

NKR GOVT. ARTS COLLEGE FOR WOMEN – 637 001

DEPARTMENT OF MICROBIOLOGY

STAFF PROFILE



ABSTRACT

1. Name : Dr. V Muthumani
2. Designation : ASSISTANT PROFESSOR
3. Education Qualification : M.Sc., B Ed., M Phil., Ph. D
4. Teaching Experience : 20 Years
5. Research Experience : 12 Years
6. Area of Research : Medical Microbiology
7. University Guideship
- Approval No : PU/R/A3/12708/2011
8. Fellowship Awarded : NIL
9. Minor/Major Research Project : NIL
10. Research Paper Published : International: 5 ; National:8
11. Seminar/ Conference/ Workshops :Organized:11; Attended:12
12. Journals Review : International: NIL ; National: NIL
13. Books Published : NIL
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BIO - DATA

Name : **Dr. V Muthumani**
 Designation : Assistant professor
 Father's Name : Chinnaveluchamy
 Date of Birth : 04.05.1978
 Nationality : INDIAN
 Religion : HINDU
 Permanent Address : 317/1, west street, Theverappan patti,
 Aathur (TK), Dindigul Dt
 Phone No : Off : 04286 – 221152.
 Cell :9442034527
 E-Mail ID : pearlbell78@gmail.com
 Languages Known to Read / Write : TAMIL, ENGLISH, KANNADA

EDUCATIONAL QUALIFICATION:

Degree	University	Month & Year of Passing	Class/ Grade
UG	Madurai Kamaraj University	April, 1998	I CLASS
PG	Madurai Kamaraj University	May , 2000	I CLASS
B Ed	Bharathidasan University	Nov, 2007	I CLASS
M Phil	Bharathidasan University	June , 2004	I CLASS
P hD	Bharathidasan University	Sep, 2008	Commended

Date of Joining : 28.02.2011
 Teaching Experience : **20 Years**

S. No.	From DD/ MM / YY	To DD/ MM / YY	Name of the Institution	Total Years
1	19.06.2000	30.05.2010	Dhanalakshmi Srinivasan College of Arts & Science, Perambalur.	10 years
2	28.02.2011	Till date	Namakkal Kavignar Ramalingam Govt. Arts College for Women Namakkal	10 years

Research Experience: 12 Years

Topic of Research : Medical Microbiology
Research Guidance : M.Phil - Awarded : **18**
 Ph.D (co guide)-Awarded : **1**
 Ph.D - Ongoing : **3**

Courses Attended :

S. No	Name of the Course	From DD/MM/YY	To DD/MM/YY	Subject/ Title	Name of the University
1.	Refresher course	19.06.2018	09.07.2018.	Life science	Bharathidasan University, Trichy
2.	Refresher course	29.06.2013	19.07.2013	Life science	Bharathidasan University, Trichy
3.	Orientation Course	04.05.2011	02.06.2011	Biology	University of Madras
4.	Refresher course	01.11.2004	21.11.2004	Microbiology	Bharathidasan University, Trichy

Member in Academic/ Editorial Board/ Reviewer in Journals : 1

List of Publication : 17

Sequences in Gene Bank : 3

Papers Presented in Seminars/ Conferences/ National/ International: 7

Participation in Seminar/ Conferences/ Workshop: 12

Books Published: NIL

Seminar and Work shop organized: 11

Special and Guest Lectures Delivered: 2

Research Scholar Details

(Copy of University Guide ship Approval Letters should be enclosed)

S. No	Name of the Research Scholar	Year of Joining	Title of the Project	Awarded/ Ongoing	Remarks
1	M Abirami	2019	leptospirosis studies	ongoing	
2	P Asiya	2019	Studies on the PGPR and antimicrobial activities of bacteria isolated from black pepper growing tracts of wayanad , Kerala	ongoing	
3	P Sreeraj	2019	Studies on the PGPR and antimicrobial activities of bacteria isolated from paddy of wayanad , Kerala	ongoing	

List of Enclosures

1. List of Publication

1. **Bifloc microbial coaggregates for augmentation and enhancement of growth and yield of Black gram**”, *J of Ecobiology*, Vol 26(1), 2010.97 – 100.
2. **”Production and purification of bacteriocin from *Lactobacillus brevis*”**. *Asian Jrof Microbiol. Biotech.Env.Sc – Vol 12 (1):2010: 1-2.*
- 3 **Production of L phenyl acetyl carbinol by whole cells of *Hansenula polymorpha***. *J of Pure and Applied Microbiology*, Vol (4), No: 01.2010.
- 4 **Standardization of Human Papilloma virus DNA test correlation with pathology of cervical Cancer**. *J of Pure and Applied Microbiology*, Vol (4), No: 01.2010
- 5 **“Effects of exercise on HIV/AIDS patients”**, *Asian Jr of Microbiol. Biotech.Env.Sc.Vol 12 (1):2010: 1-2.*
- 6 **”Biodegradation of Diesel oil using bacterial consortia”**, *J of Microbial world*, Vol 12 No (1): 2010.
- 7 **Antifungal Activity of selected Medicinal Plants**. *J of Ecotoxicol. Environ.monit.* Vol 20 (4) 2010. 359 – 363.
- 8 **Biotransformation of Benzaldehyde in to (R) phenyl acetyl carbinol by *Brettanomyces Lambicus* or their extracts**. *J of Biosciences, Biotechnology Research Asia.* Vol 6 (2):2009. 679 – 686.

- 9 **Invitro study of antimicrobial activity of Biocolours against two enteric pathogens** *Indian J of Nutrition and Dietetics*, Vol 46: 515- 517, 2009.
- 10 **”Role of exercise and herbal therapy for HIV infection”**, *J of Biomedical & Pharmacology*, Vol 2 (1), 43-48, 2009.
- 11 **”Comparative study of fly ash and fly ash mixed bacterial culture on the growth of *Arachis hypogea*”** *J of pure and appliedmicrobiology*, Vol 3 No (2):613 – 616, 2009.
- 12 **“Prevalence of AIDS in Tamilnadu”**, *Asian Jr of Microbiol. Biotech.Env.Sc.* Vol. , No (2): 273-274, 2008.
- 13 **“Role of Laccase in the Detoxification of Pesticides”**, *Convergence*,Vol 6, 91-97, 2004

GENE SEQUENCE SUBMISSION IN GENE BANK

- 1 Muthumani,V., Archana,J., Bhuvanewari,R. and Gopinath,L.R.**Acinetobactercalcoaceticus strain MORSB5 16S ribosomal RNA gene, partial sequence. FEB 2020.**GenBank: MT043742.1
2. Kowsalyadevi,V., Muthumani,V. and Vaishnavi,s. **Enterobacterkobei strain PPSB5 16S ribosomal RNA gene, partial sequence. FEB 2020.** GenBank: MT071342.1
3. Kowsalyadevi,V., Muthumani,V. and Rooba,R. **Microbacteriummarinilacus strain PB1 16S ribosomal RNA gene, partial sequence. FEB 2020.** GenBank: MT071343.1

4. Papers Presented in Seminars/ Conferences/ National/ International

1. “Role of Exercise in HIV” held at Selvam College of Arts and Science, Namakkal on 8th july 2016.
2. Prevalence of AIDS in Tamilnadu held at kurinji College of Arts and Science, Trichy, on 5th October 2007.
2. “Laccase Mediated Detoxification On Pesticides” at Ayyanadar Janakiammal College, Sivakasi on 18th -20th August 2004.
3. “Isolation and purification of immunoglobulin from Egg yolk By Different Methods” at American college, Madurai from March 1st -3rd, 2001.
4. “Identification and Characterization of Non Fermentors from Clinical Specimens” held at Alappuzha, Kerala from 25th -27th March, 2000.
5. “Source and spread of post Operative Infection in General Surgical Wards” held at AlapuzhaKerla from 25th -27th March, 2000.
6. “Antibiotic Sensitivity in Garlic” at Madurai Kamaraj University, Madurai on 28th March 2000.

7 “Antibiotic Sensitivity of Microorganisms present in Milk” at Madurai Kamaraj University, Madurai on 28th March 2000.

3. Participation in Seminar/ Conferences/ Workshop

1. Participated in DBT Sponsored one day National level Workshop on “Intellectual Property Rights & Innovations” held on 24th August 2019 at Muthayammal College of Arts and Science, Rasipuram 637 408.
2. Participated in two days Master Training program on “Soft Skill and Industry Awareness” held on 24th and 25th January 2018 at Shri Sakthikailash Women’s College, Salem. Conducted by TANSICHE & ICT Academy of Tamilnadu.
3. Participated in Science Academies Sponsored two days lecture workshop on “Recent Trends in Biological Sciences (RTBS-18)” held on 30 & 31st August, 2018 at Arigner Anna Government Arts College, Namakkal.
4. Participated in one day National Workshop on “Spirulina – Mass Cultivation and its Recent Advancements” held on 27th September, 2018 at Selvam Arts and Science College (Autonomous), Namakkal
5. Participated in One day “Eye Donation Awareness Camp” organized by Lions Club International held on 20th September, 2014 at N K R Govt Arts College for Women Namakkal
6. Participated in UGC sponsored one day workshop on “ Teaching – Learning and Evaluation” organized by IQAC on 9th February 2012 at N K R Govt Arts College for women , Namakkal
7. Participated in the 3 days Workshop on “Gender positive initiatives for Releasing leadership skills among women students” held during 29th – 31st January, 2008 at Cauvery College for Women, Trichy
8. Participated in the Orientation Programme under Convergence Scheme, IGNOU held on 4th December 2008 at Lady Doak College, Madurai
9. Attended a one day Training Programme in “Vermicomposting & Panchakaviya Preparation” conducted by the Dept of Botany, A.V.V.M. Shri Pushpam College, Poondi held on 26th July 2005.
10. Participated in “Workshop on Basic Techniques in Modern Biology” organized by Department of Biotechnology, ANJA College Sivakasi, on 11th & 12th Jan, 2000.
11. Participated in Three Day Training Programme on “Mass cultivation of Biofertilizer” conducted by the Department of Botany, ANJA College, Sivakasi on 24th-26th, Feb 2000.
12. Participated in the TNGCTA 19th State Conference on the theme Quality Higher Education for all: Challenges and Achievements on 5th & 6th January ,2019 at Bharathiar University, Coimbatore.

WEBINARS ATTENDED:

1. Participated in the Webinar on the theme Biodiversity informatics and documentation through citizen Science on the India biodiversity portal : Organized by Dept of Zoology, St .Xaviers college for women, Aluva , on 22.05.2020 .
2. Participated in Covid – 19 Awareness Online quiz Programme : Organized by Dept of Microbiology, Sengunthar Arts and Science College , Tiruchengode , on 07.06.2020 .
3. Participated in “Zoology E Quiz Series – 3” : Organized by Dept of Zoology, Holy cross College , Nagercoil , on 05.06.2020
4. Participated in one day international Webinar on “Silicon: Plant Heavy Metal Toxicity” on 27.07.2020. Organized by Dept of Botany, N K R Govt Arts College, Namakkal.
5. Participated in online Quiz on “World Hepatitis Day” Organized by PG & research Department of Microbiology, Hindusthan College of Arts & Science, Coimbatore.
6. Participated in the Webinar on “ Insights on Infectious and Rare Diseases” Organized by dept of Zoology, G T N Arts College, Dindigul on 15.05.2020.
7. Participated in the Webinar on “ Bacterial Virulence: Perceptive and Pragmatic approach” organized by Dept of Microbiology, Indian Academy Degree College – autonomous, Bangalore On 05.05.2020.

4. Books Published: NIL