

## PROFILE

**SAJITH AHAMED. M.Sc., M. Phil, Ph. D.**



Designation : Assistant Professor  
 Date of Birth : 05-08-1978  
 Permanente Address : 29 A/2. Hawwa Nager. Elankadai. Kottar. Nagercoil.  
 Kanayakumari Dist. Nagercoil. Tamil Nadu. India. 629002  
 E. mail : [asamarinebio@gmail.com](mailto:asamarinebio@gmail.com)  
 Phone Number : 00919080295156

## QUALIFICATION

S.No	Qualification	Degree	Specialization	College	Year of Passing
1	UG	B.Sc	Microbiology	Hajee Karutha Rowther Howdia College.	2001
2	PG	M.Sc	Gene technology	Barathidasan University	2003
3	M.Phil	M.Phil	Marine Biotechnology	Annamalai Unoversity	2014
4	Ph.D	Ph.D	Marine Biotechnology	Annamalai Unoversity	2017

S.No	Qualification	Diploma	Course	Institution	Year of Passing
1	Certificate Course	M.S. Office	M.S. Office	Orchid Software Solution	2000
2	Certificate Course		Online Certificate Course in Recombinant DNA Technology	Uka Tarsadia University	2020

## EXPERIENCES

S.No	Experience Type	Organization	Institute	Designation	From	To
1	Research	MoES (Ministry of Earth Science)	Maduari Kamaraj University	Junior research assistant	01-08-2010	30-03-2012
2	Research	Schoole of Marine Science	Alagappa University	Research Scholar	02-01-2006	31-12-2007
3	Research	UGC-CPEPA (central with potential for excellence in particular area),	Annamalai University	Research assistant	01-08-2012	29-07-2016
4	Teaching	Hajee Karutha		Assistant	2015	Till no

**ONGOING RESEARCH PROJECT**

S.No	Research topic	Organization
1	Improve the WSSV drug development process in <i>P.monodon</i> using various phyto chemicals and proteins of medicated plants	Non funded research
2	New aspect of diagnostic method assay performing for Shrimp viral diagnosis	Non funded research
3	Noval immune protein analysis in <i>Aedes aegypti</i> mosquito	Non funded research
4	Protein analysis in silk worm, <i>Bombyx mori</i> L	Non funded research
5	<i>Panulirus ornatus</i> (Tiger Lobster) in-vivo growth study	Non funded research

**AREA OF INTREST**

- Marine viral research
- Insect protein analysis
- Marine animal culture

**PAPERS PUBLISHED**

S.No	Title of Paper	Level	Journal Name	Author name	PP No	Volume No	Date of Pubication
1	Identification of a new type of haematopoietic progenitor kinase-interacting protein (HIP-55) in <i>Aedes aegypti</i> mosquito haemocytes and its involvement in immunity-like functions in mosquito: a molecular study	International	Parasitology Research Journal	M. Mohiadeen Batcha, <b>A. Sajith Ahamed</b> , Chiung Fang Peng	2509–2521	118	July 2019
2	An update of major DNA shrimp viruses – White Spot Syndrome virus (WSSV), Monodon Baculovirus (MBV), Infectious Hypodermal and Hematopoietic Necrosis virus (IHHNV) and Hepatopancreatic Parvovirus (HPV): An Review	International	Imperial journal of interdisciplinary research	<b>A. Sajith Ahamed</b> , M. A. Badhul Haq, M. Nirosh Banu, Chandan Tiwary & R. Sedhuraman	1322 – 1336	<b>3</b>	2017
3	Detection of white	National	Indian Journal	M A Badhul	369-	<b>13</b>	2015

	spot syndrome virus (WSSV) in the pacific white shrimp <i>Litopenaeus vannamei</i> in southern India using PCR, SEM and histological techniques		of Biotechnology	Haq, K Durgadevi, M Niros Banu, A <b>Sajith Ahamad</b> , Chandan Tiwary and M Srinivasan	375		
4	Analysis of white spot syndrome virus (WSSV) consignment in the progeny of specific pathogen free (SPF) Pacific <i>Litopenaeus vannamei</i> by RT-PCR using SYBR Green chemistry	National	Indian Journal of Biotechnology	P Kavitha, M A Badhul Haq, R Shalini, A <b>Sajith Ahamed</b> and M Srinivasan	509-513	12	2013
5	Characterization and propensity of white spot syndrome virus extracted from imported specific pathogen free (SPF) pacific <i>Litopenaeus Vannamei</i> brooders progeny by performing SF9 cell line culture	International	African Journal of Microbiology Research	M. A. Badhul Haq, P. Kavitha, A. <b>Sajith Ahamed</b> , R. Shalini and M. Srinivasan	5159-5165	7	November, 2013

### PROGRAMMES ATTENDED

S.No	Programmes	Level	Title of Programme	Institution	From	To
1	Virtual Conference	International	Indo-UK Virtual Conference on “Current Innovation and the Future of Therapeutics Developments”	Vellore Institute of Technology (VIT) and Swansea University, UK	1 <sup>st</sup> -June-2020	3 <sup>rd</sup> - June-2020
2	Seminar	National	Hormones and Breast cancer	Mizoram University	28 May 2020	
3	workshop	National	Outcome Based Education	Hajee Karutha Rowther Howdia College College	29 <sup>th</sup> Jan 2020	
4	workshop	International	Sacro Pelvic Screws & Cortical Screw	Institute of Advanced Spine Sciences Gleneagles Global Health City	8 <sup>th</sup> Oct 2017	
5	conference	International	International conference on Biotechnology and its	SERB and DBT, Govt of	23 <sup>rd</sup> Aug 2017	25 <sup>th</sup> Aug

			applications in aquaculture and fisheries	India and CAS in Marine biology, Annamalai university		2017
6	Research training course	National	XXIV Prof. K. S. Sonachalam Memorial Research Methodology Workshop	Annamalai University	06-01-2015	09-01-2015
7	Research training course	National	ICAR short course on Advanced virological techniques in fish disease diagnosis	Tamil Nadu Fisheries University, Thoothukudi.	15-09-2014	19-09-2014
8	Symposium	National	Recent trends in shrimp farming	UGC & CAS in Marine biology, Annamalai university	25 <sup>th</sup> March 2014	

### PAPER PRESENTATIONS IN CONFERENCE

1	Paper presentation	National	Protein 3D structure analysis and molecular docking of WSSV major proteins vp28, vp26, vp24 and vp19 against phytochemical of <i>Andrographis paniculata</i>	SERB and DBT, Govt of India and CAS in Marine biology, Annamalai university	23 <sup>rd</sup> Aug 2017	
2	Paper presentation	National	Studies on isolation and characterization of antiviral compounds from <i>Andrographis paniculata</i> for control of white spot syndrome virus in tiger shrimp <i>Penaeus monodon</i>	SERB and DBT, Govt of India and CAS in Marine biology, Annamalai university	23 <sup>rd</sup> Aug 2017	

### GENE SEQUENCE SUBMISSION WITH ACCESSION NUMBERS

1	GenBank Accession number - <b>KU556689</b>	WSSV virus VP19 gene
2	GenBank Accession number - <b>KU556688</b>	WSSV virus VP24 gene
3	GenBank Accession number - <b>KU556687</b>	WSSV virus VP26 gene
4	GenBank Accession number - <b>KU556686</b>	WSSV virus VP28 gene
5	GenBank Accession number - <b>KU531726</b>	IHHNV virus nonstructural protein 2 gene from Saudi Arabia
6	GenBank Accession number - <b>KU531725</b>	HPV virus structural protein gene from Saudi Arabia
7	GenBank Accession number - <b>KU531724</b>	HPV virus polyhedrin gene from Saudi Arabia
8	GenBank Accession number - <b>KU531723</b>	WSSV virus WSSV 419 gene sequence from Saudi Arabia
9	GenBank Accession number - <b>KF976715</b>	WSSV virus WSSV419-like protein gene
10	GenBank Accession number - <b>KF976716</b>	WSSV virus WSSV419-like protein gene
11	GenBank Accession number - <b>KF917449</b>	MBV virus mbv01 polyhedrin gene
12	GenBank Accession number - <b>KF917450</b>	MBV virus mbv02 polyhedrin gene
13	GenBank Accession number - <b>KF834570</b>	HPV virus HPV01 structural protein (HPSP) gene

<b>14</b>	GenBank Accession number - <b>KF834571</b>	HPV virus HPV02 structural protein (HPSP) gene
<b>15</b>	GenBank Accession number - <b>KF805628</b>	IHHNV virus IHHNV1 nonstructural protein 2-like (NS2) gene
<b>16</b>	GenBank Accession number - <b>KF805629</b>	IHHNV virus IHHNV2 nonstructural protein 2 (NS2) gene