

Note:

1. All the text should be typed in Times New Roman, Font size 12.
2. It should be justified
3. Give short information and do avoid any complicated words.
4. Stick to the time specified
5. Do send only one mail and any doubt call can be made to the phone number that is specified.
6. Do check the website for any updates and corrections if once the information is published.
7. Convert the whole document in PDF and Name the document as DEPARTMENT NAME AIDED/SS.PDF Eg., Physics Aided.PDF
8. All data should be submitted from 2018 to 2021 till date
9. Faculty photo should be in jpeg format and passport size

Department Structure:

1. Profile of the Department:  
Check the banner of the Department  
The profile should be only ten lines and institutional id should be given.
2. Course Details  
Courses offered, Syllabus, Sanctioned Strength, Facilities (Lab photo, smart rooms with seating capacity and photo attached with the student)
3. Faculty profile:



Name: Dr. V. Gayathri  
Qualification: M.Sc., M.Phil., Ph.D  
Designation: Associate Professor  
Years of Experience: UG: 20 PG: 14  
Previous Experience: UG: 2 PG: 1  
Area of Specialization: (General Microbiology and Applied Microbiology,)  
Email-ID: [gayathri16@ethirajcollege.edu.in](mailto:gayathri16@ethirajcollege.edu.in)

## MEMBERSHIP

S.No.	Details	State/National/International
1	Life Member in the Indian Association of Applied Microbiology	National

## PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1	Bioremediation Of Crude Oil In Sea Water Using Hydrocarbon	1 year (24.1.2018)	Ethiraj College Trust	10,000 Rs.

	Degraders With Carriers (Banana Peel, Banana Stem, Gravel And Sediment) And Nutrients			
2	Biodegradation of crude oil using <i>Pseudomonas luteola</i> and screening for biosurfactant production	1 year( 22.7.2019)	Ethiraj College Trust	15,000 Rs.

### RESEARCH GUIDANCE

Ph.DAwarded	Nil
Ph.DGuiding	Nil
M.PhilAwarded	Nil
M.PhilGuiding	Nil

## WORKSHOPS

S.no.	Organizedby	State/National/International	Topic	Date(s)
1	Dr.MGR Janaki College for arts and Science	state	Workshop on Advanced Immunology and Protoemics Techniques	29.8.2016 and 2.9.2016
2	Ethiraj College for Women	state	Workshop on Phytochemical Techniques	27.11.2017
3	Immunogenix Pvt.Ltd,Chennai	State	Workshop on Basics in Bioinformatics	3.5.2018 to 5.5.2018
4	Ethiraj College for Women	State	Workshop on SPSS and AMOS	21.6.2018 22.6..2018
5	Ethiraj College for Women	State	Workshop on Faculty Development Workshop on Research Insights, Publication and Proposal Strategies	15.07.2019
6	Ethiraj College for Women	State	Workshop on Faculty Development workshop on Research, Innovation and Creativity	14.9.2019
7	Ethiraj College for Women	State	Workshop on NAAC Regulations :A Holistic approach	12.9.2019
8	Ethiraj College for Women	State	Learning Management System and Open Educational Resources	25.1.2020
9	Sathyabama Institute of Science and Technology	State	Workshop on Zebrafish cell culture techniques	7.2.2020

## CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organizedby	State/National/International	Participated/ Presented	Title	Date(s)
1	AMSCO, Annamalai University.	International	Presented*	Bacterial contamination of Green mussel, <i>Pernaviridis</i> at Ennore Estuary, South east coast of India,	2.9.2010 to 4.9.2010
2	Aquatic Biotoxin 2011, Annamalai University.	National	Presented	Pathogenic bacteria and heavy metal accumulation in <i>Pernaviridis</i> from Ennore Estuary, South East Coast of India.	14.9.2011 to 16.9.2011
3	M.S .Swaminathan Research Foundation and Ethiraj college	International	presented	Identification of gut microflora from green mussel ( <i>pernaviridis</i> ). International conference on implications of Biotechnology on Biodiversity and its conservation.	27.1.2011 28.1.2011
4	Impact of climate		Presented	A pollution assessment study and heavy metal	10.11.2011 and

	change on Coastal Ecosystem Sathyabama University			distribution in water and green mussels(Pernaviridis) of Ennore estuary, South East Coast of India.	11.11.2011
5	National Conference on New Vistas in Indian Aquaculture. CIBA.	National	Presented	Indicator bacteria in green mussels from Ennore estuary and Royapuram, Tamil Nadu,	23.2.2012 24.2.2012
6	Bharathidasan University	International	Presented	Study of Microbiological pollution of Muthukadu using mussels as bioindicators.	13.2.2012 14.2.2012
7	National Conference on Biodiversity Conservation and Sustainable Management Kuvempu University, Karnataka.	National	Presented	Environmental Factors influencing human pathogens .	25.3.2014 26.3.2014
8	Prof. Dhanapalan, College, Chennai	State	Presented	Preparation of a common Herbal Medicine with culinary plants for skin infections caused by <i>Candida albicans</i> and <i>Propionibacterium acnes</i> .	28.2.2019 to 1.3.2019
9	Sathyabama University	National	Presented *	Antibacterial activity of ink and tissue extract from Octopus dollfusi against human urinary pathogens	17.9.2019 and 18.9.2019
10	SRM University	National	Presented	Bioremediation of crude oil using hydrocarbon degrading bacteria <i>Pseudomonas luteola</i> by immobilization methods	2022

*\*Best paper award kindly do put*

*asterisk API format to be followed*

## SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Dr.MGR Janaki College of Arts and Science	State	Ambrosia	3.7. 2015
2	Valliammal college for women	National	Seminar on Natural Products	7.1.2017

## CERTIFICATE COURSES / VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
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1	Swayam	Refresher course on teacher and teaching in higher education	16 weeks
2	ICMR and NIR under swayam	Basic course in Biomedical research	16 weeks
3	AICTE approved fdp course	Developing soft skills and Personality	8 weeks
4	Swayam	Leadership skills	4 weeks

## JOURNAL PUBLICATIONS

S.NO.	JOURNALNAME	UGC /SCI/SCIE/WOS	ISBN/ISS NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1	Journal of pure and Applied Microbiology		ISSN NO :0973 7510		
2	Journal of Advanced Biotechnology				2011
3	Indian Journal Of Applied Microbiology		ISSN NO 2249 8400		2012
4	International Journal Of Biotechnology		ISSN NO 1741 5020		2012
5	Indian Journal Of Applied And Pure Biology		ISSN NO 0970 2091		2013
6	Indian Journal of Biological studies and Research		ISSN NO 2394 9538		2013
7	Nature , Environment And Pollution Technology,	UGC approved and Scopus indexed Journal	ISSN NO: 0972-6268.		2013
8	International Journal of current Microbiology and Applied Sciences		ISSN :2319-7706		2016
9	International Journal of current Microbiology and Applied Sciences.		ISSN :2319-7706		2017
10	International Journal of current Microbiology and Applied Sciences		ISSN :2319-7706,		2017
11	Journal of pure and Applied Microbiology	UGC approved and Scopus indexed Journal	ISSN :0973-7510		2018

12	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	UGC approved and Scopus indexed Journal	ISSN : 0972-3005		2019
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### FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Ramanujam College, University of Delhi	National	FDP on Managing Online classes and Co- Creating MOOCS 2.0 Recent trends and Challenges in Research	18.5.20-3.6.20
2	Ramanujam College, University of Delhi	National	Open tools for Research	6.6.2020 – 14.6.20
3	Ramanujam College, University of Delhi	National	Recent trends and Challenges in Research	10.5.2021 – 18.5.21
4	St. Joseph's College of Engineering, Chennai	National	Prospects and Challenges in Biofuels and Bioenergy	11.11.2019 – 16.11.2019
5	Dr. B.R. Ambedkar University of Delhi	National	Online course cum FDP Podcasts in Education	21.12.2020 – 17.01.2021

### WEBINARS[National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Sathyabama Institute of Science and Technology and California Institute of Science and Medicine	National	Novel Microbes and Newer threats	20.4.20 – 25.5.20
2	St. Francis college for Women, Hyderabad,	National	Host pathogen Interaction and prevention	30.4.2020

### AWARD

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- BEST PAPER AWARD - National Conference on Aquatic Biotoxins - Organized by CAS IN Marine Biology, ANNAMALAI UNIVERSITY, 2011.
- BEST PAPER AWARD – National Seminar on Marine Natural Products as Pharmaceutical Agents (NSMNP-2019), SATHYABAMA UNIVERSITY, 2019

OTHERS :

- Appointed as the subject expert in Selection Committee for recruitment of Assistant Professor in Microbiology- Dr.MGRJanaki College for Arts and Science,Chennai.Ref: NoA – II/MPV/Dr.MGRJanaki/Selection committee/2016/139 dated 22.4.2016.
- Has delivered a special lecture on “ENVIRONMENTAL POLLUTION “- WHAT EVERYONE NEEDS TO KNOW” in the One Day International Seminar on Current Trends in Life Science: “THE IMPACT OF ENVIRONMENTAL POLLUTION ON DISEASES AND DRUG RESISTANCE” on13.9.2017 atKandaswamiKandar’s College, P.Velur,Namakal.
- Nominated as Subject Expert for Board of Studies in M.Sc.Applied Microbiology, Justice Basheer Ahmed Sayeed College for Women, Teynempet,Chennai.  
Ref:No.aii/gr/2006/Sut.confmt/1826 dated 5<sup>th</sup> July 2006 on 24.4.2018
- Went as a Evaluator for” Regional Level Children Science Congress” KENDRIYA VIDYALAYA Chennai ,2019
- Special Drive scrutiny Committee (Assistant Professor qualification approval) held on 29.11.19 in University of Madras
- Expert member in the Doctoral committee for the Department of Biotechnology in the faculty of Engineering and Technology, SRM institute of Science and Technology,4.10.2021(No.SRMIST/R/Doctoral Committee.5093-ESST/2021- 4362)