

## CIRICULAM VITAE

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Akarakaram, Salem – 636106.  
Date of Birth : 03.06.1979  
Office Address : Associate Professor,  
Department of Botany,  
St. Joseph's College (Autonomous),  
Tiruchirappalli- 620002.  
Category : BC  
Email/Phone : [bioraja2004@yahoo.co.in](mailto:bioraja2004@yahoo.co.in) ; 9443192617  
Qualification : Ph. D – Botany



COURSE ATTAINED	DEPARTMENT & COLLEGE	UNIVERSITY	YEAR OF PASSING	CLASS
UG	Department of Botany St. Joseph's College	Bharathidasan University	2002	I
PG	Department of Botany St. Joseph's College	Bharathidasan University	2004	I
Ph. D	Department of Botany St. Joseph's College	Bharathidasan University	2010	Commented

Ph. D. Thesis Title : Studies on *in vitro* propagation and intraspecific genetic variability in the wild phenotypes of *Abrus precatorius* L. – A medicinal plant.

Designation : Associate Professor

Teaching experience : UG - 12 Years and 8 Months  
PG - 12 Years and 8 Months

### Research Experience:

Designation	Name of Employer	Period	
		From	To
JRF	St. Joseph's College, Department of Botany, Tiruchirappalli, Tamil Nadu, India	01.06.2004	30.06.2007
SRF	Institute of Forest Genetics and Tree Breeding, Government of India, Coimbatore, Tamil Nadu, India	09.03.2009	30.09.2009

## Publications of Research Papers

Title / Journal Name/ Other Details
<p><i>Jasminum greenii</i> ribulose- 1,5- bisphosphate carboxylase/ oxygenase large subunit (rbcl) gene, partial cds; chloroplast NCBI Gene Bank Deposit</p> <p><b>Volume No. :</b> PP196381      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2024</p>
<p><i>Jasminum greenii</i> maturase K (matK) gene, partial cds; chloroplast NCBI Gene Bank Deposit</p> <p><b>Volume No. :</b> PP196382      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2024</p>
<p>Synergistic effects of Vermi-Co extracts mixture with cytokinins on shoot regeneration of <i>Lindernia minima</i> (Benth.) Mukerjee- An endangered medicinal plant South African Journal of Botany , Elsevier Publication</p> <p><b>Volume No. :</b> 161      <b>PP. :</b> 317-323 <b>ISSNO. :</b> 1727-9321 <b>Impact Factor :</b> 3.11</p> <p><b>H Index No. :</b> 75 <b>C Index No. :</b> 5.1      <b>Year :</b> 2023</p>
<p>Effect of purified vermicast extract with plant growth regulators on indirect regeneration of <i>Naregamia alata</i> Wight &amp; Arn from leaf explant and genetic fidelity analysis of regenerants. Plant Cell, Tissue and Organ Culture (PCTOC)</p> <p><b>Volume No. :</b> 151      <b>PP. :</b> 23-34 <b>ISSNO. :</b> 0167-6857,1573-5044 <b>Impact Factor :</b> 2.726</p> <p><b>H Index No. :</b> 81 <b>C Index No. :</b> 0      <b>Year :</b> 2022</p>
<p><i>Pseudomonas aeruginosa</i> strain EBV21 16S ribosomal RNA gene, partial sequence; NCBI GENE BANK</p> <p><b>Volume No. :</b> GenBank: ON076877      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2022</p>
<p><i>Lindernia minima</i> ribulose-1,5-bisphosphatecarboxylase/oxygenase large subunit (rbcl) gene, partial cds; chloroplast; NCBI GENE BANK</p> <p><b>Volume No. :</b> OM540357      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2022</p>
<p>Effect of Vermicompost extract with Phytohormones on micropropagation and in vitro flower induction of <i>Lindernia minima</i> (Benth) Mukerjee- An endangered plant species endemic to Tamil Nadu, India South African Journal of Botany, Elsevier Publication</p> <p><b>Volume No. :</b> 149      <b>PP. :</b> 731-739 <b>ISSNO. :</b> 0254-6299 <b>Impact Factor :</b> 3.11</p> <p><b>H Index No. :</b> 68 <b>C Index No. :</b> 4.3      <b>Year :</b> 2022</p>
<p><i>Lindernia minima</i> maturase K (matK) gene, partial cds; chloroplast. NCBI GenBank: NCBI GENE BANK DEPOSIT</p> <p><b>Volume No. :</b> OP296989.1      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2022</p>
<p><i>Ranunculus wallichianus</i> -ribulose-1,5-bisphosphatecarboxylase/oxygenase large subunit-like gene, partial sequence; chloroplast; NCBI GENE BANK</p> <p><b>Volume No. :</b> GenBank: MW291567      <b>PP. :</b> 0 <b>ISSNO. :</b> 0      <b>Impact Factor :</b> 0</p> <p><b>H Index No. :</b> 0      <b>C Index No. :</b> 0 <b>Year :</b> 2021</p>
<p>Effect of coconut water and cytokinins on rapid micropropagation of <i>Ranunculus wallichianus</i> Wight &amp; Arn - A rare and endemic medicinal plant of the Western Ghats, India. <i>In Vitro</i> Cell. Dev. Biol.-Plant. Springer Publication</p> <p><b>Volume No. :</b> 57      <b>PP. :</b> 365-371 <b>ISSNO. :</b> 1054 - 5476 <b>Impact Factor :</b> 2.252 - TRM</p> <p><b>H Index No. :</b> 68 <b>C Index No. :</b> 2.9      <b>Year :</b> 2021</p>

<p>Efficient <i>in vitro</i> plant regeneration from leaf-derived callus and genetic fidelity assessment of an endemic medicinal plant <i>Ranunculus wallichianus</i> Wight &amp; Arn by using RAPD and ISSR markers Plant Cell, Tissue and Organ Culture (PCTOC), Springer Publication</p> <p><b>Volume No.</b> : 147 <b>PP.</b> : 413 - 420 <b>ISSNO.</b> : 0167-6857,1573-5044 <b>ImpactFactor</b> : 2.7 <b>H IndexNo.</b> : 81 <b>C Index No.</b> : 0 <b>Year</b> : 2021</p>
<p>MICROPROPAGATION OF PLUMBAGO ZEYLANICA AN IMPORTANT MEDICINAL PLANT WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES</p> <p><b>Volume No.</b> : Volume 7, Issue 4, <b>PP.</b> : 1823-1829 <b>ISSNO.</b> : 2278 4357 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2018</p>
<p>STUDIES ON IN VITRO AND EX VITRO SEED GERMINATION OF PASSIFLORA FOETIDA USING VARIOUS SEED GERMINATION ENHANCING SUBSTANCES WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES</p> <p><b>Volume No.</b> : Volume 7, Issue 4 <b>PP.</b> : 1790-1796 <b>ISSNO.</b> : 2278 4357 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2018</p>
<p>Effect of Cytokinins on Micropropagation of <i>Anoectochilus elatus</i> Lindl. from shoot tip explants - An Endangered Medicinal Orchid. IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB)</p> <p><b>Volume No.</b> : 3 <b>PP.</b> : 73-76 <b>ISSNO.</b> : 2455-264X <b>Impact Factor</b> : 3.98 <b>H Index No.</b> : - <b>C Index No.</b> : 49.8% <b>Year</b> : 2017</p>
<p>Survey and enumeration of <i>Anoectochilus elatus</i> lindl and <i>Dendrobium aquem</i> lindl - threatened medicinal orchids of kolli hills (Eastern ghats) Tamil nadu, India. World Journal of Pharmacy and Pharmaceutical Sciences</p> <p><b>Volume No.</b> : 6 (Issue 9) <b>PP.</b> : 1417-1424 <b>ISSNO.</b> : 2278-4357 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2017</p>
<p>In vitro propagation of <i>Nyctanthes arbor-tristis</i> L. Indian Journal of Biotechnology</p> <p><b>Volume No.</b> : 16 <b>PP.</b> : 340-343 <b>ISSNO.</b> : 0972 - 5849 <b>Impact Factor</b> : 0.289 (JC) <b>H Index No.</b> : 27 <b>C Index No.</b> : 112 <b>Year</b> : 2017</p>
<p>Micropropagation of <i>Phyllanthus amarus</i> from nodal explant World Journal of Pharmacy and Pharmaceutical Sciences</p> <p><b>Volume No.</b> : 4 <b>PP.</b> : 1153-1157 <b>ISSNO.</b> : 2278-4357 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2015</p>
<p>Micropropagation of <i>Solanum trilobatum</i> from Shoot-tip explant World Journal of Pharmacy and Pharmaceutical Sciences</p> <p><b>Volume No.</b> : 4 <b>PP.</b> : 1730-1734 <b>ISSNO.</b> : 2278-4357 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2015</p>
<p>H. David Raja and D.I. Arockiasamy 2008. In vitro Propagation of <i>Mentha viridis</i> L. from Nodal and Shoot tip Explants. Plant Tissue Cult. &amp; Biotech.</p> <p><b>Volume No.</b> : 18(1) <b>PP.</b> : 1-6 <b>ISSNO.</b> : 1817-3121 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2008</p>
<p>Micropropagation of <i>Nyctanthes arbor-tristis</i>. Journal of Tropical Medicinal Plants</p> <p><b>Volume No.</b> : 9(2) <b>PP.</b> : 400-403 <b>ISSNO.</b> : 1511-8525 <b>Impact Factor</b> : 0 <b>H Index No.</b> : 0 <b>C Index No.</b> : 0 <b>Year</b> : 2008</p>

**Seminars (S) / Conferences (C) /Workshops (WS) attended and the source of funding (National (N) / International (IN)) with details of outstanding participants, if any**

Title	Type	Organization Name	Place	Days	From Date	To Date
Training Workshop on Plant Taxonomy Key Preparation	S	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2014-09-26	null
National Workshop on Vermiculture Techniques	W	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2014-12-12	null
One Day Workshop on Plant Tissue Culture Techniques	W	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2014-12-22	null
National Seminar on Prospects and Challenges of Stem Cell Research	S	Department of Biotechnology, St. Joseph's College	Tiruchirappalli	1	2015-01-12	null
National Seminar on Clinical Research	S	Department of Biochemistry, St. Joseph's College	Tiruchirappalli	1	2015-01-21	null
Science Academies Lecture Workshop on Vistas in Biology	W	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	2	2015-01-30	null
National Symposium on Recent Advances in Medicinal and Aromatic Plants (NASYMP-15)	Y	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2015-02-05	null
Dr. V. Balakrishnan Memorial CME Programme	I	Department of Biotechnology, St. Joseph's college	Tiruchirappalli,	1	2015-03-05	null
UGC-HRDC - Sponsored 90th Orientation Programme	O	UGC-HRDC-Bharathidasan University	Tiruchirappalli	28	2015-11-13	null
International Conference on Frontiers in Life Science (ICFLS-2016)	I	Department of Botany, St. Joseph's college	Tiruchirappalli,	2	2016-01-07	null
Nanoscience and Technology	S	Department of Botany, St. Joseph's college	Tiruchirappalli,	1	2016-01-20	null
State Level Workshop on Plant Tissue Culture Techniques - Acted as Organizing Secretary	W	Department of Botany, St. Joseph's College	Tiruchirappalli	1	2016-02-03	null
National Level Science Academies Lecture Workshop on Bioprospecting and Bioresources	W	Department of Botany, St. Joseph's college	Tiruchirappalli	3	2016-02-10	null
Bio-Informatics: Challenges & Applications	S	Department of Botany, St. Joseph's college	Tiruchirappalli	1	2016-02-15	null
International Scientist Meet	I	Department of Botany, St. Joseph's college	Tiruchirappalli	1	2016-12-15	null
State Level Workshop on Plant Tissue Culture	W	Department of Botany, St. Joseph's College	Tiruchirappalli	1	2017-02-08	null

Techniques 2017 - Acted as Organizing Secretary						
National Symposium on Medicinal and Aromatic Plants	Y	Department of Biotechnology, St. Joseph's College	Tiruchirappalli,	1	2017-02-15	null
DBT-STAR Programme Two days Workshop on In vitro propagation Techniues and Ex vitro acclimatization Strategies - Acted as Organizing Secretary	W	DBT-STAR Programme Two days Workshop, Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli,	2	2017-02-22	null
Science Academies Lecture Workshop on Vistas in Biodiversity and Bioresoureses	W	Indian Academy of Sciences and Indian Academy of Sciences	Department of Botany, St. Joseph's College(Autonomous)	3	2017-08-02	null
Animal Cell Cultur Workshop	W	Life Teck Research Centre	IIT Chennai	1	2017-08-05	null
PHRASTAFEST-18 Inter Collegiate Science Colloquium	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2018-02-09	2018-02-09
National Conference on Application of Plant Metabolites and Vaccine Production	C	PG and Research Department of Biotechnology	Selvamm Arts and Science College, Namakkal	1	2018-02-22	null
NCC-PRCN Course 1	O	Officer Training Academy, Kamptee, Nagpur	Officer Training Academy, Kamptee, Nagpur	21	2018-07-02	null
NCC-PRCN Course 2	O	Indian Air Force Station, Tambaram, Chennai	Indian Air Force Station, Tambaram, Chennai	60	2018-09-04	null
Leadership and Organisational Behaviour	W	C-LABS, Air Force Administrative College, Coimbatore	C-LABS, Air Force Administrative College, Coimbatore conducted at Air Force Station, Tambaram, Chennai	2	2018-10-16	null
PHRASTAFEST-2019 Inter Collegiate Science Colloquium	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2019-02-12	2020-02-12
National Level Symposium - SAMHITHA 2K19 - Myth Meets Reality	Y	Department of Biotechnology, Sastra Deemed University, Thanjavur	Sastra Deemed University, Thanjavur	2	2019-02-15	null
DBT-STAR Scheme Sponsored Inter Collegiate Herbo Fest 2019 Competition	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2019-09-25	2019-09-25

Co-ordinator for Differently Aabled Persons Mega Job Fair conducted We Are Your Voice	Z	St. Joseph's College (Autonomous)	Tiruchirappalli	1	2019-11-17	2019-11-17
Them - Oral Cancer	S	Department of Botany, St. Joseph's College (Autonomous) T	Tiruchirappalli	1	2020-01-07	2020-01-07
Refresher Course in Life Sciences	R	Pondicherry University	Pondicherry	14	2020-01-21	2020-02-03
PHRASTAFEST-2020 Inter Collegiate Science Colloquium	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2020-02-12	2020-02-12
Bioexplore	I	L.R.G. Government Arts and Science College for Women,	Tirupur, Tamil Nadu, India.	4	2020-07-03	2020-07-06
National Webinar on Human Origin, Health and Disease	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2020-07-14	2020-07-14
Natural Products for Human Health Management	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2020-07-22	2020-07-22
Unlocking Approaches Biological Research	I	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	3	2020-07-24	2020-07-26
International Webinar on Medicinal Plant Research and Drug Discovery	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	4	2020-08-03	2020-08-06
TWO - WEEK INTERDISCIPLINARY REFRESHER COURSE IN ENVIRONMENTAL STUDIES on the theme, 21ST CENTURY ENVIRONMENTAL ISSUES, CHALLENGES & SOLUTIONS	R	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCA	Ramanujan College University of Delhi (Online Mode)	15	2021-07-15	2021-07-29
PHRASTAFEST-2022 Inter Collegiate Science Colloquium	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2022-03-25	2022-03-25
Internship programme on Basic Techniques and Trends in Plant Tissue Culture for PG Biotechnology Students from Srimad Andavan Arts and Science College, Tiruchirappalli	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	13	2022-05-02	2022-05-16
In-Service Teacher Training Programme in Life Sciences	O	Tamilnadu State Council for Higher Education	Pudukkottai	2	2022-05-05	2022-05-06
National Conference on Phytomedicine	I	Department of Botany, Bharathiyar University	Coimbatore	1	2023-01-05	2023-01-06

Milletzo 2K23 an Intercollegiate Millet Fest	Y	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	1	2023-03-08	2023-03-01
Internship programme on Basic Techniques and Trends in Plant Tissue Culture for PG Botany Students from Srimad Andavan Arts and Science College, Tiruchirappalli	Z	Department of Botany, St. Joseph's College (Autonomous)	Tiruchirappalli	15	2023-03-09	2023-03-29
A gap in knowledge to overcome the food insecurity under impact of climate change	I	Department of Botany, St. Joseph's College (Autonomous).	Tiruchirappalli.	1	2023-04-03	2023-04-03
Orientation Programme for the Teaching Faculty	C	Internal Quality Assurance Cell	St. Joseph's College (Autonomous), Tiruchirappalli-620002	2	2023-06-15	2023-06-16
UGC- Sponsored Refresher Course in Botany	R	UGC- Human Resource Development Centre	Bharathiar University	14	2023-08-17	2023-08-30
FOLD- SCOPE AND SMART PHONE BASED TINYScope	W	PG Department of Biotechnology, School of Biological Sciences,	St. Joseph's College (Autonomous), Tiruchirappalli-620002	1	2023-09-01	2023-09-01
Faculty Development Programme on Intricacies of writing for Research Publications and Projects	C	Internal Quality Assurance Cell	St. Joseph's College (Autonomous), Tiruchirappalli-620002	1	2023-10-27	2023-10-27
Faculty Development Programme on Patents and Consultancy	C	Internal Quality Assurance Cell and Joseph Start-up Centre	St. Joseph's College (Autonomous), Tiruchirappalli-620002	1	2023-11-20	2023-11-20
MILLOHERB FOOD FEST- 2K24	Z	Department of Botany, St. Joseph's College (Autonomous)	St. Joseph's College (Autonomous), Tiruchirappalli-620002	1	2024-02-28	2024-02-28

**Resource Person: (Special Lectures / Workshops / Seminars / Association Activities/ Alumni Meeting)**

Type of Programme	Title	Beneficiaries	Days	Date
Prof. V. Rangarajan Inter Department Quiz Contest - Quiz Master	Prof. V. Rangarajan Inter Department Quiz Contest 2019	UG and PG College Students	1	2025-02-19
National Voters day Competition	Essay in English and Cartooning	UG and PG College Students	1	2025-02-10

Workshop	Talk on Plant Tissue Culture	UG and PG College Students	1	2025-01-24
Seminar	Induction Programme for I UG Shift II Students	I UG Shift II Students	1	2024-06-25
Seminar	Induction Programme for I UG Shift I Students	I UG Shift I Students	1	2024-06-25
Environment Awareness Programme	Dr. I. Arockiasamy Lecture on organized by Extension Department	Farmers from Kunnathur village	1	2024-03-18
Interdepartmental Food Fest	MILLOHERB FOOD FEST- 2024	Students from Life Sciences Department	1	2024-02-28
One-of-a-kind Learning Experience in Collaboration with the Propellar Team Trichy.	Unique "AIRSHOW"	School Students	1	2024-02-24
Internship Training Programme	Pharmacognostical Techniques	Botany Department Students	5	2024-02-20
Conference	Potential Development Club	Professors and Students	1	2023-11-28
Intercollegiate Technical Fest	BIO-DE-FIESTA- 2023	UG and PG College Students	1	2023-09-22
Award for Appreciation of NCC Activities	NCC Activities	NCC Cadets	1	2022-11-27
III UG Functional Group Meeting	Environment	UG Students	1	2022-10-19
III UG Functional Group Meeting	Environment	UG Students	1	2022-10-19
An Inter- Collegiate Technical Fest - BIO- DE- FIESTA 2022	Acted as Judge	UG and PG Students	1	2022-10-14
Induction Programme for I UG Students	Service Organizations of SJC	UG Students	1	2022-07-28
Dr. Rangarajan Inter Department Quiz Contest	Quiz Master	UG and PG Students	1	2022-03-23
Tamil Nadu Science & Technology Centre, Ministry of Culture , Government of India	National Science Week	UG and PG College Students	1	2022-02-28
Chief Guest for National Science Day & Guest Lecture	Climate Emergency and Biodiversity Conservation	College Students	1	2020-02-28
Prof. V. K. George Inter Departament Quiz Contest 2020	Prof. V. K. George Inter Departament Quiz Contest - Quiz Master	UG and PG College Students	1	2020-02-24
Prof. V. Rangarajan Inter Departament Quiz Contest - Quiz Master	Prof. V. Rangarajan Inter Departament Quiz Contest 2019	UG and PG College Students	1	2019-02-27
PHRASTA-FEST 2K19 Technical Scientific Symposium - Acted as Organizing Secretary	PHRASTA-FEST 2K19	UG and PG College Students	1	2019-02-12
IAS ACADEMY - Coaching Classes	IAS ACADEMY - Coaching Classes for Biology	U.G and P.G Students	1	2018-12-19



Science Academies' Refresher Course sponsored by IAS, INSA, NASI Gov. of India	Known to Unknown Techniques in Biology	College Professors	1	2018-11-06
DST SPONSORED - INSPIRE INTERNSHIP SCIENCE CAMP, NEW DELHI	INSPIRE INTERNSHIP SCIENCE CAMP	11th and 12 th standard Science Students	1	2018-08-07
Subject Related Inter Collegiate Competition	PRASTA FEST - Organizing Secretary	UG and PG College Students	1	2018-02-09
Refresher Course - Indian Academy of Sciences, Bangalore and INSA New Delhi, Bangalore	``BIOPROSPECTION OF BIORESOURCES: LAND TO LAB APPROACH``	Professors and Research Scholars	15	2018-01-04
Guest Lecture	Stem cells - Future of Regenerative Medicine	UG,PG students, Ph .D Scholars and Faculty members	1	2017-09-27
Awariness programme	Herbal medicine	Shepherd village people	1	2017-09-07
Two Days DBT-STAR Programme Workshop on 22&23 February 2017	In vitro propagation Techniques and Ex vitro acclimatization Strategies - DBT STAR Progrmm	Under graduate Students	2	2017-02-22
One Day National Level Workshop	One Day National Level Workshop on Plant Cell and Tissue Culture	UG and PG students, Ph .D Scholars and Faculty member	1	2017-02-14
One Day State Level Workshop	One Day State Level Workshop on Plant Tissue Culture	UG and PG students, Ph .D Scholars and Faculty member	1	2017-02-08
IAS ACADEMY - Coaching Classes	IAS ACADEMY - Coaching Classes for Biology	U.G and P.G Students	1	2016-12-21
IAS ACADEMY - Coaching Classes	IAS ACADEMY - Coaching Classes for Biology	U.G and P.G Students	1	2016-02-16
Inservice Training Programme	``Inservice Training Programme for Secondary Grade Science Teachers	Secondary Grade Science Teachers	1	2015-08-04
Awariness Talk on Environment	Global Warming Awareness	Environment Club Students	1	2015-02-26

**Research projects from National (N) / International (IN), funding agencies and Total grants received.**

Title of the Project	Type	Status	Funding Agency	Duration	Amount in Rupees	Year
Studies on <i>in vitro</i> propagation and re-establishment of <i>Anoectochilus elatus</i> Lindl. and <i>Dendrobium aquem</i> Lindl. Two important threatened medicinal orchids of Kolli Hills in Eastern Ghats, Tamil Nadu.	MI	C	UGC	2	440000	2015
<i>In vitro</i> propagation and Clonal Fidelity analysis of <i>Naregamia alata</i> -An Endemic Medicinal Plant of Kothaiar Hills, Tirunelveli region of Western Ghats.	MI	O	St. Joseph's College Research Grant - Sta	1	28,000	2021

Isolation, Characterisation and Identification of microorganisms from unorganized sewage samples and evaluating their Xenobiotic Biodegradability	MI	O	St. Joseph's College Research Grant Student	1	8000	2021
Studies on <i>in vitro</i> propagation, Molecular characterization and Phytotherapeutic analysis of <i>Syzygium hemisphericum</i> (Wight) Alston and <i>Dendrobium wightii</i> A.D. Hawkes & A.H. Heller - An Endemic Medicinal Plants of Eastern Ghats, Tamil Nadu, India.	MI	O	St. Joseph's College Research Grant - Staff	2	110000	2023
Studies on <i>in vitro</i> propagation, Molecular characterization and Phytochemical screening of <i>Hygrophila madurensis</i> -A critically endangered medicinal plant.	MI	O	St. Joseph's College Research Grant - Staff	2	30000	2023
<i>In vitro</i> propagation and Phyto-pharmacological analysis of <i>Jasminum greenii</i> Sp. nov. A newly discovered endemic plant species.	MI	O	St. Joseph's College Research Grant - Staff	2	30,000	2023
<i>In vitro</i> propagation, Genetic Fidelity analysis and Phytochemical screening of <i>Syzygium malabaricum</i> (Bedd.) Gamble- An Endemic medicinal plant of Western Ghats	MI	C	Received SJC Research Grant for M. Sc student	1	10000	2022

### Areas of consultancy and income generated

Organization Name	Consultation Type	Persons Involved	Date	Revenue	Days
GCIC, Department of Botany, ST. Josaeph's college, Trichy	Plant Tissue Culture - M.Sc Project Work	1	2018-02-01	1000	40

### Achievements

#### Ph. D Awarded to

Scholar Code	Scholar Name	Date of ViVa	Title
39077/Ph.D.K10/Botany /Fulltime	<b>P. SRINIVASAN</b>	2022	Studies on <i>In vitro</i> propagation, Molecular characterization and Phyto-therapeutic analysis of <i>Ranunculus wallichianus</i> Wight & Arn - An Endemic medicinal plant
16691/Ph.D.K1/Botany/ Fulltime	<b>R. TAMILVANAN</b>	2024	Studies on <i>In vitro</i> plant regeneration, Molecular character analysis and Phyto-Pharmacological evaluation of <i>Lindernia minima</i> (Benth.) Mukerjee- - An Endangered and Endemic plant

#### Awards (A) / Recognitions (R) received at National (N) / International (IN) level

Award Name	Organization Name	Date
Best Research Paper Award - Second Prize in National Conference on Application of Plant Metabolites and Vaccine Production at Selvamm Arts and Science College, Namakkal	PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal	2018-02-22
Rev. Dr. J.L. Gnanarathinam SJ Cash Award - Best Paper Published	St. Joseph's College 174th College Day	2018-03-17

College Management & Dr. D.I. Arockiasamy Cash Award for the Best paper published in Sciences with Good Impact Factor	St. Joseph`s College, 178th College Day	2022-05-28
College Management & Dr. D.I. Arockiasamy Cash Award for the Best paper published in Sciences with Good Impact Factor	St. Joseph`s College, 177th College Day	2021-04-10
Best ANO 2022-2023 in Air Wing NCC	NCC Group Head Quarters, Tiruchirappalli	2023-03-01
Award for Appreciation of NCC Activities	NCC Group Head Quarters, Tiruchirappalli	2022-01-27
Appreciation award from NCC Directorate	NCC Group Head Quarters, Tiruchiappalli	2022-01-10
Appreciation from NCC Directorate (TN, P & AN) for Outstanding, Praiseworthy contribution and Dedication	NCC Group Head Quarters, Tiruchirappalli	2023-01-13
Rev. Dr. J.L. Gnanarathinam SJ Cash Award - Best Paper Published	St. Joseph`s College, Tiruchirappalli.	2024-01-10

### Academic Member

BodyName	Position	Period
UG and PG Board of Study Member in Biotechnology	Member	2017- 2020
Advisory Committee Board	Member in National Conference	2017-2018
NCC Air Wing	Associate NCC Officer	2017 onwards
NCC - C Certificate Exam Board Member	Member	2018-2019
Indian Journal of Biotechnology	Reviewer	2020
NCC - B&C Certificate Exam Evaluation Board Member	Associate NCC Officer - NCC Air Wing	2019-2020
NCC	NCC – ‘B’ & ‘C’ Certificate Exam Evaluation Board Member	2022-2023
Ph. D Doctoral Committee	Doctoral Committee Member	2023-2024
PLOS ONE Journal	Reviewer	2023 -2024
Scientia Horticulturae Journal - Elsevier	Reviewer	2023-2024
Examination Board - Holy Cross College	Semester Examination Question Setter	2023-2024
International Journal of Agronomy- Willey	Reviewer	2023-2024
Forest Science and Technology- Taylor and Francis	Reviewer	2023-2024
South African Journal of Botany - Elsevier	Reviewer	2024-2025



Signature