


## FACULTY PROFILE

<b>NAME</b>	<b>SWAPNA K S</b>	
<b>DESIGNATION</b>	<b>Associate Professor</b>	
<b>QUALIFICATION</b>	<b>M. Sc; B. Ed; NET; Ph. D</b>	
<b>EMAIL ID</b>	<b>kallumadathilswapna@gmail.com</b>	
<b>ADDRESS</b>	<b>Kamala Nivas Westhill P O Calicut-673005</b>	

### POSITIONS HELD IN COLLEGE

- **Ethics Committee Convenor**
- **Campus Beautification & Waste Management Committee Convenor**

### TEACHING INTERESTS

**Plant Physiology and Biochemistry, Plant Anatomy, Molecular Biology, Plant Morphology and Systematics**

### RESEARCH AREAS

**Stress Physiology and Biochemistry-Morphological, anatomical and physiological effects of metal toxicity in plants, Bioaccumulation study of metals and Phytoremediation**

### RESEARCH GUIDESHIP AND CENTRE

**RESEARCH CENTRE**

### Ph.D GUIDED

<b>SL.NO</b>	<b>NAME OF THE STUDENT</b>	<b>TITLE</b>	<b>UNIVERSITY &amp; WORK CENTRE</b>	<b>MONTH/ YEAR</b>
<b>I</b>				

### RESEARCH PROJECTS/GRANTS/FELLOWSHIPS RECEIVED

SL.NO	TITLE	INVESTIGATORS	SPONSORING AGENCY	MONTH/YEAR
1				

#### MEMBERSHIPS IN BOARD/ ASSOCIATION/ PROFESSIONAL AFFILIATIONS

• Member Board of Studies in Botany UG, University of Kannur from 2018 -2020
• Member, Board of Studies in Botany (UG Board), University of Calicut from 2016-19, 2019-
• Member Professor PS Krishnan Foundation

#### INVITED TALKS/IN MEDIA/ANY OTHER

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#### JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	Seed germination pattern in selected species of <i>Areaceae</i> .	Echoes of Research 2: 1	2348-2680	2013
2.	A simple staining technique for localization and detection of heavy metals in plants.	Govt Arts & Science College Research Journal: Essays in Contemporary Science 5: 99-102	2277-4246	2014
3.	Heterogeneity of starch grains in the mature jackfruit ( <i>Artocarpus heterophyllous</i> Lam.) seeds	Govt Arts & Science College Research Journal: Essays in Contemporary Science 5: 87-89	2277-4246	2014
4.	Accumulation pattern of heavy metals in <i>Chromolaena odorata</i> (L.) King & Robins. grown in nutrient solution and soil	International Journal of Stress Physiology & Biochemistry 10:297-314	1997-0838	2014
5.	Structural changes in response to bioaccumulation of iron and mercury in <i>Chromolaena odorata</i> (L.) King & Robins.	Springer Environmental Monitoring and Assessment 187 (9) 4732. DOI: 10.1007/s10661-015-4732-y (IF=1.7).	01676369	2015

#### CONFERENCE PUBLICATIONS

SL.NO.	TITLE	NAME OF CONFERENCE	VENUE, MONTH / YEAR

1.			
2.			
3.			

**ARTICLES IN PERIODICALS/MAGAZINES/ANY OTHER**

SL.NO.	TITLE	NAME OF PERIODICAL	MONTH/ YEAR

**BLOG/WEB ARTICLES**

SL.NO.	TITLE	URL	SUBJECT	MONTH / YEAR

**BOOKS AS AUTHOR/EDITED/CHAPTERS/REVIEWS**

SL.NO	TITLE	AUTHOR NAMES	ISBN NO.	MONTH/ YEAR
1.	Angiosperm Anatomy Reproductive Botany and Palynology	Dr. Deena Meria Jose Dr. Swapna K S Dr. Anoop K	978-93-90783- 10-6	January 2021

**SEMINARS ORGANIZED**

SL.NO	NAME OF THE SEMINAR	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	POSITION HELD	LEVEL *
1.	'Women In Science' National Science Day Seminar	KSCSTE	Department of Botany, GASC, Kozhikode 20/02/2020	Co- ordinator	State
2.					
3					

\*state/national/international

**MOOC COURSE CONDUCTED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.				

2.				
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**E-CONTENT DEVELOPED**

SL.NO	SUBJECT	TOPIC	WEBSITE LINK
1.			
2.			

**PAPER PRESENTATION AT STATE / NATIONAL/ INTERNATIONAL PROGRAMMES**

SL.NO	TITLE OF THE PAPER	NAME OF THE INSTITUTION	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE
1.				
2.				
3.				

**SEMINARS/CONFERENCES/WORKSHOPS ATTENDED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
4.	STEM Teacher Training Workshop on Research Based Pedagogical Tools	DBT, MHRD; Govt. of India, Newton Bhabha Fund of British Council, IISER Pune, Sheffield Hallam University UK, SH Thevara	4 days 11 <sup>th</sup> October 2017 to 14 <sup>th</sup> October 2017	International
5.	Seminar on “Environment and Food Safety: Impact of Human Interventions”	Department of Botany Sponsored by DCE	2 days 26 <sup>th</sup> & 27 <sup>th</sup> September 2018	National
6.	Workshop on on “Redesigning of Courses for Outcome based Education” for BOS UG	KSHEC	Tagore Nikethan, University of Calicut 12/02/2019 to 14/02/19	State
7.	(Short term Course ) GIAN Course on Rapid and Precise Assessment of Physiological Response of	01-04-2019 to 05-04-2019	University of Calicut	International

	<b>Plants towards Stress using Computerized and Portable Instruments (1<sup>st</sup> to 5<sup>th</sup> April 2019)</b>			
8.	<b>“Workshop for the revision of curriculum”</b>	<b>BOS UG Botany/Plant Science</b>	<b>S N College Kannur 2/5/19 to 3/5/19</b>	<b>State</b>
9.	<b>(Short term Course) Five day Workshop on Philosophy of Science</b>	<b>06-05-2019 to 10-05-2019</b>	<b>KSHEC at Rajagiri College of Social Sciences, Kalamassery</b>	<b>State</b>
10.	<b>Short term Course on “E-Content development”</b>	<b>24-05-2019 to 30-05-2019</b>	<b>MHRD Teaching Learning Centre, University of Calicut</b>	<b>State</b>
11.	<b>Seminar on ‘Women in Science’</b>	<b>20 February 2020</b>	<b>Department of Botany KSCSTE, Supported by DST, Govt of India</b>	<b>State</b>
12.	<b>National Webinar on ‘Phytochrome Controlled Plant Physiological Functions’</b>	<b>Albertian Centre for Human Resource Development and Research, St. Albert’s College, Ernakulam</b>	<b>29<sup>th</sup> April 2020</b>	<b>National</b>
13.	<b>Webinar on Molecular Diagnostic Platforms Through Chemistry, Biology and Nanotechnology</b>	<b>Department of Botany, University of Kerala</b>	<b>August 21,2020</b>	<b>National</b>
14.	<b>International webinar SOFI 2020 “Sustainable ornamental Fisheries:Way Foeward”</b>	<b>School of Industrial Fisheries, CUSAT</b>	<b>15-17 October 2020</b>	<b>International</b>

#### **OTHER PROGRAMMES ATTENDED**

<b>SL.NO</b>	<b>NAME OF THE PROGRAMME</b>	<b>NAME OF THE ORGANISER &amp; SPONSORING AGENCY</b>	<b>VENUE &amp; DATE</b>	<b>LEVEL *</b>
1.	Frontier Lecture			
2.				

#### **PARTICIPATION /DEPUTAED IN PROJECTS/EXTENDED ACTIVITIES INITIATED BY GOVERNMENT**

<b>SL.NO</b>	<b>NAME OF THE PROGRAMME</b>	<b>NAME OF THE ORGANISER &amp; SPONSORING AGENCY</b>	<b>PERIOD/DURATION</b>

1.			
2.			

**AWARDS/ACHIEVEMENTS/ POSITIONS/ OTHERS**

SL.NO.	NAME OF AWARDS/ ACHIEVEMENTS/OTHERS	DESCRIPTION	MONTH/ YEAR
1.			

**OTHER RELEVANT INFORMATION IF ANY**