

## PROFILE



Name : **Dr. Mrs. C. SAGAYA RANI**

Designation : Associate Professor

Department : Zoology

Data of birth : 23.06.1966

Date of appointment: 02.11.1993

### ACADEMIC QUALIFICATION:

COURSE	INSTITUTION STUDIED	UNIVERSITY	YEAR OF PASSING	CLASS
X	St. Anne's Girls. Hr. Sec. School, Cuddalore.		March -1981	First
XII	St. Philomena's Girls. Hr. Sec. School, Thindivanam.		April - 1983	First
B. Sc	Auxilium College, Vellore	Madras University	March -1987	First
M. Sc	Loyola College, Chennai	Madras University	March -1989	First
M. Phil	Loyola College, Chennai	Madras University	April -1990	Gold Medalist
PGDMLT	Loyola College, Chennai	Madras University	April -1990	First
D.MAG	Institute of Magneto Therapy, Nasik	-	Oct - 1996	First
Ph. D	Loyola College, Chennai	Madras University	March -1998	First

### TEACHING EXPERIENCE:

INSTITUTION	YEAR		NO OF YEARS		
	FROM	TO	UG	PG	M.Phil
Auxilium College, Vellore.	1990	1991	1	-	-
Jayaraj Annapackiam College for Women, Periyakulam.	1993 onwards		26 Yrs	26 yrs	16 yrs

**DETAILS OF REFRESHER COURSES ATTENDED**

<b>YEAR</b>	<b>INSTITUTION AND PLACE</b>	<b>DURATION</b>
2002	“Recent Advances in biological techniques Gandhigram Rural Institute, Deemed university, Gandhigram.	13.11.2002 - 03.12.2002
2003	“Modern Trends in Biology M.K.University, Madurai .	05.11.2003 - 26.12.2003

**DETAILS OF ORIENTATION COURSES ATTENDED**

<b>YEAR</b>	<b>INSTITUTION AND PLACE</b>	<b>DURATION</b>
1995	Orientation Programme, Academic Staff College, Madras University, Chennai.	31.08.1995 to 27.09.1995
2003	Orientation Programme for “Research guides in College and Major Research Projects” Yadava College Madurai	06.10.2003

**DETAILS OF SEMINARS ATTENDED**

<b>YEAR</b>	<b>TITLE</b>	<b>PLACE AND DATE</b>	<b>LEVEL</b>
1988	International Conference on “Biological Control of vector with predaceous Arthropods”	Loyola College, Chennai. 07.01.1988 - 10.01.1988	International
1994	Family through the challenges of the twentieth century youth welfare seminar	Madurai Kamraj University, Madurai. 19.12.1994 – 20.12.1994	National
1995	Seminar on: The role of medical lab technologists in Human. Health with emphasis in under privileged people	Loyola College, Chennai. 24.02.1995 – 25.02.1995	National
1995	Seminar on Personality Development and leadership Extension Lectures on population education	Billigram Building, Chennai. 20.03.1995 – 22.03.1995	Regional
1995	Seminar on Computer and its application	Jayaraj Annapackiam College for Women, Periyakulam. 8.11.1995 – 9.11.1995	College

1998	Seminar on Catholic contribution to Independent India	St.Joseph's College, Trichy. 10.01.1998 – 11.01.1998	Regional
1999	Applied Biotechnology	Jayaraj Annapackiam College for Women, Periyakulam. 28.01.1999	College
2000	Workshop on Environmental protection, people and the Law	Jayaraj Annapackiam College for Women, Periyakulam. 30.11.2000	College
2003	Challenges of value education at college level	Xavier Board of Higher Education Nobili Pastoral Centre, Madurai. 26.09.2003 – 27.09.2003	College
2003	“Challenges of value education at college level”	Nobili Pastoral centra Madurai, 26.09.2003 - 27.09.2003	State
2003	Bioinformatics and Biotechnology	M.K. University Madurai, 22.01.2003 – 23.01.2003	State
2004	“Empowering youth vision 2020”	P.A. College For women Palani 12.03.2004	National
2004	“Challenges and Applications in Biotechnology”	Thanthai Hans Roever college Perambalur. 04.03.2004 – 06.03.2004	National
2004	“Human Rights and Health”	Madras Christian College, Chennai, 14.10.2004 – 16.10.2004	International
2004	“Recasting communication strategy to health for all India”	M.K. University Madurai, 25.03.2004 -26.03.2004	National
2005	Values and Ethical Dimensions of Educational Leadership”	University of Madras 03.03.2005–04.03.2005	National
2005	“Bioethics education”	J.A. College Periyakulam. 20.01.2005	International
2005	“Biodiversity Measures”	J.A. College Periyakulam. 24.02.2005-25.02.2005	National
2006	“Environmental biotechnology for human	J.A.College, Periyakulam.	National

	welfare”	07.12.2006-08.12.2006	
2007	“Recent trends in understanding and applying the theory and practice of values”	J.A.College, Periyakulam. 11.01.2007-12.01.2007	National
2007	“Participative and Responsive organizational dynamics for quality improvement in Autonomous Colleges:	J.A.College, Periyakulam. 19.12.2007-20.12.2007	National
2008	“Recent trends in Biotechnology and its Ethical implications”	Auzilium College Vellore. 09.01.2008-10.01.2008	National
2008	Christian Values for wholesome life	J.A.College Periyakulam 29.08.2008	National
2009	State level one day seminar on modern Biological sciences	J.A.College, Periyakulam. 27.01.2009	State
2009	University level workshop on “Application of statistical packages in Biology”	J.A.College Periyakulam 23.02.2009	University Level
2009	Quality and Relevance in higher education – “New Challenges”	J.A.College, Periyakulam. 02.03.2009-03.03.2009	National
2009	Conserve the Mother Earth “Need of the Hour”	J.A.College, Periyakulam. 09.10.2009	National
2010	Techniques in Animal cell culture	Lady Doak College, Madurai. 22.06.2010-26.02.2010	National
2010	XX <sup>th</sup> Triennial convention of Xavier Board of higher education	Xavier Board of higher education Rajagiri. 06.05.2010-09.05.2010	National
2013	Interreligious	22.06.2013 Pastoral Centre, Madurai	Regional
2013	J. A. College for Women, Periyakulam.	Christhuva tamil thondu, 12.08.2013.	International
2013	Faculty training programe	Mother Teresa Womens University at J. A. College for women, Periyakulam.3 <sup>rd</sup> - 07 <sup>th</sup> September, 2013.	State Level

2013	Reforms in curriculum Development and examination system	J. A.College for Women, Periyakulam. 13.11.2013	State Level
2014	UGC Sponsored National workshop on E- Content Development for effective teaching and learning	11 <sup>th</sup> to 13 <sup>th</sup> Sep 2014 J.A.College for women (Autonomous), Periyakulam	National
2014	Commission for Ecumenism and Dialogue	06.07.2014 Pastoral Centre, K.Pudur, Madurai.	Regional
2016	NAAC Sponsored National Conference on Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions	J. A. College for Women, Periyakulam 29 <sup>th</sup> to 30 <sup>th</sup> September, 2016	National
2017	National seminar on Microbial tool and Bioremediation	J.A. College for women, Periyakulam 9.2.2017 to 10.2.2017	National
2017	National seminar on Microbial tool and Bioremediation	J.A. College for women, Periyakulam 9 <sup>th</sup> & 10 <sup>th</sup> Feb. 2017	National
2017	Statistics using EXCEL and SPSS	J.A. College for women, Periyakulam 5 <sup>th</sup> and 6 <sup>th</sup> September 2017	National
2018	National Seminar on “Emerging Trends in Life Sciences”	J.A. College for women, Periyakulam 9 <sup>th</sup> January 2018	National
2019	Revisioning Higher education in India – Challenges and strategies for catholic institutions	Don Bosco Institute, Guwahati, Assam 13 <sup>th</sup> to 15 <sup>th</sup> sep, 2019	National
2019	J.A. College for women, Periyakulam 11 <sup>th</sup> and 12 <sup>th</sup> December 2019	Emerging trends in Current environmental issues	National
2019-2020	International webinar on Brief perspectives of nanotechnology- Biosynthesis and Bio-application of nano particles	27.05.2020-29.05.2020 Department of Zoology,JAC,PKM	International webinar
	Online webinar on outcome based education	22.05.2020-29.05.2020 IQC,JAC,PKM	National
	Webinar on ‘Free Statistical Tool for Research Data Analysis and Research Publication with Special Reference to Citation, Impact Factor and h Index’	01.06.2020 & 02.06.2020 Library, JAC, PKM.	National

	International Virtual Conference on COVID-19 “Recent Updates and Current Advances”	03.06.2020 & 04.06.2020 Department of Microbiology, The American College, Madurai.	International
	International Webinar on “Managing Physical Fitness of Body and Mind”	08.06.2020 Department of Physical Education, St. Paul Institute of Professional Studies, Indore.	International
	International Webinar on “Porous Carbon – based Nanocomposite for Energy Storage and sensing “ and “Chemical Biology of COVID – 19”	11.06.2020 & 12.06.2020 PG and Research Centre of Chemistry , JAC , PKM.	International
	Online International Webinar on “ Fake News Syndrome : Journalism at Stake “	13.06.2020 Department of Mass Communication and Journalism , Loyola Degree College , Bengaluru.	International
	National Webinar on “Value of Health Care in Current Life Style”	15.06.2020 – 17.06.2020 Centre for Tourism and Hotel Management , Madurai Kamaraj University , Madurai with Annammal College of Education for Women , Thoothukudi.	National
	International Webinar on ‘Understanding Purpose of Life: Reflecting on Mental Health, Jobs and the Uncertain Future’	19.07.2020 & 20.07.2020 The placement Office of St. Joseph’ s College, Bangalore with Team Alpha International and Fort Hays State University, USA.	International
	National Faculty Enrichment Programme on “Digital Technology for Teaching of Life Sciences and Humanities”	21.07.2020 – 25.07.2020 PG and Research Department of Zoology of Dr. Ambedkar Government Arts College , Chennai in collaboration with the Indian Science Congress Association .	National
	International Webinar on ”Impact of Digital Threats and Cyber Risks During COVID-19”	24.07.2020 & 25.07.2020 Department of Computer Science, Sophia Girls’ College, Ajmer, Rajasthan	International
	International Web Conference on ”Innovative Technologies, Entrepreneurship Avenues, Livelihood Enhancement in Sustainable Management of Animal Farming”	03.08.2020 – 04.08.2020 PG and Research Department of Zoology of Dr. Ambedkar Government Arts College , Chennai in collaboration with the Indian	International

		Science Congress Association .	
	International Web Conference on "Innovative Technologies, Entrepreneurship Avenues, Livelihood Enhancement in Sustainable Management of Animal Farming"	03.08.2020 – 04.08.2020  PG and Research Department of Zoology of Dr. Ambedkar Government Arts College , Chennai  in collaboration with the Indian Science Congress Association .	International
2020- 2021	J.A. College for women, Periyakulam 3 <sup>rd</sup> May 2021	Quality enhancement initiative through innovative practices (IQAC)	National
	J.A. College for women, Periyakulam 1 <sup>st</sup> September 2020	Recent trends in life sciences phase - I	International
	J.A. College for women, Periyakulam 27 <sup>th</sup> September 2020	Honey bees: Hope for life	State level
	J.A. College for women, Periyakulam 5 <sup>th</sup> and 6 <sup>th</sup> January 2021	Recent trends in life sciences phase - II	International

#### DETAILS OF PAPER PRESENTED – NATIONAL

YEAR	TITLE	TOPIC	PLACE AND DATE
2004	Recasting Communication Strategy to health for all in India	Health for all in 2000AD: A Myth	M.K.University, Madurai. 25.03.2004-26.03.2004
2005	Values and ethical Dimensions of educational	Values and ethical Dimensions of	University of Madras 03.04.2005-04.03.2005
	leadership	educational leadership	
2006	Environmental Biotechnology for human welfare	Stem Cell Research	J.A.CollegePeriyakulam 07.12.2006-08.12.2006
2007	Participative & Responsive organizational Dynamics for Quality Improvement in Autonomous Colleges	Engendering standard Axiological dynamism	J.A.CollegePeriyakulam 11.01.2007-12.01.2007

2009	UGC Sponsored National Seminar on Conserve the Mother Earth “Need of the Hour”	Trend of HIV infection in patients with Tuberculosis, Aundipatti rural area	J.A.CollegePeriyakulam 09.03.2009-10.03.2009
2009	UGC Sponsored National Seminar on Conserve the Mother Earth “Need of the Hour”	Incidence of Anaemia among young girls	J.A.CollegePeriyakulam 09.03.2009-10.03.2009

### ORGANIZATION OF SEMINAR

YEAR	PLACE & DATE	TOPIC	SEMINAR
2008	J.A.College Periyakulam 29.08.2008	Christian Values for wholesome life	National
2009	J.A.College, Periyakulam. 09.10.2009	Conserve the Mother Earth “Need of the Hour”	National
2009	Xavier Board of Higher Education India Tamilnadu Region	“Personality Development and Christian Leadership”	J.A.CollegePeriyakulam 08.08.2009
2013	Womens Day Celebration	Women and Society	J.A.CollegePeriyakulam
2014	Xavier Board of Higher Education India Tamilnadu Region	Character Formation Youth Camp	J.A.CollegePeriyakulam
2014	Xavier Board of Higher Education India Tamilnadu Region	Regional Youth Camp	J.A.CollegePeriyakulam
2015	Xavier Board of Higher Education India Tamilnadu Region	National Youth Camp	Nirmala College, Coimbatore
2017	J.A.College Periyakulam	Statistics using excel and SPSS	International
2017	J.A. Collgege for women, Periyakulam 5 <sup>th</sup> and 6 <sup>th</sup> September 2017	Statistics using EXCEL and SPSS	National



2019	J.A. College for women, Periyakulam 11 <sup>th</sup> and 12 <sup>th</sup> December 2019	Emerging trends in Current environmental issues	National
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Attended the two days national seminar on at **PUBLICATIONS IN PROCEEDINGS**

YEAR	TITLE	PROCEEDINGS	PLACE AND DATE
2004	Recasting Communication Strategy to health for all in India	Health for all in 2000AD: A Myth	M.K.University, Madurai. 25.03.2004 -26.03.2004
2005	Values and ethical Dimensions of educational leadership	Values and ethical Dimensions of educational leadership	University of Madras 03.04.2005-04.03.2005
2007	Participative & Responsive organizational Dynamics for Quality Improvement in Autonomous Colleges	Engendering standard Axiological dynamism	J.A.CollegePeriyakulam 11.01.2007-12.01.2007
2009	UGC Sponsored National Seminar on conserve the Mother Earth “Need of the Hour”	Trend of HIV infection in patients with Tuberculosis, Aundipatti rural area	J.A.CollegePeriyakulam 09.03.2009-10.03.2009
2009	UGC Sponsored National Seminar on conserve the Mother Earth “Need of the Hour”	Incidence of Anaemia among young girls	J.A.CollegePeriyakulam 09.03.2009-10.03.2009

#### RESEARCH PUBLICATIONS IN JOURNALS

YEAR	TITLE	NAME OF THE JOURNAL	LEVEL
1995	An anti – Treehopper mutualism: Effects of camponotus compressus on the survival of leptocentrus moringae (membracidae:homoptera)	Journal of Applied Zool. Res. (1995) 6(2): 145-146.	National

2007	Biomass and Density effects on the Haematological Changes of trash water fish <i>Cyprinus carpio</i>	Journal of Aquatic Biology Vol,22(J) 2007: 167 – 172	National
(2012)	Adaptation to Education : An Analysis of college students health	Journal of Research in Biology 2(5):513- 522	International
2015	Allelopathic Effect of <i>Tagetes Erecta</i> on Soil Microbes and Nematodes of Papaya	Indo American Journal of Pharmaceutical Research, ISSN NO: 2231-6876	Peer reviewed
2016	Photogeneration of Reactive Oxygen Species and Biological Activities of Two Quinines	International Journal of Scientific Research and Education. ISSN(e) :2321-7545 (2016)	International

#### DETAILS OF COURSE MATERIALS PREPARED

YEAR	TITLE
1999	Perspectives of Clinical Laboratory Technology.
2010	Health Science
2011	The twelve apostles
2012	Family Health Care
2012	Clinical Laboratory Technology Certificate Course Materials,

#### DETAILS OF VARIOUS POSITIONS HELD AT COLLEGE

YEAR	POSITION
1993 – 1994	Students Service League
1994 – 1995	College Union
1995 – 1996	College Union
1996 – 1997	College Union

1997 – 1998	Kristu Jayanthi
1998 – 1999	Kristu Jayanthi
1999 – 2000	All India Association for Christian Higher Education, Xavier Board of Higher Education in India
2001 – 2002	All India Association for Christian Higher Education, Xavier Board of Higher Education in India
2002 – 2003	Student Service and Youth Welfare
2004 – 2005	Student Service and Youth Welfare
2005 – 2006	Student Service and Youth Welfare
2006 – 2007	All India Association for Christian Higher Education and Xavier board of Higher Education in India, Campus Ministry Research committee, College Choir
2007 – 2008	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry Research committee, College Choir
2008 – 2009	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry Research committee, College Choir
2009 – 2010	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry Research committee, College Choir
2010 – 2011	National Service Scheme
2011 – 2012	Harmony Club
2012 – 2013	Harmony Club
2013 – 2014	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, College Choir
2014 – 2015	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, College Choir
2015 – 2016	All India Association for Christian Higher Education Xavier board of Higher Education in

	India, Campus Ministry, College Choir
2016 – 2017	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry,
2017-2018	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, Counseling committee, Jubilee Committee
2018-2019	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, Counseling committee, Jubilee Committee, Academic Council
2019-2020	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, Counseling committee, Jubilee Committee, Academic Council
2020-2021	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, Counseling committee, Jubilee Committee, Academic Council
2021-2022	All India Association for Christian Higher Education Xavier board of Higher Education in India, Campus Ministry, Counseling committee, Jubilee Committee, Academic Council

## MAJOR RESEARCH PROJECT

Name	Title of the project	Ongoing / completed / proposals submitted	Period	Funding Agency & Amount sanctioned (Rs)
Dr. C.Sagayarani Principal co investigator	Evaluation of Novel Quinones as phototherapeutic Agents	Ongoing	2011-2014	UGC 9, 29, 800

## AWARDS RECEIVED

**BHARATH SHIKSHA RATAN AWARD** by global society for

health and education growth New Delhi for the individual contribution  
towards health and educational growth on 15.06.2015

**RASHTRIYA SHIKSHA SHIROMANI AWARD 2018** by global

society for health and education growth New Delhi for the Achiever's  
Association for Economic Research & Development on 30th November, 2018

