

## CURRICULUM VITAE



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S.No	Name of the Institution	Period of Service
1	Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai	2013-2018
2	J.J. College of Arts and Science, Pudukkottai	2018-Till date

### Publications

Research papers : 11  
Citations / h – index / i 10 - index : 23/2/1  
Cumulative Impact Factor : 2.12  
Book (s) Published : -  
Book Chapter : 02

### Book Chapter

1. Zebrafish - A model organism for regeneration studies (ISBN: 978-81-932645-3-9)  
Dr.M.Syed Ali, Dr.V.Anuradha, Dr.N.Yogananth; Chapter 4: *Danio rerio genetic aspects of cardiac regeneration*. **A. Kalidoss** 47-65, Darshan Publishers, First Published in India, Nov 2016.
2. Zebrafish - A model organism for regeneration studies (ISBN: 978-81-932645-3-9)  
Dr.M.Syed Ali, Dr.V.Anuradha, Dr.N.Yogananth; Chapter 5: *Danio rerio Molecular*

*Genetics approach for hepatic regeneration. A. Kalidoss* 66-88, Darshan Publishers, First published in India, Nov 2016.

### Research articles in Journals

1. Yogananth. N, **Kalidoss.A**, Syed Ali.M, and Anuradha.V, Production of food grade pigments from *Pseudomonas aeruginosa*, *International Journal of Current Research in Biology and Medicine*, 2016, 1(1): 14-18.
2. **Kalidoss Annathurai\***, Krishnamoorthy Palaniyandi and Ravikumar Raamaiah, Callus induction and antimicrobial activity from *Ziziphus mauritiana*. Lam, *Indian Journal of Applied Microbiology*, 2015, 18 (2), 32-39.
3. Screening of Bioactive Compounds from Streptomyces associated with gut of Ornamental Fish *Caracius auratus* Selvakumar D\*, Rajan R and **Kalidoss. A**, *Indian Journal of Applied Microbiology*, 2015, 18 (2), 32-39.
4. Chanthuru A, **Kalidoss A**, and Sivakumar T, Evaluation of fatty acid profile and antimicrobial activity of *Tinospora cordifolia*, *International Journal of Comprehensive Research in Biological Sciences* 1(2) 2014 (ISSN: 2393-8560).
5. R. Ravikumar and **A. Kalidoss**, Studies on antioxidant and hepatoprotective activity of ethanolic extract of morel mushroom mycelium, *International Journal of Current Research in Chemistry and Pharmaceutical Sciences*, Volume 1 Issue 1. 2014 Pages: 93-104.
6. **Kalidoss. A** and Krishnamoorthy. P, Antioxidant efficacy of endocarp with kernels of *Ziziphus mauritiana*. Lam in *p*-DAB induced hepatocellularcarcinoma in *Rattus norvigicus*, *Indian Journal of Natural Products and Resources*, 2011: Vol. 2:307-315 (ISSN: 0976-0512).
7. Ravikumar. R\*, Krishnamoorthy. P and **Kalidoss. A**, Antidiabetic and antioxidant efficacy of *Andrographis paniculata* in alloxanized albino rats, *International Journal of Pharmacy and Technology*, Dec-2010, Vol. 2, Issue No.4, 1016-1027 (eISSN:0975-766X; IF: 1.21).
8. **Kalidoss. A** and Krishnamoorthy. P, *In vitro* antibacterial efficacy of endocarps of *Ziziphus mauritiana*. L, *Indian Journal of Applied Microbiology*, 2010: 12 (1): 8-12 (ISSN: 2249-8400-Print).
9. Arun Sasi, **Kalidoss. A**, Yoganath. B, Bhagyaraj. C and Chanthuru.A, Optimizing the conditions of L-Glutamic acid by *Corynebacterium glutamicum*, *Asian Journal of Microbiology, Biotechnology and Environmental science*, Vol. 11, No.(1): 2009: 185-188 (ISSN: 0972-3005) .
10. Jothi Basu. M, **Kalidoss. A** Kayathri, Shanmugan and Baburaj. S, *In vitro* regeneration from leaf callus cultures of *Scoparia dulcis*, *Plant Cell Biotechnology and Molecular Biology*, Vol. 9, No. (3&4): 2008: 139-142 (ISSN: 0972-2025).
11. Sivakumar. N, **Kalidoss. A** and Sivakumar. T, Influence of UV radiation and nutritional alteration on Xanthan gum production in *Xanthomonas campestris*, *Indian Journal of Applied Microbiology*, (2005): 29-33 (ISSN: 2249-8400-Print).

## Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Organized and participated	Mohamed Sathak College of Arts and Science, Chennai on 11.1.18	“Transportation of Membrane bound cancer forming receptors to nucleus through endocytosis ‘
2	Participated	Mohamed Sathak College of Arts and Science, Chennai on 30 <sup>th</sup> Jul 2015	<b>International Seminar on ‘New horizons in Microbiology’</b>
3	Participated	Centre for Ocean Research Sathyabama University, Chennai on 20- 22 <sup>nd</sup> Jul 2015.	<b>Seminar on ‘6<sup>th</sup> Popular lecture series for popularization of Biotechnology’,</b>
4	Participated	Centre for Ocean Research Sathyabama University, Chennai on 27 <sup>th</sup> Nov 2013.	<b>Seminar on ‘Popular lecture series for popularization of Biotechnology’,</b>
5	Presented and participated	Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East) 8 <sup>th</sup> - 21 <sup>st</sup> December, 2010.	<b><i>National level Refresher course on “Recent advances in Chemical Sciences and its technological applications”,</i></b>
6	Participated	JJ College of Arts and Science, Pudukkottai, during March 2008.	<b><i>National Seminar on “the present Scenario in Biodiversity, Biotechnology and Environmental Management”,</i></b>
7	Participated	Tamil Nadu Scientific Research Organization, Pudukkottai, during Nov 2008.	<b><i>State level seminar on Phytomedicines for Human health Care,</i></b>
8	Participated	Bharathidasan University, Tiruchirappalli, Silver Jubilee Celebrations, during Jan 2007.	<b><i>National Seminar on Current developments in hottest areas of Biological Sciences,</i></b>
9	Participated	Bharathidasan University, Tiruchirappalli, during Mar 2007.	<b><i>National Seminar on Past, Present and Future Scenario in Medicinal Plants and Phytochemistry</i></b>

10	Participated	Bharathidasan University, Tiruchirappalli, during Jan 2006.	<i>National Seminar- cum- special Lecture on Emenging trends in Animal Biotechnology,</i>
<b>Conferences</b>			
11	Participated	Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-600 119, held during 24 <sup>th</sup> and 25 <sup>th</sup> January 2018.	<b>National Level</b> conference on Interdisciplinary Research and Innovations in Biosciences NATCON-2018
12	Participated	Sathyabama University, Chennai on 28 <sup>th</sup> Sep, 2016.	Participated in 4 <sup>th</sup> <i>Advanced Training Programme On Spectroscopy And Microscopy</i>
13	Participated	DR NGP College, Coimbatore on 9 and 10 <sup>th</sup> Sep, 2016	14 <sup>th</sup> <b>IAAM National level conference.</b>
14	Participated	Oxford College of Science, Bangalore on 5 <sup>th</sup> and 6 <sup>th</sup> Feb 2015.	7 <sup>th</sup> annual KSTA <b>National</b> conference on “Science, Technology and Production-A means for growth”,
15	Participated	Vels University Pallavaram, Chennai on 28 <sup>th</sup> Feb 2014.	<b>National Seminar</b> on stem cells and Tissue engineering,
16	Participated	Alagappa University, Karaikkudi, during August 2010.	<i>Second National conference on Bioprospecting of Marine Resources with special reference to Marine Natural Products and Drug Discovery</i>
17	Participated	Alagappa University, Karaikkudi, during April 2007.	<i>National conference on Bioprospecting of Marine Resources with special reference to Marine Natural Products and Drug Discovery,</i>
18	Participated	Holy Cross College, Tiruchirappalli, during 2003.	<i>A Vision beyond Double Helix</i>
19	Organized	Department of Microbiology, J.J College of Arts and Science during	<i>Micro-Miracle, First Inter-collegiate Microbiology Meet,</i>

		2001.	
20	Participated	Cauvery College for Women, Tiruchirappalli, during 2000.	<i>Inter-collegiate MicroQuest-2000</i>
<b>Workshops</b>			
21	Participated	SRM University on April 8, 2017.	<b>Workshop</b> on Loop mediated Isothermal Amplification held by
22	Participated	SSN College of Engineering Chennai, 12 <sup>th</sup> June 2015.	One day <b>National workshop</b> on Water and wastewater Analysis (WWWA)
23	Organized and Participated	Mohamed Sathak College of Arts and Science, Chennai on 30 <sup>th</sup> June 2014	Workshop on radiation Biology and its applications organized by IGCAR and Mohamed Sathak College of Arts and Science, Chennai on 30 <sup>th</sup> June 2014.
24	Participated	Tamil Nadu Scientific Research Organization, at Pudukkottai, during 25-27, 2010.	<i>Workshop on hands on training in Phytochemical techniques,</i>
25	Participated	St. Joseph's College, Tiruchirappalli, during Feb 2004.	<i>Workshop on Fluorescence Technology,</i>
26	Participated	JJ College of Arts and Science, Pudukkottai, during July 2006.	<i>Workshop on 'In silico and In cybo techniques for studying Biomolecules'</i>
<b>Training programmes attended</b>			
27	Participated	Mohamed Sathak College of Arts and Science held on 11 <sup>th</sup> March 2017.	One Day <b>Training programme</b> on <i>Human Rights</i>
28	Participated	H.H The Rajah's Govt. College (Autonomous), Pudukkottai from 11 <sup>th</sup> to 13 <sup>th</sup> October 1999 by Bharathidasan University Tiruchirappalli.	Three day training programme on Leadership to NSS Volunteer
29	Participated	Internal Quality Assurance Cell, Mohamed Sathak College of Arts and Science, Chennai on 7 <sup>th</sup>	One day Faculty Development Programmed on Mentoring- being a

		December 2017.	Great teacher and moving towards excellence”
30	Participated	Mohamed Sathak College of Arts and Science on 15.02.2016.	One day <b>Faculty Development Programmed on Holistic Education”</b>
31	Participated	Kumararani Meena Muthiah College of Arts and Science, Chennai on 28 <sup>th</sup> and 29 <sup>th</sup> November 2016	One day <b>Faculty Development Programmed on Creative Thinking”</b>
<b>Symposium</b>			
32	Participated	Rajah Serfoji Govt. College, Thanjavur, Tamil Nadu, India. March 17-19, 2010	<i>National Symposium on Emerging trends in Life Sciences, .</i>
33	Participated	Jamal Mohamed College, Tiruchirappalli, during Sep 2004.	<i>National Symposium on current scenario in Microbial Technology</i>
34	Participated	J.J. College of Arts and Science (Autonomous), Pudukkottai 13.02.2019 to 15.02.2019	<i>Creation of Scientific Awareness</i>
35	Presented and Participated	J.J. College of Arts and Science (Autonomous), Pudukkottai, 2019	<i>IQAC, Quality Enhancement in Higher Education</i>

## Research Guidance

1 M.Phil. Guiding : Nil Completed : 04

## Awards and Achievements

- **Advisory board Member in** *current Research in Chemistry and Pharmaceutical Sciences.*
- **Advisory board Member in** *International Journal of Advanced Research in Biological Sciences.*
- **Advisory board Member in** *International Journal of Advances in Multidisciplinary Research.*
- **Peer Reviewer** in *International Journal of Microbiology and Biotechnology*
- **Peer Reviewer** in *Journal of Plant and Agriculture Research*
- **Peer Reviewer** in *Journal of Drugs and Pharmaceutical Science*
- **Editorial board Member** in *International Journal of Comprehensive Research in Biological Sciences.*
- **Editorial Board Member** in *American Journal of Pharmacology and Phytotherapy*

- **Editorial Board Member** in *American Research Publications*
- **Editorial Board Member** in *Advances in Cellular and Molecular Biology*
- **Editorial Board Member** in *Research Review International Journal of Multidisciplinary*
- **Lifetime membership in** *International Society of Applied Life Science.*