

RESUME



NAME : JUSTIN KOILPILLAI, Y.
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : BOTANY
ADDRESS FOR COMMUNICATION: 3/31, ARUL ILLAM, MAIN ROAD, MANUR, TIRUNELVELI TAMIL NADU, SOUTH INDIA - 627 201

PERSONAL DETAILS

Date of Birth : 08.06.1978
Qualification : M. Sc., B. Ed., Ph. D.
Designation : Assistant Professor
Department : Botany
Community : BC/OBC
Religion : CSI Christian
Nationality : Indian
Mobile : 9444385146 &
Email ID : justinkoilpillai@yahoo.co.in justinkoilpillai@gmail.com

ACADEMIC QUALIFICATIONS:

Degree	Specialization	Name of the College / Institution	Name of the University	Year of Passing
B. Sc.,	Botany	St. Xavier's College (Autonomous) Palayamottai, Tirunelveli, Tamil Nadu.	Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu.	1998
M. Sc.,	Botany	St. Xavier's College (Autonomous) Palayamottai, Tirunelveli, Tamil Nadu.	Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu.	2000
B. Ed.,	Biological Sciences	St. Xavier's College of Education (Autonomous) Palayamottai, Tirunelveli, Tamil Nadu.	Manonmaniam Sundaranar University, Tirunelveli	2001
Ph. D.	Botany (Plant Biotechnology)	Centre for Biodiversity and Biotechnology (CBB) St. Xavier's College (Autonomous) Palayamottai, Tirunelveli, Tamil Nadu.	Manonmaniam Sundaranar University, Tirunelveli	2009
SSLC & HSC	Tamil Medium	Cathedral Hr. Sec. School, Palayamkottai, Tamil Nadu, South India	TAMIL NADU STATE BOARD	1993 & 1995

ACADEMIC IDENTITY:

*VIDWAN ID	
*ORCID ID	
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	
*GOOGLE SCHOLAR LINK	

TEACHING EXPERIENCE IN GOVT. AIDED:

Date of Appointment	18.06.2012
Date of Retirement	07.06.2038
Teaching Experiences	UG: 10 Years 4Months
	PG: 10 Years 4Months
	M.Phil.: 3 Years
Research	Guided M. Phil: 5, Guided Ph. D: 3, Guiding Ph. D Scholar: Nil

	P.G. Assistant in Botany – Worked in Sakthi Matric. Hr. Sec. School, Kaniyamoor, Chinna Salem, Villupuram (Dt.), TN from June, 2001 to April, 2002.
	Junior Research Fellow – Worked in a Project funded by DBT, Govt. of India, Centre for Biodiversity and Biotechnology, St. Xavier’s College (Autonomous) Palayamkottai, Tamil Nadu, from June, 2002 to May, 2004.
	Senior Research Fellow – Worked in the projects funded by DBT and MoFE, Govt. of India, Centre for Biodiversity and Biotechnology, St. Xavier’s College (Autonomous) Palayamkottai, Tamil Nadu from June 2004 to March, 2007.
	Lecturer (Management Staff) – Worked in the Department of Botany, St. Xavier’s College (Autonomous) Palayamkottai, Tamil Nadu from 24 th June 2004 to 28 th July, 2004.
	Assistant Professor in Biotechnology – Worked in Sathyabama University, Jeppiaar Nagar, Chennai, Tamil Nadu from June 2007 to June 2012.
	Assistant Professor in Botany – Worked in St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu from June 2012 to 4 th March, 2020

COURSES / CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
B. Tech & M. Tech Biotechnology	Sathyabama University, Chennai, Tamil Nadu, South India.	2007	2012	5
M.Sc., & M. Phil Biotechnology	Sathyabama University, Chennai, Tamil Nadu, South India.	2007	2012	5
B. Sc., Biotechnology & B. Sc., & M. Sc., Microbiology	Sathyabama University, Chennai, Tamil Nadu, South India.	2007	2012	5
B. Ed., Biological Sciences	Sathyabama University, Chennai, Tamil Nadu, South India.	2007	2011	4
B. Sc., M. Sc., Botany	St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu, South India – 620 002	2012	2020	8
M.Phil., Botany	St. Joseph’s College (Autonomous), Tiruchirappalli, Tamil Nadu, South India – 620 002	2017	2020	3
B. Sc., M. Sc., Botany	St. Xavier’s College (Autonomous), Tirunelveli, Tamil Nadu, South India – 627 002	2020	Till Date	2

AWARDS RECEIVED (INSTITUTIONAL)

1.	Best Teacher Cash Award from Sathyabama University, Chennai on 05.09.2008
----	---

2.	Fr. Gnanarethnam Cash Award from St. Joseph' College, Trichy on 19.01.2015
----	--

ADMINISTRATIVE EXPERIENCE			
S. No.	DESIGNATION	INSTITUTIONS	YEAR
1.	Class Counsellor and Placement Officer	Sathyabama University, Chennai	2008-2012
2.	MENTOR for the Students of I PG Commerce (2012) III UG Mathematics (2013) UG Students of Botany (2014-2020)	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2012-2020
3.	Micro Quality Cell Member (IQAC) & Member Internal Auditing	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2013-2019
4.	NSS Programme Officer UNIT - III	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2017-2020
5.	Associate Editor of the College Journal RETELL	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2018-2019
6.	Botany Department Association President	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2018-2019
7.	Professional Counsellor for the students at Department level	St. Joseph's College (Autonomous), Tiruchirappalli – 620 002	2016-2020
8.	Head of the Department of PG and Research Department of Botany	St.Xavier's College(Autonomous), Tirunelveli – 627 002.	2020-2021

MEMBERSHIP		
S. No	Designation	Particulars
1.	Life Member	Life Member of Indian Science Congress Association from 2010 onwards

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE (13)			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Faculty Development Programme on Innovative Approaches in Biotechnology	St. Joseph's College of Engineering and Technology, Chennai	St. Joseph's College of Engineering and Technology, Chennai, Tamil Nadu on 11 th August, 2008.
2.	Orientation Programme for Junior Staff	St. Joseph's College (Autonomous), Tiruchirappalli	St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu between 11 th and 14 th

			June,2012.
3.	Orientation Training Programme for the Newly Recruited Teaching Staff in Grant-in-Aid.	Jesuits Higher Education commission	Loyola College (Autonomous) Chennai, Tamil Nadu between 17 th and 26 th May, 2013.
4.	Ongoing Faculty Development Training	Jesuits Higher Education commission	ANUGRAHA, Dindigul, Tamil Nadu between 19 th and 22 nd November, 2013.
5.	Orientation Programme	UGC	UGC-HRDC, Madurai Kamaraj University, Madurai, Tamil Nadu 1 st and 28 th March, 2016.
6.	A Training Programme in Basic Skills in Counselling for six days spread over four phases	JASS	Counselling Centre, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu between 11 th and 14 th June,2012.
7.	NSS Orientation Course	Empanelled Training Institution, Madras School of Social Work (MSSW), Chennai.	Kajha Malai Campus, Bhrathidasan University, Tiruchirappalli, Tamil Nadu between 4 th and 10 th January, 2018.
8.	Refresher Course in Life Sciences	UGC	UGC-HRDC, Madurai Kamaraj University, Madurai, Tamil Nadu between 16 th November and 6 th December, 2018.
9.	Empowerment Programme for Junior Faculty Members	JASS	Cluny Centre, Ariyamangalam, Tiruchirappalli, Tamil Nadu on 24 th August, 2019.
10.	21 days Virtual Course on Research Methodology	Self Supported	Jointly organized by K.S. Rangasamy College of Technology, Thiruchencode and Nature Science Foundation Coimbatore Tamil Nadu between 5 th and 25 th June, 2020.
11.			
12.			
13.	SXC-Centenary-Faculty Empowerment Programme (FEP-01)		
14.	SXC-Centenary-Faculty Empowerment Programme (FEP-02)		

DETAILS OF RESEARCH WORK:

Research Stages	Title of the Thesis	University where the work was carried out
1. M. Sc.,	Effect of 2, 4-D on Seed Germination of <i>Ipomoea carnea</i> Bedd.,	Manonmaniam Sundaranar University
2. Ph. D.,	Conservation Biology and Biotechnology of <i>Poeciloneuron pauciflorum</i> Bedd.,	Manonmaniam Sundaranar University

AREAS OF RESEARCH:

• Conservation Biology : Plant Tissue Culture (Tree species and Medicinal Plants)
• Plant Molecular Genetics & Cytology
• Plant Biotechnology
• Bio prospecting of Bioactive Principle Compounds from Plants
• Plant Diversity , Taxonomy & Reproductive Biology
• Plant Breeding and Horticulture
• Biochemistry of Plants & Stress Physiology
• Microbiology and Plant Pathology
• Agricultural and Environmental Sciences

RESEARCH PROJECTS CARRIED OUT: NIL

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
NIL			

PUBLICATIONS

BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
NIL	3			
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
	16			

PUBLICATIONS: BOOKS : NIL

S. No	Title of the Book	Publication	Year
NIL			

BOOK CHAPTERS (3)

S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
NIL			

1.	Y. Justin Koilpillai and S. Wilson, (2010). Apomixis in a rare and endangered tree species <i>Poeciloneuron pauciflorum</i> Bedd. (Clusiaceae) endemic to Western Ghats of South India.	Ecology of Pollen and Fungal Spore (2010). Edited by Dr. A. J. Solomon Raju,	71-82
2.	D. Rengaswamy and Justin Koilpillai	Lecture Notes in Engineering and Computer Science (2014). Edited by S. I. Ao and Len Gelman and David WL Hukins and Andrew Hunter and A. M. Korsunsky,	
3.	Reproductive Biology of <i>Poeciloneuron pauciflorum</i> Bedd (Clusiaceae): An Endangered Endemic Tree Species of Western Ghats of South India	Research Methodology	

PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Pg. No. & Impact factor
1.	S. Wilson, Y. Justin Koilpillai and L. Louis Jesudass (2010). <i>In vitro</i> Multiplication and field Establishment of <i>Indoneesiella ecohides</i> L. – An Important Medicinal Plant.	<i>International Journal of Biological Technology,</i>	Vol. 1(2):64-68
2.	Y. Justin Koilpillai , S. Wilson and L. Louis Jesudass (2010). The Magnitude Effect of the Inhibitory Effect of 2, 4-D on the Physico-Chemical Nature of <i>Ipomoea carnea</i> Jacq. (Convolvulaceae) - A weed plant.	<i>International Journal of Biological Technology,</i>	Vol. 1(2):102-106
3.	Y. Justin Koilpillai and S. Wilson (2010). <i>In vitro</i> Propagation of <i>Graptophyllum pictum</i> L. (Acanthaceae)- A Medicinal plant.	<i>Journal of Pharmacy Research,</i>	Vol. 3(9): 2201-2202.
4.	R. Devika and Justin Koilpillai (2012). An overview on Plant Secondary Metabolites: Its	<i>Journal of Pharmacy Research,</i>	Vol. 5(2): 984-986.

	Medicinal importance.		
5.	B. Subashri and Y. Justin Koilpillai (2012). Phytochemical analysis and <i>in vitro</i> antioxidant activity from the extract of <i>Bacopa monnieri</i> (L.) Pennel – a Multipurpose Medicinal plant.	<i>International Journal of Pharma and Bioscience.</i>	Vol. 3(2): (B) 698-702.
6.	Y. Justin Koilpillai , (2012), Leaf as a Potential New Source of Competent Cells for High Frequency Regeneration through Indirect Organogenesis in <i>Tylophora Indica</i> (Burm.f.) MERRILL (Asclepiadaceae).	<i>Journal of Biomedical and Pharmaceutical Research</i>	1 (2): 46-50.
7.	R. Devika and Y. Justin Koilpillai (2012). Phytochemical Screening Studies of Bioactive Compounds of <i>Tagetes erecta</i> .	<i>International Journal of Pharma and Bioscience.</i>	SCOPUS: (0975-6299) Vol.3(4): (B) 596 – 602. IF 5.121.
8.	B. Subashri and Y. Justin Koilpillai (2013). High Frequency regeneration of <i>Bacopa monnieri</i> Plant callus derived from internode	<i>International Journal of Pharma and Bioscience.</i>	SCOPUS: (0975-6299) Vol. 4(1): 263-266. IF 5.121.
9.	Devika R. and Y. Justin Koilpillai (2014). Screening and Evaluation of Bioactive Components of <i>Tagetes erecta</i> L. By GC-MS Analysis.	<i>Asian Journal of Pharmaceutical and Clinical Research.</i>	SCOPUS: Vol. 7(2): 58-60. IF. 0.52
10.	R. Devika and Justin Koilpillai (2014). Etiology of Wound Healing and Hypertrophic Scar Formation.	<i>International Journal of Pharmaceutical Science and Health Care.</i>	SCOPUS: (2249-5738) Vol. 3(4): 78-86. IF.2.21
11.	R. Devika and Y. Justin Koilpillai (2014). Macrophages Scavenging Assay Study of Bioactive Compounds of <i>Tagetes erecta</i> Linn.	<i>International Journal of Pharmaceutical Science and Health Care.</i>	SCOPUS: (2249-5738)Vol. 6(4): 18-23. IF.2.21
12.	Sundar S. and Y. Justin Koilpillai (2014). GC-MS Analysis of Petroleum ether and Methanol Extracts of <i>Solanum virginianum</i> Leaves.	<i>International Journal of Pharma and Biosciences.</i>	SCOPUS: (0975-6299) Vol. 5(4): 561-568.
13.	Devika R. and Y. Justin Koilpillai (2015). Column Chromatographic Separation of Bioactive Compounds from <i>Tagetes erecta</i> Linn.	<i>International Journal of Pharmaceutical Sciences and Research.</i>	SCOPUS: (2320-5148) Vol. 6 (2): 762-766. IF-2.44
14.	Devika R. and Justin Koilpillai (2015). Anti-inflammatory effect	<i>Journal of Pure and Applied Microbiology.</i>	WEB OF SCIENCE: Vol. 9 (3): 2547-

	of bioactive compound of <i>Tagetes erecta</i> (Linn.) flower extract.		2550. IF-0.073
15.	Sundar S. and Justin Koilpillai Y. (2015). Phytochemical Screening and Gas Chromatograph Mass Spectrometer Profiling in the leaves of <i>Solanum incanum</i> L.	<i>Asian Journal of Pharmaceutical and Clinical Research.</i>	SCOPUS: (0974-2441) Vol. 8 (3): 179-188. IF-0.74
16.	R. Devika and Y. Justin Koilpillai (2015). Quantitative analysis of bioactive compounds from <i>Tagetes erecta</i> (Linn).	<i>Asian Journal of Pharmaceutical and Clinical Research.</i>	SCOPUS: (0974-2441) Vol. 8 (6): 185-187. IF-0.52
17.	S. Sundar and Y. Justin Koilpillai (2015). Antimicrobial Potential of Petroleum Ether Extract and Active Column Fractions of the <i>Solanum incanum</i> Leaves.	<i>Journal of Pure and Applied Microbiology.</i>	WEB OF SCIENCE: Vol. 9 (4): 2949-2954. IF-0.073
18.	S. Sundar and Y. Justin Koilpillai (2016). Pharmacognostic and Physicochemical Evaluation of <i>Solanum virginianum</i> L. Leaves (Solanaceae).	<i>International Journal of Pharma and Biosciences.</i>	SCOPUS: (0975-6299) Vol. 7 (1): 40-44. IF- 5.121
19.	Y. Justin Koilpillai (2017). Ex situ conservation of the rare and endemic species of <i>Poeciloneuron pauciflorum</i> Bedd.		
20.	K D. Satheesh, Herculis and Y. Justin Koilpillai (2018) Evaluation of the antimicrobial efficacy of <i>Aristolochia tagala</i> leaf extract against selected human pathogenic bacteria and fungi	International Journal of Innovative Research in Technology	Vol. 5(2), 344-347
21.			
22.			

PUBLICATIONS: UGC LISTED JOURNALS ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No

PUBLICATIONS: OTHER INDEXED JOURNALS (20)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No

AS A RESOURCE PERSON (13)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	UGC Sponsored Biotechnology Refresher Course	UGC	Centre for Biodiversity and Biotechnology (CBB), St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu between 3 rd and 24 th November, 2003)
2.	Regional Workshop on Techniques in Biology	Self Supported	Department of Zoology, St. John's College, Palayamkottai, Tamil Nadu between 1 st and 3 rd March, 2004.
3.	State Level Seminar cum Workshop on Bioengineering	Self Supported	Department of Biochemistry and Microbiology, K. R. College of Arts and Science, Kovilpatti, Tuticourin, Tamil Nadu, on 23 rd and 24 th September, 2005.
4.	Delivered a special lecture entitled on " Biotechnology for a Better Future " during the inaugural function of Biotechnology Department Association	Self Supported	Boliver Club, Department of Biotechnology, Cauvery College for Women, Tiruchirappalli, Tamil Nadu, on 18 th September, 2013.
5.	Delivered a special lecture on Tissue Culture Techniques during One Day State Level Workshop on Plant Tissue Culture	Self Supported	Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, on 22 nd December, 2014.

6.	Delivered a special lecture entitled on Molecular Biology during CSIR-UGC NET Coaching Class	Self Supported	Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, on 20 th September, 2015.
7.	Delivered a series of lectures on Biodiversity during IAS Preliminary Examination Coaching Class	JASS	JASS, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, during the academic years 2016-2017 & 2017-18.
8.	Delivered a series of lectures on Biology during TNPSC Coaching Class	Bharathidasan University	St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, during November-January, 2017.
9.	Delivered a special lecture entitled on Environmental Awareness during the Valedictory Function of Economics Department Association	Self Supported	PG and Research Department of Economics, St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, during November-January, 2017.
10.	Delivered an invited lecture on Plant Products and Their Applications during the five day workshop entitled National Workshop on Techniques in Biotechnology from 7 th to 11 th August, 2018.	Self Supported	Department of Biotechnology, Sathyabama Institute of Science and Technology (SIST), Chennai, Tamil Nadu on 10 th August, 2018.
11.	Delivered an invited lecture on Thavarangal Oru Arimugam in Tamil (An Introduction of Plants) during the National Webinar	Self Supported	Soozhal Arivome Environment Trust Chennai, 14 th June, 2020.
12.	Delivered an invited lecture on Crop Production and Management during Six Days National Webinar Lecture Series on Biotechnology Concepts to Practice from 6 th to 11 th July, 2020.	Self Supported	Department of Biotechnology, Sathyabama Institute of Science and Technology (SIST), Chennai, Tamil Nadu on 7 th July, 2020.
13.	Delivered an invited lecture on Plant Tissue Culture – A Method for Medicinal Plant	Self Supported	Department of Botany, Kamaraj College, Thoothukudi, Tamil Nadu on 9 th July, 2020.

	Conservation during the National Webinar		
14.		Self Supported	

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: NIL			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

COUNTRIES VISITED: NIL

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)
NSS: Volunteer and attended Two years Special Camps @ Rajavallipuram (May,1996) and Melapavoor (May 1997) during summer vocation when I was graduating in SXC during1995-1998
Scout Master Training Completed when I was doing my B. Ed., in Biological Sciences @

SXCE during 2000-2001.
First Aid Training with St John's Ambulance when I was doing my B. Ed., Course during 2000-2001.
Sports: Ball Badminton, Cricket, Kabadi, Kho-Kho, ,

Date: 10.10.2022

Name: Justin Koilpillai Y.