAI VELANPANNI COLLEGE	ZOOLOGY (III BSc)	300	G. Arthi
104	DR. K. REEBA JASMINE	WOMEN'S CHRISTIAN COLLEGE, NAGERCOIL	ASSISTANT PROFESSOR, ZOOLOGY DEPT.	800	K. Reeba
* 105 (2)	DR. G. PAPPAN	NESAMONY MEMORIAL CHRISTIAN COLLEGE, MARATHUR	ASSISTANT PROFESSOR, ZOOLOGY DEPT.	800	P. Pappan
106	DR. I. CHARLET BHIMI	"	"	300	I. Charlet
107	SHARMIN	MUSLIM ARTS COLLEGE	ZOOLOGY (I MSc)	300	Sharmin
108	DR. G. S. ANANTHA SELVI	S.T. HINDU COLLEGE	ASSISTANT PROFESSOR, DEPARTMENT OF ZOOLOGY	800	G. S. Anantha Selvi
109	T. SAM SUJI	SCOTT CHRISTIAN COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	T. Sam Suji
110	GNANA SUHIRTHA	S.T. HINDU COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	G. Anitha
111	SONY X. VINCENT	SCOTT CHRISTIAN COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	S. Vincent
112	K. JENIPHER MARY	S.T. HINDU COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	K. Jenipher Mary
113	Y. ANITHA MERIT	SCOTT CHRISTIAN COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	Y. Anitha Merit
114	ASKILLA PEARLIN	SCOTT CHRISTIAN COLLEGE, NAGERCOIL	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY & RESEARCH CENTRE	800	Askilla
115	S. R. BHAGYASREE	MALANILARA CATHOLIC COLLEGE, Mariagudi, Kaliakavil	RESEARCH SCHOLAR, Research centre of Biotechnology	800	S. R. Bhagyasree
116	M. PRABITHA	MUSLIM ARTS COLLEGE	P.G. & RESEARCH DEPT. OF NUTRITION (Research scholar)	800	M. Prabitha
117	B. MARIA REGINA FEMI	"	"	800	B. Maria Regina Femi
118	A. MARITHANGAM	"	"	800	A. Marithangam
119	M. ASHISHA BERLIN	SCOTT CHRISTIAN COLLEGE, NAGERCOIL	Research scholar, Dept of Zoology & Research centre	300	M. Ashisha
120	A. ANISHA	MUSLIM ARTS COLLEGE	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	A. Anisha
121	J. ANAND	MUSLIM ARTS COLLEGE	RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	J. Anand

SL. NO.	NAME	NAME OF THE COLLEGE
* 122	DEENA RAJ KM	MALANKARA CATHOLIC COLLEGE, MARINGALI, KANYAKAVILAM
* 123	J. JENIFFER	HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL
* 124	B. JIJA JOSLIN	MUSLIM ARTS COLLEGE
* 125	M. PRATHIKA	MUSLIM ARTS COLLEGE
* 126	G.C. GILBIS TAMIL PRIYA	MUSLIM ARTS COLLEGE
* 127	T. SHERIN MARY	MUSLIM ARTS COLLEGE
* 128	DR. C. SREEKUMARI	WOMEN'S CHRISTIAN COLLEGE, NAGERCOIL
* 129	DR. T. RENISHEVA	MUSLIM ARTS COLLEGE
* 130	R. RAVISTHA	ANNAI VELANIKANNI COLLEGE, Cholayavattam
(131)	DR. P. ^{EA} BOUTLIN SHERI BHA	SCOTT CHRISTIAN COLLEGE, NAGERCOIL
* 132	DR. R. LEENA	"
* 133	M. ASHA BERLIN	"
* 134	T. JINCY	HOLY CROSS COLLEGE, NAGERCOIL
* 135	DR. A. PREMITHI JINHAM	NESAMONY MEMORIAL CHRISTIAN COLLEGE, MARTHANDAM
* 136	DR. ANJANABEN	"
137	S. AKHIL	MUSLIM ARTS COLLEGE
138	Leela R	Muslim Arts College
139	J. P. JESPA	HOLY CROSS COLLEGE

DEPARTMENT	REGISTRATION FEES	SIGNATURE
27-9-23 RESEARCH SCHOLAR (PhD) DEPT. OF BIOTECHNOLOGY	800	K.M. Deenaraj
27-9-23 RESEARCH SCHOLAR, DEPT. OF ZOOLOGY	800	J. Jaffer
27-9-23 Research scholar, DEPT. OF ZOOLOGY	800	JiJa
27-9-23 Research Scholar (PhD) Dept. of Zoology	800	Prathika
27-9-23 Research Scholar (PhD) Dept. of Zoology	800	Gilbis
27-9-23 Research scholar, DEPT. OF ZOOLOGY	800	Sherin
27-9-23 Assistant Professor, DEPT. OF ZOOLOGY	800	✓
27-9-23 Assistant Professor, Dept. of Nutrition & Dietetics	300	✓
27-9-23 Dept. of Zoology (III BSc)	300	R. Ravistha
27-9-23 ASSISTANT PROFESSOR, DEPT. OF ZOOLOGY	300	Shambal
27-9-23 " "	300	R. Leena
Research Scholar Dept. of Zoology & Research centre	300	
Research scholar DEPT. OF ZOOLOGY	300	
27-9-23 ASSISTANT PROFESSOR, DEPT. OF ZOOLOGY	300	Athmish
ASSISTANT PROFESSOR, DEPT. OF ZOOLOGY	300	
27-9-23 DEPT. OF ZOOLOGY (MPhil)	300	JiJa
27-9-23 Dept. of Zoology (Research scholar)	800	JiJa
27-9-23 Dept. of Zoology (Research scholar)	300	



**PG & RESEARCH DEPARTMENT OF ZOOLOGY &
DEPARTMENT OF MICROBIOLOGY
MUSLIM ARTS COLLEGE**

[Affiliated to Manonmaniam Sundaranar University]
Thiruvithancode - 629 174, K.K. Dist, Tamilnadu, India.

**NATIONAL SEMINAR ON
CLIMATE CHANGE AND BIODIVERSITY**

CERTIFICATE

This is to certify that Prof./Dr./Mr./Mrs./Ms

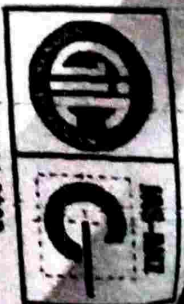
.....has participated /presented a research

paper entitled

.....in the National

Seminar on " Climate change and Biodiversity" organized by the PG & Research Department of Zoology &

Department of Microbiology, Muslim Arts College, Thiruvithancode - 629 174, held on 27th September 2023.



MD 0001-2000
Reg. No. : N0010000

Dr. M. Thilsadh *Thil* Fatima Quratza Organizing Secretary
Dr. M. Ramani Bai *Ramani Bai* Convener
Dr. G. Edwin Sheela *Edwin* Principal
Lion Dr. H. Mohamed All *M* Secretary/Correspondent

DEPARTMENT OF ZOOLOGY
MUSLIM ARTS COLLEGE
DEPARTMENT ACTIVITIES 2023-2024
Seminar Report – 2023-2024

Title: Climate change and Biodiversity

Date: 27-09-2023

A one day National seminar “Climate change and Biodiversity” was organized by PG and Research Department of Zoology at Muslim Arts College, Thiruvithancode on September 27, 2023. More than 139 participants have attended in this seminar. The honourable dignitaries present in the inaugural session were Dr.H.Mohamed Ali, Secretary and Correspondent, Muslim Arts College, Dr. G. Edwin Sheela, Principal, Muslim Arts College and Dr. A. Mohamed Siddique and Dr. M. Jagatheesh Vice Principal, Muslim Arts College, Thiruvithancode. The keynote speakers of the event were Dr. A. Biju Kumar, Professor and Head, Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram and Dr. A.P.Lipton, Former Principal Scientist & Head, Marine Biotechnology Division, CMFRI.

The inaugural session started at 10:00 A.M with Kirath and TamilthaiVazhthu, which was presented by students of the department. Dr. M. Ramani Bai, Head, Department of Zoology gave welcome address to honourable dignitaries and keynote speakers on the Dais, delegates, research scholars and students present in the event. Inaugural address was given by Lion Dr.H.Mohamed Ali, Secretary and Correspondent, our Principal Dr.G. Edwin Sheela presided over the function and the seminar was continued by Felicitation of Dr. A. Mohamed Siddique and Dr. M. Jagatheesh, Vice Principal Muslim Arts College and motivational talk of Dr. A.P.Lipton, Former Principal Scientist & Head, Marine Biotechnology Division, CMFRI, Indian

Council of Agriculture Research & Former Professor and Head, Centre for Marine Science and Technology. All the dignitaries and resource persons were honoured by mementoes. There were two technical sessions in the seminar and about 33 papers were presented by the delegates in different areas in the seminar. The proceedings of the seminar were published at the seminar by the Chief Guest Dr. A. Biju Kumar, Professor and Head, Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram.



Dr. A. Biju Kumar, Professor and Head, Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram presented the "Climate change and biodiversity: A delicate balance". He discussed and explored the intricate relationship between climate change and biodiversity and also shared her valuable thoughts regarding the seminar.



Following this speech, there was a wonderful interactive session where the audience interacted with the speakers clarifying their doubts and asking interesting questions. Finally, the research article presentation session was held at 1.30 onwards. In this the session, the delegates from various colleges were presented their research papers on various sub themes of the seminar. Chairperson A.P.Lipton, Former Principal Scientist & Head, Marine Biotechnology Division, CMFRI shared their views regarding the papers presented in the seminar and gave their valuable inputs. This session has got good response as many participants have asked the doubts & also got satisfactory answers for the same.

In the valedictory session the certificates were distributed to all the participants and presenters of our college students and other college students and research scholars.



The programme was wrapped up around 3:00 pm. Dr. M. Thilsath Fatima Quraiza, Assistant Professor, Dept. of Zoology presented the vote of thanks to honourable guests, organizing committee and students for their valuable contribution in organizing the event. The successful event ended by 3:00 PM with the National Anthem.

Ramani Bai

DR. M. RAMANI BAI
ASSOCIATE PROFESSOR
DEPARTMENT OF ZOOLOGY
MUSLIM ARTS COLLEGE
THIRUVITHANCODE

Shab

PRINCIPAL
MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629 174

National Seminar On



EDITED BY

Dr M. Thilsath Fatima Quraiza

Dr T. Kumaran

27th September, 2023



CLIMATE CHANGE AND

BIODIVERSITY

**PG & RESEARCH
DEPARTMENT OF ZOOLOGY**

MUSLIM ARTS COLLEGE

(Affiliated to M.S.University, Tirunelveli)

Thiruvithancode-629174

Kanyakumari district

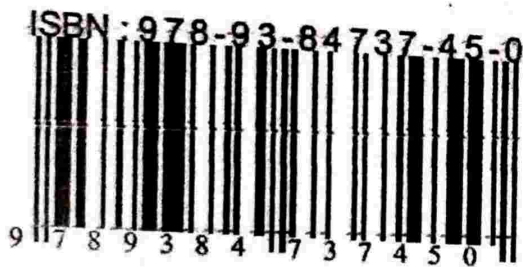
Copyright © 2023 by Raj Pathippakam

All rights reserved.

Reproduction or translation of any part of this book by any means without prior permission from the publisher is unlawful. Requests for permission or further information should be addressed to the copyrighter.

The author of the book is fully responsible for the facts and figures presented in this book.

Further it is stated that the publisher is not responsible for the statements or opinions expressed by the author of the book.



ISBN 978-93-84737-45-0

Published by

Raj Pathippakam,
3E, North Street,
Kurusady,
Nagercoil - 4

CONTENTS

Sl. No	TOPIC	Page No
1	<p>STUDIES ON THE BIOCHEMICAL COMPOSITION AND ECONOMICALLY IMPORTANT PARAMETERS OF THE A BIVOLTINE BREED AND POLYVOLTINE RACE OF THE SILKWORM, <i>BOMBYX MORI</i> LARVAE</p> <p style="text-align: right;"><i>S.P.Anisha and N.Yasmin</i></p>	1
2	<p>A STUDY ON PHYSICO CHEMICAL PARAMETERS OF MANAKUDY ESTUARY, SOUTHWEST COAST OF INDIA</p> <p style="text-align: right;"><i>Anita Merit Y and Robin Perinba Smith V</i></p>	7
3	<p>ANTIBIOTICS USE IN LIVESTOCK CULTURE AND ITS EFFECTS</p> <p style="text-align: right;"><i>Lekshmi, D. Beula Shiny, S. Sujithra and T. Kumaran</i></p>	10
4	<p>EFFICACY OF SUGAR AND YEAST SOLUTION AS A MOSQUITO TRAP</p> <p style="text-align: right;"><i>V.Askilla Pearlin and E. Grace Marin</i></p>	15
5	<p>EFFECT OF <i>PIPER BETLE</i> EXTRACT ON THE TUKRA INFESTED MULBERRY LEAVES AND BIOCHEMICAL PARAMETERS OF SILKWORM <i>BOMBYX MORI</i> L.</p> <p style="text-align: right;"><i>T. Baby Dayana , D. Dayana Jebamalar and Dr. M. Ramani Bai</i></p>	18
6	<p>ALTERATIONS IN HAEMATOLOGICAL PARAMETERS OF FRESH WATER FISH <i>LABEO ROHITA</i> (Hamilton) EXPOSED TO SUB LETHAL CONCENTRATION OF CHLORPYRIFOS</p> <p style="text-align: right;"><i>N. Berjin Beaula and C. Christo Queensly</i></p>	22
7	<p>ISOLATION AND CHARACTERIZATION OF BIOSURFACTANT PRODUCING BACTERIA FROM OIL CONTAMINATED SOIL AND WATER IN AUTOMOBILE WORKSHOP SITES</p> <p style="text-align: right;"><i>S.R.Bhagyasree and Dr.P.A.Mary Helen</i></p>	27
8	<p>THE EFFECTS OF ANTIOXIDANT ONECONOMICAL CHARACTERISTICS OF THE SILKWORM, <i>BOMBYX MORI</i> L.</p> <p style="text-align: right;"><i>G. S. Chithra and Dr. M. Thilsath Fatima Quraiza</i></p>	33
9	<p>STUDIES ON THE EFFECT OF NEUTRALRED ON THE ECONOMIC AND REPRODUCTIVE PARAMETER OF SILKWORM, <i>BOMBYX MORI</i> L.</p> <p style="text-align: right;"><i>D. Melba and C. Christo Queensly</i></p>	36

10	PHYTOCHEMICAL STUDIES IN MEDICINAL PLANT OF <i>HEMIDESMUS INDICUS</i>	41
	<i>Deena Raj and K.M Sujatha S.</i>	
11	STUDIES ON BIOCHEMICAL COMPONENTS OF THE LARVAL TISSUES OF SILKWORM, <i>BOMBYX MORI</i> L. FED WITH ZINC ENRICHED MULBERRY LEAVES.	44
	<i>D.Dayanajebamalar and M.Ramani Bai</i>	
12	ANTI-BACTERIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF <i>COLEUS AMBOINICUS</i> LEAF EXTRACT AND ITS EFFECT IN ECONOMIC TRAITS OF <i>BOMBYX MORI</i> L.	48
	<i>J. Jaisy Prabha, J.P. Jespa, and Dr.M. Thilsath Fatima Quraiza</i>	
13	EFFECT OF FOLIAR SPRAY ZINC ON MULBERRY GROWTH AND COCOON PARAMETERS OF SILKWORM, <i>BOMBYX MORI</i> L.	53
	<i>D.Jeba Jini, G.S. Anantha Selvi and Dr.M.Ramani Bai</i>	
14	EFFECT OF SEASONAL VARIATION IN FEED CONVERSION EFFICIENCY OF INDIAN BIVOLTINE SILKWORM, <i>BOMBYX MORI</i> L.	57
	<i>Dr. E. M. Jeena and Dr. M. Thilsath Fatima Quraiza</i>	
15	ETHANOL EXTRACT OF <i>CYMODOCEA ROTUNDATA</i> AND ITS SILVER NANOPARTICLES ACTIVITY AGAINST OPPORTUNISTIC HUMAN PATHOGEN <i>PSEUDOMONAS AERUGINOSA</i>	60
	<i>J.Jenifer, Dr.F.Brisca Renuga and Dr.P.Selvaraj</i>	
16	IMPACT OF LIFE STYLE IN RELATION TO DIABETES MELLITUS IN KALKULAM TALUK OF KANYAKUMARI DISTRICT	64
	<i>A. Subramanian and K. Jenipher Mary</i>	
17	MOSQUITOCIDAL EVALUATION OF THE TOXICITY OF TRIPLE OIL	69
	<i>S.Jeya and S. Sam Manohar Das</i>	
18	NUTRITIONAL PROFILE OF HEALTHY SHRIMP MEAL AND ITS PRODUCTS	73
	<i>B. Jeba Josilin, G. Sindhu kumari and T. Kumaran</i>	
19	INFLUENCE OF ALTERED SUPPLEMENTED FEED ON THE REPRODUCTIVE POTENTIAL OF <i>BOMBYX MORI</i> L.	77
	<i>G. Pappa, T. Sam Suji and M. Ramanibai</i>	
20	DISTRIBUTION OF ANTICANCER ACTIVITY MEDICINAL PLANTS FROM SOUTHERN WESTERN GHATS OF TAMILNADU	81
	<i>M.Prathika, M. Jenifer Tamizharasi and T. Kumaran</i>	
21	HEALTH BENEFITS AND PHARMACOLOGICAL PROPERTY OF <i>SYZYGIUM JAMBOS</i> - A REVIEW PAPER	85
	<i>M. Prabitha and Dr. T. Renisheya Joy Jeba Malar</i>	

22	NUTRITIONAL COMPOSITION OF VARIOUS PARTS OF MORINGA OLEIFERA PLANT <i>G.C.Gilbis Tamil Priya and N.Yasmine</i>	88
23	EFFICACY OF A SYNTHETIC PESTICIDE AND A BIO PESTICIDE AGAINST THE OKRA LEAF ROLLER, SYLEPTA DEROGATA <i>Dr.K.Reeba Jasmine and Dr.P.Beautlin Sheribha</i>	91
24	PHYTOCHEMICAL INVESTIGATION AND ANTIBACTERIAL ACTIVITY OF PUNICA GRANATUMLEAF EXTRACT AGAINST THE PATHOGEN AEROMONAS HYDROPHILA <i>S.Jeba Sheeba, R. Raja Jeya Sekar and S.M.Vijila</i>	94
25	SERICULTURE PRACTICES NAVIGATING TRADITION AND MODERNITY <i>T. Sam Suji ,G Pappa and Dr. Ramani Bai</i>	99
26	A STUDY ON THE SENSORY CHARACTERISTICS OF ARENGA PINNATA BASED PRODUCTS <i>T.Sherin Mary and J.Vijila Jasmin</i>	103
27	ASSESSMENT OF BREEDING SOURCES OF AEDES MOSQUITOES IN URBAN KANYAKUMARI, TAMIL NADU <i>Sony X. Vincent and Grace Marin</i>	109
28	EVALUATION OF ANTIOXIDANT AND NUTRIENT ANALYSIS OF INCORPORATED PRODUCTS WITH FAGOPYRUM ESCULENTUM <i>Sudha.UV and Dr.N. Yasmin</i>	112
29	ANALYSIS OF FLUORIDE LEVELS IN FOOD AND THEIR IMPACT ON HEALTH IN TIRUNELVELI DISTRICT <i>L. GnanaSuhirtha and A.Subramanian</i>	118
30	STUDIES ON THE IMPACT OF PHOTOPERIODS ON THE UREASE ACTIVITY OF MULBERRY LEAVES AND SILKWORM, BOMBYX MORI L. <i>T.Thanga Suji , Dr. C. Sreekumari and Dr. M. Thilsath Fatima Quraiza</i>	123
31	EFFECT ON COCCINIA GRANDIS ON THE PROTEIN CONTENT OF BACTERIAL INFECTED BOMBYX MORI L. <i>N.Vijaya Prabha, I E. Serolin Suganya, and Dr.M. Thilsath Fathima Quriza</i>	126
32	REVIEW ON NUTRACEUTICAL AND MEDICINAL PROPERTIES OF MACROTYLOMA UNIFLORUM <i>B. Maria Regina Femi and Dr. T. Renisheya Joy Jeba Malar</i>	129
33	GERMINATED BROWN RICE: PROCESSING AND VALUE ADDITION FOR DEVELOPMENT OF INSTANT PANCAKE MIX <i>Mrs. A. Marithangam and Dr. T. Renisheya Joy Jeba Malar</i>	132