

BIODATA

[Dr. GINSON JOSEPH]

Assistant Professor (Grade II)

School of Industrial Fisheries

Lake Side Campus, Fine Arts Avenue

Cochin University of Science and Technology



2022

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PERSONAL DOSSIER

Name in Full : **Dr. GINSON JOSEPH**
Occupation : Assistant Professor (Grade II)
Institutional : School of Industrial Fisheries
Address : Lake Side Campus, Fine Arts Avenue
Cochin University of Science and Technology

Nativity : Kaloor, Ernakulam District, Kerala, India
Religion : Christian, Latin Catholic
(Other than Anglo-Indian)

Category : OBC
Sex : Male
Marital Status : Married



ACADEMIC CREDENTIALS

- **Doctor of Philosophy (16th March, 2015)** in “Optimization of high pressure processing parameters for Indian white prawn (*Fenneropenaeus indicus*) and its shelf life evaluation during chilled storage” from **Cochin University of Science and Technology**, Cochin, India, (Research Work carried out at **ICAR-Central Institute of Fisheries Technology, Government of India**).
- **National Eligibility Test (ARS-NET-2010) (September, 2010)**, ICAR-ASRB, Govt. of India duly recognized by U.G.C in the discipline of ***Fish Harvest and Post-Harvest Technology***.
- **Master’s Degree in Industrial Fisheries (May, 2007)** from Cochin University of Science and Technology, Cochin, Kerala India. (Secured **Second Rank** with 8.42 GPA).
- **Bachelor’s Degree in Industrial Fisheries (June 2004)** from St. Albert’s College Affiliated to Mahatma Gandhi University, Kottayam, Kerala, India (Secured **Second Rank** with 84 %).
- **Diploma in Computer Application (2002)** from M-Tech Computers, Cochin, Kerala, India, (69.5 %).

PROFESSIONAL EXPERIENCE

	Name of the Institution	Post held	Period
Teaching	School of Industrial Fisheries Cochin University of Science and Technology	Assistant Professor (Stage II)	15/01/2021 to till date (Presently working)
	St, Albert's College (Autonomous), Ernakulam	Assistant Professor	Joined on 17 th October, 2013 to 14 th January 2021
Administration & Extension	MPEDA (Ministry of Commerce and Industry, Govt. of India)	Assistant Director	February 2013 to October 2013
	NCC- ARMY Wing 21 K Bn.	Care Taker Officer	17 th April, 2015 to 31 st May 2018
	All India Catholic University Federation (AICUF)	College Animator	1 st June 2017 to till date
Research Experience	ICAR-Central Institute of Fisheries Technology	Senior Research Fellow	March-2009 to February-2013
	School of Industrial Fisheries, Cochin University of Science and Technology	Research Fellow	October -2007 to September 2008
	Microbiology Division of N.I.O (CSIR)	Project Assistant	July 2005 to August 2005
Industrial Experience	Cap Seafood's PVT.LTD, Cochin- 10	Quality Control	June 2004 to July 2005
	Moon Fisheries, PVT. LTD.	Quality Control	February 2009 to March 2009
	Quality Assurance and Management Division, C.I.F.T	Trainers Trainee	October 2008 to November 2008

AWARDS AND ACHIEVEMENTS

- ***“Jawaharlal Nehru Award for Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences for Fisheries-2017”*** from **Indian Council of Agricultural Research, Govt. of India, New Delhi.**
- ***“Best Science Enrichment Award-2017”*** awarded by Pearl Education Foundation Excellence Awards to higher Education in India-2017, (Registration No: 101/2015, under the Indian Trust Act), Tamil Nadu, India.
- Selected as ***“International Intern for Research at U.K 2016-17”*** by **FLAIR**, Collegiate Education Department, Govt. of Kerala.
- ***“Prof. FIGUERA BOOK PRIZE AWARD 2007”*** for best M.Sc. student in the Department of Industrial Fisheries, Cochin University of Science and Technology.
- ***“Best Poster Award”*** under the technical session on safe seafood-emerging post-harvest technologies in the International symposium on Green Fisheries- Towards Green Technologies in Fisheries during, 2013.
- ***“Second Rank Holder”*** in M.Sc. Industrial Fisheries from Cochin University (CUSAT).
- ***“Second Rank Holder”*** in B.Sc. Industrial Fish and Fisheries from M. G. University.
- ***“First Rank Holder”*** in the annual examination of catechism in Standard X (1998-1999) and Standard XII (2000-01) from St. Antony’s Church, Kaloor.
- Under the guidance of Dr. Ginson Joseph, NCC-ARMY WING of St. Albert’s College had participated in the Independence Day Celebrations Organized by District Collector at Civil Station Ground, Kakkanad and bagged ***“Manilal Memorial Ever Rolling Trophy”*** for the **Best Armed Plateau** for the year 2015 and 2016.
- Secured ***“Runner Up”*** in Table Tennis conducted by ICAR-CIFT, Cochin on 2010.
- Secured ***“Runner Up”*** in Professors Cricket League -2014 & 2015.
- Secure ***“Second Prize”*** in Tableau in Cochin University Youth Festival, CUSAT, Govt. of Kerala.
- Bagged ***“Third Prize”*** in Drama in Cochin University Youth Festival, CUSAT, Govt. of Kerala.

RESEARCH PROJECTS HANDLED AS PRINCIPAL INVESTIGATOR			
Title of the project	Funding Agency	Nature of Duty	Duration
Evaluation of Good Aquaculture Practices (GAqPS) in Kerala	University Grant Commission (U.G.C) Total Outlay of the Project: 2.45 Lakh)	Principal Investigator	2014-2016
Nutritional Profiling and Utilization of Silver pompano (<i>Trachinotus blochii</i>) for Sustainable Rural Economy.	SEED Grant, Govt. of Kerala (Total Outlay of the Project: 2.00 Lakh)	Principal Investigator	2021-2022

EXTENSION PROJECTS HANDLED AS PROJECT COORDINATOR			
Title of the project	Funding Agency	Nature of Duty	Duration
3-day training and capacity building programme on " <u>Valorization of Fish and Fishery Products for Entrepreneurship Development</u> " for 400 beneficiaries by the financial support of PMMSY-NFDB, Hyderabad. Fishers, fish farmers, women communities, self-help groups, start-ups, unemployed youth are the beneficiaries of this programme.	National Fisheries Development Board, Govt. of India (Total Outlay of the Project: 7.1 Lakh)	Programme Coordinator	2021-2022
Summer / winter school (MOOC) on "Skill Development Programme on Hygienic Handling and Seafood Valorization	RUSA 2.0 CUSATECH Foundation (Total Outlay of the Project: 2.77 Lakh)	Programme Coordinator	2021-2022

PATENT FILED		
Title of the patent	File No.	Date of Applying
A process for the development of fish gel from thread fin bream (<i>Nemipterus japonicus</i>) in synthetic casings by high pressure processing	2830/CHE/2012	12/07/2012

NEW TECHNOLOGIES INTRODUCED

- New technology for the inactivation of *Listeria* in Indian white prawn by using the combination of high pressure processing and nisin was developed (which is published in proceedings of International Conference on Food Technology (**ISBN-1-0-978-81-926-250-0-3**)).
- New technology for the development of fish gel from thread fin bream (*Nemipterus japonicus*) in synthetic casings by high pressure processing”, which is filed as patent (**2830/CHE/2012 dated 12/07/2012**).
- The following technologies were developed and demonstrated to the food industry:
 - *Shucking of oyster, crab and lobster by using high pressure processing*
 - *High pressure processing of prawns and tuna*
 - *Preparation of surimi and mince based product by using high pressure processing*
 - *High pressure processing of mango pulp*

TECHNICAL CONSULTANCIES

INTERNATIONAL CONSULTANCY

- Extended Technical Consultancy in application of innovative food processing technique (ie., *High Pressure Processing*) for the preservation of fruit juices to **Juice World Pvt. Ltd, Dubai**.

NATIONAL CONSULTANCY

- Extending **consultancy** to Cochin International Airport Limited (CIAL), Cochin for fish production, value addition and marketing (Project Cost: 8.5 Lakh).

INTERNATIONAL PUBLICATIONS

1. **Ginson Joseph**, Kamalakanth, C. K., Remya Kumari, K. R., Bindu, J., & Asha, K. K. (2021). Chilled storage stability of spice marinated and high pressure processed Indian white prawns (*Fenneropenaeus indicus*). *High Pressure Research*, 41(3), 341-351. **Impact Factor: 1.37** (ISSN 1477-2299).
2. **Ginson, Joseph**, K. R. Remya Kumari, C. K. Kamalakanth, J. Bindu, K. K Asha (2020). Changes in functional properties of protein in high pressure treated Indian white prawn (*Fenneropenaeus indicus*) during chilled storage. *Journal of Aquatic Food Product Technology* Vol 29 (6), Page 531-543. **Impact Factor: 0.71** (ISSN 1547-0636).
3. **Ginson, Joseph**, Satyen Kumar Panda, Kamalakanth C.K., Bindu, J. (2019). Changes of microflora in high pressure treated Indian white prawn (*Fenneropenaeus indicus*). *Journal of High Pressure Research*. Published. Impact Factor: 1.37 (ISSN 1477-2299).
4. K.R. Remyakumari, **J Ginson**, Ajeeshkumar, KV Vishnu, KK Asha and M Suseela (2018). Biochemical profile and nutritional quality of Indian squid, *Uroteuthis duvauceli*. *International Journal of Fisheries and Aquatic Studies* Vol. 6(3), Page: 187-192. **RGIF Impact Factor: 5.69, NAAS Rating: 3.969** (ISSN 2394-0506).
5. **Ginson, J.**, Joshy, C.G., Bindu, J., Kamalakanth C.K., (2017). Optimization of high pressure processing parameters of Indian white prawn (*Fenneropenaeus indicus*). *International Journal of High Pressure Research* Vol. 37(3), Page: 389-401. **Impact Factor: 1.37** (ISSN 1477-2299).
6. **Ginson Joseph**, Eborlang Kharnaier and Remya Kumari K. R., (2017). Physicochemical and microbiological quality of aquaculture farms of Chellanam Panchayath, Ernakulam. *International Journal of Fisheries and Aquatic Studies* Vol. 5(5), Page: 428-437. **RGIF Impact Factor: 5.69, NAAS Rating: 3.969** (ISSN 2394-0506).
7. **Ginson, J.**, Satyen Kumar Panda, Kamalakanth C.K., and Bindu, J. (2015). Effect of high pressure treatment on microbiological quality of headless Indian white prawn

- (*Fenneropenaeus indicus*) during chilled storage. *Journal of Food Microbiology*. Vol.46, Page: 596-603. (Impact Factor: 3.37).
8. Sanjoy Das, K.V. Lalitha, J. **Ginson**, C.K. Kamalakanth and J. Bindu (2015). High pressure destruction kinetics along with combined effect of potassium sorbate and high pressure against *Listeria monocytogenes* in Indian white prawn muscle. *Annals of Microbiology*. Vol. 66, Page: 245-251. (Impact Factor: 1.039, NAAS Rating: 7.04)
 9. **Ginson J.**, Kamalakanth, J. Bindu, Venkateswarlu , Das, Chauhan, Gopal (2012). Changes in K-value, microbiological and sensory acceptability of high pressure processed Indian White prawn (*Fenneropenaeus indicus*). *Journal of Food and Bioprocess Technology*. Vol.6, Page: 1175-1180. (Impact Factor: 4.115, NAAS Rating 10.12)
 10. Bindu.J. **Ginson J**, Kamalakanth C.K., Asha K. K, Gopal T.K.S. (2012). Physicochemical changes in high pressure (HP) treated Indian white prawn (*Fenneropenaeus indicus*) during chill storage. *Innovative Food Science and Emerging Technologies*. Vol.17, Page: 37-42. (Impact Factor: 3.59, NAAS Rating: 8.53)
 11. C.K. Kamalakanth, J. **Ginson**, J. Bindu , R. Venkateswarlu , S. Das, O.P. Chauhan, T.K.S. Gopal (2011). Effect of high pressure on K-value, microbial and sensory characteristics of Yellowfin tuna (*Thunnus albacares*) chunks in EVOH films during chill storage. *Innovative Food Science and Emerging Technologies*. 451-452. doi:10.1016/j.ifst.2011.06.001. (Impact Factor: 3.59, NAAS Rating: 8.53)
 12. Madhusoodana Kurup, M., Sherine Sonia Cubelio, **Ginson Joseph** and Venu, S., (2010). New record of deep sea fish *Neobythites multistratus* Neils & Quero, 1991 (*Teleosti: Ophidiidae*) from Indian EEZ. *Journal of Marine Biological Association, U.K.* Vol.3, Page:1-4. (Impact Factor: 1.023, NAAS Rating: 7.02)
 13. Madhusoodana Kurup, B., Sherine Sonia Cubelio, **Ginson Joseph**, Venu, S. and Deepu, A.V., (2009). First documented record and redescription of *Glyptopidium oceanium* (*Ohidiiformes: Ophidiidae*) Indian Ocean. *Journal of Marine Biological Association of the United Kingdom*. Vol.2 Page 1-4. (Impact Factor: 1.023, NAAS Rating: 7.02)

NATIONAL PUBLICATIONS

14. **Ginson Joseph, Remya Kuamri K.R., J. Bindu (2021)**. Review on Spoilage and Quality Indices of Prawns. *Fishery Technology*. **Accepted for Publications. NAAS: 4.87 (ISSN: 0015-3001)**.
15. **Ginson Joseph, J. Bindu (2020)**. Application of high pressure processing in seafood. *Indian Food Industry Mag* Vol. 2, No 5, Page: 64-76.
16. **Ginson Joseph, J. Bindu (2017)**. Review on Biochemical Composition and Microflora of Prawns. *Fishery Technology* Vol. 54, Page: 75-85, **NAAS: 4.87 (ISSN: 0015-3001)**.
17. **Ginson J., Kamalakanth, J. Bindu, TKS Gopal (2016)**. Shelf life of high pressure treated Indian white prawn (*Fenneropenaeus indicus*) during chilled storage. ***Fishery Technology***. Vol. 53, Page: 37-47. (**NAAS Rating: 4.87**).
18. **Ginson Joseph (2016)**. Status of Good Aquaculture Practices (GAqP) in the aquaculture farms of Alappuzha. ***Aquinas Journal of Multidisciplinary Research***. Vol. 2, Page: 16-28, (**ISSN-2395-7751**).
19. Bindu.J. **Ginson J**, Kamalakanth C.K., Gopal T.K.S. (**2015**). High pressure treatment of green mussel *Perna viridis* Linnaeus, 1758: effect on shucking and quality changes in meat. ***Indian Journal of Fisheries***. Vol. 62, Page: 70-76. (**Impact factor: 0.20**).
20. C. K. Kamalakanth, T. K. Srinivasa Gopal, C. G. Joshy, J. **Ginson** and C. N. Ravishankar1 (**2015**). Optimisation of Physical Properties of Ready to Cook Fish Incorporated Noodles using Response Surface Methodology. ***Fishery Technology***. Vol. 52, Page: 109-117. (**NAAS Rating: 4.87**).
21. Sherine Sonia Cubelio, **Ginson Joseph**, Venu, S., Deepu, A.V. and Madhusoodana Kurup, B., (**2011**). Redescription of *Dicrolene nigricaudis* (Alcock, 1899) a rare species of deep sea cusk eel (Ophidiiformes: Ophidiidae) from Indian EEZ. *Indian Journal of Marine Sciences*. Vol. 38, Page: 166-169 (Impact Factor: 0.563, NAAS Rating 6.18).
22. Deepu, A.V., **Ginson Joseph** and Madhusoodana Kurup, (**2010**). Redescription of smooth lantern shark, *Etmopterus pusillus* (Lowe, 1839) from the EEZ of India. ***Fishery Technology***. Vol. 42, Page: 189-194, (**NAAS Rating : 4.87**).
23. Sherine Sonia Cubelio, **Ginson Joseph**, Venu, S., Deepu, A.V. and Madhusoodana Kurup, B., (**2009**). Redescription of bathyal fish *Glyptophidium macropus* Alcock,

1894 from Indian EEZ (*Ophidiiformes: Ophidiidae*). **Bombay Natural History Society**. Vol. 108, Page: 137-140, (NAAS Rating: 3.97).

24. Sherine Sonia Cubelio, **Ginson Joseph**, S. Venu and B. Madhusoodana Kurup (2009). New record of deep sea cusk eel *Bassozetus robustus* Smith and Radcliffe (1913) (*Ophidiiformes: Ophidiidae*) from the Indian EEZ with a redescription. **Journal of Marine Biological Association India**. Vol. 51, Page: 118-121. (NAAS Rating: 4.87).

SEMINARS/SYMPOSIA PROCEEDINGS

INTERNATIONAL

- Sanjoy Das, Lalitha K.V., **Ginson Joseph** and Bindu J. “Combination of nisin and high pressure processing: An effective method for inactivation of *Listeria monocytogenes* in white shrimp” in 3rd Incoftech-2013 International conference on Food Technology-2013 – Ministry of Food Processing, India, 4-5th Jan. (ISBN-109788192625003).

NATIONAL

1. **Ginson Joseph (2015)**. High Pressure Processing on Value added Indian White Prawn”. 25th Swadeshi Science Movement, Kerala and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December,2015.
2. **Ginson Joseph (2015)**. Paper entitled “**Good Aquaculture Practices in the farms of Thrissur District-a Case Study**” was orally presented at National Seminar on “25th Swadeshi Science Congress” organized by Swadeshi Science Movement, Kerala and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December 2015.
3. Ginson Joseph, Ebrolang Kharnaier, Juby Joseph, Thamanna V.A., (2015). Paper entitled “**Comparison of Good Aquaculture Practices (GAqP) and microbiological parameters in the farms of Alappuzha**” was orally presented at National Seminar on “Recent Advances in Mariculture and its Possibilities in Kerala Coast” sponsored by University Grant Commission (U.G.C), Govt. of India organized by Department of Zoology, St. Joseph’s College for Women, Kerala, India on 20th and 21st October 2015.

4. **Ginson Joseph (2014)**. “Effect of high pressure on bacteria of India Indian white prawn (*Fenneropenaeus indicus*)”. National seminar on “Microbes for green environment” sponsored by University Grant Commission on Aug, 2014. (No: OP-3).
5. Bindu.J., Kamalakanth C.K., **Ginson J**, Asha K.K, Sanjoy Das and Gopal T.K.S. “*High pressure processing of aquatic products*” in National Workshop cum Demonstration on “High pressure processing of high values perishable commodities” conducted by IIT, Kharagpur on March, 2013 (Page No: 25-30).
6. Bindu.J., Kamalakanth C.K., **Ginson J**, Asha K.K, Sanjoy D. and Gopal T.K.S. “*High pressure processing of marine products*” in National Training on “Application of high pressure for food processing” conducted by C.I.F.T, Cochin on March, 2013, (Page No: 1-12).

INTERNATIONAL BOOK PUBLISHED		
Publisher	Title of the Book	Author
Lambert Academic Publishing, Germany (ISBN: 978-3-659-74894-3)	<i>High Pressure Processing for the Preservation of Indian White Prawn</i>	Ginson Joseph
Lambert Academic Publishing, Germany (ISBN: 978-620-0-46702-7)	<i>Bioactive Peptides of Indian Squid</i>	Remya Kumari & Ginson Joseph
NATIONAL BOOK PUBLISHED		
Director of Public Relations and Publications Cochin University of Science and Technology (ISBN: 978-81-95480-41-8)	<i>Matsyam Ningale Samrambhakarakkum</i>	Ginson Joseph
Book Chapter Published		
Kamalakanth, Jones, Ginson J , et al., (2009). “ <i>Development of tuna incorporated ready to cook noodles by extraction technology</i> ” in “Conservation and Sustainability of Coastal Living Resources of India” published by Society of Fisheries Technologies, India (<u><i>ISBN 978-81-901038-7-9</i></u>), (PQAP-28, P: 118).		

EDITORIAL WORK AS REVIEWER

INTERNATIONAL JOURNAL

- Reviewed the research manuscript (031014139) Akande et al with the title “Effects of Different Packaging Materials on the Shelf Stability of Ginger Juice” in **International Greener Journal** 17th March, 2014.
- Reviewed the research manuscript entitled “Utilization and Influence of Condiments Prepared from Fermented Legumes on Quality Profile of Meat”. **Journal of Food Research** (ISSN: 1927-0887, Print).
- Reviewed the research manuscript entitled “Determination of Aspartame Levels in Soft Drinks Consumed in Ankara, Turkey”. **Journal of Food Research** (ISSN: 1927-0887, Print).
- Reviewed the research manuscript entitled “Application of high-pressure assisted thermal processing (PATP) at pilot scale for replacing conventional maturation and thermal cooking in whiteleg shrimp (*Litopenaeus vannamei*)”. **Journal of the Science of Food and Agriculture** (0022-5142, print).

EXTENSION ARTICLES PUBLISHED

- Prepared a Video on the operation of high pressure processing machine (2012).
- Four Pamphlets regarding high pressure processing of seafood were prepared.
- **Scientific Columnist (Fisheries and Aquaculture)** in Kuttikalude Deepika Magazine (Pioneer Malayalam Publisher for Children) (RNI No. 3289/58) and three articles published.

INVITED LECTURES AT INTERNATIONAL/NATIONAL/REGIONAL LEVEL

1. **Invited Lecture** on (Resource Person) on the topic of “*HACCP for Seafood Safety*” in **the International Workshop cum Training** on Basic Hygiene and Application of HACCP Based Food Safety Management System (Level-3), organized by Albertian

Centre for Human Resource Development and Research and Food Safety Solutions International on 19th to 21st November, 2019.

2. **Delivered a Lecture** (Resource Person) on the topic of *High Pressure Processing (HPP), an Innovative Technology for Food Processing* in “**National Seminar on Frontiers in Food Science**” sponsored by M.G. University, Kottayam organized by NSS College, Changanacherry on 2nd & 3rd August 2018.
3. **Invited Lecture** on “*High Pressure Processing (HPP), an Innovative Technology for Seafood Processing*” at NIFPHATT, Cochin Govt. of India on 22/11/2019.
4. **Invited Talk** delivered on “*High Pressure Processing on Seafood*” during a Short course on “**Practical Aspects of Seafood Safety**” at ICAR-CIFT (Govt. of India), Cochin.
5. **One-day lecture** about “Ornamental fish farming, Breeding, Aquarium setting, Maintenance, and Common fish disease” had delivered to eight Ornamental fish units at Alappuzha district invited by FIRMA, Government of Kerala.

RADIO TALKS

1. Delivered a **Malayalam Radio talk (Invited Talk)** on “*Uyarnna Sammardha Samskarana Sakethika Vidhya Matsya Samskaranathinu*” at All India Radio/Doordarshan, Govt. of India on 07/06/2015.
2. Delivered a **Malayalam Radio talk (Invited Talk)** on “*Quality Fish Culture Methods for Selfemployment*” at All India Radio/Doordarshan, Govt. of India on 14/08/2020.
3. Delivered a **Malayalam Radio talk (Invited Talk)** on “*Dried fishes for entrepreneurship*” at All India Radio/Doordarshan, Govt. of India on October 2021.

ORAL PRESENTATION IN CONFERENCE, SYMPOSIUMS etc.

INTERNATIONAL

1. Oral Paper Presentation on Quality Evaluation of Ready to cook, Pressurized Indian White Prawns” in **International Conference on Impact of Climate Change on Hydrological Cycle, Ecosystem, Fisheries and Food Security (ClimFishCon 2020)** sponsored by **Govt. of Kerala** organized by CUSAT, Cochin on 11th to 14th February, 2020.
2. Oral Paper Presentation on “*Shelf Life Evaluation of Value Added High Pressure Processed Indian White Prawns (Fenneropenaeus indicus)*” in **International Conference on “Innovations and Challenges in Food Processing Sector”** sponsored by **University Grants Commission (U.G.C)**, Govt. of India Organized by B.Voc. Food Processing Technology, St. Teresa’s College (Autonomous), Ernakulam on 9th and 10th February, **2018**.
3. Oral paper presentation on the topic of “*Chilled storage stability of spice marinated and high pressure processed Indian white prawn (Fenneropenaeus indicus)*” during the **International conference (11th Indian Fisheries and Aquaculture Forum) on “Fostering Innovations in Fisheries and Aquaculture-Focus on Sustainability and Safety”** organized by Asian Fisheries Society, Indian Branch (AFSIB) and IACR- Central Institute of Fisheries Technology (ICAR-CIFT) at Cochin on 21st to 24th November **2017**.
4. Oral Paper Presentation on “*Status of good aquaculture practices (GAqP) in the farms of Kottayam*” in the **Albertian International Knowledge Summit-2017** organized by organized by St. Albert’s College, Ernakulam on 26th January 2017.

NATIONAL

1. Oral Paper Presentation on “*Changes of Microflora in High Pressure Treated Headless Indian White Prawn (Fenneropenaeus indicus)*” in the **National Seminar on “27th Swadeshi Science Congress”** organized by **Swadeshi Science Movement, Kerala** unit of Vijnana Bharati and Amrita Viswa Vidyapeetham, Amrita University, Kollam during 7-9 November 2017.
2. Oral Paper Presentation on “*Good Aquaculture Practices (GAqP) in the farms of Alappuzha*” in the **National Seminar on “26th Swadeshi Science Congress”** organized by **Swadeshi Science Movement, Kerala** unit of Vijnana Bharati and CMFRI, Kochi during 7-9 November 2016.

3. Oral Paper Presentation on “*High Pressure Processing on Value Added Indian White Prawn*” in the **National Seminar on “25th Swadeshi Science Congress”** organized by **Swadeshi Science Movement, Kerala** and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December 2015.
4. Oral Paper Presentation on “*Good Aquaculture Practices in the farms of Thrissur District-a Case Study*” in the **National Seminar on “25th Swadeshi Science Congress”** organized by **Swadeshi Science Movement, Kerala** and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December 2015.
5. Oral Paper Presentation on “*Comparison of Good Aquaculture Practices (GAqP) and microbiological parameters in the farms of Alappuzha*” in the **National Seminar on “Recent Advances in Mariculture and its Possibilities in Kerala Coast”** sponsored by **University Grants Commission (U.G.C), Govt. of India** organized by Department of Zoology, St. Joseph’s College for Women, Kerala, India on 20th and 21st Oct. 2015.
6. Oral presentation on “*Effect of high pressure on bacteria of India white prawn (Fenneropenaeus indicus)*” in the **National seminar on “Microbes for green environment”** sponsored by **University Grants Commission (U.G.C), Govt. of India** on August, 2014.

POSTER PRESENTATION IN CONFERENCE, SYMPOSIUMS ETC.

INTERNATIONAL

- **Ginson J.** Shelf life evaluation of high pressure treated peeled and undeveined (PUD) Indian white prawn (*Fenneropenaeus indicus*) at low temperature storage in Global symposium on aquatic resources for eradicating hunger and malnutrition – opportunities and challenges Mangalore, 4-6th December, 2012.
- **Ginson Joseph.** Physicochemical and microbiological changes of high pressure treated Indian white prawns (*Fenneropenaeus Indicus*) during chill storage. OMICS International Conference and Exhibition on Food Processing & Technology, 24-26th Hyderabad, November, 2012.

INTERNATIONAL

1. **Ginson Joseph**, Kamalakanth C.K., and Bindu. J. Shelf life evaluation of value added high pressure processed indian white prawns (*Fenneropenaeus indicus*) in ***International Conference*** on “Innovations and Challenges in Food Processing Sector” sponsored by University Grants Commission (U.G.C), Govt. of India Organized by B.Voc. Food Processing Technology, St. Teresa’s College (Autonomous), Ernakulam on 9th and 10th February, 2018.
2. Ginson Joseph, Kamalakanth C.K., and Bindu. “*Chilled storage stability of spice marinated and high pressure processed Indian white prawn (Fenneropenaeus indicus)*” during the **International conference (11th Indian Fisheries and Aquaculture Forum) on “Fostering Innovations in Fisheries and Aquaculture- Focus on Sustainability and Safety”** organized by Asian Fisheries Society, Indian Branch (AFSIB) and IACR- Central Institute of Fisheries Technology (ICAR-CIFT) at Cochin on 21st to 24th November 2017.
3. Bindu J, **Ginson J**, Kamalakanth C.K., Das S. and Gopal T.KS. “*Effect of high pressure on shucking of green mussel (Perna viridis) and quality changes in meat during chill storage*”. 7th International Food Convention (IFCON), December 18 - 21, 2013, CSIR-CFTRI Campus, Mysore, Karnataka. (**C-135, Page No: 281**).
4. Kamalakanth C.K, **Ginson J**, Joshy C.G., Bindu J, Asha K.K & Srinivasa Gopal T. K. 2013. “*Optimization of high pressure processing parameters for yellowfin tuna (Thunnus albacares) steaks using response surface methodology*” in International Symposium on Greening Fisheries -Towards Green Technologies in Fisheries during 21-23 May 2013 at Cochin, Kerala. (**SSP-45, Page No: 156**).

5. **Ginson Joseph**, Kamalakanth C.K., Bindu J, Asha K.K. Sanjoy Das & Srinivasa Gopal T.K. "*Physicochemical and microbiological changes of high pressure treated Indian white prawns (*Fenneropenaeus Indicus*) during chill storage*". **Journal of Food Processing Technology, Volume 3, issue 10 (ISSN: 2157-7110)** OMICS International Conference and Exhibition on Food Processing & Technology, 24-26th Hyderabad, November, 2012. (ISSN: 2157-7110).
6. Kamalakanth C.K., **Ginson Joseph**, Bindu J, Asha K.K. Sanjoy Das & Srinivasa Gopal T.K. "*Quality changes in condiment incorporated high pressure processed prawns during low temperature storage*" **Journal of Food Processing Technology, Volume 3, issue 10 (ISSN: 2157-7110)** OMICS International Conference and Exhibition on Food Processing & Technology, 24-26th Hyderabad, November, 2012. (ISSN: 2157-7110).
7. Sanjoy Das, Lalitha K.V., **Ginson Joseph** and Bindu J. "*High Pressure destruction kinetics of *Listeria monocytogenes* in Indian white prawn*" in International conference on Innovations in Food Processing , Value chain management & Food safety (IFpvs) January 10-11, NIFTEM, India. (**Theme- 1, Page No. 73**).
8. **Ginson J**, Kamalakanth C.K., Bindu J., Asha K. K., Das S & Srinivasa Gopal T. K. "*Shelf life evaluation of high pressure treated peeled and undeveined (PUD) Indian white prawn (*Fenneropenaeus indicus*) at low temperature storage*" in Global symposium on aquatic resources for eradicating hunger and malnutrition – opportunities and challenges Mangalore, 4-6th December, 2012. (**PP-5, Page no-137**).
9. Kamalakanth C.K., **Ginson J**, Bindu J., Asha K. K., Das S & Srinivasa Gopal T. K. "*Quality changes in yellowfin tuna (*Thunnus albacares*) subjected to 200 MPa pressure during chill storage storage*" in Global symposium on aquatic resources for eradicating hunger and malnutrition – opportunities and challenges Mangalore, 4-6th December, 2012. (**PP-6, Page No-138**).
10. Madhusoodana Kurup, **Ginson Joseph** and M. Harikrishnan "*Indigenous ornamental fish germplasm inventory of India with reference to need for a paradigm shift of the industry from wild caught to farmed stock*" was published in International Conference on Ornamental fish breeding, farming and trade (Ornamentals Kerala,

2008) jointly organized by Dept. of Fisheries, Govt. of Kerala and Ministry of Agriculture, Govt. of India. (No: WS IV-01, Page No: 8).

NATIONAL

1. **Ginson Joseph**, Satyen Kumar Panda, Kamalakanth C.K., and Bindu. J. "*Changes of Microflora in High Pressure Treated Headless Indian White Prawn (*Fenneropenaeus indicus*)*" in the **National Seminar on "27th Swadeshi Science Congress"** organized by **Swadeshi Science Movement, Kerala** unit of Vijnana Bharati and Amrita Viswa Vidyapeetham, Amrita University, Kollam during 7-9 November 2017.
2. **Ginson Joseph**. "*Good Aquaculture Practices (GAqP) in the farms of Alappuzha*" in the **National Seminar on "26th Swadeshi Science Congress"** organized by **Swadeshi Science Movement, Kerala** unit of Vijnana Bharati and CMFRI, Kochi during 7-9 November 2016.
3. **Ginson Joseph**. "*High Pressure Processing on Value Added Indian White Prawn*" in the **National Seminar on "25th Swadeshi Science Congress"** organized by **Swadeshi Science Movement, Kerala** and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December 2015.
4. **Ginson Joseph, Ebrolang, Kharnaior, Bibitha Vijayan, ThamanaV.A** "*Good Aquaculture Practices in the farms of Thrissur District-a Case Study*" in the **National Seminar on "25th Swadeshi Science Congress"** organized by **Swadeshi Science Movement, Kerala** and Sree Sankaracharya University of Sanskrit, Kalady on 16th and 18th December 2015.
5. Kamalakanth C.K., Jones Varkey, **Ginson J**, Bindu J., C.N Ravishankar, & Srinivasa Gopal T K. (2009). "*Development of tuna incorporated ready to cook noodles by extraction technology*" in National seminar on "Conservation and Sustainability of Coastal Living Resources of India" conducted by Central Institute of Fisheries Technology, Cochin on December, 2009. (PQAP-28, Page No: 118).

ORGANIZING CONFERENCES/SEMINAR/TRAINING etc.

1. Organized 3-day non-residential ***physical training and capacity building programme*** on "Valorization of Fish and Fishery Products for Entrepreneurship Development" for **400 beneficiaries** by the financial support of PMMSY-NFDB, Hyderabad.
2. Organizing Secretary of "***Three Day International Workshop cum Training on Basic Hygiene and Applications of HACCP Based Food Safety Management System (Level-3)***" Organized by Albertian Centre for Human Resource Development and Research in association with Food safety Solutions International on 19th to 21st November, 2019.
3. Organizing Secretary for the ***One Day National Workshop cum Training on e-Learning through Apple iOS***" Organized by Albertian Centre for Human Resource Development and Research on 6th November, 2019
4. Coordinator and Organizing Secretary for the ***One Day Workshop on Scientific Guidelines for Responsible Aquatourism***" in connection with the World Science Day Celebrations-2019 (WSDPD-2019) organized by Research Dept. of Fisheries and Aquaculture and Dept. of Travel and Tourism at Seminar Hall of St. Albert's College, Ernakulam on 15th November, 2019.
5. Organizing Secretary for ***One Day World Science Day Celebrations-2018*** and organized Scientific Talk and Interaction on the topic of Integrating Science and Technology into Aquaculture: Sustainable Aquaculture production systems and Precision Aquaculture on 15th November 2018 at Seminar Hall of St. Albert's College, Ernakulam.
6. Organized ***Two Day National seminar on "Best Environmental Practices for Fisheries and Aquaculture"*** in connection with World Environment Day Celebrations-2018 on 12nd& 13rd June, 2018 at Seminar Hall, St. Albert's College (Autonomous), Ernakulam Supported by Kerala State Council for Science, Technology and Environment (KSCSTE), Govt. of Kerala.
7. Organized ***One Day "Awareness Campaign on Beach Waste Disposal"*** in connection with World Ocean Day – 2018 Celebrations by the support of NETFISH-

MPEDA, Govt. of India, Sea club and Conservation Research Group on 26th June 2018.

8. Organized ***Two Day National seminar on “Good Aquaculture Practices (GAqP) in the Wetlands of Kerala”*** on 2nd& 3rdFebruary, 2017 at Seminar Hall, St. Albert’s College (Autonomous), Ernakulum Supported by Kerala State Council for Science, Technology and Environment(KSCSTE), Govt. of Kerala
9. Organized ***Two Day National seminar on “Sustainable Management of Aquatic Resources”*** at Seminar Hall, St. Albert’s College (Autonomous), Ernakulum Supported by Kerala State Council for Science, Technology and Environment(KSCSTE), Govt. of Kerala
10. Organized a ***Two Day seminar on “Responsible Fisheries”*** Association with “SEACLUB”, NETFISH-MPEDA, Govt. of India on 20th and 21st October 2015.
11. Organized a ***“dial out conference”*** to the underprivileged students in various colleges of Kerala in association with Reliance Foundation, Kerala on 01/05/2015.
12. Organized ***one day National Workshop cum Training*** on “High pressure processing for food preservation” conducted by C.I.F.T, Cochin.

RESOURCE PERSON

- **Rapporteur** in International Conference (ClimFishCon 2020) on Impact of Climate Change on Hydrological Cycle, Ecosystem, Fisheries and Food Security organized by Dept. of Fisheries, Govt. of Kerala & CUSAT at Le Meridien, Kochi.
- **Career Counsellor** in the Albertian Integrated Development Project (AIDP) for Vathuruthy area.
- **Member of Jury** for evaluating the projects for KVS 47th **Jawaharlal Nehru National Science, Mathematics and Environment Exhibition (JNNSMEE) for children** conducted by **Kendriya Vidyalaya Sangathan** under the theme **“Science and Technology for Sustainable Development”** on 3rd October 2019.
- Moderator for student presentation session in the Albertan Knowledge Summit: An International Conference on Multidisciplinary Research Organized by St. Albert’s College held on 4th to 23rd January 2019.

- **Chaired as Resource Person** for Research Paper Presentation (Technical Session) in “National Seminar on Wetlands and Climate Change” funded by KSCSTE, Govt. of Kerala (5th February 2019).
- **Chaired in the Technical Session** for Research Paper Presentation in National Seminar on “Educating Through Science for Sustainable Technological Applications” funded by KSCSTE, Govt. of Kerala (26th February 2019).
- **Chaired** a session in the National Seminar on Wetlands for a Sustainable Urban Future in connection with World Wetland Day Celebrations-2018 held at St. Albert’s College, Ernakulam supported by KSCSTE, Govt. of Kerala on 1st Feb 2018.
- **Chaired in the Technical Session** for Research Paper Presentation at the One day International Seminar on Recent Trends in Molecular Diagnostics (RTMD-2017) at St. Albert’s College, Ernakulam on August 10th 2017.
- Resource person for reliance foundation information service, Kerala in “**dial out conference Coaching**” for underprivileged students in various colleges of Kerala held on 12/05/2015.
- **Resource Expert** for Vembanad Fish Count -2014 and Conservation held on 29th and 30th May 2014 at Vembanad Lake, in Kerala.
- **Resource Person** for a session in the five days workshop on entrepreneurship development organized by School of Industrial Fisheries, CUSAT during 4th to 8th April 2022.
- Member for designing new curricula of B.Voc Commercial Aquaculture and he designed new syllabus in for the said programme which is sanctioned Vide No. 1-25/2018/(NSQF)/89 dated 29/07/2019.
- Member for designing the new B.Voc. Course (ie., B.Voc in Commercial Aquaculture) which is sanctioned from University Grants Commission (U.G.C), Govt. of India **Vide No. 1-25/2018/(NSQF)/89 dtd. 29/07/2019.**

PARTICIPATION IN SEMINARS

- Participation in International Seminars/Symposia etc : 14 Nos
- Participation in Seminars/Symposia etc : 34 Nos

PARTICIPATION IN PROFESSIONAL TRAININGS			
Sl. No.	Courses	Conducting Agencies	Number of Days
•	Short term course on “ Seamanship and Navigation”	C.I.F.N.E.T, Govt. of India	35 days
•	Training on “Pre-processing and Processing Methods”	R.F Exports	30 days
•	Online induction program for newly recruited teachers	CEESA & CUSAT	31 days
•	90 th Orientation Programme	UGC-HRDC, Calicut University	28 days
•	ICAR-Sponsored winter school on “Antimicrobial Resistance in Fish and Aquatic Environment and its Impact on Human Health”	ICAR-CIFT Govt. of India	21 days
•	Training on “Laboratory Techniques for Microbiological Examination of Seafood”	C.I.F.T (ICAR) Govt. of India	12 days
•	Training course on “Modern Analytical Techniques in Biochemistry by GC, GCMS, HPLC, LCMS-MS, AAS, ICP-OES and FTIR”	C.I.F.T (ICAR) Govt. of India	12 days
•	Short-term training course on “ Practical Aspects of Seafood Safety”	C.I.F.T (ICAR) Govt. of India	10 days
•	Online FDP on “ Scaffolding for students: Role of College Teachers”	UGC STIRDE M.G. Uty	7 days
•	Online FDP on Academic Writing For Research	Ramanujan College University of Delhi	7 Days
•	Workshop on “Maine Fish Identification and Taxonomy”	CMFRI Govt. of India	8 day
•	Short Term Training Programme on “Course Designing”	IIT, Bangalore, Flair, Govt. of Kerala	5 days
•	Hands-on Training Programme on Microbiology and Biotechnology	Merit Lab, Biolabs	5 days
•	Training on “Fishing voyage on board the vessel Ocean Explorar”	MPEDA Govt. of India	5 days
•	Five days hands on training in Palliative care, Basic Life Support and Disaster Management	General Hospital, Cochin Govt. of Kerala	5 days
•	Basic Course (Online & Offline Mod) in	US FDA,	5 days

seafood Hazard Analysis and Critical Control point	JIFSAN & University of Maryland	
• Train the Trainer course on “ Sanitation Control procedures (SCP) for processing fish and fisheries products”	US FDA, JIFSAN & MPEDA	4 days
• Train the Trainer course on “ Seafood HACCP Inspections and Good Aquaculture Practices”	US FDA, JIFSAN & EIC	4 days
• Training on “HACCP Concepts”	C.I.F.T (ICAR) Govt. of India	4 days
• Induction Training Programme	Flair Govt. of Kerala	3 days
• To transform and to lead	St. Albert’s College	3 days
• Workshop cum hands on training on “Value added tuna products”	MPEDA and INFOFISH	2 day
• Glittering Opportunities of Ornamental Fish Culture	Aquaculture without Frontiers (AwF) and Organic Life	1 day
• Production and Quality Assurance in Fisheries Sector	IFAA, CUSAT	1 day
• Orientation Programme on “ Production and Quality Assurance in Fisheries Sector”	IFAA (CUSAT)	1 day
• National Workshop cum Training on “ High pressure processing for food preservation”	C.I.F.T, Cochin	1 day
• National Workshop cum Demonstration on “High pressure processing of high values perishable commodities”	I.I.T, Kharagpur	1 day
• Short term course on “Fishing Vessel Engineering”	C.I.F.N.E.T Govt. of India	1 day
• Workshop on “Mentoring Skills”	St, Albert’s College	1 day
• Workshop on “Environment Management Reform for Sustainable Farming, Fisheries and Aquaculture”	School of Industrial Fisheries, CUSAT	1 day
• Workshop on “ Principles of SPSS”	St, Albert’s College	1 day
• National workshop cum Hands on Training on e-Learning through Apple iOS	HRDR, St. Albert’s College	1 day
• National workshop cum Hands on Training on Apple iOS Education	HRDR, St. Albert’s College	1 day

SERVICES TO HOME INSTITUTION

Responsibilities in the Institution

- Approved **Ph. D guide** of CUSAT.
- **Coordinator of** On-the-Job training of the department.
- **Member of** NSS Unit in Cochin University of Science and Technology, Cochin.

MEMBERSHIP DETAILS IN PROFESSIONAL BODIES

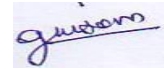
- Lifelong membership in **Society of Fisheries Technologists India (SOFTI)**, Central Institute of Fisheries Technology (ICAR-CIFT), Govt. of India.
- Lifelong membership in **Society of Marine Biologists (SOMB)**, CUSAT, Govt. of Kerala.

DECLARATION

I hereby declare that all the information stated above is true to best of my knowledge and belief.

Place: Cochin

Date: 09/08/2022



(Dr. Ginson Joseph)