


### FACULTY PROFILE

<b>NAME</b>	<b>RENJANA P. K.</b>	
<b>DESIGNATION</b>	Associate Professor of Botany	
<b>QUALIFICATION</b>	M. Sc; B. Ed; Ph. D, NET	
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<b>ADDRESS</b>	Department of Botany, Govt Arts & Science College, Kozhikode 673018	

### POSITIONS HELD IN COLLEGE

<ul style="list-style-type: none"><li>• Member, Admission &amp; Orientation- UG</li></ul>
<ul style="list-style-type: none"><li>• Member, Scholarship Committee</li></ul>
<ul style="list-style-type: none"><li>• HOD, Botany</li></ul>
<ul style="list-style-type: none"><li>• Member, College Council</li></ul>
<ul style="list-style-type: none"><li>• Member, Discipline Committee</li></ul>
<ul style="list-style-type: none"><li>• Member, Planning Committee</li></ul>

### TEACHING INTERESTS

Tissue Culture, Horticulture, Genetics & Plant Breeding, Plant Physiology
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### RESEARCH AREAS

Cytogenetics, Chromosome imaging, Biological activity screening, Cytotoxicity studies on <i>Allium cepa</i> , Phytochemical profiling
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### RESEARCH GUIDESHIP AND CENTRE

RESEARCH CENTRE
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### Ph.D GUIDED

SL.NO	NAME OF THE STUDENT	TITLE	UNIVERSITY & WORK CENTRE	MONTH/ YEAR
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#### 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 Plant science (Single Board), University of Calicut since 2016 to 2019 (UO No. 10961/2016 dtd -7-09-2016).
- Member, Board of Studies in Botany (UG), Kannur University from 2018 to 2020 (Order No. c3/9992/2016 dated 23-08-2018).

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

- Delivered a talk on "New approaches in drug discovery from plants" in National seminar on 'Recent trends in Plant Science Research' held at N. S. S. College, Manjeri on 22<sup>nd</sup> and 23<sup>rd</sup> of February 2017.
- Invited talk on 'Biofertilizers-An approach to sustainable agriculture' in National Seminar on 'Harnessing beneficial microbes for sustainable agriculture on 27, 28 November 2019 at Govt College Madappally

#### JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	Comparative root anatomy of <i>Sida</i> species used as 'Bala' in Ayurveda	Journal of Medicinal and Aromatic Plant Sciences 28: 203-208	0974-7877	2006
2.	Larvicidal activities of the leaf extracts and essential oil of <i>Premna latifolia</i> Roxb, (Verbenaceae) against <i>Aedes albopictus</i> Skuse (Diptera: Culicidae)	Journal of Applied Pharmaceutical Sciences 3 (06): 101-105	2231-3354	2013
3.	Evaluation of genotoxic effects of baking powder and monosodium glutamate using <i>Allium cepa</i> assay	International Journal of Pharmacy and Pharmaceutical Sciences 5, Suppl 2: 311-316	0975-1491	2013
4.	Toxicological evaluation of root methanolic extract of	International Journal of Pharmaceutical Sciences and Drug	0975-248X	2013

	<i>Strobilanthes heyneanus</i> Nees using <i>Allium</i> Test	Research 5(3): 125-1281		
5.	Genoprotective activity of <i>Barleria prionitis</i> L. (Family: Acanthaceae)	Govt Arts & Science College Research Journal: Essays in Contemporary Science 7(2): 99-116	2277-4246	2016

### CONFERENCE PUBLICATIONS

SL.NO.	TITLE	NAME OF CONFERENCE	VENUE, MONTH / YEAR
1.	Comparative genotoxic studies of commercial turmeric fairness cream bleach and wild turmeric <i>Curcuma aromatica</i> Salisb. using <i>Allium cepa</i> bioassay	National seminar on 'Environmental issues: Challenges and concerns'	Chair for Gandhian Studies, University of Calicut. On 26, 27 February, 2014.
2.	Pharmacological evaluation of <i>Strobilanthes ciliatus</i> Nees and <i>S. heyneanus</i> Nees (Family: Acanthaceae): Anti-inflammatory and antioxidant effects)	4 <sup>th</sup> Indian Biodiversity Congress	Pondicherry University, Puducherry 10-12 March 2017
3.	Comparative pharmacological studies on members of Acanthaceae used as the drug 'Sahachara' in Ayurveda	International Conference on 'Trends in Biochemical & Biomedical Research- Advances & Challenges'	Dept of Botany, Banaras Hindu University, Varanasi 13-15 February 2018
4.	Antioxidant, anti-inflammatory studies and HPTLC fingerprint profiling of members of Acanthaceae used as the drug 'Sahachara' in Ayurveda	International Conference on Phytomedicine	Dept of Botany, Bharatiyar University 29-31 August 2018
5.			
6.			
7.			

### 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 & Microtechnique	DR RENJANA PK & DR SINITHA K	978-93-90783-09-0	January 2021

**SEMINARS ORGANIZED**

SL.NO	NAME OF THE SEMINAR	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	POSITION HELD	LEVEL *
1	Seminar on 'Plant Diversity'	Dept of Botany, Govt Arts and Science College, Kozhikode Directorate of Collegiate Education, Kerala	Dept of Botany, Govt Arts and Science College, Kozhikode 11 <sup>th</sup> and 12 <sup>th</sup> Dec. 2014	Co-ordinator	National
2	Seminar on 'herbal Drug Technology'	Dept of Botany, Govt arts & Sciece College, Kozhikode Kerala State Council for Science, Technology and Environment	Dept of Botany, Govt Arts and Science College, Kozhikode 19 <sup>th</sup> and 20 <sup>th</sup> Jan. 2016	Co-ordinator	National
3	Seminar on "Plant-Microbe Interactions: Present scenario and Future prospects"	Dept of Botany, Govt Arts & Science College, Kozhikode. Directorate of Collegiate Education, Kerala	Dept of Botany, Govt Arts and Science College, Kozhikode 14 <sup>th</sup> and 16 <sup>th</sup> Dec. 2016	Co-ordinator	National
4	Seminar and Elocution competition on 'Innovative Energy Technologies for Sustainable Future'	Dept of Botany, Govt arts & Sciece College, Kozhikode Kerala State Council for Science, Technology and Environment	Dept of Botany, Govt Arts and Science College, Kozhikode 20 <sup>th</sup> Feb. 2018	Co-ordinator	Regional

**MOOC COURSE CONDUCTED**

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

**E-CONTENT DEVELOPED**

SL.NO	SUBJECT	TOPIC	WEBSITE LINK
1.			
2.			

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

SL.NO.	TITLE	NAME OF CONFERENCE	VENUE, MONTH / YEAR
8.	Comparative genotoxic studies of commercial turmeric fairness cream bleach and wild turmeric <i>Curcuma aromatica</i> Salisb. using <i>Allium cepa</i> bioassay	National seminar on 'Environmental Issues: Challenges and concerns	Chair for Gandhian Studies, University of Calicut. On 26, 27 February, 2014.
9.	Pharmacological evaluation of <i>Strobilanthes ciliatus</i> Nees and <i>S. heyneanus</i> Nees (Family: Acanthaceae): Anti-inflammatory and antioxidant effects)	4 <sup>th</sup> Indian Biodiversity Congress	Pondicherry University, Puducherry 10-12 March 2017
10.	Comparative pharmacological studies on members of Acanthaceae used as the drug 'Sahachara' in Ayurveda	International Conference on 'Trends in Biochemical & Biomedical Research- Advances & Challenges'	Dept of Botany, Banaras Hindu University, Varanasi 13-15 February 2018
11.	Antioxidant, anti-inflammatory studies and HPTLC fingerprint profiling of members of Acanthaceae used as the drug 'Sahachara' in Ayurveda	International Conference on Phytomedicine	Dept of Botany, Bharatiyar University 29-31 August 2018

#### **SEMINARS/CONFERENCES/WORKSHOPS ATTENDED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER& SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	Emerging scenarios in Plant Science	Dept of Botany, Providence Womens's College, Kozhikode UGC	13 <sup>th</sup> & 14 <sup>th</sup> October 2006	National
2.	Seminar on Genetics, Breeding and Biotechnology	Interuniversity Centre for Plant Biotechnology, University of Calicut and Gregor Mendel Foundation, University of Calicut	Dept of Botany, University of Calicut 11 <sup>th</sup> & 12 <sup>th</sup> December 2009	National

3.	Workshop on research paper writing	CHMK Library, University of Calicut All Kerala research Scholars Association	CHMK Library, University of Calicut 15 <sup>th</sup> Sept 2010.	State
4.	Seminar on 'Forestry practices in Kerala with special reference to biodiversity conservation'	Dept of Botany, University of Calicut	Dept of Botany, University of Calicut 18 <sup>th</sup> march 2011	National
5.	Seminar on 'Hortus Malabaricus'	Dept of Botany, University of Calicut UGC	Dept of Botany, University of Calicut 17 <sup>th</sup> Feb. 2012	National
6.	6 <sup>th</sup> International Symposium on the family Zingiberaceae	Dept of Botany, University of Calicut & Indian Association for Angiosperm Taxonomy	Dept of Botany, University of Calicut 10 <sup>th</sup> to 13 <sup>th</sup> Sept. 2012	International
7.	Seminar on 'Innovative approaches in Plant Science'	Dept of Botany, Govt Arts and Science College, Kozhikode Directorate of Collegiate Education, Kerala	Dept of Botany, Govt Arts and Science College, Kozhikode 19 <sup>th</sup> & 20 <sup>th</sup> November 2012	National
8.	Seminar on 'Genetically modified crops and food security'	Dept of Botany, Govt Arts and Science College, Kozhikode DST and KSCSTE	Dept of Botany, Govt Arts and Science College, Kozhikode 19 <sup>th</sup> Feb. 2013	National
9.	Seminar on 'Recent Advances in Plant systematics'	Dept of Botany, Govt Arts and Science College, Kozhikode	Dept of Botany, Govt Arts and Science College, Kozhikode 21 <sup>st</sup> Feb. 2014	State
10.	Seminar on 'Plant Diversity'	Dept of Botany, Govt Arts and Science College, Kozhikode Directorate of Collegiate Education, Kerala	Dept of Botany, Govt Arts and Science College, Kozhikode 11 <sup>th</sup> and 12th Dec. 2014	National
11.	Seminar on 'Wetland Conservation and Sustainable Development'	Dept of Botany, Govt Arts and Science College, Kozhikode KSCSTE, Thiruvananthapuram	Dept of Botany, Govt Arts and Science College, Kozhikode 2 <sup>th</sup> Feb. 2015	State
12.	Seminar on 'Biodiversity Conservation with special emphasis on Angiosperms'	Dept of Botany, Govt Brennen College, Thalassery	Dept of Botany, Govt Brennen College, Thalassery 10 <sup>th</sup> and 11 <sup>th</sup> Feb. 2015	National

13.	Seminar on 'Agriculture for Sustainable Development'	Dept of Botany, Govt Arts and Science College, Kozhikode KSCSTE	Dept of Botany, Govt Arts and Science College, Kozhikode 20 <sup>th</sup> Feb. 2015	State
14.	Seminar on 'genetic resources & Plant Breeding'	Dept of Botany, Govt Brennen College, Thalassery Directorate of Collegiate education, Thiruvananthapuram	Dept of Botany, Govt Brennen College, Thalassery 17 <sup>th</sup> and 19 <sup>th</sup> Oct. 2016	National
15.	Workshop on 'Advanced Techniques of Molecular Biology'	Dept of Botany, KKTU Govt College, Kodungallur KSCSTE, Thiruvananthapuram	Dept of Botany, KKTU Govt College, Kodungallur 25-27, November 2015	State
16.	4 <sup>th</sup> Indian Biodiversity Congress	National Biodiversity Authority, Pondicherry University and DST	Pondicherry University, Puducherry 10-12 March 2017	National
17.	Seminar on Biodiversity of Western Ghats: Status & Challenges'	Dept of Botany, ZG College, Kozhikode	ZG College, Kozhikode 2 <sup>nd</sup> February 2018	National
18.	International Conference on 'Trends in Biochemical & Biomedical Research-Advances & Challenges'	Dept of Botany, Banaras Hindu University, Varanasi	Dept of Botany, Banaras Hindu University, Varanasi 13-15 February 2018	International
19.	International Conference on Phytomedicine	Dept of Botany, Bharatiyar University	Dept of Botany, Bharatiyar University 29-31 August 2018	International
20.	Seminar on Environment & Food safety: Impact of human intervention	Dept of Botany, Govt Arts & Science College, Kozhikode	Govt Arts & Science College, Kozhikode 26-27 September 2018	National
21.	National Seminar on 'Climate change & Biodiversity'	Dept of Zoology, Govt College, Kodanchery DCE, Thiruvananthapuram	Govt College, Kodanchery 21-22 November 2018	National
22.	Workshop on 'Plant Taxonomy, Nomenclature & Illustration'	Dept of Botany, Govt Brennen College, Thalassery	Brennen College, Thalassery 15-16 November 2018	National
23.	National Seminar on Climate change and its impact on forests	Dept of Botany, SNG College, Chelannur.	Dept of Botany, SNG College, Chelannur.	National

			Kozhikode 1, 2 April 2019	
24.	WORKSHOP ON MASTER MENTOR TRAINING PROG OF WWS MCC- 19 AUG 2019	DCE, Thiruvananthapuram	Malabar Christian College, Kozhikode on 19-Aug- 2019	District level
25.	National workshop on advanced trends in marine macro algal taxonomy, Cultivation & utilization	Ministry of Environment, Conservation & Forests	Botanical Survey of India, Southern Regional Centre, Coimbatore 21-25 October 2019	
26.	National Seminar on 'Harnessing beneficial microbes for sustainable agriculture-Recent trends'	Dept Of Botany, Govt Collge, Madappally & DCE, Thiruvananthapuram	Dept Of Botany, Govt Collge, Madappally 27, 28 November 2019	
27.	National workshop on 'Identification techniques of macrofungi and lichens'	Dept of Botany, University College, Mangaluru	Dept of Botany, University College, Mangaluru 6,7 December 2019	
28.	Seminar on Women In Science	Dept of Botany, Govt Arts & science Colleg, Kozhikode & KSCSTE, Thiruvananthapuram	Dept of Botany, Govt Arts & science Colleg, Kozhikode 20 February 2020	
29.	Swadeshi Science Congress	Swadeshi Science Movement, Kerala	CPCRI, Kasaragod 27-29 Feb 2020	

#### **OTHER PROGRAMMES ATTENDED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.				
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.			
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**AWARDS/ACHIEVEMENTS/ POSITIONS/ OTHERS**

SL.NO.	NAME OF AWARDS/ ACHIEVEMENTS/OTHERS	DESCRIPTION	MONTH/ YEAR
1.	Third Rank for B. Sc. Botany	Third rank for B.Sc. Botany, University of Calicut	1998
2.	First Rank for M. Sc. Botany	First rank for M.Sc. Botany, University of Calicut	2000
3.	First Rank for the Kerala PSC exam for Higher Secondary School Teacher (Botany)	First Rank holder in the ranked list for the post of Higher Secondary School Teacher (Botany) Senior in the Kerala Higher Secondary Education Department	July 2004
4.	First Rank for the Kerala PSC exam for Lecturer in Botany	First Rank holder in the ranked list for the post of Lecturer in Botany in the Kerala Collegiate Education Department.	December 2005
5.	General Proficiency Prize in Botany	Awarded by Providence Women's College, Calicut	1995-1998

**OTHER RELEVANT INFORMATION IF ANY**