

## CURRICULUM VITAE

Dr. R. KRISHNAVENI,

M.Sc., M.Phil., M.Phil., (Bio-Tech), Dip (Bio-INF), B.Ed., Ph.D., DMLT



1. Name : Dr. R. KRISHNAVENI
2. Designation & Address : Assistant Professor & Head  
PG & Research Department of Microbiology  
Idhaya College for Women, Kumbakonam,  
Pin: 612 001  
Email: [krishnavenimicro@gmail.com](mailto:krishnavenimicro@gmail.com)  
Contact: +91-8248083866
3. Department Activities :
  1. Coordinator for Departmental  
Special Lecture program
  2. Coordinator for National Council of  
Vocational and Research Training - DMLT
4. Field of specialization : Aqua Culture  
Artificial Feeding — Fish  
Mushroom Cultivation  
Vermicomposting  
Medical Microbiology  
rDNA Technology  
Bio-Informatics
5. Prizes, Medals, Awards,  
others, Honors received : College Topper in M.Phil., and won  
Theran Chinnamalai Endowment prize  
For academic records by Chief Minister  
Thiru Dr. M. KARUNANITHI.

## 6. Academic Qualifications:

Degree	Institution	Specialization	University/ Board	Period	Score in %
DMLT	National Council Of Vocational and Research Training	DMLT	Central Board Of Education, New Delhi	2016-2018	85.5
Ph.D	Government Arts College for Men (Autonomous) Kumbakonam.	Zoology	Bharathidasan University	2015-2018	80.2 Highly Commended
DIP (Bio) INF	Glyus Bio Informatics, Chennai.	Bio Informatics	Madras Uiuversity	2005-2006	75
B.Ed	Sri Lakshmi Educational Initiations Jayankondam	Zoology	Tamilnadu Teachers Education/ University	2013-2014	83
M.Phil	Bharathdasan University, Trichy	Bio-Technology	Bharathidasan University	2011-2013	83
M.Phil	Sri A.V.V.M. Puspham College Poondi.	Zoology	Bharathidasan University	1998—1999	83
M.Sc	Sri A.V.V.M. Puspham College Poondi.	Zoology	Bharathidasan University	1995-1997	75.4
B.Sc	Government College For Women, Kumbakonam	Zoology	Bharathidasan University	1992-1995	76
HSC	Town Higher Secondary, School, Kumbakonam.	-	State Board	1990—1992	74
SSLC	St. Joseph's Girls Hr. Sec. School, Kumbakonam.	-	State Board	1989-1990	75

## **7. Funding Projects:**

<b>S.No</b>	<b>Authors</b>	<b>Title of the paper</b>	<b>Funding Agency</b>	<b>Sanctioned Amount</b>	<b>Date</b>
1.	<b>Dr.R.Krishnaveni</b>	Luminescence activities of Phosphorous	National fundings Baroda, Gujarat	0.75 Lakh	31.08.2019
2.			SV-Enterprises	3.805 Lakhs	01.09.2019

## **8. Details of contributions / Achievement made**

### **Teaching & Research**

**I am teaching the following subjects for M.Sc., Microbiology course students and M.Phil scholars.**

Microbial Physiology, Bio-technology, Virology, Medical Microbiology, Immunology, Cell Biology, Genetics', rDNA Technology,

Liquid solid culture of Bacteria, isolation transformation DNA isolation, purification, Electrophoresis, PCR, Confocal, fluorescence. Light microscopy, Western blotting, ELSIA, Enzymatic assays, Spectrophotometry, Chromatography,

## **9. National/ International Workshop / Conference / Seminar and training program organized.**

1. I have organized National workshop on Wealth from Waste Edible mushroom cultivation Bio-fertilizer production 14th Oct' 2016. Idhaya College for Women Kumbakonam
2. I have organized National workshop on Bio-remediation of hydro carbon polluted soil' on 18<sup>th</sup> Sep 2018. Idhaya College for Women Kumbakonam.
3. I have organized International workshop on "Advances in Industrial Microbiology (In'AIM-2019)' 24<sup>th</sup> Jan'2019. Idhaya College for Women Kumbakonam
4. I have organized on self-employment training program for self-help group and farmers KMS kumbakonam 13<sup>th</sup> Feb 2019, Idhaya College for Women, Kumbakonam.

5. I have organized on self-employment training program for self-help group and farmers KMS kumbakonam 10<sup>th</sup> Sep 2018, Idhaya College for Women, Kumbakonam.
6. I have organized on horticulture technique to the student on 10<sup>th</sup> Feb'2018. Idhaya College for Women, kumbakonam.
7. I have organized one day workshop on “APICULTURE TECHNIQUE HONEYBEE REARING” 21<sup>st</sup> Aug’ 2018. Idhaya College for women, kumbakonam.

### **10. Published papers:**

<b>S.No</b>	<b>Author Name &amp; Year</b>	<b>Title n f the paper</b>	<b>Institution organized by</b>	<b>ISSN No.</b>
1.	Krishnaveni R, palanivelu K, and Velavan S. (2013)	Spiritualizing effect of probiotic and spirulina on growth and biochemical performance in common carp (Catla Catla).	International Journal of Research in Zoology	2278-1358
2.	Krishnaveni R, Palanivelu K, and Velavan S. (2013)	Effects of probiotics and spirulina supplementation on haemato- immunological function of catla catla	International journal of Research in Fisheries and Aquaculture.(communicated).	2277-7729
3.	R.Sbina Gowri and R.Krishnaveni (2018)	Isolation and Identification of Bacterial infected Eyes	World Journal of Science and Research	2455-2208
4.	R.Sbina Gowri and R.Krishnaveni and V. Eugin Amala (2018)	Analysing Antimicrobial Activity and Phytochemical study of Microbes from ophthalmic Infection Against <i>Ocimum sanctum</i> , <i>L. lecus aspera</i> . <i>L</i> , <i>Tabernaemontana divaricate</i> . <i>L</i> , <i>Ricinus communis</i> . <i>L</i> ,	Journal of Emerging Technologies and Innovative Research	2349-5162
5.	A. Munikumari, K. Senthilkannan, M. Pradhap, S. Jeyakumar, R. Krishnaveni, P. Birmanathan, M. Vimalan (2019)	XRD, Therapeutic Applications of Acne, Beam Displacement, Chnso, Fl, refractive Influx, Mass Spectral and Ldt Characterisations of 4 (4-Chloro – Phen-Yl) -7, 7 – Di- Methyl-7,8-D hydro-4h-1- Benzo- pyran-2,5 (3h,6h)- Dione Crystals	American International journal of Research in Science, Technology, Engineering & Mathematics	2328-3629

6.	R. Krishnaveni, K. SenthilKannan, V. Eugin Amala, M. Pradhap, S. Jeyakumar, A. Munikumari, P. Birmanathan (2019)	Microbiology Estimation of wound infectivity and Antimicrobial Accessibility Against Citrus Sinensis, punicagranatum	American International journal of Research in Science, Technology, Engineering & Mathematics	2328-3629
7.	Epsy Devakirubai, K. SenthilKannan, M. Vimalan, S. Tamilselvan, S.M. Ravikumar, R. Krishnaveni, S. Jeyakumar (2019)	XRD, CHNO, FL, Refractive Influx, Beam Displacement, Mass Spectral And Ldt Characterisations of L-Alaninium fumarate (Laf) Organic Nlo crystals.	American International journal of Research in Formal, Applied & Natural Science,	2328-3793
8.	A. Swedha, R. Krishnaveni, V. Eugin Amala (2019)	Deterioration of Bread by Fungi and Their Bio control measures by Using Citrus Limon	Journal of Emerging Technologies and Innovative Research	2349-5162
9.	R. Krishnaveni, R. Nevithitha, V. Eugin Amala and R. Umamaheswari (2019)	Comparitive Studies of Antibacterial Activities of Traditionally Used indian Medicinal plants Against <i>E. coli</i> pathogenic Organism	World journal of Pharmacy and Pharmaceutical Sciences	2278-4357
10.	S. Sangavi, R. Krishnaveni. V. eugin Amala, R. Umamaheswari (2019)	Studies on Characterization of Microbes on Computer Keyboards and testing The Isolates With Disinfectants	World Journal of pharmacy and Pharmaceutical Sciences	2278-4357
11.	K. Senthilkannan, R. Krishnaveni, S. Jeyakumar, R. ranadevan (2019)	Using Reckinings for the Enhancement of Metabolism profil parameters – A comparative characterization on the Effectiveness Values of Aerobics ans Aerobis with Resistance Training on Cardiovascular (cvs) Fitness In Young Obese Sedentary Females	PROCESSING	-
12.	R.Krishnaveni (2019)	XRD, theoretical, CHNSO, photo-luminescence crams of L-arginium semi oxalate-LARSO crystals	International Journal of pharmacy and biological sciences	-
13.	R.Krishnaveni (2019)	Effectiveness of the mulligan mobilization against the Mcconal taping a proportional investigation for patients with lateral Epicondilitis disorder with the ultra sound competence.	Adalya Journal	-

14.	R.Krishnaveni (2019)	Comparative study of microbial analysis of pasteurized milks of five numbers with goat milk	Compliance engineering Journal	-
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### **11. Paper Publications in Proceedings:**

15.	R.Krishnaveni (2019)	The effects of water pollution by using histopathological Study of <i>Tilapia mossambica</i> in polluted pond	International Life Sciences and Pharma Research	-
16.	R.Krishnaveni (2019)	Isolation of microbes from dental caries and its Bactericidal activity with <i>Psidium guajava</i> and <i>Punica granatum</i>	International Life Sciences and Pharma Research	-
17.	R.Krishnaveni (2019)	Utilization of dormant stage of bacillus megatherium as an Inoculant	International Life Sciences and Pharma Research	-
18.	R.Krishnaveni (2019)	Production and quality attributes of mixed wine From grapes ( <i>vitis vinifera</i> ) and dates ( <i>phoenix dactylifera</i> )	International Life Sciences and Pharma Research	-
19.	R.Krishnaveni (2019)	Prevalence of microbes on dogs ( <i>cannis lupus</i> ) andesting The multidrug resistance of isolates	International Life Sciences and Pharma Research	-
20.	R.Krishnaveni (2019)	Antibacterial, antifungal and phytochemical screening of Methanolic extract of <i>Tabernaemontana divaricata</i> single and double Flower varieties	International Life Sciences and Pharma Research	-
21.	R.Krishnaveni (2019)	Isolation of microbes from dental caries and its bactericidal Activity with clove oil and <i>Ocimum sanctum(l.)</i>	International Life Sciences and Pharma Research	-
22.	R.Krishnaveni (2019)	Fluctuation of total microbial load of staphylococcus and streptococcus Species in dental caries of man ( <i>Homosapiens</i> )	International Life Sciences and Pharma Research	-

23.	R.Krishnaveni (2019)	Isolation and identification of microbes from nail Sample and antidermatophytic activities on <i>Lawsonia inermis</i> (Henna plant), dettol solution and aloe vera ( <i>Aloe Barbadensis</i> ) herbal soap	International Life Sciences and Pharma Research	-
4.	R.Krishnaveni (2019)	Microbial analysis of probiotics and pathogenic microbes on Chocolates	International Life Sciences and Pharma Research (In process)	-
25.	R.Krishnaveni (2019)	Isolation, characterization and effects of Antibiotics and disinfectants on Various wound samples	International Life Sciences and Pharma Research (In process)	-
26.	R.Krishnaveni (2019)	Isolation and comparison of parasites and Antibiotic susceptivity patterns of coliforms in Stool samples of hospitalized patients.	International Life Sciences and Pharma Research (In process)	-
27.	R.Krishnaveni (2019)	Isolation, production, characterization of phosphatase enzyme produced by fungi and Bacteria isolated from idhaya college	International Life Sciences and Pharma Research in	-

## 12. RESOURCE PERSON IN OTHER COLLEGES

S.No	Authors	Title	College	Date
1.	<b>Dr.R.Krishnaveni</b>	International seminar on microbial Intervention for welfare of Human beings MIWHB-2019	Bharathidasan University, Trichy	March 21 2019
2.		International Conference ICAOSMAT-2019	EGS Pillai Arts and Science College, Nagappattinam	July 4 <sup>th</sup> 2019
3.		International Society for Microbial Ecology, Netherland sponsored National seminar on Microbes in Women health	Bharathidasan University, Trichy	11-12 July 2019
4.		National conference on Advanced material and Environmental Science (NCAMES)	Kalinga University, Raipur	October 14-15, 2019

### **13. Number of years of Research. Experience: 16 years**

#### **Teaching Experience: 16 years**

##### **School**

- ✚ **PG Assit. (Biology)** -2014 to 2016 -2 years in Christ The King Matric Hr. Sec.School, Kumbakonam.

##### **College**

- ✚ **Asst.Prof.(Microbiology)**-1999 to 2000 -1 year in Sri Sarada Niketan College for Women,Karur.
- ✚ **Asst.Prof.(Microbiology)**-2000 to 2009, 2016 to till date -13 year in Idhaya College for Women, Kumbakonam.

### **14. Awareness Program Conducted:**

- ✚ Act as a chief guest NSS Idhaya unit 153,154,155 and delivery a lecture about **“Menstrual disorders and personal hygienic”** 5<sup>th</sup> Mar 2019.
- ✚ Act as a chief guest and deliver a lecture on **“Pathogenesis and presentational methods of dengue fever”** at Sri Sarawathi Padasala Girls Higher Secondary School. Government High School. Bannathurai.Kuiubakonam 5<sup>th</sup> Dec’ 2018.
- ✚ Act as a chief guest science club exhibition at Morning Star Higher Secondary School, 2007
- ✚ Organized various social welfare activities like **Blood Donation Camps, Eye Checkup Camps, etch**
- ✚ Worked as a **“RED CROSS” Coordinator** in Idhaya College for women Kumbakonam (2003-2008].
- ✚ Worked as a Women Cell Coordinator in Idhaya College for Women (2002 -2003)

### **15. Other Academic Services**

1. Dhanalakshmi Srinivvasan College, Perambalur.
2. Sri Krishnan Arts and Science College, Coimbatore



## **16. International and National Symposium / Conferences / Seminar / Workshops attended**

- ❖ International Symposium on Bio-Chemistry department of Zoology A.V.V.M Sri Pusspham college poondi, Thanjavur (Dt) January 8<sup>th</sup> to 10<sup>th</sup>, 1998
- ❖ Environmental Studies CUGC's compulsory core module course. Organized by the council for college and curriculum development. (CCCD). Bharathidasan University, Trichy. 5<sup>th</sup> to 10<sup>th</sup> Jan-2004.
- ❖ Workshop on Techniques in experimental and clinical Immunology. Organized by department of Bio-Chemistry St. Joseph College Autonomus) Trichy. 25<sup>th</sup> to 26<sup>th</sup> Feb-2004.
- ❖ Refresher course in Microbiology from 1.11.2004 to 21.11.2004 and obtain grade A. UGC Academic Staff College. Bharathidasan University, Trichy-620 023, Tamilnadu.
- ❖ One day orientation Training program for college YRC program officers and student volunteers on 25-1-2005. Government Arts College, Kumbakonam.
- ❖ State Level Seminar on Emerging Trends in mathematical Bio-chemistry (ETMB-08) held at Government College for Women (Autonomous), Kumbakonam.
- ❖ "Wealth from waste Edible mushroom cultivation Bio-fertilizer production" 14<sup>th</sup> Oct'2015. Idhaya College for women Kumbakonam.
- ❖ "Bio-remediation of hydro carbon polluted soil on 2017. Idhaya College for women, kumbakonam.
- ❖ "Advances in Industrial Microbiology (IWAIM-2019)" 24<sup>th</sup> Jan'2019. Idhaya College for Women Kumbakonam
- ❖ State level Faculty Development programme on "Teaching methods to Enhance the Emotional Intelligence of the millennium youth" on 2<sup>nd</sup> Feb' 2019. Idhaya College for Women, Kumbakonam

### **17. Book Publication:**

S.No	Name	Title	Author/Editor /Reviewer	ISBN NO.	Publishers
1.	Dr.R.Krishnaveni	Preamble to Biomaterial and its applications in Science and Technology	Principal author	978-1-79480-166-0-900	LULU Publication, North Carolina, United States
2.		Proceedings of the 2 <sup>nd</sup> ICAMSMB-2020	Editor in Chief	2250-0480	Iyal Publication
3.		Proceeding of ICOMAS-2019	Reviewer, Sub Editor	978-79481601-1	EGS Pillay Arts & Science College, Nagappattinam

### **18. Book Chapters Written:**

S.No	Author	Title	ISBN NO. Publisher	Reviewer
1.	<b>R.Krishnaveni</b>	Anti-inflammatory & crystalline hardness characterization of 4,4 chloro Benzo- Pyran 215-Dione-Comparative study	Elsevier	Reviewer
2.	<b>R.Krishnaveni</b>	Assesement of microbial spoilage of milk samples	Sengamalathayar Educational Trust	-
3.	<b>R.Krishnaveni</b>	Studies on antagonistic activity of <i>Trichoderma viridae</i> against <i>Rhizopus</i> sp.	Sengamalathayar Educational Trust	-
4.	<b>R.Krishnaveni</b>	Biomedical action of Zinc oxide film		-
5.	<b>R.Krishnaveni</b>	Studies on antagonistic activity of <i>Trichoderma viridae</i> against <i>Rhizopus</i> sp.	Sengamalathayar Educational Trust	-
6.	<b>R.Krishnaveni</b>	Preamble to biomaterial and its applications in science and technology	International Publisher 978-1-79480-166-0-900	-
7.	<b>R.Krishnaveni</b>	Nanotechnology	Roshini Publications	-
8.	<b>R.Krishnaveni</b>	Extraction of silver nano particles by Green synthesis from aqueous extract of Seaweed & their consequences on Hela Cell & their utility on soil by way of Spectroscopic tools	Springer Publications	-
9.	<b>R.Krishnaveni</b>	Studies of haematological parameters of pregnant women fed with homemade dried fruits and nuts		-

10.	<b>R.Krishnaveni</b>	Characterization of Ranihet disease virus chicken	ICAOMAST-2019	-
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### 19. PAPERS PROCEEDINGS:

S.No	Author	Title of the paper	Journal Name	ISSN.NO	Care unit
1.	<b>R.Krishnaveni</b>	Genetic variations in mitochondrial DNA of Sepia species by RFLP and Dendogram	Aegaeum Journal	0776-3808	UGC
2.	<b>R.Krishnaveni</b>	Isolation and identification of microorganism from dental caries sample and studying the antimicrobial activity of aqueous and acetone extracts of neem, garlic, cinnamon, clove bud.	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
3.	<b>R.Krishnaveni</b>	Isolation of microbes from dental caries and its bactericidal activity with clove oil and <i>Ocimum sanctum(L.)</i>	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
4.	<b>R.Krishnaveni</b>	The callus induction and anti-bacterial activity studies on <i>Centella asiatica</i>	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
5.	<b>R.Krishnaveni</b>	Isolation of microbes from dental caries and its bactericidal activity with <i>Psidium guajava</i> And <i>Punica granatum</i>	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
6.	<b>R.Krishnaveni</b>	Evaluation of phytochemical screening and antibacterial efficacy of <i>Syzygium cumini</i> on diabetic wound pathogenic bacteria	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
7.	<b>R.Krishnaveni</b>	Antibacterial activity of <i>Lawsonia inermis</i>	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC

8.	<b>R.Krishnaveni</b>	Anti Diabetic studies of l-arginine para nitrobenzoate monohydrate crystals	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
9.	<b>R.Krishnaveni</b>	Phytochemical screening and antibacterial activity of <i>Acalypha indica</i> Linn.	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
10.	<b>R.Krishnaveni</b>	Isolation, production and characterization of phosphatase enzyme produced by fungi and bacteria isolated from Idhaya college garden soil	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
11.	<b>R.Krishnaveni</b>	Isolation, characterization and effects of antibiotics and disinfectants on various wound samples	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
12.	<b>R.Krishnaveni</b>	Microbial analysis of probiotics and pathogenic microbes on chocolates	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
13.	<b>R.Krishnaveni</b>	Isolation and comparison of parasites and antibiotic susceptibility patterns of coliforms in stool samples of hospitalized patients.	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
14.	<b>R.Krishnaveni</b>	Utilization of dormant stage of <i>Bacillus megatherium</i> as an inoculant	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
15.	<b>R.Krishnaveni</b>	Production and quality attributes of mixed wine from grapes ( <i>Vitis vinifera</i> ) and dates ( <i>Phoenix dactylifera</i> )	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC

16.	<b>R.Krishnaveni</b>	Determine and analyze the genetic diversity of mitochondrial DNA From sepia species by Restriction Fragment Length Polymorphism (RFLP)	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
17.	<b>R.Krishnaveni</b>	Characterization and anti biogram of microbes on burning wound sample	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
18.	<b>R.Krishnaveni</b>	Antibacterial, antifungal and phytochemical screening of methanolic extract of <i>Tabernaemontana divaricata</i> Single and Double Flower Varetities	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
19.	<b>R.Krishnaveni</b>	Fluctuation of total microbial load of <i>Staphylococcus</i> And <i>Streptococcus</i> species in dental caries of man ( <i>Homosapiens</i> )	Advances in Medical Science & Molecular Biology	ISBN 9789385283635	UGC
20.	<b>R.Krishnaveni</b>	Isolation and Identification of microbes from nail and antidermatophytic activities on <i>Lavsonia inermis</i> (Henna plant) Dettol solution and Aloe vera Aloe barbendensii soap	International Conference ICAOMAST-2019		UGC
21.	<b>R.Krishnaveni</b>	Isolation and Identification of oral microbes on Domestic Dogs and testing its multidrug resistance of <i>Pseudomonas</i> sp.	International Conference		UGC
22.	<b>R.Krishnaveni</b>	Spirulating effects of probiotic and spirulina on growth and biochemical performance in major crops	International Journal of Research Zoology	2278-1356	UGC
23.	<b>R.Krishnaveni</b>	Suitability of straw of various paddy straw variation and seasonal variation on yield of Oyster mushroom <i>Pleurotus florida</i>	International Conference ICAOMAST-2019		UGC

24.	<b>R.Krishnaveni</b>	Isolation and Identification of bacteria from Biomedical wastes	International Conference ICAOMAST -2019		UGC
25.	<b>R.Krishnaveni</b>	Isolation and Identification of microbes from Non-pregnant and Pregnant women infected with Valginitis	International Conference ICAOMAST -2019		UGC
26.	<b>R.Krishnaveni</b>	Effects of probiotics and spirulina supplementation of haematological and Immunological function of <i>Catla Catla</i>	International Journal of Research in fisheries and Aquaculture	2277-7729	UGC
27.	<b>R.Krishnaveni</b>	A study on Evaluation of antibacterial effect of Musa paradisiaca leaf and unripe against Burant sample	International Conference ICAOMAST -2019		UGC
28.	<b>R.Krishnaveni</b>	Isolation and Identification of bacterial infections on eyes	World Journal of Science & Reseach	2455-2208	UGC
29.	<b>R.Krishnaveni</b>	Analysis of Antimicrobial activity and phytochemical studies & microbes from ophthalmic infection against Ocimum sanctum, Leucus aspera, Ricinus communis	Journal of emerging technologies and Innovative research	2349-5162	UGC
30.	<b>R.Krishnaveni</b>	XRD, Therapeutic applications of acne, beam displacement, refractive influr, mass spectral ad ldt, characterization of 4-(4-chloro-phenyl) 7,7-Dimethyl 4, 8-D-Hydro, Benzo-pyram- Dione crystals	American International Journal of Research in Science & technology, Engineering Mathematics	2328-3629	ICI
31.	<b>R.Krishnaveni</b>	Microbial estimation of wound infectivity and antimicrobial assesibility of <i>Citrus sinensis</i> , <i>Punica granatum</i>	American International Journal of Research in Science & technology, Engineering Mathematics	2328-3629	ICI

32.	<b>R.Krishnaveni</b>	XRD, CHNO, FL, Refractive index, Beam Displacement, Mass spectral and characterization of L.alaninium fumarates organic NO crystals	Journal of Engineering Technology and Innovative Research	2349-5162	UGC
33.	<b>R.Krishnaveni</b>	Deterioration of Bread by fungi and their Biocontro, measures by using <i>Citrus limen</i>	Journal of Engineering Technology and Innovative Research	2349-5162	UGC
34.	<b>R.Krishnaveni</b>	Comparative studies of antibacterial activities of traditionally used Indial plants against <i>E.coli</i> , pathogenic organism Biomedical action of Zinc oxide film	World Journal of Pharmacy and Pharmaceutic al Science	2278-4357	UGC
35.	<b>R.Krishnaveni</b>	Microbial spoilage of carrot providing Koch postulates	International Conference ICAOMAST-2019		
36.	<b>R.Krishnaveni</b>	Studies of characterization of microbes on computer keyboards and testing the isolates with Disinfections	World Journal of Pharmacy and Pharmaceutic al Science	2278-4357	UGC
37.	<b>R.Krishnaveni</b>	Anti diabetic (AD) activities of L-valinium picrate (LVP) macro and nano crystals	Materials Today		UGC
38.	<b>R.Krishnaveni</b>	Anti microbial and fluorescence activities of L-valinium picrate (LVP) macro and nano crystals	Materials Today		UGC
39.	<b>R.Krishnaveni</b>	Biomedical action of Zinc oxide film	National Conference on Advanced material and Environmenta l Science		UGC

40.	<b>R.Krishnaveni</b>	Effectiveness of the Mulligan mobilization against the McConnel tapeng a proportional investigation for patients with lateral Epicondylitis disorder with the Ultra Sound competence	Adalya Journal	1301-2746	UGC
41.	<b>R.Krishnaveni</b>	Anti diabetic activities of L-valanium picrate (LVP) macro and nano crystals	Materials Today		Elsevier UGC-care
42.	<b>R.Krishnaveni</b>	Antimicrobial and Fluorescence activities of L-valinium picrate LVP macro and nano crystals	Materials Today		Elsevier UGC-care
43.	<b>R.Krishnaveni</b>	Isolation, production, and characterization of phosphatase enzyme produced by fungi and bacteria isolated from garden soil	Advances in Medical Science & Molecular Biology	ISBN 978938528363 5	UGC

## **20. Academic Projects:**

### **Ph.D:**

Evaluation of spirulina and Probiotics Supplementation on Growth, Biochemical And Immunological Performance of *catla Catla* Fengerlings.

### **M.Phil. Bio-technology:**

Study of Microorganism and Bio-chemical constituents of Catla (Ham) fed with Seaweed (*sargassum wight*) supplementary Diet.

### **M.Phil. Zoology:**

The effect of Physico-chemical parameters on the growth and Bio-Chemical composition of Indian Major Carp, *Catla Catla (Ham) Labeo rohita (Ham)* and *cirrhinus mrigala (Ham)*.

### **M.Sc., zoology:**

Effect of Nuvecron (LC<sub>50</sub>) and LD<sub>50</sub> concentration on *Tilapia mosambica*

## **21. Research Experience:**



- i) **Research Advisor approval in Bharathidasan University for Guiding Research scholars in M.Phil microbiology Program.**

**Reg. No.019050/R.A/ M.Phil/ Mic-Bio/ 2007/ Date 27/07/2007**

- ii) **Research Advisor for Guiding Research Scholars in M.Phil Zoology in Periyar University, Selam.**

**Approval No: MZO/0562/2006**

**Guided for M.Phil. M.Sc., Microbiology & bio-technology scholars.**

- ✓ M.Phil. Microbiology ' 20 Scholars in Bharathidasan University.
- ✓ M.Phil., Zoology & Biotechnology' 16 Scholars in Periyar,University .
- ✓

**22. Project Guided:**

**M.Sc Microbiology : 19**

**M.Phil Microbiology : 24**

**M.Phil Zoology : 8**

**M.PhilBio-Informatics : 1**

**23. Project Guided for M.Sc / II. Phit Scholars:**

**M.Sc, Microbiology:**

1. Microbial culturing, isolation identification and characterization of organisms from various wounds - Apr' 2000.
2. Isolation, Identification and Characterization of Micro Organisms from Various Meat Sample. - Apr' 2000.
3. Biocidal Action of Zinc Oxide film.- Apr' 2007
4. Seed borne Mycoflora of Some Economically Important Seeds of leguminous plants - Mar' 2008.
5. Decolourization of textile and dye amended soils by fungi- Mar 2008
6. Utilization of dormant stage of *Bacillus megatherium* as inoculants - Mar' 2008
7. Cyst formation in *Azospirillum* a case study - Mar' 2008.
8. A study of isolation of arbuscular mycorrhizal fungi from heavy metals polluted rhizosphere soil and from the roots of grasses - Mar' 2008.
9. Isolation and identification of lactic acid bacteria from different dairy products and

- determination of antagonistic activity against food borne pathogenic bacteria and antibiotic resistant activity against five synthetic antibiotics — 2016 to 2017
10. Antimicrobial activity of medicinal plants green tea (*Camellia sinensis*) illavangam (*Cinnamomum verum*), pomegranate (*Punica granatum*) used against UTI (Urinary Tract Infection) causing pathogens - Apr' 2018
  11. Isolation and identification of microbes from nail sample and antifungal activities on *Lawsonia inermis* (henna plant), Dettol solution and aloe vera (*Aloe barbadensis*) herbal soap – Apr' 2018.
  12. Ecology of Microbial Spoilage on Carrot (*Daucus carota*) - Apr' 2018
  13. The Microbial Diversity And Physio-Chemical Analysis Of Vermicompost and Biocompost Soil and Their Effect on Growth and Yields of *Phaseolus mungo* - Apr' 2018.
  14. Mobile Phone as Potential Reservoirs of Bacterial Pathogens and Evaluate the Clearing Ability of 70% Ethanol and Acetone - Apr' 2018
  15. Isolation of enteric pathogens and other microbes from milk samples - Apr' 2019.
  16. Testing of traditionally used Indian plants and its antimicrobial activity against pathogen *E. Coli* Sp., - Apr' 2019.
  17. Isolation and characterization of microbes on computer keyboard and testing the isolates with disinfectants ethanol and formalin - Apr' 2019.
  18. Microbial analysis of probiotics and pathogenic microbes on chocolates - Apr 2019
  19. Studies on hematological parameters of pregnant women fed with homemade dried fruits nuts - Apr' 2019.
  20. Microbial Assessment of wound Infection And Their Antimicrobial Susceptibility Against with *Punica granatum* - 2018 to 2019.
  21. Isolation of Enteric Pathogens And other Microbes From Milk Samples - 2018 to 2019.
  22. Microbial Assessment of Wound Infection And Their Antimicrobial Susceptibility Against with *Psidium guajava*, *Citrus limon*, *Citrus sinensis*, *Punica granatum* - 2018 to 2019.

**M.Phil., Microbiology:**

1. Effect of *Glomus macrocarpum* and scagras on growth, nutrition and productivity of *Vigna mungo* (L) Hepper - Aug' 2005.

2. Impact of Am Fungi on *Ocimum Sanctum* - Aug' 2007.
3. Characterization And Anti biogram of Microbes on Burning wound Sample – Aug' 2007.
4. In Yitro Callus Induction and Antibacterial ActiviH' Studies On *Centella asiatica* — An Important Medicinal Plant — Aug 2008
5. Suitability of straw of various paddy yarities and seasonal variation of field of oyster mushroom *Pleurotus species* – Aug' 2009.
6. Etiology and characterization of bovine mastitis in cow- Aug' 2009.
7. Isolation and comparison of parasites and antibiotic susceptibility patterns of coliforms in stool samples of hospitalized patients - Aug' 2009.
8. Isolation And Identification of N<sub>2</sub> Fixing Bacteria *Azopirrilum* and *Azoto bacter* From Paddy Field Soil of Thanjavur District - Aug' 2009.
9. Isolation and identification of microbes and effects of physic chemical parameters on the growth and bio-chemical composition of indian major carps *catla catla (catla)*, *Labeorohita (rogu)*, *Cirrhima mrigala (mrigal)* - Aug' 2009.
10. Isolation, Characterization and Effects of Antibiotics and Disinfectants on Various Wound Samples – Aug' 2009.
11. Microbial Etiology of Carrot (*Dacucs carota*) Spolage and study of Koch's postulates.
12. Studv of microorganisms and biochemical constituents of catla (ham) feed with sea weed (*Sargassum weightii*) as supplementary diet - 2009 to 2010.
13. Isolation of microbes on paddy field soil and case study of cyst forming *Azospirillum* - Aug' 2010.
14. Productivity and economics of cumbu – napier hybrid grass (KKM-1) in association with legumes and *Azospirillum* under different levels of nitrogen - Aug' 2010.
15. Isolation of microbes from dental caries and bactericidal activity of clove oil - Aug' 2010.
16. Study of Microbiological Analysis And Toxicity of Nuvacron (LC<sub>50</sub>) And Glutamate Dehydrogenase Activity in *Tilapia mossambica* – Aug' 2010.
17. The feeding habitat and microbiological analysis of fecal samples of the migratory birds litte reinged plover (*cardius dusbuis*) and Kentish plover (*cardius alexandrius*) - Aug' 2010.

18. Isolation, production and characterization of phosphatase enzyme produced by fungi and bacteria isolated from idhaya college garden soil- Aug' 2010.
19. Production and optimization of Xanthan gum by using *Xanthomonas campestris* – Aug' 2010.
20. The Effects of water pollution by using Histopathological study of *Tilapia mosambica* in polluted pond – Aug' 2010.
21. Insilico Comparative Analysis of ACC Inhibitors using Autodock — Jun'2010.
22. Isolation And Identification of Microbes Hi Ophthalmic Infection And Testing Antibiotic Susceptibility with *Ocimum Sanctum.L.*, And *Leucas Aspera, L.*, - Mar'2017
23. Deterioration of Bread by Fungi and Their Biocontrol Measures - Aug' 2018.
24. Analysis of antimicrobial activity and phytochemical studies of microbes from ophthalmic infection against *Oclmum sanctum. L.*, *Luecas aspera, L.*, *Tabermaemontana divaricata. L.*, *Ricinus communis.L.*, - 2019.

#### **M.Phil, Zoology**

1. Phsico-chemical.parameters and microbial analysis of Iidian major carp *Catla catla* (Ham), *Lebeo rohita* (Ham), *Cirrhinus mrigala* (Ham) - Sep' 2005.
2. Slidies on The Activity pattern And Feeding behavior of the little reinged plover (*charadrius Dubius*) and the kentish plover plover (*charadrius dubius*) in selected coastal mud flats of tamilnadu southern india – sep' 2005.
3. Isolation of Microbes on *Tilapia mosscunbicus* of Brackish water and fish Farm – Sep' 2005.
4. Study of Micro Organisms and Biochemical Constituents of Catla Catla (Ham) Fed with Seaweed (*Sargasoum weightii*) Supplementary diet - Sep' 2006.
5. Diurnal variations in the microbial population of human saliva - Sep' 2007.
6. Characterization of Microbes on Human (*Homo sapiens*) HAIR - Sep'2007.
7. Fluctuation of Total Microbial Load of Staphylococcus and Streptococcus Species in Dental Caries of Man (*Homo sapiens*) - Apr'2008.
8. Comparison of parasitic load and antibiotic susceptibility patterns of coliforms in stool samples of man (*Homo sapien*) in hospitalized individual - Mar 2009.

## **24. Personal Profile:**

Name : R. KRISHNAVENI

Qualification : M.Sc., M.Phil, M.Phil, (Bio-tech), Dip (Bio-INF), B.Ed., Ph.D., DMLT.,

Date of Birth : 31/07/1975

Gender : Female

Citizenship : India

Languages Known : Tamil & English

Marital status : Widower

Spouse name : B. Elavarasan, M.A., B.L., (Late)

Contact Address : W/o B. Elavarasan, M.A., B.L.,  
18/A8, kaliyapillai Street,  
Kumbakonam (po & Tk)  
Thanjavur (dt),  
Pin: 612 001