

## STAFF PROFILE



**Name** : Dr. S. KARUPPUSAMY

**Designation** : Assistant Professor

**Date of Entry into Service** : 20-02-2008

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**Education** : M.Sc., Ph.D., FIAT., FBS.

**Areas of specialization** : Angiosperm Taxonomy, Phytochemistry, Tissue Culture  
Biotechnology, Biodiversity & Conservation.

### **Projects undertaken**

Title of the Project	Name of the funding Agency	Duration	Completed/ Ongoing	Amount	Remarks
Studies of essential oil composition and pharmacological screening of genus <i>Heracleum</i> in Western Ghats of Southern India.	UGC, New Delhi	2009-2012	Completed	6,38,300/-	Second installment of the grant is not sanctioned
Collection, conservation, taxonomic revision and phylogenetic studies on the genus <i>Solanum</i> L. in India.	SERB, New Delhi	2013-2016	Completed	11,50,000	Last three months grants yet to be received

### **Seminars Organized**

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/ International	Co-ordinator/ Convener
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### Seminors, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
National seminar on Trends in Plant Sciences	March 25 & 26, 2011	UGC, New Delhi.	National level	Department of Biotechnology, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh.
National workshop on Research Publication: Applied Multivariate Statistical Analysis Using SPSS and AMOS.	June 3-5, 2011	UGC, New Delhi	National Level	Indian Science Engineering and Environment, Chennai.
XXI Annual Conference of Indian Association for Angiosperm Taxonomy	December 2 – 4, 2011	IAAT, UGC & DBT.	National Level	Minerals and Materials Technology, CSIR, Bhubaneswar, Odisha
Workshop on Green Health Therapy – Sustainable utilization and Conservation of Medicinal Plants	20 <sup>th</sup> January 2012	UGC, New Delhi.	State Level	V.V. Vanniaperumal College for Women, Virudhunagar
National seminar on Herbal Wealth – Traditions and new Approaches	January 27 & 28 <sup>th</sup> 2012	UGC, New Delhi.	National Level	Nesamony Memorial Christian College, Marthandam, Tamilnadu.
Workshop on Assessment of Forest Types of India	February 2 <sup>nd</sup> , 2012	FSI, Dehradun.	National Level	Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore.
Workshop on Man and Medicinal Plants	February 23& 24 <sup>th</sup> 2012	UGC, New Delhi.	National Level	Department of botany, Bharathiar University, Coimbatore.
Workshop on Development of Science and Technology Location Specific Research and Demonstration Project	March 17, 2012	UGC, New Delhi	National Level	Kongunadu Arts and Science College, Coimbatore.
XXII Annual Conference of Indian Association for Angiosperm Taxonomy	October 28-30, 2012	IAAT, UGC, DBT.	National Level	Sant Gadge Baba Amravati University, Amravati.
Regional Science	December	ISCA,	National Level	Kongunadu Arts and

Congress on Science for Shaping the future of India	15 & 16, 2012	Kolkatta.		Science College, Coimbatore.
Second Indian Biodiversity Congress	December 9-11, 2012	CSIR, UGC & DBT.	National Level	J.N. Tata Auditorium, Bangaluru.
Workshop on Reassessment of Neo endemic Plants from Southern Western Ghats	August 16 & 17, 2013	National Biodiversity Authority, Chennai.	State Level	Department of Botany, Bharathiar University, Coimbatore.
XXXVI Annual conference of the Indian Botanical Society	October 18-20, 2013	IBS, UGC & DBT.	National Level	Department of Botany, DDU Gorakhpur Univeristy, Gorakhpur – 273009, UP.
XXIII Annual conference of Indian Association for Angiosperm Taxonomy	December 27 – 29, 2013	IAAT, UGC & DBT.	National Level	Department of Botany, RTM Nagpur University, Nagpur, MP.

#### Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited
<b>Flora of Andhra Pradesh, Floristic analysis and further illustrations Vol. 5</b>	<i>ISBN-13: 9788172335083.</i>	Scientific Publication, Jodhpur, India.	2007	T. Pullaiah and <b>S. Karuppusamy</b>
<b>Flora of Eastern Ghats, Hill Ranges in South East India Vol 3. Rosaceae – Asteraceae</b>	<i>ISBN 978-81-89233-54-9.</i>	Regency Publication, New Delhi	2007	T. Pullaiah, K. Sri Ramamurthy and <b>S. Karuppusamy</b>
<b>Flora of Eastern Ghats, Hill Ranges in South East India Vol 4. Stylidaceae – Plantaginaceae</b>	<i>ISBN-13: 9788189233655</i>	Regency Publication, New Delhi	2010	T. Pullaiah, S. Sandhiya Rani and <b>S. Karuppusamy</b>
<b><i>Caralluma (Sensu Lato) – Antiobesity Plants</i></b>	<i>ISBN 978-81-89233-80-8</i>	Astral International Private Ltd., New Delhi	2012	<b>S.Karuppusamy</b> , A. Ugraiyah and T. Pullaiah
<b>Biodiversity in India vol-7</b>	<i>ISBN 9788189233921</i>	Astral International Private Ltd., New Delhi	2014	T. Pullaiah, <b>S. Karuppusamy</b> and S. Sandhiya Rani
<b>Flora of Andhra Pradesh</b>		Scientific	2018	T. Pullaiah and

<b>(revised) – vol.3.</b>		Publication, Jodhpur, India		<b>S. Karuppusamy</b>
<b>Taxonomy of Angiosperms</b>	<i>ISBN 978-93-5222-021-2</i>	Regency Publication, New Delhi	2018	T. Pullaiah and <b>S. Karuppusamy</b>
<b>Orchids of Eastern Ghats, India</b>	<i>ISBN 978-93-87893-89-4</i>	Scientific Publication, Jodhpur, India	2019	K. Prasad, <b>S. Karuppusamy</b> and T. Pullaiah

### Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
<i>The International Journal of Plant Reproductive Biology</i>	0975-4296	<b>4(1):</b> 53–58.	2012	International
<i>International Journal of Biodiversity &amp; Conservation</i>	ISSN 2141-243X	<b>4(8):</b> 304-315.	2012	International
<i>Journal of Plant Sciences</i>	ISSN 1816-4951	DOI:10.3923/jps.2012.	2012	National
<i>African Journal of Plant Science</i>	ISSN: 1996-0824	6(11): 290-294.	2012	International
<i>Indian Journal of Environmental Education</i>	ISSN : 0975 – 9425	<b>12:</b> 37-46.	2012	National
<i>African Journal of Plant Science</i>	ISSN: 1996-0824	<b>6(12):</b> 321-327.	2012	International
<i>Nordic Journal of Botany</i>	1756-1051.2012.01557.x,	<b>30:</b> 1-4.	2012	International
<i>African Journal of Biotechnology</i>	ISSN 1179-3155	<b>11(89):</b> 15523-15528	2012	International
<i>Life Science Leaflets</i>	ISSN: 2277-4297	<b>1:</b> 1-22.	2012	National
<i>Rheedeia</i>	ISSN: 0971 – 2313	<b>22(2):</b> 107-110.	2012	International
<i>Bioscience Discovery</i>	ISSN: 2229-3469	<b>4(1):</b> 12-14.	2013	National
<i>J. Basic and Applied Biol.</i>	ISSN No. 0973-8207	<b>61:</b> 19-21.	2013	International
<i>Science Research Reporter</i>	ISSN: 2249-2321	<b>3(1):</b> 38-40.	2013	National
<i>The Journal of Biodiversity. Photon</i>	ISJN: 8359-6193	<b>112:</b> 248-253.	2013	International
<i>Biodiversity Journal</i>	ISSN 2039-0408	<b>4(3):</b> 395-398.	2013	International
<i>Taprobanica</i>	ISSN 1800–427X	<b>5(2):</b> 120-123.	2013	International
<i>Indian J. Pharm. Biol. Res</i>	ISSN:2320-9267	<b>1(4):</b> 38-44.	2013	International
<i>Intrenationale Pharmaceutica Scientia</i>	ISSN: 2231-5896	<b>3(4):</b> 23-29.	2013	International

<i>African Journal of biotechnology</i>	ISSN 1179-3155	<b>10(46):</b> 9328-9336.	2013	International
<i>J. Econ. Taxon. Bot.</i>	ISSN. 0250-9768	<b>37(1):</b> 113-115.	2013	National
<i>Edinburgh Journal of Botany</i>	91-8613000292	<b>71(1):</b> 57-61.	2014	International
<i>Asian J. Pharma Clin. Res.</i>	ISSN - 0974-2441	<b>7(2):</b> 41-47.	2014	International
<i>Kong. Res. J</i>		<b>1(1):</b> 54-56.	2014	National
<i>Journal of Threatened Taxa</i>	ISSN 0974-7907	<b>6(9):</b> 6282-6286.	2014	National
<i>AfricanJournal of Biotechnology</i>	ISSN 1179-3155	<b>13:</b> 3553-3559.	2014	International
<i>South Pacific Journal of Technology and Science</i>	<b>ISSN 2310-4899</b>	<b>2:</b> 325-331.	2014	International
<i>Bangladesh J. Plant Taxon</i>	ISSN 1028-2092	<b>21(2):</b> 167-173.	2014	International
<i>Journal of Pharmacognosy and Phytochemistry.</i>	ISSN: 2349-8234	<b>3(6):</b> 58-61.	2015	National
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>2(1):</b> 81-87.	2015	National
<i>Biodiversity &amp; Endangered Species</i>	ISSN: 2332-2543	<b>3(1):</b> 151-155.	2015	International
<i>European Journal of Environmental Ecology</i>	ISSN – 2393-9672	<b>2(3):</b> 128-136.	2015	International
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>2(2):</b> 84-86.	2015	National
<i>International Journal of Current Research in Bioscience and Plant Biology</i>	ISSN: 2349-8080	<b>2(9):</b> 140-153.	2015	International
<i>Phytotaxa</i>	ISSN 1179-3155	<b>244(1):</b> 089-095.	2016	International
<i>International Journal of Advanced Multidisciplinary Research</i>	ISSN: 2393-8870	<b>3(1):</b> 68-73.	2016	International
<i>International Journal of Current Research</i>	ISSN: 0975-833X	<b>8(2):</b> 26537-26539.	2016	International
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>3(1):</b> 30-31.	2016	National
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>3(1):</b> 56-58.	2016	National
<i>Journal of Biological Records</i>	ISSN 2456-3331	e0042016: 36-51.	2016	International
<i>Journal of Biological Records</i>	ISSN 2456-3331	e0072016: 65-72.	2016	International
<i>Bio Bulletin</i>	ISSN: 2454-7913	<b>2(1):</b> 58-73.	2016	International
<i>Journal of Biological</i>	ISSN 2456-3331	eo112016: 97-105.	2016	International

<i>Records</i>				
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>3(2):</b> 75-78.	2016	National
<i>Rheedea</i>	ISSN: 0971 – 2313	<b>26:</b> 62-63.	2016	International
<i>International Journal of Research in Medical and Basic Sciences</i>	ISSN:2455-569	<b>3:</b> 6-17.	2017	International
<i>International Journal of Research in Medical and Basic Sciences</i>	ISSN:2455-2569	<b>3:</b> 12-21.	2017	International
<i>Bio Bulletin</i>	ISSN: 2454-7921	<b>3:</b> 38-43.	2017	International
<i>Kong. Res. J.</i>	ISSN:0975-41-05	<b>5(2):</b> 41-49.	2017	National
<i>Species</i>	ISSN 2319–5746	<b>19:</b> 132-139.	2018	International
<i>Species</i>	ISSN 2319–5746	<b>20:</b> 28-34.	2019	International
<i>Phytotaxa</i>	ISSN 1179-3163	187(4): 295-299.	2019	International

### Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,	Nil	Nil	Nil
Ph.D.,(Part-time)	--	01	01
Ph.D. (Full-time)	03	--	01

### Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level
Jairam Arts & Science College, Salem.	14-9-2012	DBT- New Delhi.	Biotechnological approach of secondary metabolites from Medicinal Plants of Western Ghats.	Students, Research Scholars and Scientists.	National Level
Saraswathy Narayanan College, Madurai	5-10-2012	UGC , New Delhi.	Avenues and opportunities for botany students	PG Students	State level
Madurai Kamaraj University,	9-10-2012	UGC, New Delhi	Biodiversity & Conservation of medicinal plants in	Research Scholars and Scientists	National Level

Madurai			India		
PGR Krishnamma I college, Coimbatore	1-12-2012	PINSA – Science Academy	Floristics and Molecular taxonomy	Teachers and Scientists	National Level
Indian Biodiversity Conference , Bangalore	9-12-2012	UGC, DBT, CSIR, New Delhi	Plant diversity in fragile forests among tea plantations in Megamalai wildlife sanctuary, Western Ghats of Tamilnadu.	Researchers and Scientists	National Level
Kongunadu Arts & Science College, Coimbatore	15-12-2012	ISCA, Kolkatta.	Biodiversity for bioproducts.	Research scholars and Scientists	National Level
Sri Vinayaga College of Arts & Science, Ulundurpet, Villupuram.	08-2-2013	UGC, DBT, New Delhi.	Tissue culture biotechnology and metabolite production	Students, Research Scholars and Scientists	National Level
Arulmigu Palaniandavar College of Arts & Culture, Palani.	14-2-2013	UGC, New Delhi	Plant taxonomy – Morphology to Molecular.	Students and Teachers	National Level
Bharathiar University, Coimbatore	16-07-2013	National Biodiversity Authority, Chennai.	Assessment of Neo endemic plants of Western Ghats.	Researchers and Scientists	State Level
Government arts College, Udhagamandalam	29-7-2013	UGC, New Delhi.	Diversity of Flowering Plants	Students, Research Scholars and Scientists	National Level
Vellalar College for women, Erode.	10-01-2014	UGC, New Delhi.	Plant Taxonomy – Morphology to Molecule	Students, Research Scholars and Scientists	National Level
Kongunadu Arts and Science College, Coimbatore	7-3-2014	UC, New Delhi.	Indigenous knowledge in Biodiversity Conservation	Students, Research Scholars and Scientists	National Level
Vellalar	23-7-2014	UGC, New	Red-listed medicinal	Students,	National

College for Women, Erode		Delhi.	plants in Southern India	Research Scholars and Scientists	Level
PSG Arts and Science College, Coimbatore	6-8-2014	DST, New Delhi.	Methods of Assessment of RED species	Students, Research Scholars and Scientists	National Level
Mumbai University, Mumbai.	7-11-2014	UGC, DST, DBT & CSIR, New Delhi	Endemic Plants of southern Peninsular India – Diversity and Conservation	Students, Research Scholars and Scientists	National Level
Ramasamy Naidu Memorial College, Sattur	22-12-2014	UGC, New Delhi	Medicinal Plant Diversity, Utilization and Conservation in India	Students and Teachers	State Level
Wanaprthy, Mehaboobnagar Dt., Telungana State	22-1-2015	Telungana State Govt., Telungana.	Endemic plant sources of Peninsular India	Students, Research Scholars and Scientists	National Level
VOC college, Tuticorine	12-2-2015	DST- FIST, New Delhi.	Wild edible plant sources of Peninsular India	Students, Research Scholars and Scientists	National Level
Forest Department, Theni.	22-2-2105	Tamil Nadu Forest Department.	Identification of Trees – on hand training	Foresters, Rangers and forest guards.	State Level
Joseph college, Trichy	24-02-2015	UGC, New Delhi	Plant Taxonomy – Morphology to Molecular	Students and Teachers	State Level
Theni Forest Division, Theni	28-2-2015	Tamil Nadu Forest Department.	The Sholas – Climax forest community in Western Ghats	Foresters, Rangers and forest guards.	State Level
ST Hindu College, Nagercoil	7-03-2015	UGC, New Delhi.	Traditional knowledge on biodiversity conservation	Students, Research Scholars and Scientists	National Level
Kongunadu Arts and Science College, Coimbatore	17-3-2015	Star college Program, UGC, New Delhi.	Molecular Taxonomy – a recent approach and future perspective	Students, Research Scholars and Scientists	National Level
PMT college, Usilampatti	19-03-2015	UGC, New Delhi.	Biodiversity and Conservation	Students and Teachers.	Local Level

Madurai Forest Division, Madurai.	21-03-2015	Tamil Nadu Forest Department.	Interesting facts about flora	Forest officials and Rangers	State Level
University College, Trivandrum, Kerala.	10-12-2015	UGC, New Delhi.	Field taxonomy and Plant identification	Students, Research Scholars and Scientists	National Level
Mysore University, Mysuru, Karnataka	4-01-2016	ISCA, Kolkatta.	Indigenous knowledge on Biodiversity and Conservation	Students, Research Scholars and Scientists	International Level
Sri Kaliswari college, Sivakasi.	23-01-2016	UGC & DBT, New Delhi.	Biodiversity Conservation of Medicinal plants in southern India	Students, Research Scholars and Scientists	National Level
Vellalar College for Women, Erode.	28-01-2016	UGC, New Delhi.	Endemic plants of south India – source of novel metabolites	Students, Research Scholars and Scientists	International Level
Pachayappas College, Chennai	30-1-2016	UGC, New Delhi & NBA, Chennai.	An updated status on Biodiversity, Bioprospection and conservation of Endemic and Endangered medicinal plants of Tamil Nadu	Students, Research Scholars and Scientists	International Level
Thiyagarajar College, Madurai – 625009.	24-2-2016	Central Institute of Classical Tamil, Chennai.	Controversy in plant identification, endemism, indigenous medicinal value and conservation of Kabilar's Kurinji pattu flowers.	Students and Teachers	National Level
Nirmala College for Women, Coimbatore.	5-08-2016	UGC, New Delhi.	Ethnobotanical Documentation – Methods and Prospects	Students and Teachers.	Local Level
Knowledge Institute of Technology, Kakapalaya m Salem.	03-09-2016	SERB, New Delhi.	Current trends in Bioremediation and Phytoremediation	Students and Teachers.	State Level
SFR College	09-08-2018	Department	Plant Taxonomy -	Students and	College

for Women, Sivakasi		Association, Inaugural address	An over View	Teachers	level
Salim Ali Centre for Ornithology and Natural History, Anakaty	24-08-2018	MoEF, New Delhi	Principles of Plant Taxonomy	Researchers and Scientists	National Level

#### Academic council/Board of Studies Member

Institution	For a period of	Dept.
Saraswathy Narayanan College, Madurai (BOS member)	2011-2013	Botany
Nirmala College, Coimbatore (BOS member)	2013 – 2015	Botany
Saraswathy Narayanan College, Madurai (BOS member)	2013-2015	Botany
PSG Krishnammal College for Women, Coimbatore (BOS member)	2013 – 2016	Botany
Kongunadu Arts and Science College, Coimbatore (BOS member)	2016 – to till now	Botany
V.V.V. College for women, Virudhunagar (BOS member)	2014 – 2016	Botany
Vellalar Womens College, Dhindal, Erode (BOS member)	2018- to till now	Botany
Sri Parasakthi College for Women, Courtallum (BOS member)	2018 to till now	Botany

#### Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of
Department of Biotechnology, Govt. of India, New Delhi.	DBT-PDF National Level	Three years Fellowship	2004 – 2008
Indian Botanical Society	<b>Young Botanist Award-2006</b> National Level	M.S. SwamInathan Merit Certificate and Dr. Bahadur Singh Gold Medal	Presentation of Best paper in Biodiversity Conservation.
National Medicinal Plant Board, New Delhi.	<b>Young Scientist Award – 2008</b> National Level	Medal and Certificate	Contribution in Medicinal Botany
Indian Association	<b>Fellow of Indian</b>	Certificate	Contribution in

for Angiosperm Taxonomy, India.	<b>Angiosperm Taxonomy</b> National Level		Angiosperm Taxonomy
Indian Association for Angiosperm Taxonomy, India.	<b>Rolla S. Rao Award</b> National Level	Certificate	Contribution in Angiosperm Taxonomy
Science & Engineering Research Board, Government of India, New Delhi	<b>SERB-Fast track young Scientist Award</b> National Level	Three year project with fellowship	For working in Angiosperm Taxonomy in the genus <i>Solanum</i> in India
Indian Botanical Society	<b>Fellow of Indian Botanical Society</b> National Level	Certificate	Contribution in Plant Biodiversity and Conservation
Indian Botanical Society	<b>Prof. Y.S. Murthy Gold Medal</b>	Gold Medal and Certificate	Contribution in Angiosperm Taxonomy in India
Indian Science Congress Association, Kolkatta.	<b>Science Communicator Award</b>	Certificate	Contribution in Science Communication

**Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)**

Whether NSS/NCC/AEEP/YRC	Period
NCC	From 1- June 2016 to August 2017

**Reviewer/editor of a journal**

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h-index
African Journal of Biotechnology, Africa.	ISSN 1179-3155	International	0.560
African Journal of Traditional, Complementary and Alternative medicine, Nigeria.	<b>ISSN:</b> 0189-6016	International	1.02
Applied Biochemistry and Biotechnology, New York.	<i>ISSN:</i> 0273-2289	International	0.15
Journal of Biological Sciences, Africa.	<i>ISSN</i> 1449-2288	International	1.25
Journal of Medicinal Plant Research, USA.	<i>ISSN:</i> 1996-0875	International	--

Journal of Horticulture and Forestry, Academic Journal, USA.	ISSN: 2006-9782.	International	0.55
Journal of Soil Science and Environmental Management, Academic Journal, USA.	ISSN: 2141-2391	International	0.02
Majoe International Journal of Science and Technology, Germany.	ISSN 2221-0997	International	0.14
Rheedea, India	ISSN: 0971 – 2313	International	--
Journal of Threatened Taxa, India.	ISSN 0974-7907	National	--

#### **Details of Orientation and Refresher attended**

Orientation/Refresher	University/College/Institute at which attended	Duration	
		from	To
Orientation	Academic Staff College, Bharathiar University, Coimbatore.	15-05-2009	11-06-2009
Refresher	Academic Staff College, Bharathiar University, Coimbatore.	19-11-2013	09-12-2013
Refresher	Human Resource Development Centre, Pondicherry University, Pondicherry	2-01-2018	23-01-2018

**Any Other Information :**