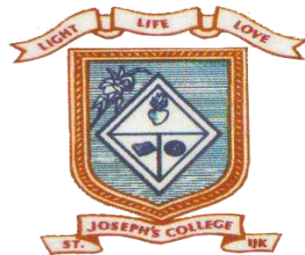


A Fundamental Procedures in Microbiology
Organized by

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



Speakers

Session I

Dr. Manju N.J.

Assistant Professor,
Department of Geology & Environmental Science
Christ College (Autonomous)
Irinjalakuda

Session II

Dr. Sreedharan K

Scientist, ICAR
Central Institute of Fisheries Education
Mumbai, Rohtak Centre - Haryana

BROCHURE

NATIONAL
WORKSHOP
ON



FUNDAMENTAL PROCEDURES IN MICROBIOLOGY

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St. Joseph's College (Autonomous)

Irinjalakuda, Kerala

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zoology@stjosephs.edu.in

Inaugural Address
Dr. Sr. Asha Therese
Principal



To Join

Register @

<https://forms.gle/SXjc2km3EmbUycTA7>



Basic Microbiology Techniques

Dr. Manju NJ

Assistant Professor

Department of Geology & Environmental Science
Christ College (Autonomous), Irinjalakuda

20-09-2021, 03.30 pm



**Diagnostic Procedures for the Isolation of
Pathogenic Bacteria from Fish & Shrimp**

Dr. Sreedharan K

Scientist, ICAR

Central Institute of Fisheries Education
Mumbai, Rohtak Centre - Haryana

21-09-2021, 02.30 pm

Co-ordinator

Dr. Gigi Poulose

Assistant Professor & Head

Organizing Committee

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

REPORT
A Fundamental Procedures in Microbiology
Organized by
Department of Zoology

The two days National workshop on 'Fundamental Procedures in Microbiology' was organized by the Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda. There were two sessions in the workshop on 20th and 21st 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 'Basic Microbiology Techniques' and conducted by Dr. Manju N. J. on September 20, 2021, at 3.30 pm. Dr. Manju N.J is the Assistant Professor, Department of Geology & Environmental Science, Christ College (Autonomous), Irinjalakuda.

The workshop was structured in a PowerPoint presentation with visual impact. The resource person started the session with an introduction to microbiology. Then she explained the fundamental microbiology techniques. The topics she discussed were planning ahead & risk consideration, Good Microbiological Laboratory Practice (GMLP), resources, apparatus & materials, cleaning, sterilization, how to use a wire loop, flaming the neck of bottles and test tubes, culturing microbes and storage of microorganisms. The resource person explained well on these microbiology techniques with the help of certain images. Apart from all these, there are vast numbers of other techniques used in microbiology that is important not only for microbiological study but also for other sectors.

The session was very informative which helped the participants to enhance their knowledge on the microbiology techniques. Nearly 66 participants from various colleges attended the workshop virtually. The first session of the workshop was concluded with the Vote of Thanks by Dr. Vidya G, a faculty member of the Department of Zoology. Finally, the feedback form was collected from the participants.

Session II

The second session of the workshop was conducted on 21st September 2021 at 2.30 pm through Google Meet. Respected Dr. Sreedharan K, scientist at ICAR, Central Institute of Fisheries Education, Mumbai Rohtak Centre, Haryana was the Resource person. The session began at 2.45 pm in the presence of faculty and staff of the Department of Zoology and participants from various colleges.

The appendix provided an overview of 'Diagnostic Procedures for the Isolation of Pathogenic Bacteria from fish and shrimp'. The workshop was structured in a PPT with visual impact. Different diagnostic procedures for the isolation of pathogenic bacteria were explained to the participants by the resource person. The session started with an introduction to various kinds of diseases that affect fish and shrimp. Then various symptoms of the diseases with images were explained by the resource person. He highlighted the methods of isolation of bacteria from fishes and shrimps. He also referred to various methods such as the streak plate technique, pour plate method, and spread plate method. He explained well on various methods with the help of certain images. At last, he summarized all the topics and concluded the session.

The session was very informative which helped everyone imbibe knowledge about various kinds of diseases found in fishes and shrimps as well as the different diagnostic procedures for isolating pathogenic bacteria from them. Ms Aswani Das, a faculty member of the Department of Zoology proposed the vote of thanks. Finally, the feedback form was also collected from the participants. Nearly 65 participants from various colleges joined the workshop virtually.

List of Participants

Sl. No.	Name of the Participant	Attendance
1	Jazeena P A	✓
2	Amrutha Sajeev	✓
3	Varsha Suresh	✓
4	Anshini Rahamath Vp	✓
5	Maryrose Davis	✓
6	Suryasree Sunandan	✓
7	Rosmi Joyce	✓
8	Blaicy Baby	✓
9	Namita M. K	✓
10	Nandita M.K	✓
11	Vidya Sadanandan A	✓
12	Jithya Kosmin	✓
13	Sreelakshmi M S	✓
14	Jithya Kosmin	✓
15	Amesha A	✓
16	Athira Anand P	✓
17	Annet Manoj	✓
18	Aparna E S	✓
19	Jasheedha V.J	✓
20	Ardra P R	✓
21	Jerusa Babu	✓
22	P. D. Deepthi	✓
23	Alna Mary Shaji	✓
24	Aleena Devassy	✓
25	Aleena. V A	✓
26	Rijuna M A	✓
27	Drisy.K.P	✓
28	Mahitha Syriac	✓
29	Emalda Tomans	✓
30	Anena P S	✓
31	Josmin Joseph	✓
32	Anna Francis	✓
33	Meenakshy KJ	✓
34	Aysha P.M	✓
35	Swathy Das	✓
36	Nandana.P.K	✓
37	Lakshmipriya M.S	✓
38	Krishnendhu Das K	✓
39	Neethu C.S	✓

40	Namitha Sabupaul	✓
41	Anitta AT	✓
42	Riya Babu	✓
43	Vani P B	✓
44	Josmy T J	✓
45	Archana Sankar U	✓
46	Sreesankari Suresh	✓
47	Rida Fathima N. H	✓
48	Anitta Joju	✓
49	Grace Mary Prince	✓
50	Ebeena Joseph	✓
51	Ninju Vincent	✓
52	Liyana K Nazar	✓
53	Aswani Das	✓
54	Juliet O.K.	✓
55	Sandra P J	✓
56	Mufeeda Kv	✓
57	Nimya Chandran	✓
58	Anupama M	✓
59	Anu C A	✓
60	Hridhika Joju P	✓
61	Ann Peter	✓
62	Sona PR	✓
63	Amritha Balakrishnan K	✓
64	Anitta C J	✓
65	Anjaly Edakkalathur	✓
66	Gincy C George	✓
67	Aiswarya K A	✓
68	Snija Sujay	✓
69	Afra	✓
70	Vani Krishnadas	✓
71	Athira.C.S	✓
72	Sneha P V	✓
73	N.B Shreya Nupura	✓
74	Kalathinkal Sojiya Joy	✓
75	Chandana TK	✓
76	Liya Babu	✓
77	Maya. V. P	✓
78	Sruthi. M	✓
79	Devika prabhakaran	✓
80	Hishamol P K	✓
81	Amritha Balakrishnan K	✓

82	Jisna Jose	✓
83	Athulya P	✓
84	Athira	✓
85	Dona Mary	✓
86	Preshy P V	✓
87	Harikrishnan E	✓
88	Shana K	✓
89	Athira. K. R	✓
90	Aiswarya. B	✓
91	Denna Joseph	✓
92	Jofy Francis	✓
93	Roselit. V. P	✓
94	Hiba Shareef	✓
95	Lekshmi Jayakrishnan	✓
96	Thulasi Venugopalan	✓
97	Haritha. K. H	✓
98	Teenu Joshy M	✓
99	Angel Rose Cj	✓
100	Fathima Ranna Pp	✓
101	Aswani P	✓
102	Reshma.Kk	✓
103	Malavika C	✓
104	Anagha.K.T	✓
105	Sivanandana P S	✓
106	Jefin. C.S	✓
107	Susna Fathima P H	✓
108	Rosna Rajeesh	✓
109	Tessa Raju Akkarappatty	✓
110	Aleeza Sara Chacko	✓
111	Fathimathul Sabna	✓
112	Megha.M	✓
113	Aleena Varghese	✓
114	Jelin Maria	✓
115	Somitha Mathew	✓
116	Reena Jose	✓
117	Kavya Ravindran	✓
118	Archana K M	✓
119	Sireesha T M	✓
120	Mehanas	✓
121	Saji Radhakrishnan	✓
122	Maneesha Shaji	✓
123	Mithu Manoj C	✓

124	Kavya Ravindran	✓
125	P. J Jaseela Jaleel	✓
126	Devananda	✓
127	Linta Maria John	✓
128	Mallika sp	✓
129	Sandra ps	✓