CURRICULUM VITAE

Dr. B. Jayanthi MSc, MPhil, PhD.

Mob.No:- 9629688173

Email:drjayanthib@gmail.com/bjayanthi13@rediffmail.com



ACADEMIC QUALIFICATIONS

- ❖ Doctor of Philosophy (Commended) specialized with Vermi-biotechnology (Faculty of Life Science – Zoology) from Bharathidasan University, Trichy in July - 2018.
- ❖ Master of Philosophy (First class with distinction) specialized with Vermi-technology (Faculty of Life Science – Zoology) from Bharathidasan University, Trichy in 2010.
- ❖ Master of Science in Zoology (First class) from Bharathidasan University, Trichy in 2006.
- **Bachelor of Science** in Zoology from Bharathidasan University, Trichy in 2004.

EXTRA QUALIFICATIONS

- ❖ Completed a **certificate course** titled "Innovative Teaching and Learning Skills for Online Classroom (CTOC-03X), 2021", conducted by **Tamilnadu Open University**.
- ❖ Completed a **NPTEL course** titled "Advanced Aquaculture Technology" on October 2022. (12 week certificate course).

TEACHING EXPERIENCE

Designation	College	Peri	iod	Responsibilities	
	G	From	То	•	
Guest Lecturer	Arignar Anna Government Arts	Feb. 2008	Amm 2010	Teaching	
Guest Lecturer	College, Musiri	Teo. 2008	Apr. 2010	1 caching	
Assistant	Holy Cross College Trichy	y Dec. 2018 Dec. 2023		Tasahina	
Professor	Holy Cross College, Trichy	Dec. 2018	Dec.2023	Teaching	

RESEARCH EXPERIENCE

❖ Ph. D. (2013-2016) :**VERMIBIOTECHNOLOGY**

❖ JRF (2010 to 2012) : **INTEGRATED SOLID WASTE MANAGEMENT**

o (MAJOR RESEARCH PROJECT Funded by UGC)

❖ M.Phil., (2006-2007) : **VERMITECHNOLOGY**

M. Sc., (2004-2006) : **SERICULTURE**

SPECIAL AWARDS

- Awarded as the best oral presentation by Manonmaniam Sundaranar University, for the presentation of the paper entitled Greenovation Technology in the context of Integrated Solid Waste Management in the National Seminar on "Biotechnological Interventions in Green Technology for SustainableAgriculture".
- ❖ Awarded as the best oral presentation by Women's Christian College, Chennai for the presentation of the paper entitled "Potential Utilization of Recycled Resource in Vermicomposting" in the National Conference on "Biodiversity – Green Strategies for Sustainable Development".

PUBLICATIONS

PUBLICATION OF BOOK

❖ Contributed 3 chapters in a book entitled "A TEXT BOOK OF PRACTICAL ZOOLOGY FOR UNDER GRADUATES" (ISBN No. 978-81-953014-2-3) publication division by Holy Cross College (Autonomous), Tiruchirappalli - 2.

PUBLICATION OF PAPER IN INTERNATIONAL JOURNALS

- ❖ Jayanthi, B Cesily Rosemary Latha R and Rajathi D Modilal. A comparative study on the Composing performance of garden leaf litter into vermicompost by using Eudrilus eugenie. International Journal of Education and Society. Print Journal: ISSN 2393-9419. Online Journal: eISSN 2393 - 8919. Volume 6. No. 1& 2. October 2019. Page No.7.
- ❖ Rajathi D Modilal, Cesily Rosemary Latha, Jayanthi, B, Sindhu and Anandam.
 Phytochemical and Antimicrobial activity of Solanum torsum against respiratory
 tract pathogens. International Journal of Education and Society. Print Journal: ISSN 2393-9419. Online Journal: eISSN 2393 8919. Volume 6. No. 1& 2. October 2019.
 Page No. 69.
- ❖ Cesily Rosemary Latha, Jayanthi, B and Rajathi D Modilal. Invivo and Incilico analysis of anti-inflammatory efficacy of curculigo rchiodes rhizomes. International Journal of Education and Society. Print Journal: ISSN 2393-9419. Online Journal: eISSN 2393 8919. Volume 6. No. 1& 2. February 2020. Page No.73.
- ❖ Cesily Rosemary Latha, Jayanthi, B and Rajathi D Modilal. Studies on *Oryzaephilus surimamensis* infestation and Management in the date fruits. International Journal of Education and Society. Print Journal: ISSN 2393-9419. Online Journal: eISSN 2393 8919. Volume 6. No. 1& 2. February 2020. Page No. 78.

- ❖ Jayanthi, B and Jayanthi, M. "Bioconversion of Ficus religiosa by using epigeic earthworm Eisenia fetida", The Indian Stream Research Journal, Vol. 4, Issue 10, November 2014. ISSN No: 2230-7850.
- ❖ Jayanthi, B and Jayanthi, M. "Vermicomposting of Prunus amygdalus by using Periyonx excavatus", Review of research, Vol. 4, Issue 2, November - 2014. ISSNNo:2249-894X.
- ❖ Jayanthi, B and Jayanthi, M. "Vermicomposting of Couroupita guianensis by using two epigeic earthworms Eudrilus eugeniae and Eisenia fetida", The multidisciplinary journal of Golden Research Thought, Vol. 4, Issue 4, October - 2014. ISSN No: 2231-5063.
- Jayanthi, B., Ambiga, G and Neelanarayanan, P. "Utilization of Mixed leaves litter for converting into vermicompost by using an Epigeic earthworm Eudrilus eugeniae", Nature Environment and Pollution Technology, Vol. 9, Issue 4, December 2010. ISSN No: 0972-626.
- ❖ Jayanthi, B and Neelanarayanan, P. "Bioconversion of Korai waste (Cyperus rotundus) into vermicompost by utilizing a temperate earthworm Eisenia fetida" An Asian Journal of Soil Science, Vol. 4, Issue 2, May 2010. ISSN No: 0973 4775.

PUBLICATION OF SCIENTIFIC ARTICLES IN TAMIL

- Jayanthi, B. Ambiga, G. and Bharathiraja, A. Mannvalam (Soil wealth) kaaka
 manpuzhu (Earthworm) valarpom Velanmai Seithigal (16.9.2007), Daily
 Thanthi, Trichy Edition.
- Jayanthi, B. Ambiga, G and Bharathiraja, A. Veetu kazhivugalai (Home waste) kondu manpuzhu (Earthworm) uram (Vermicompost) thayarikalam Velanmai Seithigal (3.5.2007), Daily Thanthi, Trichy Edition.

PARTICIPATION OF FACULTY DEVELOPENT PROGRAME

❖ Jayanthi, B. participated and successfully completed a Faculty Development Program on "ADANCED AQUACULTURE TECHNOLOGY" from July - October 2022 (12 week certificate course) Funded by the MoE Government of India.

ORAL PRESENTATION OF NATIONAL SEMINARS

- ❖ Jayanthi, B. presented a paper entitled Agro Vermi Probiotics An Emerging Novel approach to Integrated Solid Waste Management in the National Seminar on "Probiotics in Sustainable Food Production: Current Status and Future Prospects" conducted by Gandhigram Rural Institute Deemed University, Gandhigram on 15-16 March 2013.
- ❖ Jayanthi, B. presented a paper entitled A Novel Greeno Vermi Tech in Tapping Recycled Resource in the National Seminar on "Recent Trends in Biological Sciences (NSRTBS - 13)" organized by Nehru Memorial College, Puthanampatti on 7 - 8 March 2013.
- ❖ Jayanthi, B. presented a paper entitled Composting Interference of Couroupita guianensis on Garden Litter using Eudrilus eugeniae in the National Seminar on "Recent Advances in Life Sciences" (RAIL 11)" conducted by H.H. The Rajah's College, Pudukkottai on 28-29 December 2011.
- ❖ Jayanthi, B. presented a paper entitled Greenovation Technology in the context of Integrated Solid Waste Management in the National Seminar on "Biotechnological Interventions in Green Technology for Sustainable Agriculture" conducted by Manonmaniam Sundaranar University, Alwarkurichi on 22-24 September 2011.

❖ Jayanthi, B. presented a paper entitled **Solid Waste Management** in the National seminar on "**Emerging Trends in Conservation Sciences**" (**EMCONS - 11**)" conducted by A.V.C. College, Mayiladuthurai on 22 - 23 March 2011.

POSTER PRESENTATION OF NATIONAL SEMINARS

Jayanthi, B. presented a paper entitled on A Novel Greeno - Vermi Tech in Tapping
 Recycled Resource (Poster) Dr. V. Balakrishnan Memorial CME Programs - 2013
 conducted by ST.Joseph's College, Trichy on 19 February 2013.

PRESENTATION OF INTERNATIONAL CONFERENCE

❖ Jayanthi, B. presented the paper entitled "Microbial Consortium Approach to Vermibiotechnology" in the International Conference on Frontiers in Life Sciences (ICFLS - 2016), organized by ST. Joseph College, Trichy on 7-8 January 2016.

PRESENTATION OF NATIONAL CONFERENCE

- ❖ Jayanthi, B. presented the paper entitled "Greenovation Technology in the context of Integrated Solid Waste Management" in the National Conference on "Vermitechnology in Human Welfare" held at Kongunadu Arts and Science College, Coimbatore on 16 to 18 December 2015.
- ❖ Jayanthi, B. presented the paper entitled "Potential Utilization of Recycled Resource in Vermicomposting" in the National Conference on "Biodiversity Green Strategies for Sustainable Development" organized by Women's Christian College, Chennai. 22-23 January 2013.

PARTICIPATION OF NATIONAL WORKSHOP

Jayanthi, B. participated the Workshop on "Generation and Characterization Chicken
 Egg Yolk Antibodies (IgY) From White Leghorn Chickens" Organized by SASTRA

- Deemed to-be University, Tanjavur, Tamilnadu as a part of SSR policy of DST-SERB on 15th March, 2022.
- ❖ Jayanthi, B. attended the Regional Workshop on "Research Based Pedagogical Tools (RBPTs)" organized by Scott Christian College, Nagercoil, Tamilnadu on 30th,31st January & 1st February 2020.
- ❖ Jayanthi, B. attended the Science Academies Lecture Workshop on "Trends in Reproductive Technologies for Sustainable Development" organized by Seethalakshmi Ramaswami College, Trichy on 21st& 22nd June 2018.
- ❖ Jayanthi, B. attended the Science Academies Lecture Workshop on "Thrust Areas in Biological Sciences" organized by Seethalakshmi Ramaswami College, Trichy on 9- 10 February 2017.
- Jayanthi, B. attended the National Workshop on "Statistical Packages and Their Applications in Life Sciences" organized by Rajah Serfoji Govt. College, Tanjavur on 7-8 August 2014.
- ❖ Jayanthi, B. attended a training programme on "Microbial Techniques" organized by Annamalai University on16-17 March 2014.
- ❖ Jayanthi, B. attended the National Workshop on "Research Methodology" organized by Pondicherry University on 02 03 February 2012.
- ❖ Jayanthi, B. attended the National Workshop on "Electrophoretic and ImmunoTechniques" organized by Seethalakshmi Ramaswami College, Trichy on 26-28 September 2011.
- ❖ Jayanthi, B. attended the National Workshop on "Art of Scientific Article Writing" conducted by Periyar E.V.R. College, Trichy on 11-12 March 2011.

PARTICIPATION OF SHORT TERM COURSE

❖ Jayanthi, B. participated in the six - days short term course on "Data analysis using Software" organized by Madurai Kamaraj University on 18 to 23 August, 2014.

PARTICIPATION OF NATIONAL SEMINARS

- ❖ Jayanthi, B. participated in the State Level Seminar on "Conservation of Biological Diversity" held at Periyar E.V.R. College, Tiruchirappalli on March 5th, 2019.
- ❖ Jayanthi, B. participated "writing Science" National Seminar on "Scientific / Technical Writings" held at Bharathidasan University, Trichy on 22, January 2014.
- Jayanthi, B. participated in the National Seminar on "Current Scenario in Environmental Biotechnology" (ENVIBIO 2011)" conducted by Jamal Mohamed College, Trichy on 23-24 February 2011.
- ❖ Jayanthi, B. participated in the "National Seminar on Biosciences" conducted by Vysya College, Salem, on 19 20 February 2005.

PARTICIPATION OF ONLINE WEBINAR - 45 (2019 - 2021)

RESEARCH SUPERVISOR

- ❖ Research Projects guided by **Postgraduate Degree** Students 6
- ❖ Research Projects guided by **Undergraduate Degree** students 15

INCHARGE OF OTHER ACTIVITIES

- ❖ NAAC (Criteria IV Infrastructure and Learning Resources)
- Question Bank Preparation
- Mentor for UG & PG students
- ❖ Human Resource Development 5 Years
- ❖ Fine Arts- 2 Years
- ❖ Sports 2 Years

BIODATA

Name : Dr. B. JAYANTHI, M.Sc., M.Phil, Ph.D.

Address : 10/3A, IvelyVellur (Po),

Musiri (TK),

Trichy (DT),

PIN. 621 202

Mobile Number : 9629688173

E. mail ID : bjayanthi13@rediffmail.com / drjayanthib@gmail.com

Date of Birth : 13.07.1984

Sex : Female

Nationality : Indian

Religion : Hindu

Languages Known : Tamil & English

Computer Proficiency : Microsoft Office & SPSS

Academic Proficiency : NAAC, HRD, Fine Arts, Sports, Conference, Seminar, Workshop,

FDP, Certificate course etc.,

Teaching Experience : 7 Years

DECLARATION

I hereby declare that all the statements made in this are true to the best of my knowledge and belief.

Date:

Place: Vellur (B. JAYANTHI)

Enclosures: Degree certificates of UG, PG, M .Phil, Ph. D & Service certificates

Dr. (Sr.) Rajakumari, P. MWS, M.A, M.Phil., Ph.D. Principal



Holy Cross College (Autonomous)

Affiliated to Bharathidasan University
Nationally Accredited (4th Cycle) with A++ Grade (CGPA 3.75/4) by NAAC
College with Potential for Excellence
Tiruchirappalli - 620 002, Tamilnadu, India.

Date: 22.01.2024

SERVICE CERTIFICATE

This is to certify that **Dr. B. Jayanthi**, **M.Sc.**, **M.Phil.**, **Ph.D.**, worked as an Assistant Professor in the Department of Zoology, as management staff from 04.12.2018 to 04.12.2023.

PRINCIPAL
PRINCIPAL
HOLY CROSS COLLEGE
(AUTONOMOUS)
TIRUCHIRAPPALLI-2.

Phone: 0431-2700637 Fax: 0431-2713312 E-mail: office@hcctrichy.ac.in Website: www.hcctrichy.ac.in

Service Certificate – Aringer Anna Govt Arts College, Musiri

TEACHING EXPERIENCE CERTIFICATE

1.	Name of th	B. JAYANTHI							
2.						R ANNA MENT ARTS E, MUSIRI - 621 201			
3.	Type of Institution (Govt / Aided / Self-financing)				GOVERNMENT				
4.	Date of Ap	Date of Appoinment as Lecturer 08.02.2008							
5.	Subjects T	aught	ZOOLOGY						
	Sl.No.	Subjects taught	No. of periods per week	Period of Service					
				Date from	Date to	Period			
						Y	M	D	
	i	ZOOLOGY	16	8.2.2008	17.4.2008		2	9	
	ii	ZOOLOGY	16	9.7.2008	20.4.2009		9	11	
	iii	ZOOLOGY	16	17.7.2009	15.4.2010		8	29	
	iv								
	v								
	Total	L				1	8	19	

Certified that the above facts are verified with pay acquittance and other records available on behalf of the above individual and found correct.

Place:

Date:

Seal:

Signature of the Head

Dr. K. SUNDARARASU,
M.Sc., M.Phil., Ph.D., M.Ed., B.L.L.S., PGDCA.,
Associate Professor & Head
P.G. & Research Department of Zoology
Arignar Anna Govt. Arts College
Musiri - 621 211, Tamil Nadu, India.

WUSIRI 621 201 m

Signature of the Principal

Arignar Anna Govt. Arts College,

Musiri - 621291

D.O.Code 83 5 F 3





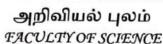


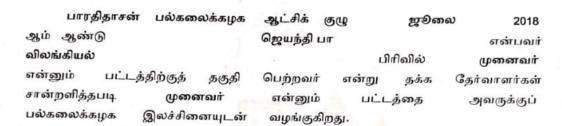
Centre Code: 31 Reg.No. 42582-Ph.D-ZOO

பாரதிதாசன் பல்கலைக்கழகம்

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(f) of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)





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Place of Study: SEETHALAKSHMI RAMASWAMI COLLEGE(Autonomous), TIRUCHIRAPPALLI.

Title of the Thesis

"A COMPARATIVE STUDY ON THE COMPOSTING PERFORMANCE OF SELECTED SPECIES OF EARTHWORMS WITH GARDEN LITTER AND PAPER RECYCLED WATER"

Given under the seal of the University.



கிருச்சிராப்புள்ள Tiruchirappalli

P. Mauricanher துணைவேந்தி Vice - Chancellor

M 069884

23rd October 2018 Date:

ISSUED ON: 23-10-2018



Centre Code :18



பாரதி தாசன் பல் கலைக்கழகம் BHARATHIDASAN UNIVERSITY

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு அக்டோபர் 2007 அம் ஆண்டு நேரு நினைவுக் கல்லூரி (தன்னாட்சி), புத்தனாம்பட்டி

நடத்திய

விலங்கியல்

தேர்வில்

பா. ஜெயந்தி

என்பவர் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள் ஆய்வியல் நிறைஞர் சான்றளித்தபடி. பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

BHARATHIDASAN UNIVERSITY Syndicate The of the makes B. JAYANTHI has known been MASTER OF PHILOSOPHY, admitted been certified by duly appointed Examiners to be qualified to receive the same in ZOOLOGY the Examination held OCTOBER 2007 placed FIRST in and through the NEHRU MEMORIAL COLLEGE (Autonomous), PUTHANAMPATTI of the University.



Given under the seal of the University.

திருச்சிராப்பள்ளி Tiruchirappalli

நாள் : Dated :

பதிவாளர் Registrar C 056840 ISSUED ON: 127 JAN 2009

துணைவேந்தர் Vice-Chancellor





Centre Code 3

UTTអ្នារមល់ បស់សលស់សម្លប់ BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2f and 12B of UGC Act; Member, Association of Indian Universities and Association of Communwealth Universities; Accredited by NAAC with 'A' Grade)

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் 2006 ஆம் ஆண்டு நடத்திய விலங்கியல் தேர்வில்

பா. ஜெயந்தி

என்பவர் **முதல்** வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி **அறிவியல் நிறைஞர்** என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

Syndicate BHARATHIDASAN UNIVERSITY makes known **B. JAYANTHI** has been admitted the OF SCIENCE, Degree of MASTER having been certified by duly appointed Examiners to be qualified to receive the same in ZOOLOGY the Examination held in APRIL 2006 and placed in FIRST Class.

Given under the seal of the University.



திருச்சிராப்பள்ளி Tiruchirappalli

நாள் : 05th October 2006

Dated: A65570 ISSUED ON: பதிவாளர் Registrar

தி. தங்கேடித்தி. துணைவேந்தர் Vice-Chancellor

6 9 FEB 2007





Centre Code :12

பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் ஆம் ஆண்டு நடத்திய விலங்கியல் தேர்வில் பா. ஜெயந்தி என்பவர் **இரண்டாம்** வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி. அறிவியல் இளையர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

Syndicate BHARATHIDASAN UNIVERSITY нетеву makes known that **B. JAYANTHI** has been admitted the Degree **BACHELOR** OF SCIENCE, having been certified by duly appointed Examiners to be qualified to receive the same in ZOOLOGY the Examination held in APRIL 2004 and placed in SECOND Class.

Given under the seal of the University.



திருச்சிராப்பள்ளி Tiruchirappalli

நாள் :

Dated: 27th October 2004

பதிவாளர் Registrar

(4). 8 BBQ33

துணைவேந்தர் Vice-Chancellor