

NAME	DR. REGI RAPHAEL K
DESIGNATION	ASSOCIATE PROFESSOR AND HOD
QUALIFICATION	MS.c, B.Ed, M.Phil, Ph.D
EMAIL ID	regiraphael6@gmail.com
PHONE NO	9961738410

TEACHING INTERESTS
Taxonomy, Morphology, Cytology, Environmental Science, Phytogeography, Economic Botany, Microbiology, Biostatistics

RESEARCH AREAS
Cytology, Biochemistry, Phytochemistry, Animal Models

ACADEMIC/ PROFESSIONAL QUALIFICATIONS

NAME OF THE PROGRAMME	INSTITUTION/UNIVERSITY	YEAR OF PASSING
MS.c botany	Calicut University	1987

B.Ed	Mahatma Gandhi University	1988
M.Phil	Kerala University	1989
Ph.D	Mahatma Gandhi University	2005

CAREER HISTORY AND TEACHING EXPERIENCE

DESIGNATION	INSTITUTION	YEAR OF SERVICE
Lecturer	Vimala College, Thrissur	2
Lecturer	St Mary's College, Thrissur	3
Lecturer Senior Scale	St Mary's College, Thrissur	5
Selection Grade	St Mary's College, Thrissur	2
Reader	St Mary's College, Thrissur	1
Assistant Professor	St Mary's College, Thrissur	1
Associate Professor	St Mary's College, Thrissur	8

OWN MPhil THESIS

TITLE	GUIDE NAME	INSTITUTION	YEAR
Cytomorphological Studies in the family Cannaceae	Dr. N Omanakumary	Kerala University, Kariavattom	1989

OWN Ph.D THESIS

TITLE	GUIDE NAME	INSTITUTION	YEAR
			2005

Pharmacological activity of plant derived drugs and the mechanism of action (with special reference to <i>Phyllanthusamarus</i> Schum&Thonn)	Dr. Ramadasan Kuttan	Mahatma Gandhi University	
----------------------------------------------------------------------------------------------------------------------------------------------	----------------------	---------------------------	--

RESEARCH PROJECTS/ GRANTS RECEIVED

SL NO	TITLE	INVESTIGATOR	SPONSORING AGENCY	YEAR
1	Study on the microflora of stored vanilla beans	Dr Regi Raphael K	UGC	2006-2008
2	Pharmacognostic, Phytochemical, Antibacterial and antioxidant studies on leaves of <i>Bauhinia phoenicea</i> Wight & Arn	Dr Regi Raphael K	UGC	2013-2015

GUIDESHIP

PhD Guideship in Botany at Bharathiar University
Ms. AlbyAlphons Baby is doing PhD

COMPLETED B.SC RESEARCH PROJECTS AS MAJOR ADVISOR

1	Stomatal studies in some members of angiosperms
2	Effect of aqueous extract of <i>Hyptis suaveolens</i> on seedling growth of three crops
3	Leaf epidermal structures in some members of genus <i>Cassia</i> linn
4	Isolation and identification of fungi from different hosts

5	Study on the mycoflora of stored vanilla beans
6	Report of some fungi from some of the rotten vegetables
7	Pharmacognostical and preliminary phytochemical screening on the leaves of <i>Bauhinia phoenicea</i> wight& arn
8	Preliminary phytochemical screening on the rhizomes of <i>Hedychium f flavescens</i> carey ex roscoe
9	Preliminary phytochemical screening on the flowers of <i>Hedychium flavescens</i> carey ex roscoe
10	Pharmacognostical and preliminary phytochemical screening of <i>Beaumontia jerdoniana</i> wight
11	Pharmacognostical and preliminary phytochemical screening of leaves and stems of white <i>Abrus precatorius</i> linn
12	Anthi-helminthic, anti-oxidant and phytochemical screening of <i>Naravelia zeylanica</i>
13	Anthi-helminthic, anti-oxidant and phytochemical screening of <i>Stereospermum suaveolens</i> ”
14	Pharmacognostic and phytochemical investigation on the leaves and stem of <i>Lygodium palmatum</i> (Bernh.) Swartz.
15	Pharmacognostic and phytochemical investigation on the leaves and flowers of <i>Averrhoa bilimbi</i> L

COMPLETED MSC BIOTECHNOLOGY PROJECT

Morphological, phytochemical & genomic analysis of *Acalypha indica* Linn & *A. hspida* Burm

JOURNAL PUBLICATIONS

SL NO	TITLE
1	Anti mutagenic activity of <i>Phyllanthus amarus</i> Schum &Thonn in Vitro as well as in Vivo. Teratogenesis, Carcinogenesis and Mutagenesis, 22: 285-291,2002.
2	Hypoglycemic effect of Methanol extract of <i>Phyllanthus amarus</i> shum &Thonn on Alloxan induced Diabetes Mellitus in rats and its relation with antioxidant potential. Indian Journal of Experimental Biology, 40: 901-905 2002.
3	Inhibition of Gastric lesion and inflammation by <i>Phyllanthus amarus</i> extract. Journal of Ethnopharmacology, 87, 193-197, 2003
4	Inhibition of N- Methyl N' – nitro- N- nitrosoguanidine(MNNG) induced Gastic carcinogenesis by <i>Phyllanthusamarus</i> extract. Asian Pacific Journal of Cancer Prevention ,7, 299-302, 2006.
5	Report on Fungi from some of the rotten vegetables. Annals Of Basic And Applied Sciences, 1, 1-8, 2010, Vol 1, 2010
6	A study on the Mycoflora of stored vanilla beans, Plant Archives, Vol. 11, , 601-606, 2011.
7	Pharmacognostic and preliminary phytochemical screening of the corm of <i>Amorphophallus paeonifolius</i> (Dennst) Nicols. Varpaeonifolius. International Journal of Pharmacy and Pharmaceutical Sciences, Vol 4, Suppl 5, 2012.
8	Preliminary phytochemical screening on the flowers and rhizome of <i>Heydichium flavescens</i> Carey ex Roscoe. Plant Archives, Vol. 13, ,63-65, 2013

9	An ethnomedical survey in the Peechi village of Thrissur district to unravel the field of traditional ottamoolis., Plant Archives, Vol. 13, , 767-769, 2013
10	Potential antimicrobial, anthelmintic and antioxidant properties of <i>Areca catechu</i> L root, IJJPS, Vol 6, 486-489, 2014
11	Antioxidant and Anthelmintic Potential of the stem and Leaves of White Abrus, IJJPS, Vol 6, 126-129, 2014
12	Pharmacognostic characters of an Unexplored traditional Medicine <i>Areca catechu</i> L root., WJPPS, Vol 3, 740-746, 2014
13	Pharmacognostic characters of an endemic traditional medicine <i>Bauhinia phoenicea</i> Wight & Arn Leaves. WJJPS, Vol 3, 479-485

EXTENSION LECTURES

Inaugurated Botany Association and delivered a talk on “Drammatic Behaviour of Plants” at Botany Department, Little Flower College ,Guruvayur on 21st January, 2013.

Inaugurated Botany Association of Vimala College, Thrissur and delivered a talk on Floral adaptations and Pollination & Opportunities in Botany on 18th August, 2014.

RESOURCE PERSON

Invited Talk on the Impact of Microflora in the quality deterioration of Stored vanilla beans in the National seminar on Biodiversity Conservation: Trend and

Need organized by post graduate department of Botany, St Thomas College Thrissur, Co sponsored by KSCSTE, KSHEC & UGC on 5-7 March , 2014

INTERNATIONAL PAPER PRESENTATIONS

SL NO	TITLE
1	Anticarcinogenic Activity of <i>Phyllanthus amarus</i> , 22 nd annual Convention of the Indian association for Cancer Research & International National Symposium on Recent Advances in Cancer Causes and Control, at Regional Cancer Centre, Thiruvananthapuram on January 10-12, 2003
2	Anti cancer compounds of plants, in IACR Satellite Meeting “ Inhibition of Tumour Progression”, at Amala Cancer Research Centre, Thrissur on February 11-12 th , 2011.
3	Orally Transmitting Traditional Ottamoolies in Peechi Village of Thrissur District in Desi International Folklore Seminar and Festival: Traditional Ecological knowledge, Kerala SahithyaAkademi Hall , Thrissur 30-31, May, 2014
4	Traditional plant preparations for the primary health care in Interdisciplinary International one day Seminar “ Bona Salus” – a rendezvous on edging drifts in psychology and educational dimensions in the young populace, Little flower college, Guruvayoor on 13 th June,2014.
5	Pharmacognosy and biological potential of the stem and leaves of white abrus in 1 st International Virtual Congress organized by International Science Congress Assosiation from 5 th – 10 th june 2014.

PAPER PRESENTATIONS IN NATIONAL SEMINAR/ WORKSHOP

SL NO	TITLE
1	Pharmacognostical and Preliminary Phytochemical Screening of <i>Bauhinia phoenicea</i> Wight & Arn. Leaves. National seminar on Emerging Trends in Biopharmaceuticals at ST Mary's College Thrissur ,26 to 27 September, 2011.
2	Ethnopharmacology of <i>Bauhinia phoenicea</i> Wight & Arn leaves. 26 Kerala Science Congress Abstracts, organized by KSCSTE at KVASU, Pookode, Wayanadu.
3	Antimicrobial, anthelmintic and antioxidant property of <i>Hygrophilla spinosa</i> T.Anders leaf. UGC sponsored National Seminar cum Workshop on Techniques in Biosciences Abstracts, National seminar at KKTU Govt. College, Pullut, Kerala., 2014
4	Seasonal changes in drinking water quality. A case study of two ponds at Thrissur town. UGC sponsored National Seminar cum Workshop on Techniques in Biosciences in National seminar at KKTU Govt College, Pullut, Kerala. 2014
5	Anti-helminthic, anti-oxidant and phytochemical screening of <i>Naravelia zeylanica</i> in UGC sponsored National seminar on Frontiers in Green Chemistry organized by Chemistry Department at ST Mary's College Thrissur , 2014
6	Anti-helminthic, anti-oxidant and phytochemical screening of <i>Stereospermum suaveolens</i> in UGC sponsored National seminar on Frontiers in Green Chemistry organized by Chemistry Department at ST Mary's College Thrissur , 2014

NATIONAL/INTERNATIONAL SEMINARS/WORKSHOPS ATTENDED

SL NO	TITLE
1	Indian association for Cancer Research XIXth Annual Convention & Inter National Symposium on Biology of cancer at Amala cancer Research Center, Thrissur on January 21-23, 2000
2	National Seminar on Graph Theory Sponsored by National Board of Heigher Mathematics held at St. Mary's College, Thrissur on 5 th & 7 th September , 2002.
3	NAAC Sponsored Seminar on Quality Assurance in Higher Education: Challenges, Trends and Priorities at Sacred Heart College, Chalakudy on 5-2-2005.
4	National Workshop cum Seminar on "Nationally Accredited Colleges in Kerala" at Malabar Christian College, Calicut on 26-11-2005.
5	UGC sponsored one day National Seminar on "Modern Science and Technology in India" organized by St.Mary's College, Thrissur on 2 nd March 2007
6	UGC sponsored Seminar on "New methodology of Assessment and Accreditation" at Malabar Christian College, Calicut on 4-6-2008.
7	UGC sponsored two day National Seminar on "Recent developments in Polymer science and Technology by Dept. of Polymer Chemistry, St. Mary's College, Thrissur on 5 th & 6 th August 2008.
8	National seminar on "Recent Trends in Biodiversity Informatics" on 7 th October 2009 at Govt Victoria College, Palakkad, Kerala.
9	UGC sponsored two day National Workshop on "Biofertilizer Production Technologies" organized by Dept. of Microbiology, St. Mary's College, Thrissur on 2 nd & 3 rd March 2009.

10	International Conference “VERVE 09” on “Impact of Microbial Biotechnology on Indian Industry organized by Dept. of Biotechnology, MET’s School of Engineering, Mala, Thrissur sponsored by Dept. of Atomic Energy (D.A.E.) India on 3 rd & 4 th February 2009
11	UGC sponsored three day National Seminar on “Ecotechnologies and Evergreen Revolution” Organized by Depts of Botany, Zoology & Biotechnology, St. Mary’s College, Thrissur from 4 th – 6 th March 2009.
12	National seminar on “Herbal Indigenous Medicine for Better Living” at St James Academy of Pharmaceutical Sciences , Chalakudy from 23 to 24 January, 2010.
13	Training workshop on “Bioinformatics” organized by the Postgraduate Department & Research Centre in Aquaculture and Fishery Microbiology of MES Ponnani College on 4 th & 5 th August 2010.
14	Two day National seminar on “Quality sustenance in Higher Education: Challenges and Prospects of Academic and Research Transactions” organized by the Internal Quality assurance Cell, Christ College, Irinjalakkuda on 8 th & 9 th December, 2011.

15	UGC sponsored two-day National Seminar on Nanobiotechnology organized by Depts. Of Botany, Zoology and Physics, St. Mary's College, Thrissur on 11 th -12 th August 2012.
16	UGC sponsored National Seminar on "Emerging trends in Biopharmaceuticals" on 26 th -27 th August 2012 at St. Mary's College, Thrissur
17	Two day National Seminar on Student Support and Progression organized by IQAC, St. Mary's College, Thrissur on 2 nd and 3 rd March 2012.
18	National Symposium on "Modern Biotechnology: Prospects and Challenges" held at KKTU Govt, College, Kodungallur from January 22 to 23, 2013.
19	Interdisciplinary National seminar on " Thrissur- a Kaleidoscopic View" on 14 th and 15 th February 2013 at St. Mary's college, Thrissur.
20	Two day UGC sponsored National Seminar on Narratology of harvesting: a comparative study organized by Departments of English, Hindi, Malayalam and Sanskrit at St. Mary's College, Thrissur on 1 st and 2 nd August 2013.
21	National workshop on Digital age Pedagogy: Prospectives and Prospects Organised by Dept of Computer Science in association with IQAC on 9-10 January 2014 at St. Mary's college, Thrissur.

22	National Workshop on Translation organized by Dept of Oreintal languages in collaboration with BashaSamanwayaVedhi, Calicut at St Mary's College, Thrissur on 11 th July, 2014.
23	UGC sponsored National seminar on Microbes foe green environment organized by Departments of Microbiology and Biochemistry, St Mary's College, thrissur on 21-22 , August, 2014
24	NAAC sponsored National seminar on recent Trends in higher education policies, Scope and challenges in Governance organized by IQAC at St Mary's College, Thrissur on September 26 th , 2014
25	National seminar on Biodiversity Conservation: Trend and Need, organized by post graduate Department of Botany, ST. Thomas college, Thrissur, sponsored by KSCTE, KSHEC, KSBB and UCC on 5-7 March, 2014.
26	KSCSTE Sponsored National seminar on "Know the Plants Grow; the Plants", organised by Department of Botany, at St Mary's College on November26th & 27 th ,2014.

REGIONAL SEMINARS/WORKSHOP ATTENDED

SL NO	TITLE AND YEAR
1	Seminar on Medicinal Plants at St. Thomas College, Thrissur on November 11 th -2004

2	One day Orientation Workshop by Student Counselling/ Placement/ Career Guidance Centers University of Calicut held on 1 st July 2006 at Calicut University.
3	Seminar on Funding Agencies, Project Proposal and Presentation of the project by Dr. Honey Jose from Cusat at Vimala College on 28 th March 2007.
4	Five-day workshop on “Restructuring Undergraduation Education: Botany”, Sponsored by The Kerala State Higher Education Council organized by Board of Studies in Botany (UG), Calicut University, from 16 th – 21 st February 2009.
5	Two day workshop on Ornamental Fish Culture on November 30 th and December 1 st , 2009 at St Mary’s College, Thrissur.
6	One day workshop on Statistical Packages for Social sciences organized by dept of Economics, on 7 th December 2009 held at St Mary’s College, Thrissur.
7	One Day state level seminar on “Economics of Aquatic Biodiversity” on 22 nd December, 2010 at St Mary’s College, Thrissur

REFERENCE

- Dr. Ramadasan Kuttan, Research Director, Amala Cancer Research Centre, Amalanagar, Thrissur