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CURRICULUM VITAE

Name : **R.S.VIGNESHWARI**
Nationality : Indian
Date of Birth : 04.05.1981
Qualification : **M.Sc., M.Phil.,Ph.D**
SLET QUALIFIED
TOTAL EXPERIENCE : **10 Years (teaching 7years, research 3 years)**
GUIDESHIP : **Guided M.sc and M.phil projects.**
Guided a candidate in sts-ICMR (2012).
Total No. of Papers Published : **13**

FUNDED PROJECT

Evaluation Of Antimicrobial Efficacy Of “Pure Hands”- A herbal hand Sanitizer- **Co Investigator**. Funded by Himalaya Drug Company.

TRAININGS UNDERTAKEN

- UGC sponsored Refresher course on “ Techniques in Molecular Biology and Genomics” (2005)
- Participated in many national and international seminars and conferences.

AWARDS

- Obtained University 4thrank in M.Sc (2003)
- Best Poster Award in SOZOCON 2011

Education : **Ph.D (Microbiology) 2017**
Characterization of Multiple Antibiotic Resistant *E.coli* in clinical and Marine Environmental Strains.
(Regular Srimad Andavan Arts and Science College)

M.Phil (Biotechnology)

Bharathidasan University, Tiruchy
[Nodular enhancement of leguminous plants using
Rhizobium & Agrobacterium species]
Passed in 2005
Percentage of Marks:**74.3**

M.Sc., Microbiology
Bharathidasan University passed in 2003
Obtained university **4th rank.**
Percentage of Marks:**84.6**

B.Sc., Microbiology,
S.T.E.T.Womenscollege,Mannargudi
(Bharathidasan University, Tiruchy).
Passed in 2001
Percentage of Marks:**74.3**

Computer Skill : Diploma in Client server Technology

LANGUAGES KNOWN : Tamil and English. Hindi (Read and write)

TEACHING EXPERIENCE (7Years):

- **Lecturer, Department of Microbiology, SRM Arts and science college,Kattangulathur,Chennai.**
- **Chennai medical college hospital and research centre, Trichy.**
- **Urnu Dhanalakshmi college.**

SUBJECTS HANDLED

- Fermentation Technology
- Industrial Microbiology
- General Microbiology
- Molecular Biology

- Marine Microbiology
- Bio Ethics
- Medical Parasitology
- R DNA technology and Biotechnology

RESEARCH EXPERIENCE : 5Years (SRF 2 years, Ph.D 3 years)

Senior Research Fellow – Chennai Medical College Hospital & Research Centre,Trichy.

Project works

- Heavy Metal(Lead)and antibiotic susceptibility profiles of *staphylococcus* sp isolated from Marine fish samples.(2019)
- The effect of cellular phone tower radiation on soil microbes.(2019)
- Molecular Analysis of Antimicrobial Resistance Pattern of clinical and environmental isolates of *Escherichia coli* (2012)
- Prevalance of bacterial vaginosis among women attending std clinic in a rural teaching hospital.(2012)
- Siderophore production and haemagglutination assay among uropathogenic E.coli.(2011)
- Bacteriological contamination of mobile phones and hand washing habit among rural population.(2011)
- Microbial flora in operation theatres and intensive care units.(2011)
- Microbiological studies of nasal flora among the medical students before and after exposure to formalin in the dissection hall.(2011)
- Asymptomatic bacteriuria among rural antenatal women.(2011)
- Isolation,Partial Characterization and Purification of Bacteriocinproduced by *Lactobacillus plantarum* and *L .brevis* (2007).
- Comparison of Lipase production by Bacillus spp. isolated from various sources and partial characterization and purification. (2007).
- Studies on Antibiotic resistance of *E.coli*isolates obtained from four different healthy domestic animals.(2006).
- Isolation, optimization and partial purification of alkaline protease from an Estuary isolate of *Aspergillus niger*. (2007)
- The seroprevalence study of Hepatitis B & C and syphilis among the irular tribal population of Tamilnadu.(2003)

PROGRAMME ORGANIZED

S.No.	Programme	Place & Sponsor	Date(s)	Position
1.	Two day workshop on Neglected Tropical Diseases	CMCH & RC, Trichy & Indian Academy of Sciences, Bengaluru	26 th & 27 th Nov 2012	Organizing Member
2.	One Day CME on "Vaccines"	CMCH & RC, Trichy	20 th July 2012	Organizing Member
3.	World AIDS Day	CMCH & RC, Trichy	Dec 1 st - 2010, 2011, 2012	Organizing Member
4.	General Health Checkup camp for commercial sex workers	Kajamalai, Trichy	24th July	Organizing Member

POSTER PRESENTATIONS

ABSTRACT PUBLISHED IN BMC Proceedings International Conference on Prevention & Infection Control (ICPIC 2011) Geneva, Switzerland. 29 June – 2 July 2011

1. Antimicrobial resistance pattern of gram negative bacteria to 3rd and 4th generation Cephalosporins in rural and urban centres. BMC Proceedings 2011, 5(Suppl 6):P146 <https://b-com.mci-group.com/Registration/ICPIC11.aspx>.
2. Indian superbug: analysis of laypress reports. BMC Proceedings 2011, 5(Suppl 6):P301 <https://b-com.mci-group.com/Registration/ICPIC11.aspx>.
3. Isolation, Partial Purification and anti microbial activity of plantaricin against clinical isolates of Gram positive & Gram negative Bacteria. SOZOCON 2011.

LIST OF PUBLICATIONS

1. Antimicrobial Resistant Pattern of Gram Negative Bacteria to Third Generation Cephalosporins in Rural and Urban Centers of Tamilnadu, India. *International Journal of Biological Technology* (2012) 3(1):1-7

2. Virulence markers of Uropathogenic *Escherichia coli* for Trojan- horse drug delivery. **Int.J.Biological Technology (2012) 3(3):1-5**
3. Antimutagenic effects of compounds obtained from *Eclipta alba* linn against strains of *Salmonella typhimurium* .**International Journal of bioassays.(2012) 1(10), 101-06.**
4. Feasibility of examining bleach – ammonium sulphate processed sediment smears for acid fast bacilli- **International journal of research in pharmaceutical and biomedical sciences**
5. Prevalence of asymptomatic bacteriuria among antenatal women in rural tertiary care hospital, tamilnadu - **International journal of current microbiology and applied sciences.**
6. Nasal floral changes among medical students on exposure to formaldehyde. **Int.J.Curr.Microbiol.App.Sci (2013) 2(6): 246-253.**
7. Comparison of attitude of healthcare professionals and experience of HIV patients towards HIV/AIDS related stigma and discrimination.**Int.J.Curr.Microbiol.App.Sci (2013) 2(7):**
8. Role of probiotics in the treatment of bacterial vaginosis. **International Journal of Scientific & Technology Research (2014) 3(4).**
9. Utilization of Non steroidal anti inflammatory drugs in rural teaching hospital, Tamilnadu,south India. **UJP (2014), 3(1):115-119.**
10. Assesment of antimicrobial utilization, Prescribing pattern among health care professionals at a tertiary care rural teaching hospital in southern India. **BJPR (2014) 4(10).**
11. Antibiotic resistant patterns and plasmid profile of *E.coli* strains isolated from clinical samples of Cuddalore district, Tamilnadu. **Int. J. Adv. Res. Biol.Sci. 2(6): (2015): 121–128.**
12. Multidrug resistant and extended spectrum β -lactamase producing *E.coli* isolated from coastal waters of Bay of Bengal. **International Journal of Advanced Multidisciplinary Research 2(8): (2015): 88–97.**
13. Screening of Antibacterial Activity of Marine Sponges Extract Against Clinically significant MDR Pathogens. **Indian Journal of Applied Research (2014) 4(9).**
14. Control of multidrug resistant *E.coli* strains using Bacteriocin produced from *Lactobacillus plantarum*. R.S.Vigneshwari . **Indian Journal of Applied research,2016,6(11):54-56.**

Date:

R.S.VIGNESHWARI