

Dr. R. JAYANTHI, M.V.Sc., Ph.D.,

Livestock Products Technology

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CAREER OBJECTIVE

To prove myself as an eminent and diligent professional, irrespective of the carrier I choose. To get equip myself to cater all my possible abilities, in correlation with the requirements put forth by the concern.

RESEARCH EXPERIENCE

Research work as part of **M.V.Sc.**, degree programme: **Development of Functional Chicken Meat Nuggets** at Department of Livestock Products Technology (Meat Science), Madras Veterinary College, Chennai-07.

Research work as part of **Ph.D.**, degree programme: **Determination of heavy metals in commercially available ready-to-eat chicken meat products in Chennai** at Department of Livestock Products Technology (Meat Science), Madras Veterinary College, Chennai-07.

EDUCATIONAL QUALIFICATIONS			
DEGREE	NAME OF INSTITUTION / UNIVERSITY	YEAR	MARKS
Doctor of Philosophy in Livestock Products Technology (Ph.D.)	Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai	2016-2019	91.90%
Master of Veterinary Science in Livestock Products Technology (M.V.Sc.)	Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai	2013-2015	90.80%
Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc & AH.)	Madras Veterinary College, Tamil Nadu Veterinary and Animal Sciences University, Chennai	2006-2011	68.60%

Higher Secondary Education	Government Higher Secondary School, Parappadi, Tirunelveli	2005-2006	80.66%
High School Education	Government Higher Secondary School, Parappadi, Tirunelveli	2003-2004	88.40%
ASRB- NET exam		2016	Qualified

LIST OF PUBLICATIONS

RESEARCH ABSTRACTS PUBLISHED AT CONFERENCE/SEMINAR	
1	R.Jayanthi , V.Appa Rao, Robinson J.J.Abraham, S.Wilfred Ruban and P.Vignesh (2016). Proximate Composition of Functional Chicken Nuggets Replacing Sodium Chloride With Potassium Chloride. AMST - Food: Safety, Health and Environment. 16 th Febraury 2016.
2.	R.Jayanthi , V.Appa Rao, Robinson J.J.Abraham, R.Narendra Babu, S.Wilfred Ruban and Rabi Ranjan Naik (2016). Proximate Composition of Functional Chicken Nuggets Incorporated With Guava Powder. AMST - Food: Safety, Health and Environment. 16 th Febraury 2016.
3.	R.Jayanthi , V.Appa Rao, Robinson J.J.Abraham, C.Valli and K.Arunmozhi Varman (2016). Nutritional Properties of Chicken Nuggets Incorporated With Guava Powder. AMST - Food: Safety, Health and Environment. 16 th Febraury 2016.
4.	R.Jayanthi , V.Appa Rao, Robinson J.J.Abraham, R.Narendra Babu and Tejas M.Natekar (2016). Effect Of Replacement of Sodium Chloride On Sensory Evaluation Of Functional Chicken Nuggets. AMST - Food: Safety, Health and Environment. 16 th Febraury 2016.
5.	R.Jayanthi , V.Appa Rao, Robinson J.J.Abraham, C.Valli and M.Parameswari (2016). Physico-Chemical Characteristics of Functional Chicken Nuggets Incorporated With Guava Powder. AMST - Food: Safety, Health and Environment. 16 th Febraury 2016.
6.	Dukare Sagar Popat, Nibedita Nayak, N.Ramamurthy, R.Narendra Babu, G.Raj Manohar, R.Ramani, Samapika Mahapatra, Kanchi Bhaskar and R.Jayanthi (2014). Sensory Characteristics of Carrot And Papaya Incorporated Chicken Tandoori. AMST -

	Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry 2014
7.	Narendra Babu R., Vivek V., Robinson J.J Abraham, Ramakrishnan. C, Kanchi Bhaskar and R. Jayanthi (2014). Development of Multiplex Polymerase Chain Reaction Technique For Detection of Pork In Sinews. AMST - Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry
8.	Narendra Babu R., Ramakrishnan.C, Robinson J.J Abraham, R.Jayanthi , Vivek V. and Kanchi Bhaskar (2014). Molecular Detection of Species of Origin of Meat Cum Bone Meal. AMST - Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry
9.	Narendra Babu R., Kanchi Bhaskar, Robinson J.J Abraham, R.Jayanthi , Vivek V. and C.Ramakrishnan (2014). PCR For Identification Of Source Of Blood Meal Used For Animal Feed Manufacture. AMST - Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry
10.	Narendra Babu R., R.Jayanthi , Robinson J.J Abraham, Kanchi Bhaskar, C.Ramakrishnan and Vivek V. (2014). Detection Of Species of Origin of Animal Fleshing Used In Animal Feed Supplement. AMST - Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry
11.	Robinson J.J Abraham, S.Wilfred Ruban, R.Jayanthi , Vivek V. Kanchi Bhaskar and C.Ramakrishnan (2014). Proximate Analysis of Millet Incorporated Chicken Patties. AMST - Education And Research Perspectives For Current And Future Trends In The Indian Meat Industry
12.	Kanchi Bhaskar, Rita Narayanan, C.Naresh Kumar, C.Vivek, C.Ramakrishnan and R.Jayanthi (2013). Development of Whey Icecream. XLII Dairy Industry Conference Growth In Indian Dairying And Trade Issues
13.	R.Palani Dorai, Vivek.V, Kanchi Bhaskar, C.Ramakrishnan and R.Jayanthi (2013). Development of Choco Paneer. XLII Dairy Industry Conference Growth In Indian Dairying And Trade Issues
14.	R.Palani Dorai, C.Ramakrishnan, R.Jayanthi , Vivek.V, and Kanchi Bhaskar (2013). Texture Profile Analysis And Sensory Evaluation of Choco Enrobed Khoa. XLII Dairy Industry Conference Growth In Indian Dairying And Trade Issues
15.	R.Palani Dorai, R.Jayanthi , C.Ramakrishnan, Vivek.V and Kanchi Bhaskar (2013). Development of Watermelon Lassi. XLII Dairy Industry Conference Growth In Indian Dairying And Trade Issues

RESEARCH PAPERS PUBLISHED IN JOURNALS	
1.	R Jayanthi , V Appa Rao, R Narendra Babu, T Sivakumar, P Sriram and Robinson JJ Abraham, 2019. Analysis of essential heavy metals in ready-to-eat chicken meat products of Chennai city. International Journal of Chemical Studies 2019; 7(3): 1420-1425
2.	R Jayanthi , V Appa Rao, R Narendra Babu, T Sivakumar, P Sriram and Robinson JJ Abraham, 2019. Assessment of non-essential heavy metals in ready- to-eat chicken meat products of Chennai city. International Journal of Chemical Studies 2019; 7(3): 1420-1425
3.	R. Jayanthi , V.Appa Rao, Robinson. J. J. Abraham, C.Valli and R. Ramani, 2017. Development of Functional Chicken Meat Nuggets With Guava Powder and Potassium Chloride. The Indian Veterinary Journal, Vol. 94, No. 10, October 2017; 18-21
4.	R. Jayanthi , V.Appa Rao, Robinson. J. J. Abraham, R. Narendra Babu and S.Ezhilvelan, 2017. Effect of potassium chloride on functional chicken meat nuggets. Bulletin of Environment, Pharmacology and Life Sciences,2017, 6(9):07-10.
5.	R. Jayanthi , V.Appa Rao, Robinson. J. J. Abraham, C.Valli and C.Vasanthi, 2017. Effect of guava powder on proximate and sensory characteristics of functional chicken meat nuggets. Indian journal of veterinary and animal sciences research, 2017. Vol.46(2): 961-963
6.	Prabhavathi TG, R Ramani, V Appa Rao, R Narendra Babu, J Ramesh, A Vanathi, R Jayanthi and GN Nithin Kumar, 2018. Microbial degradation of chicken feathers to convert waste into value added biopolymer, International Journal of Chemical Studies 2018; 6(4): 2750-2753
7.	Bilifang Daimary, V.Appa Rao, K. Sudheer, R. Jayanthi , 2017. Physico- Chemical properties and economics of Barbecued Pork. International Journal of Advanced Biological Research, 2017,7(4):719-723.
8.	S.M. Dhishonin, R. Narendra Babu, R. Ramani, K. Porteen, V. Appa Rao, Robinson J.J. Abraham, R. Jayanthi and V. Govind, 2017. A Survey of Disease Conditions in Sheep and Goats Slaughtered at Coimbatore District Slaughter House, Tamil Nadu, India. Int.J.Curr.Microbiol.App.Sci (2017) 6(10): 3692-3699
9.	M.Boopathy Raja, K.N.Selvakumar, R.Jayanthi and J.Selvamani (2016). Constraint Analysis of Swine Farming in North-Eastern Agro-Climatic Zone of Tamil Nadu. Indian

	Journal of Natural Sciences (IJONS) VOL-7/ISSUE 39/DEC-2016
10.	J.Selvamani, S.Santhosh Kumar, R.Jayanthi and M.Boopathy Raja Economic Impact of Ghee Residue Inclusion In Concentrate Diets of Large White Yorkshire Grower Pigs Indian Journal of Natural Sciences (IJONS) VOL-7/ISSUE 39/DEC-2016
11.	M.Boopathy Raja, K.N. Selvakumar, A.Serma Saravana Pandiyan, S.Meenakshi Sundaram, M.Murugan and R.Jayanthi Break-Even Analysis of Swine Farming in North-Eastern Tamil Nadu, India International Journal of Science Engineering and Technology

POPULAR ARTICLES

1. Edible films and coatings for meat and meat products preservation, Poultry Punch, 2017, **Dr. R.Jayanthi**, dr. K.Sudheer and dr. S.Ezhilvalavan
2. Musculoskeletal diseases in meat-type poultry, Poultry Punch, 2018, **Dr.R.Jayanthi**, Dr.M.Boopathy Raja and Dr.M.Parameswari
3. Tenderization of meat by natural tenderizers, Poultry Punch, 2018, **Dr. R.Jayanthi**, Dr. V.Appa Rao, Dr. R.Narendra Babu and Dr. S.Ezhilvelan
4. Indhiyavil Iraichi Yaetrumathi Seyvathu Kuriththa thakavalkal, Kalnadai kathir April, 2018, **R.Jayanthi**, V.Appa Rao, R.Ramani
5. Natural Antimicrobials In Poultry Meat Products, Poultry Punch, July,2018, **R.Jayanthi**, V.Appa Rao, R.Narendra Babu, S.Ezhilvelan
6. Feeding Management In Meat Type Poultry, Poultry Punch, July, 2018. **R.Jayanthi**, V.Appa Rao, D.Santhi, R.Ramani and A.Vanathi

BOOK CHAPTERS PUBLISHED

Agricultural Scientific Tamil Society conference, August 12 and 13, 2017

1. **R.Jayanthi**, V.Appa Rao and C.Valli, Seyalthiran Mikka Iraichi Koozhmathundukalil koyyathool Serpathinal iyarvethi panbukalil aerpadam matranganal.
2. **R.Jayanthi**, V.Appa Rao, A.Serma Saravana Pandiya and C.Ramakrishnan, Koozhmathundukalil koyyathool Serpathinal thasai ilaiyamaippu koorukalil aerpadam matranganal.
3. **R.Jayanthi**, V.Appa Rao and R.Narendra Babu, Seyalthiran Mikka Iraichi Koozhmathundukalil Potasiyam Kuloride Serpathinal Aerpadam Matranganal.
4. S.M.Dhidhonin, R. Narendra Babu, R.Ramani, K.Porteen, V.Appa Rao, Robinson J.J. Abraham, **R.Jayanthi**, R.Tamil Selvan and J.Karthik, Tamilnattilulla Aadu

Aruvaikkoodangalil Kulir Kaala Paruvaththil Mun Matrum Pin Aruvai Sothanai Moolam Kandariyappadum Noykal Kuriththa Aayvu.

5. J.Karthik Robinson, J.J.Abraham, V.Appa Rao, M.Parthiban, R.Narendra Babu, R.Ramani, **R.Jayanthi**, R.Tamil Selvan, S.M.Dhidhonin, Tamilnaattil Vellaattu Iraichchi Aruvai Koodangalin Nilai Oru Aayvu.
6. C.Ramakrishnan, R.Narendra Babu, Robinson J.J.Abraham, V.Appa Rao, P.Tensingh Gnanaraj and **R.Jayanthi**, Iraichi Kozhiyai Pannaikalilirunthu Santhaikku Eduththu Sellum Pothu Kozhikalil Aerpadum Edai Ilappu Alavukalai Kandarithal.
7. C.Ramakrishnan, R.Narendra Babu, Robinson J.J.Abraham, V.Appa Rao, P.Tensingh Gnanaraj and **R.Jayanthi**, Aruvaikku Pin Kozhi Iraichiyai Vevvaeru Muraikalil Saemikkum Pothu Avatrin Panbukal Matrum Tharathil Aerpadum Vilaivukal.
8. R.Tamil Selvan, R.Narendra Babu, V.Appa Rao, S.M.Dhidhonin, J.Karthik and **R.Jayanthi**, Tamilnattin Semmari Aattu Iraichchi Koodankalin Nilai Oru Aayvu.
9. T.Deepak, V.Appa Rao, Robinson J.J.Abraham, R.Narendra Babu, A.Raja and **R.Jayanthi**, Uyir Thozhilnuthpaviyal Murai Moolam Iraichikalil Maattiraichi Kalappadathai Kandarithal.

Agricultural Scientific Tamil Society conference, November 19-20, 2018

1. **R.Jayanthi**, V.Appa Rao, Robinson J.J. Abraham and C.Valli, Seyalthiran Mikka Iraichi Koozhmathundukalil potassium kuloaridu serppathinaal Serpathinal iyarvethi panbukalil aerpadum matranganal.
2. **R.Jayanthi**, V.Appa Rao, Robinson J.J. Abraham and C.Valli and R,Narendra Babu, Koozhmathundukalil potassium kuloaridu Serpathinal thasai ilaiyamaippu koorukalil aerpadum matranganal

Agricultural Scientific Tamil Society conference, October 9-10, 2020

1. **R.Jayanthi**, V.Appa Rao and M.Boopathy Raja, Kozhi iraichi koozhmathundukalil koyya thool saerppathinaal aerpadum maatranganal.
2. **R.Jayanthi**, V.Appa Rao, R.Narendra Babu and M.Boopathy Raja, Seyalthiranmikka kozhi irichi koozhmathundukalin amino amila vivarakurippu

BOOKS PUBLISHED

1. Functional chicken meat nuggets, R.Jayanthi and V.Appa Rao, LAP Lambert publications,

2018. ISBN: 9783330032897

2. Heavy metals in meat products, R.Jayanthi, V.Appa Rao, M.Boopathy Raja , LAP
Lambert Academic publishing pp1-89, ISBN: 978-620-2-51147-6

LIST OF CONFERENCES, SEMINARS, WORKSHOPS AND CERTIFICATE PROGRAMME PARTICIPATED/PRESENTED

1. SEMINARS

S.No	CONTENTS	DURATION	PLACE
INTERNATIONAL SEMINAR			
1.	International conference on Role of veterinary science in Farmers livelihood	22/02/2019 23/02/2019	Madras Veterinary College, Chennai-7
2.	International symposium on Animals in Disaster	26.09.2018 27.09.2018	Madras Veterinary College, Chennai-7

S.No	CONTENTS	DURATION	PLACE
NATIONAL SEMINAR			
1.	National Seminar on Food: Safety, Health and Environment	25.02.2016 26.02.2016	Department of Livestock Products Technology, Madras Veterinary College, Chennai-7
2.	National Seminar on Education and Research Perspectives for current and future trends in the Indian Meat Industry	15/12/2014 16/12/2014	Department of Livestock Products Technology, Madras Veterinary College, Chennai-7
3.	National Seminar on Challenges and strategies in Toxicology for food Safety and Drug Development Regulatory perspectives in Livestock	10/12/2014 11/12/2014 12/12/2014	Madras Veterinary College, Chennai-7
4.	National Seminar on Native Chicken Rearing in Rural Economic Development(Tamil)	11/06/2014	Madras Veterinary College, Chennai-7

2. WORKSHOPS

S.No	CONTENTS	DURATION	PLACE
WORKSHOPS			
1	Information Retrieval System	19/11/2013	

			Bioinformatics Centre and ARIS Cell, Madras Veterinary College
2	Pork Processing and Value addition	9/10/2014 10/10/2014	Dept. of. Meat science and Technology, Madras Veterinary College, Chennai-07

3. CERTIFICATE PROGRAMME

S.No	CONTENTS	DURATION	PLACE
CERTIFICATE PROGRAMME			
1	Entrepreneurship- a final touch for graduate students an experimental learning residential training	22.09.2010 to 25.09.2010	Madras Veterinary College, Chennai.
2	Training programme on Current strategies/ Practices in management of infertility in Bovines	18/02/2013 to 22/02/2013	The Directorate of Distance Education, TANUVAS, Chennai-51
3	Training programme on Motivational entrepreneurial training INSPIRE	26/08/2014 27/08/2014	Madras Veterinary College, Chennai-07
4.	Personality development programme	19/04/2011	Madras Veterinary College, Chennai-07

4. AWARD AND SCHOLARSHIPS RECEIVED

SCHOLARSHIPS	
1	Awarded TANUVAS Merit Scholarship for pursuing M.V.Sc., (2013-15) and Ph.D., Degree Programme (2016-19) on Livestock Products Technology, at Madras Veterinary College, Chennai-07.

AWARDS	
1	Awarded The Best poster presented during the Model Poster Session at Department of Veterinary and Animal Husbandry Extension and Entrepreneurship, Madras Veterinary College
2	Awarded The Young Scientist Award from society for scientific development in agriculture and technology during the GRISAAS-2019 conducted by ICAR-NAARM, Rajendrnagar, Hyderabad, Telangana

MEDALS

1	Awarded College level-First place in 4x100 meters - Relay on Annual sports meet held at Madras Veterinary College during the year 2007-08
2	Awarded College level-Second place in 100 meters Run on Annual sports meet held at Madras Veterinary College during the year 2007-08

5. EXTRACURRICULAR ACTIVITIES

1.	National Service Scheme Volunteer 2006-2010
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WORK EXPERIENCE

1	Assistant Manager in Referral Lab Suguna Foods Ltd., (Udumalpet) during the period of February -2012 to August-2012.
2	Veterinary Consultant in Tirunelveli District Co-Operative Milk Producers Union Ltd., Tirunelveli from 5/08/2012 to 7/08/2013.
3.	Veterinary Consultant in Tirunelveli District Co-Operative Milk Producers Union Ltd., Tirunelveli from 1/10/2015 to 30/09/2016.

PERSONAL DETAILS

Date of Birth : 27/05/1989
Age : 31 years
Gender : Female
Marital Status : Married
Husbands name : Dr.M.Boopathy Raja
Fathers name : Mr. D.Ramajayam
Nationality : Indian

CONTACT DETAILS

Permanent Address : 12/4, East Street, Puthukulam,
Eamankulam Post,
Nanguneri Taluk,
Tirunelveli District,
Tamil Nadu.
Pin Code: 627108
Mobile: 91-74184 04924
E-mail Id : jayvet1212@gmail.com

DECLARATION

I hereby sincerely declare that the information provided above is true to best of my knowledge.

Place : Chennai-7

Date :

(Dr. R.JAYANTHI, M.V.Sc., Ph.D.,)

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