



# ST. ALOYSIUS COLLEGE EDATHUA

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"LET THY DIVINE LIGHT SHINE MIRACULOUSLY"

## FACULTY PROFILE

### Personal Details

Name : **Dr Shibu George**

Department : Zoology

Designation : Associate Professor

Educational Qualification : M.Sc., Ph.D., B.Ed.

Area of Specialization : Biochemistry & Microbiology

Email : [shibugeorgepala@gmail.com](mailto:shibugeorgepala@gmail.com)

Phone number : **9495048891**

### Career Profile

S. No.	Institution/ Organization	Designation	Period
1	Govt. H.S.S, Kulasekhara Mangalam, Vaikom.	HSA	2010 - 2011
2	St Aloysius College Edathua.	Assistant Professor	2011- 2023
3	St Aloysius College Edathua.	Associate Professor	2023 to till date

### Positions Held or Holding if any

S. No.	Position	Period
1	Member, Faculty of Science, Mahatma Gandhi. University, Kottayam	2017-2020
2	Member, Board of Studies (UG), Zoology, Mahatma Gandhi. University, Kottayam	2017-2020
3	HOD (Head of the Department)	2018-2021, 2024 to ....
4	Secretary, Parent- Teacher Association (PTA)	2022-2024

5	Nodal Officer, Kerala Institutional Ranking Framework (KIRF)	2023-2024
6	Coordinator, Anti-Narcotic Cell	2022-2023
7	Member, Staff Council	2018-2021
8	Secretary, Staff Association	2021-2022
9	Treasurer, Parent- Teacher Association (PTA)	2019-2021
10	Member, Parent- Teacher Association (PTA)	2019-2020
11	Member, IQAC	2019-2022
12	Returning Officer (RO), College Union Election	2021-2022
13	Assistant Returning Officer (ARO), College Union Election	2019-2020
14	Observer, College Union Election	2018-2019
15	College Union Advisor	2017-2020
16	Joint Secretary, Parent- Teacher Association (PTA)	2017-2019
17	Coordinator, <i>Walk With a Scholar</i> (WWS) Programme organized by the Govt. of Kerala	2014-2017
18	Treasurer, Staff Association	2013-2014
19	President, Zoology Association	2011-2013, 2021-2024

### Research Publications

S. No.	Publication
1	Fish Diversity Assessment in the Areethodu River of Kuttanad, Kerala, India. <i>Indian Hydrobiology</i> , 2024; 23(1):149–156.
2	Ichthyofauna of Puthanar, a Confluent Zone of Pampa and Manimala River of Upper Kuttanad, Kerala, India. <i>Indian Hydrobiology</i> , 2023; 22(1): 119–126.

3	Antimicrobial activity of methanolic extract of <i>Ludwigia parviflora</i> L. against standard bacterial strains and comparison of its activity with that of standard antibiotics. <i>Asian J Pharm Clin Res</i> , 2019; 12(3):430-432.
4	Larvicidal activity of various extracts of selected plants against the Dengue vector larvae. <i>International Journal of Current Pharmaceutical Review and Research</i> , 2018; 9(5):67-70.
5	The effect of pH on the antibiotic activity of 2, 3 dihydroxybenzoic acid (2, 3 DHB); an antibiotic isolated from the fruits of <i>Flacourtia inermis</i> and its prospects in the treatment of <i>Helicobacter pylori</i> (H.pylori). <i>World Journal of Pharmaceutical Research</i> . 2015. 4 (3). 1066 – 1073.
6	Antimicrobial and powder microscopy of the flowers of <i>Tabernaemontana divaricata</i> R.Br. <i>Indo American Journal of Pharmaceutical Research</i> . 2014; 4 (03): 1601-1605.
7	Antiprotozoal activity of 2, 3-dihydroxybenzoic acid isolated from the fruit extracts of <i>Flacourtia inermis</i> Roxb. <i>Medicinal Plants - International Journal of Phytomedicines and Related Industries</i> . 2011; 3(3):237-241.
8	Antibiotic activity of 2, 3-dihydroxybenzoic acid isolated from <i>Flacourtia inermis</i> fruit against multidrug resistant bacteria. <i>Asian Journal of Pharmaceutical and Clinical Research</i> . 2011; 4(1): 126- 130.
9	Antifungal activity of silver nanoparticle-encapsulated $\beta$ -cyclodextrin against human opportunistic pathogens. <i>Supramolecular Chemistry</i> . 2011; (1) 1-6.
10	2, 3-dihydroxybenzoic acid: an effective antifungal agent isolated from <i>Flacourtia inermis</i> fruit. <i>International Journal of Pharmaceutical and Clinical Research</i> . 2010; 2(3): 101-105.
11	Antimicrobial effect of <i>Punica granatum</i> on Pyogenic Bacteria. <i>Journal of Pharmaceutical and Biomedical Science</i> . 2010; 3(06) 1-3.
12	Antibacterial potency of fruit extracts of <i>Flacourtia inermis</i> against multidrug resistant strains and comparison of its activity with that of standard antibiotics. <i>International Journal of Pharmaceutical Science and Biotechnology</i> . 2010; 1(2):96-99.
13	Antifungal activity of acetonic extract of <i>Flacourtia inermis</i> against opportunistic pathogenic fungi. <i>Journal of Global Pharma Technology</i> . 2010; 1(6):28-34.
14	Antiprotozoal activity of the crude extract of <i>Flacourtia inermis</i> fruit by microscopic count method. <i>International Journal of Pharmaceutical &amp; Biological Archives</i> . 2010; 1(4):385-388.

15	A Review on the Medicinal Significance of Common Fruits. <i>International Journal of Biomedical Research and Analysis</i> . 2010; 1(2):60-64.
16	<i>In vitro</i> antibacterial activity of methanolic extract of fruit pericarp of <i>Punica granatum</i> against respiratory tract pathogens isolated from patients. <i>Proceedings of 22<sup>nd</sup> Kerala Science Congress</i> , 2010; pp. 44-45.
17	Antibacterial screening of seed and pericarp of medicinally important fruits of South India. <i>STARS: International Journal (Sciences)</i> . 2009; 3(1):98-102.

### Popular Articles

Sl.No.	Publications
1	അന്ധവിശ്വാസം ശാസ്ത്രയുഗത്തിലും. “യുവവാണി”- All India Radio Calicut. 25-11-2022: 7.35 pm
2	അന്ധവിശ്വാസം ശാസ്ത്രയുഗത്തിലും. മംഗളം ദിനപത്രം. 22-10-2022: Page 4.
3	വിദ്യാർത്ഥികൾ ജീവിതശൈലികൊണ്ടു കോവിഡിനെ ചെറുക്കൻ പ്രാപ്തരാകണം. ദീപിക ദിനപത്രം. 25-12-2020: Page 6.
4	പ്ലാസ്റ്റിക് വിഷപ്പുക ദുരന്തങ്ങൾ തടയാം. ദീപിക ദിനപത്രം. 12-12-2019: Page 6.
5	പ്രകൃതിദുരന്തങ്ങളെ ഒഴിവാക്കാനാവുമോ? ദീപിക ദിനപത്രം. 13-08-2019: Page 6.
6	അധ്യാപകരെ മനസ്സിലാക്കൂ! എന്നിട്ടു വിമർശിക്കൂ. ദീപിക ദിനപത്രം. 20-03-2018: Page 6.
7	എലിപ്പനിയെ പ്രതിരോധിക്കാം. ദീപിക ദിനപത്രം, 04-09-2018: Page 6.
8	വേണം, അധ്യാപകർക്കു പ്രവർത്തനസ്വതന്ത്ര്യം. ദീപിക ദിനപത്രം. 11-10-2017: Page 8.
9	മാറ്റം വേണം, സമൂഹത്തിനും അധ്യാപകർക്കും. ദീപിക ദിനപത്രം. 05-09-2016: Page 6.
10	സാംസ്കാരിക കൈമാറ്റം വിദ്യാലയങ്ങളിലൂടെ. Souvenir- “ഓർമ്മകളിൽ ഒരു തീർത്ഥാടനം” St. Augustines L.P. School, Pravithanam. 19-January-2016: Pages 88-89
11	കേരളം പച്ചക്കറി വിപ്ലവത്തിലേക്ക്. ദീപിക ദിനപത്രം. 13-10-2014: Page 6.

12	കോളേജുകൾക്ക് സ്വയംഭരണാവകാശം നൽകുമ്പോൾ. <i>Moolyasruthi-Chavara Cultural Centre Publication. February 2014: Pages 43-45.</i>
13	കാലത്തിന്റെ അടയാളങ്ങളിൽനിന്ന് വിവേചിച്ചറിയുക. <i>Moolyasruthi-Chavara Cultural Centre Publication. July 2013: Pages 19-22.</i>
14	പകർച്ചപ്പനി നൽകുന്ന മുന്നറിയിപ്പ്. <i>ദീപിക ദിനപത്രം. 12-06-2013: Page 8.</i>
15	അൻപത്തിയൊന്നാം നൂറ്റാണ്ടിന്റെ അതിപ്രസരം പബ്ലിക് സ്കൂളുകൾക്ക് വിനയാകുമ്പോൾ. <i>Golden Jubilee Souvenir- "അക്ഷരമുറ്റത്ത്"-S.H.U.P. School, Ullanad; 05-01-2013: Pages 81-84.</i>
16	"സെറ്റ്" പരീക്ഷയിലെ കൂട്ടത്തോൽവി ഒരു താക്കീത്. <i>ദീപിക ദിനപത്രം. 24-12-2012: Page 6.</i>
17	ഈ ആശങ്ക ലോകജനത ശ്രദ്ധിക്കുമോ? <i>ദീപിക ദിനപത്രം. 09-12-2011: Page 6.</i>
18	ചെറുതെങ്കിലും ഇവ വിനാശകാരികൾ. <i>ദീപിക ദിനപത്രം. 07-06-2005: Page 6.</i>

### Books Published

S. No.	Book Details
1	"For Higher Prospects" (a hand book for Walk With a Scholar Mentors & Mentees). Published by St. Aloysius College, Edathua on December 2014. (Total Book Pages 130).

### Invited Lectures/ Paper Presentations in Conferences

S. No.	Conference & Presentation Details
1	Presented a paper on "In vitro antibacterial activity of methanolic extract of fruit pericarp of <i>Punica granatum</i> against respiratory tract pathogens isolated from patients", at the 22 <sup>nd</sup> Kerala Science Congress, 2010, held at the Kerala Forest Research Institute (KFRI), Trissure.
2	Resource Person on the topic 'Fruits are Real Medicine' at St. Stephen's College, Uzhavoor on 01-09-2016.
3	Resource Person on the topic 'Dengue Fever; Cause & Remedy' organized by the NCC Unit, St. Aloysius College, Edathua on 30-08-2017.

4	Resource Person on the topic ‘Say No to Drugs’ organized by the NCC Unit, St. Aloysius College, Edathua on 26-06-2018.
5	Resource Person on the topic (webinar) ‘Better health through good hygiene habits’ organized by the NCC Unit, St. Aloysius College, Edathua on 15-12-2020
6	Resource Person on the topic “Why should I say No to Drugs?” as a part of the International Day Against Drug Abuse & Illicit Trafficking organized by the NCC & NSS of St Aloysius College on 26-06-2023.

### Research Projects

S. No.	Title of the Project	Funding Agency	Amount	Period
1	Larvicidal and Antimicrobial Properties of Selected Plants from Upper Kuttanad; an Ecologically Fragile Area of South India	UGC	2.525 L	2015-2017

### Seminar/ Workshops Organized

S. No.	Title of the Seminar/ Workshop	Funding Agency	Amount	Date
1	UGC sponsored National Seminar on ‘Emerging Nano Science and its Future in Biology’	UGC	1.25 L	21-08-2012 to 23-08-2012

### Membership in Scientific/ Professional Societies

S. No.	Name of the Society	Nature of Membership
1	Zoological Society of Kerala	Life Member