



**Dr. M. BIRUNTHA**  
**Assistant professor**

### Contact

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### Academic Qualifications: M.Sc., M.Phil., M.Ed., Ph.D.

Degree	Year of Passing	University / Institute
M.Sc-Zoology	May2000	Annamalai University
M.Phil-Zoology	June-2007	Bharathidasan University
B.Ed-Biological Science	April-2006	Mother Teresa College of Education Bharathidasan University
M.Ed-Education	August-2008	Bharathidasan University
Ph.D-Zoology	June -2014	Bharathidasan University

**Teaching Experience: 08 Years**

## Research Experience: 04 Years

## Additional Responsibilities

S. No.	Position	Organization
1.	Coordinator, Journal Club and Research & Development	Alagappa University
2.	Coordinator , Department Library Committee	Alagappa University
3.	Member , Department IQAC, Annual Report and Academic Audit Committee	Alagappa University
4.	Member –Alumni & parent teacher committee	Alagappa University
5.	Member, Purchase Committee	Alagappa University
6.	Member, Counselling /Career Guidance	Alagappa University
7.	Member, Village Placement Programme	Alagappa University
8.	University Representative –DDE examination	Alagappa University
9.	SSP-M.Phil & DDE-Ppersonal Contact Programme- Zoology	Alagappa University
10.	Member, Tamil Nadu Teachers Education University B.Ed-Theory Examiner & Convener of Practical Examination(2009-2015)	TNTEU
11.	B.Ed- Theory Examiner(2009-2015)	Bharathidasan University

## Areas of Research

Vermiculture, Biotechnology, Molecular Biology, Microbiology

## Research Supervision / Guidance

	Program of Study	Completed	Ongoing
<b>Research</b>	Ph.D.	-	-
	M.Phil.	-	4
<b>Project</b>	M.Sc	-	3
	M.Ed	25	-

## Publication

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
9	6	1	15	7

h-index : 1

Total Citations : 4

## Others

1. TNPSC-Chief Invigilator
2. Programme in Charge –IGNOU (2008 to 2015)
3. District Sports coordinator-College of Education-Pudukkottai-2015

## Distinctive Achievements / Awards

1. Women’s Educators Achiever Award from Lion’s Club of Trichy.
2. Best Educationalist National Award from Human care Human Rights Production, New Delhi
3. Best Faculty Award IARA-2016, Indian Academic Researchers Association, Tiruchirappalli, TamilNadu.
4. HAR GOBIND KHORANA memorial best scientist award 2016, BOSE SCIENCE SOCIETY, TamilNadu

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

1. International Conference On “Effect of Digital Technology in Globalization of Education(EDTGE)-2015” from 22nd & 23rd January 2015 organizing Secretary -Dr. M. Biruntha Principal i/c Mother Teresa college of Education, Illuppur, Pudukkottai.
2. National Seminar on “Innovative Classroom Practices (ICP)” from 18th and 19th March 2012 organizing Secretary -M.Biruntha, Mother Teresa College of Education, Illuppur, Pudukkottai.

3. National Seminar on “Enhancing Quality in Research in Education (EQRE)” from 2nd and 3rd March 2011 organizing Secretary -M.Biruntha, Mother Teresa College of Education, Illuppur, Pudukkottai.

## Events Participated

### Conferences / Seminars / Workshops:

1. International Conference on “Recent Trends in Microbiology” (RTM-2016) organized by the Department of Microbiology, Alagappa University, Karaikudi – 630 004 during 20th – 21th December, 2016.
2. National Conference on “Biotechnology-New Horizons and Hopes” (BNHH – 2016) organized by Department of Molecular Microbiology, Madurai Kamaraj University sponsored by DBT, India during 20<sup>th</sup> – 21<sup>st</sup> October, 2016.
3. International workshop on “Molecular Physiology, Therapeutics and Experimental Medicine” organized by the Department of Animal Health and Management, Alagappa University, Karaikudi between 6th & 7th September, 2016.
4. International workshop on “Data Science and Analytics” organized by the Department of Computer Science, Alagappa University, Karaikudi during 27th & 28th September, 2016.
5. International Conference on “Recent Trends in Bioscience” (ICRTB-2016) organized by Biosciences Department, Alagappa University, Karaikudi – 630 004 during 07th – 09th April, 2016.
6. A One –Week Faculty Development Programme on” Research Methodology & Publication of Research Article” held on 29th December to 4th January 2015 by the Publication Division, Bharathidasan University, Trichy.
7. A One day Workshop on “Teaching of Pedagogy” held on 27th November 2014 by Annai college of Education. Kumbakonam
8. A One day Workshop on “The Art of Publishing” held on 27th November 2014 by the Publication Division, Bharathidasan University, Trichy.
9. A One –Day Faculty Development Programme on “Research Methodology “held on 29th September 2013 by Annai Fathima college of Education, Kumbakonam.
10. Indian Council of medical Research, New Delhi and Tamil Nadu State Council for Science and Technology, Chennai- Workshop on “Statistical Analysis of

Biological & Biomedical Data” PG and Research Department of Zoology- Rajah Serfoji Government College, Thanjavur.

11. National Symposium on “New Dimensions in Biotechnology”, J.J. College, Pudukkottai. India. 13th - 14th March, 2009.

12. National Seminar on “The Present Scenario in Biodiversity, Biotechnology and Environmental Management”, J.J. College, Pudukkottai. India. 6th - 7th March, 2008.

### **Other Training Programs**

1. University Business Collaboration centre –Training Programme on Solid waste management through vermicompost to self employable Entrepreneur-Coordinator- Department of Animal Health and Management -2017
2. Successfully completed the training programme on “Live fee culture Production (Artemia, Phytoplankton’s & Zooplanktons, Spirulina) and Seaweed culture and its allied Industries” organized by the Department of Animal Health and Management, Alagappa University, Karaikudi on 26<sup>th</sup> February, 2016
3. Training programme on “Research Methodology” organized by St.Justin's College of Education, Madurai on 12 & 13 th August 2010.

### **Membership in**

#### **Professional Bodies**

1. Life Membership of Dr.S.Radhakrishnan Teacher’s Welfare Association  
(Membership No: 1373)
2. Life Membership of Council for Teacher Education, Tamil Nadu State centre for Alagappa University, Karaikudi.
4. Fellow membership, Indian Academic Researchers Association, TamilNadu.
5. Fellow membership, Tamilnadu Scientific Research Organization, TamilNadu.

### **Resource persons in various capacities**

Number of Invited / Special Lectures delivered: 5

<b>S.No</b>	<b>Title of Lecture/Academic Session</b>	<b>Title of Conference/ Seminar etc</b>	<b>Organised by</b>	<b>Whether International/ National</b>
1	Invited Guest Lecture	Guidance And Counseling	Mother Teresa Polytechnic College, Mettusalai, Pudukkottai 24th August 2014	-

2	Invited Guest Lecture	Emotional Development	Indira Ganesan Colleg of Education,Manikandam Trichy,12th January 2014	-
3	Invited Guest Lecture	Guidance for the Students with Learning Difficulties	Mother Terasa Engineering and Techonolgy,Pudukkottai 5th February 2015	-
4	Chairpersons for the Technical Sessions	Vision India 2020: A.P.J.Abdul Kalam's Dreams through Women	Publication Division Bharathidasan University 16th October 2015	National Seminar
5	Resource Person	DNA Amplification	Arumugam pillai Seethaiammal Arts College,Thiruppathur,26 <sup>th</sup> & 27 <sup>th</sup> December-2016	Workshop

### Others

1. Articles published in Newspapers / Magazines : 5
  - a. Education and Literacy-Behavioral Science- Vision India 2020:Dr.A.P.J.Abdul Kalam's Dreams.Dr.N.Murugeswari, Dr.K.S.Ramakrishnan, ISBN-978-93-83213-06-1pp-56-59
  - b. Teacher Education:Meeting The Needs of the New Generation- Teacher Education:Meeting The Needs of the New Generation - Dr.D.Sivakumar,Dr.R.Arumugarajan- ISBN-978-81-923963-1-6pp-234-237

### Recent Publications

1. **M. Biruntha**, John Paul,J. A.and P.Mariappan (2013). Growth and reproduction of Perionyx excavatus in different organic wastes.International Journal of Current Microbiology and Applied Science,2(2):28-35.(IF-2.937).
2. **M. Biruntha**, John Paul,J. A.and P.Mariappan (2013). Vermicultural and molecular characterization of composting endemic earthworms.American Journal of Research Communication, 1(3): 168-180.

3. J. Arockia John Paula\*, B. Karunai Selvi, B. Rajeshc and **M. Biruntha**. Influence of organic solid wastes in vermicultural properties of the epigeic earthworm, *Eisenia fetida*. International Journal of Advanced Research in Biological Sciences 1(8): (2014): 242–247.(IF-5.142).
4. V. Jeyanthi, J. Arockia John Paul\*, B. Karunai Selvi, **M. Biruntha** and N. Karmegam. Coelomic fluid protein profiling and heavy metal accumulation of three earthworms after exposure to pesticide and metal stress. International Journal of Advanced Multidisciplinary Research 3(2): (2016): 84–91.(IF-5.142).
5. **M. Biruntha** and Dr.R.Muthaiyan Factors Contributing Stress among Adolescent Students in Pudukkottai District, Tamil Nadu – A Study-International Journal of Research and Applied Studies (2349-4891) -Vol.1No12(10) 2015 pp 57-61.
6. **M. Biruntha** and Dr.R.Muthaiyan **Reasons** for frustration among adolescent students in Pudukkottai district, Tamil Nadu – A study. Star International Journal (2321-676X) Vol.3No11 (1). 2015pp 1-6.