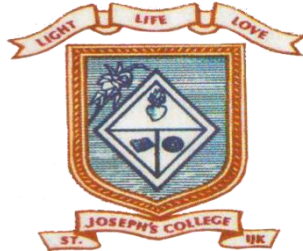


**Two Days workshop ‘Research Methodology’
Organized by**

Department of Zoology
St. Joseph’s College (Autonomous), Irinjalakuda



Speakers

Session I

Dr. A. Biju Kumar

Professor and Head

Department of Aquatic Biology & Fisheries
University of Kerala

Session II

Dr. Rajeev Raghavan

Assistant Professor

Department of Fisheries Resource Management
Kerala university of Fisheries and Ocean Studies

BROCHURE

Organized by

Department of Zoology

St. Joseph's College (Autonomous)
Irinjalakuda, Kerala
College with Potential for Excellence
NAAC accredited with 'A' Grade

Inaugural Address

Dr. Sr. Asha Therese
Principal

Co-ordinator

Dr. Gigi Poulose
Assistant Professor & Head
zoology@stjosephs.edu.in

Organizing Committee

Dr. Vidya G, Ms. Deepthi PD, Ms. Juliet OK
Ms. Vidya Sadanandan, Ms. Aswani Das
Ms. Athira VC, Ms. Athira Anand



Workshop On **Research Methodology**



Research Methodology
for Zoology Students

Dr. A. Biju Kumar

Professor and Head
Dept. of Aquatic Biology & Fisheries
University of Kerala

 **16-09-2021, 10.30 am**

To Join

Register @

<https://forms.gle/CGeXmkKhs5DvSxCc8>



Transforming Research
into Publications
: An Editor's Perspective
Dr. Rajeev Raghavan

Assistant Professor
Dept. of Fisheries Resource Management
Kerala University of Fisheries and Ocean Studies

 **17-09-2021, 02.00 pm**

REPORT
Research Methodology
Organized by
Department of Zoology

The two days National workshop on 'Research' was organized by the Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda. There were two sessions in the workshop on 16th and 17th September 2021. The workshop was started with a welcome speech by Dr. Gigi Poullose, Assistant Professor & Head of Department of Zoology. The workshop was inaugurated by Dr. Sr. Anis K. V., Principal, St. Joseph's College (Autonomous), Irinjalakuda.

Session I

The first session was about 'Research Methodology for Zoology students' was conducted on 16th September 2021 at 10.30am. the resource person for the session was Dr. A. Biju Kumar, Professor and Head of the aquatic biology and Fisheries, University of Kerala.

The workshop mainly deals with scientific methodology. Sir had given a general outline for the research methodology, and he focused on the questions to conduct background research which includes referring textbooks, research journals or other research publications. The workshop also emphasizes that for a scientific study to be credible, the research must be conducted for a long period of time and control groups must be established. He also mentioned that a researcher receives recognition for their work, mainly according to number of citations.

After proposing a question, one has to conduct background research journals or other research publications. Based on this reading, a hypothesis is constructed. To test this hypothesis, a specific method of experimentation is developed. When multiple experiments are conducted, more data is collected and then an average of all the results is taken. The data from the works further organized and finally some conclusion is drawn from it. If the conclusion aligns with the proposed hypothesis, the result can then be communicated with others. However, if the result only partially aligns or do not align with the hypothesis at all, one must construct a different hypothesis and develop a new method of experimentation.

The session had an opportunity for participants to ask questions related to the research. Few students had certain questions related to research and all the questions were cleared by the resource person. The programme concluded by vote of thanks by Dr. Vidya G.

Session II

On 17th September 2021 the second session of workshop was on ‘Transforming Research into Publications: An Editor’s Perspective’ was conducted on google platform. The programme is started at 2pm and welcomed and introduced by Dr. Gigi Poulouse, HOD Department of Zoology. The resource person was Dr. Rajeev Raghavan, Assistant Professor, Department of Fisheries Resource Management, Kerala University of Fisheries and Ocean Studies.

This topic was useful for the students for their future research and project works. There were two things we must consider while transforming research into publication that include scientists are rated by what they finish, not by what they attempt. Science isn’t finished until its communicated. The importance of publication was “Without publication science is dead.” It is the most important way to communicate or convey ideas from your head to the scientific community. The paper is worthless if no one reads, uses, or cites it. So, it should be clearly described. The session also discussed about citation, Scientist and storytelling, peer reviewed subjects, cover letters, types of paper, subscription journals, impact factors, common writing flaws etc. Try to train or market our journals, knowledge, ideas, to scientific world. Communicate the results to world. Comparing a journal to a consumer.

When a scientist submitting his paper, it should be competitive because it mainly focuses how would you communicate your topic. Always try to write the papers logically. Also, a paper is subjected to quality check, journal reputation. Every journal has its own merits and demerits. Cover letter should include content of paper and importance of the paper. Types of paper may include regular paper, brief paper, review paper, commentary paper. Factors considering submitting a paper to a journal include acceptance, ranking, reputation etc. Some of the important journals include Science, Nature, PNAS, Zoological journals, Journal of Zoology etc. The session was come to an end at 3.30pm with a question answer session.

The programme was a great success and concluded by the thanksgiving of Dr. Gigi Poulouse.

List of Participants
Research Methodology

Sl. No.	Name of the Participant	Attendance
1	Ansiya Ms	✓
2	Dr. Seema Menon	✓
3	Jisna Jose	✓
4	Hitham S Rajan	✓
5	Thulasi Venugopalan	✓
6	Mithu Manoj C	✓
7	Amiya. D	✓
8	Naina Shamsy	✓
9	Thasneem Azees T	✓
10	Hridya. A. S	✓
11	Dr Vimala Kjohn	✓
12	Amrutha M	✓
13	Vishnupriya C J	✓
14	Aparna K Dinesh	✓
15	Gayathri E R	✓
16	Prasad N K	✓
17	Karthika Suresh Kumar	✓
18	Adarsh P K	✓
19	Aiswarya N	✓
20	Fathima Ranna Pp	✓
21	Varsha K V	✓
22	Denna Joseph	✓
23	Malavika C	✓
24	Bhagi Krishna. N. S.	✓
25	Anshini Rahamath Vp	✓
26	Anagha Sabu	✓
27	Alayna Kp	✓
28	Navya P	✓
29	Aiswarya. B	✓
30	Harisankar. P. R	✓
31	Sandra P S	✓
32	Sandra P J	✓
33	Archana Dinesh	✓
34	Nandhana TN	✓
35	Kaavya K.	✓
36	Navya P	✓

37	Manjula.R	✓
38	Anju K. Baby	✓
39	Maryrose Davis	✓
40	Fousiya. T	✓
41	Adithya.P. K	✓
42	Sireesha T M	✓
43	Anagha K N	✓
44	Mufeeda kv	✓
45	Meharban M P	✓
46	ANJU SARA PRAKASH	✓
47	Thasnim E S	✓
48	Sreekrishna	✓
49	Suryanarayanan T B	✓
50	Varsha Suresh	✓
51	Maria Sico	✓
52	Aparna E S	✓
53	Suryasree Sunandan	✓
54	Rosmi Joyce	✓
55	Nikhila T Das	✓
56	Blaicy Baby	✓
57	Nandita M.K	✓
58	Namita M.K	✓
59	Mercy Saimon	✓
60	Anshini Rahamath Vp	✓
61	Vidya Sadanandan A	✓
62	Sreelakshmi M S	✓
63	Jithya Kosmin	✓
64	Athira Anand P	✓
65	Illikel Aishwarya Ajaykumar	✓
66	P. D. Deepthi	✓
67	Aleena Devassy	✓
68	Vidya G	✓
69	Anna Francis	✓
70	Anena P S	✓
71	Meenakshy KJ	✓
72	Josmin Joseph	✓
73	Swathy Das	✓
74	Aysha P.M	✓
75	Krishnendhu Das K	✓
76	Neethu C.S	✓
77	Riya Babu	✓
78	Namitha sabupaul	✓

79	Vani P B	✓
80	Lakshmipriya M.S	✓
81	Archana Sankar U	✓
82	Sreesankari Suresh	✓
83	Rida Fathima	✓
84	Ebeena Joseph	✓
85	Aiswarya N	✓
86	Aswathi P G	✓
87	Liyana K Nazar	✓
88	Aswani Das	✓
89	Julieto.K.	✓
90	Rijuna.M.A	✓
91	Maria Sico	✓
92	Annet Manoj	✓
93	Ardra P R	✓
94	Jerusa Babu	✓
95	Aleena V A	✓
96	Anjana P Sreedhar	✓
97	Grace Mary Prince	✓
98	Anitta Joju	✓
99	Alna Mary Shaji	✓
100	Mahitha Syriac	✓
101	Jyothilakshmi A C	✓
102	Gopika.K.S	✓
103	Devika M S	✓
104	Josmy T J	✓
105	Nandana.P.K	✓
106	Dr Sheenaja K.K	✓
107	Gopika Kottantharayil Bhasi	✓
108	Emalda Tomans	✓
109	Nandana.P.K	✓

