


### 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

SL.NO	NAME OF THE STUDENT	TITLE	UNIVERSITY & WORK CENTRE	MONTH/ YEAR
I				

#### 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 "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

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

#### **OTHER PROGRAMMES ATTENDED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER& SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	Frontier Lecture			
2.				

#### **PARTICIPATION /DEPUTAED IN PROJECTS/EXTENDEDACTIVITIES INITIATED BY GOVERNMENT**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER& SPONSORING AGENCY	PERIOD/DURATION

1.			
2.			

**AWARDS/ACHIEVEMENTS/ POSITIONS/ OTHERS**

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

**OTHER RELEVANT INFORMATION IF ANY**