RESUME

FR DR S. IGNACIMUTHU, S.J.
Rector
St. Xavier's Institutions,,
St Xavier's College,
Palayamkottai – 627002,
Tamil Nadu, India
Tel.: 0462 2561987

PERSONAL DETAILS

Date of Birth : 7 February, 1948

Qualification : Ph. D, D.Sc.

Designation : Director

Department : Xavier Research Foundation

Community : BC

Religion : Christian

Nationality : Indian

Mobile : 0462 – 256 1987

Email ID : imuthus@hotmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	University	Year of Passing
B.Sc.	Botany	University of Madras (84.5; 8.45/10 University II Rank)	1972
M.Sc	Botany	University of Madras (97.0; 5.82/6 University I Rank)	1978
M.Phil	Botany	University of Delhi (92.8; 6.5/7 Outstanding)	1982
Ph.D	Genetics	University of Delhi (Outstanding)	1986
PGDEE	Environment	Institute of Environment and Ecology, Delhi (Outstanding)	1990 -
D.Sc.	Biotechnology	University of Madras (Outstanding)	2001

ACADEMIC IDENTITY

*VIDWAN ID	Vidwan-ID : 287622 https://vidwan.inflibnet.ac.in/profile/287622
*ORCID ID	https://orcid.org/0000-0002-8467-789X
*SCOPUS ID	https://orcid.org/0000-0002-8467-789X
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=tB39iu8AAAAJ&hl=en

TEACHING EXPERIENCE	
Date of Appointment	
Date of Retirement	
Teaching Experience	UG
	PG
	M.Phil.
Research	Guided M Phil: 25 Guided Ph D: 100 Guiding Ph Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
Botany	St. Joseph's College, Trichy	1980	1992	12
Botany	St. Xavier's College, Palayamkottai	1992	1993	1
Botany	Loyola College, Chennai	1997	2000	3

AWARDS RECEIVED	
1.	University Second Rank in B.Sc.
2.	University First Rank in M.Sc.
3.	Fellow of Several Scientific Bodies
4.	Best Book Award given by Tamil Nadu Government for the book on Environmental Awareness and Pollution Control.
5.	Tamil Nadu Scientists Award (TANSA) given by Tamil Nadu Government for Life Sciences in 2002.
6.	CEED Best Educationist Award, awarded by Centre for Education and Empowerment of the Downtrodden, India, 2006.
7.	Kaiserslautern University Scholarship for Post Doctoral Research
8.	ETH ZURICH Scholarship for Post Doctoral Research
9.	Man of the Year 1998, 1999, 2000, 2001 and 2002 by American Biographical Institute, Raleigh, USA
10.	2000 Millennium Medal of Honour by American Biographical Institute, Raleigh, USA
11.	International Man of the Year 1998 by International Biographical Institute Cambridge, England
12.	20th Century Award for Achievement by International Biographical Institute Cambridge, England
13.	Marquis Who's Who in the World, 19th edition 2002 published from New Providence, USA
14.	Outstanding people of the 21st Century – First edition, 2001 published by American Biographical Institute, USA.

15.	Most Influential Scientist of the Decade awarded by American Biographical Institute, USA in January 2002.
16.	Distinguished Leader Medal Awarded by American Biographical Institute, USA in January 2002.
17.	500 Outstanding Scientists of the Century Awarded in 2001 by International Biographical Institute, Cambridge, England
18.	American Medal of Honour awarded by American Biographical Institute, USA 1000 World leaders of Scientific Influences awarded by American Biographical Institute, USA.
19.	International Directory of Distinguished Leadership Hall of Fame awarded by American Biographical Institute, USA.
20.	2000 Outstanding Intellectuals of 21st Century awarded by International Biographical Institute, Cambridge, England.
21.	Great minds of the 21st Century – 2004 Edition, American Biographical Institute, USA
22.	Web of Science ranked 4th place in Chennai city, The Thomson Corporation, 2007 (http://portal.isiknowledge .com/analyze/ra.cgi.
23.	Gold Medal for India awarded by American Biographical Institute, USA, 2008
24.	Alpha Lifetime Achievement Award, 2002, by Alpha Arts and Science College, Chennai.
25.	Rotary Award for Vocational Excellence, 2003, by Rotary Club of Madras North and Chennai East, Chennai.
26.	M.K. Nambiar Memorial Oration Award, 2002, by Indian Association of Biomedical Scientists, Chennai
27.	International Scientists of the Year for 2007 awarded by International Biographical Centre, Cambridge, England, May 2007.
28.	Karmaveerar Kamarajar Environmental Award 2008 for Environmental Management awarded by Department of Environment, Govt. of Tamil Nadu.
29.	Satyagraha Best Educationist Award, 2011, Awarded by Satyagraha Movement
30.	Leading Scientists of the world, 2011 by International Biographical Centre, UK.
31.	Gold medal for India, 2011 by American Biographical Institute, USA
32.	Marquis World Who is Who, 2011 by Marquis Publishers, USA.
33.	CSIR – Emeritus Scientist Award, 2009
34.	Life-time Achievement Award given by His Excellency Dr. K. Rosaiah, Governor of Tamil Nadu on behalf of Thiru Vi. Ka. and Dr. Mu. Va. Education Trust, Chennai – 2012
35.	Life-time Achievement Award given by His Excellency Dr. K. Rosaiah, Governor of Tamil Nadu on behalf of Thiru Vi. Ka. and Dr. Mu. Va. Education Trust, Chennai – 2012
36.	ICMR – Emeritus Medical Scientist Award – 2013
37.	The Eminent Scientist Award given by ePadasala and Education Today, Chennai
38.	Visionery Par Excellence Award presented by St John's Public School, Chennai on 05.09.2015.
39.	Life-time Achievement Award given by His Excellency Dr. K. Rosaiah, Governor of Tamil Nadu on behalf of Thiru Vi. Ka. and Dr. Mu. Va. Education Trust, Chennai – 2012

40.	Lifetime Achievement Award 2019. VDGOOD Professionsl Association, New Delhi
41.	Dr APJ Abdul Kalam Award 2022. Department of Higher Education Tamil Nadu Government
42.	Saint Peter Canisius Award for Contribution to Higher Education given by International Association of Jesuit Universities presented by the Superior General Fr Aturo Sosa, S.J. of the Society of Jesus on 6th August 2022.

ADMINISTRATIVE EXPERIENCE

S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Vice Chancellor	University of Madras, Chennai	2002-2003
2.	Vice Chancellor	Bharathiar University, Coimbatore	2000-2002
3.	Principal	Loyola College, Chennai	1997-2000
4.	Assistant Director	Entomology Research Institute, Loyola College, Chennai	1993-1996
5.	Principal	St. Xavier's College, Palayamkottai	1992-1993
6.	Vice-Principal & Lecturer, Reader,	St. Joseph's College, Trichy	1980-1992
7.	Director	Entomology Research Institute, Loyola College, Chennai	1996-2018
8.	Director	Xavier Research Foundation, St Xavier's College, Palayamkottai-627002	2018 till date
9.	Anna and Don Waite Endowed Chair	Creighton University, 2500 California Plaza, Omaha, NE 68178, 402.280.2700	2023 August- 2024 May
10.	Rector	St. Xavier's Institutions, Palayamkottai-627 002	2024 -

MEMBERSHIP AND FELLOWSHIP IN PROFESSIONAL BODIES

S. No	Designation	Particulars
1.	Member	Biotechnology Board, Government of Tamil Nadu
2.	Member	Tamil Nadu State Council for Higher Education, Govt. of Tamil Nadu
3.	Member	Editorial Board, Indian Journal of Experimental Biology, New Delhi.
4.	Member	, Editorial, Board, International Journal of Plant Cell Biotechnology and Molecular Biology.
5.	Member	Editorial Board, Wealth of India, CSIR, New Delhi
6.	Member	Executive Council, University of Hyderabad
7.	Member	Member, Executive Council of University of Nagaland
8.	Expert Member	Editorial Committee
9.	Member	Planning Board, Bharathiar University, Coimbatore from 2013

10.	Member	Governing Body, Karunya Deemed to be University Coimbatore
11.	Chairman	Academic council, MACFAST, Thiruvalla, Kerala
12.	Member	Board of Management, Christ Deemed to be University, Bengaluru
13.	Member	Member, Indian Science Congress, Calcutta from 1986
14.	Member	Indian Society of Phytomorphology, New Delhi from 1992
15.	Member	National Geographical Society, USA from 1996
16.	Member	Entomological Society of America, USA from 2000
17.	Member	Member, Society of Economic Botany, USA from 2000
18.	Fellow	Royal Entomological Society, England from 2000
19.	Member	International Society of Molecular Biology, USA from 1996
20.	Member	Nature Reader Panel from 2008
21.	Fellow	Indian Society of Genetics and Plant Breeding from 1991.
22.	Fellow	Indian Society of Nuclear Techniques in Agriculture and Biology from 1990
23.	Fellow	Fellow of the Royal Entomological Society, London from 2007
24.	Fellow	Entomology Academy of India, Chennai from 2008
25.	Fellow	National Academy of Agricultural Sciences from December 2008

	Research Experience		
Post Doctoral Research	Department of Cell Biology, University of Kaiserslautern, Germany	Molecular Biology	1995 (9 months)
Visiting Scientist	Department of Entomology, University of Wisconsin, Madison, USA	Entomology	1995 (3 months)
Visiting Scientist	Applied Entomology, ETH Zentrum, Zurich, Switzerland	Entomology	1996 (6 months)
Visiting Scientist	Institute of Plant Sciences, ETH Zentrum, Zurich, Switzerland	Molecular Biology	1996 (6 months)
Visiting Scientist	National Institute of Basic Biology, Okazaki, Japan	Molecular Biology	1997 (3 months)
Visiting Scientist	Department of Genetics, University of Kaiserslautern, Germany	Molecular Biology	2003 (3 months)

Academic Innovations as Vice-Chancellor

- Introduced choice based credit system
- Introduced dual degree programme
- Established counseling center and placement cell
- Instituted many job and skill oriented courses
- Introduced internal marks component
- Introduced teacher evaluation by student
- Established student scholarships

Academic Innovations as Principal

- Introduced Biotechnology as a subject of study in colleges and Universities
- Restructured UG syllabus as a model syllabus with skill orientation for all subjects
- Introduced evaluation of teachers by students
- Introduced foundation courses including value education and extension services in colleges

AREAS OF RESEARCH
Biotechnology, Biopesticides Ethno pharmacology, Microbiology, Vector Control, Ethno botany, Ethno pharmacology, Plant Tissue Culture, Plant Taxonomy and Medico botany, Bioinformatics, Bio – nano technology, Medicinal chemistry

	RESEARCH PROJECTS CARRIED OUT		
S. No	Title of the Project (Major)	Name of the Funding Agency& Amount	Duration
1.	Genetic diversity in the wild and cultivated urd and mung beans	UGC	1987-1989
2.	Training on Environment	CEBMO, Netherlands	1988-1991
3.	Characterization of wild relatives of pulses from Palney Hills, Western Ghats	ICAR	1989-1992
4.	Training on Conservation	MISSIO, Belgium	1990-1993
5.	Producing better nitrogen fixing pulses	UGC	1991-1994
6.	Training on Environmental Protection	MISSIO, Germany	1993-1996
7.	Biotechnological aspects of insect-seed interactions in relation to pulses	DBT	1995-1998
8.	Botanical pesticides used by tribals for mosquitoe control	DOEn	1996-1999
9.	Insecticidal Plants used by the tribals of Tamil Nadu,	Mac Arthur Foundation, USA	1995-2000
10.	Genetic Engineering of Pulses	UGC	1997-2001
11.	Helping farmers to Combat Malnutrition by Preventing Post-Harvest Loss of Legumes Using Integrated Pest Management.	Novartis Foundation Switzerland	1997-2001
12.	Environmental awareness programme among farmers and students	Indeschpatenshaft, Luxemburg	2001-2003
13.	Efficacy of *Hyptis sauveolens* and *Melochia chorcorifolia* for controlling pest in legumes	CSIR, New Delhi	2001-2003
14.	Survey of Medicinal Plants of Western Ghats in Tamil Nadu	ICMR, New Delhi	2001-2004
15.	Net Working and Computational Facilities	DST-FIST	2001-2006
16.	Antimycobacterial activity of *Solanum trilobatum, Adhatoda vasica and Garcinia pictorial*	ICMR, New Delhi	2003-2006
17.	Development of fungal resistant pearl millet [*Pennisetum typhoides* (l.) R. Br.] through genetic engineering (7.92 lakhs)	UGC New Delhi	2005-2007

18.	*Ex Situ* Conservation and Rehabilitation of Selected Threatened Medicinal Plants of South Western Ghats (6.73 lakhs)	MOEF New Delhi	2005-2007
19.	Formulation and Evaluation of Novel Botanical Pesticides for Controlling Lepidopteran Pests (7.42 lakhs)	CSIR New Delhi	2005-2007
20.	Field Demonstration and training of farmers in the use of bio-pesticides for sustainable agriculture (11.06 lakhs)	DST-Science & Society, New Delhi	2005-2008
21.	Isolation of bioactive molecules from selected plants against armyworm, *Spodoptera litura* (Fab.) and cotton bollworm, *Helicoverpa armigera* (Lepidoptera: Noctuidae) (18.4 lakhs)	DST-SERC, New Delhi	2005-2008
22.	Antidiabetic activity of selected medicinal plants used by Kani tribes in Tamilnadu (7.83 Lakhs)	DRDO, New Delhi	2007-2009
23.	Antidiabetic activity of *Nicotiana tobaccum* and *Ipomea nil* used by herbal healers (3.68 lakhs)	N**IF**-ICMR, New Delhi	2008-2009
24.	Antidiabetic activity of some selected medicinal plants used by Paliyar tribes in Tamil Nadu (11.13 lakhs)	ICMR-New Delhi	2007-2010
25.	Hepatoprotective activity of *Wedelia urtaecofolia* and *Datura metel* used by herbal healers (4.69 Lakhs)	N**IF**-ICMR, New Delhi	2010-2011
26.	Augmenting the livelihood of women farmers and women through self help group through training on biopesticides and vermicompost production for sustainable agriculture (9.33 lakhs)	DBT, New Delhi	2009-2011
27.	Development of Insect Resistant Abelmoschus esculentus (Linn.) (Lady's Finger) (11.21 lakhs)	UGC, New Delhi	2009-2012
28.	Isolation and Synthesization of Antimycobacterial Compounds Vasicine Acetate and 2-Acetyl Benzylamine from *Adhatoda vasica*	CSIR-OSDD, New Delhi	2010-2012
29.	Identifying antidiabetic principles from *Aegle marmelos* Corr., A traditional antidiabetic medicinal plant (15.96 lakhs)	CSIR (Emeritus Scientist Scheme)	2009-2012
30.	Documentation of Local Health Traditions practiced by herbal practioners in three districts of South Tamil Nadu and Encourage them to cultivate medicinal plants to enhance their livelihood (18.71 lakhs)	AYUSH, New Delhi	2010-2012
31.	Screening of some plant molecules against	ICMR, New	2011-2014

	Mycobacterium tuberculosis (17 lakhs)	Delhi	
32.	*Delonix elata* (L.) Gamble to treat arthritis and isolation of active compounds (17 lakhs)	ICMR, New Delhi	2011-2014
33.	Identification of genetic markers related to fungal resistance in finger millet (Eleusine coracana (L.) Gaerth.) using molecular marker techniques (21 Lakhs)	DBT-New Delhi	2011-2014
34.	Development of actinomycetes- based mosquitocidal biopesticides (16.37 lakhs)	DRDO, New Delhi	2011-2014
35.	Identification of ppar α and ppar γ agonists from Compounds isolated from indian medicinal plants Using *in silico*, *in vitro* and *in vivo* systems	ICMR EMS, New Delhi	2013-2014
36.	Identification and mechanism of action of antidiabetic principles from the leaves and fruits of *Coccinia indica* W&A., A traditional antidiabetic plant (30 Lakhs)	ICMR, New Delhi	2015-2017
37.	Identification of Quantitative Trait Loci (QTL) Associated with Zinc Efficiency in Finger Millet (39 Lakhs)	Times of India	2015-2017
38.	Quantitative ethnomedical studies on the medicinal foods used in Tiruvallur district for obesity and development anti-obese nutraceuticals	Times of India	2015-2017
39.	Developing chitosan-based nano Botanical pesticide to control insect Pests and promote plant growth	Times of India	2015-2017
40.	Phylogenetic Analysis of Economically Important Insects of Super family Noctuoidea (Insecta: Lepidoptera) Using DNA Barcoding (Mitochondrial and Nuclear Genes)	Times of India	2015-2017
41.	Loyola-STP Water Quality Testing Project (15 Lakhs)	Times of India	2016-2019
42.	Development of some novel Arjunolic acid derivatives for the treatment of Non-Alocholic Fatty liver disease (4.56 Lakhs per year)	ICMR, New Delhi	2018-2019
43.	Isolation and characterization of active constituents from tricholoma giganteum Massee., for the treatment of Non-alcoholic Fatty Liver Disease (13.5 Lakhs) (Coinvestigator)	SERB, DST, New Delhi	2018-2021

44.	Characterization of complete mitochondrial genome sequence of superfamily Noctuoidea (Insecta: Lepidoptera) moths and its deep level phylogenetic evolutionary relationships (39.71 Lakhs) (Coinvestigator)	SERB, DST, New Delhi	2018-2021
45.	Reducing the phytic acid content in the seeds of foxtail millet through CRISPR/Cas9 system-mediated genome editing (43.92 Lakhs) (Coinvestigator)	DBT, New Delhi	2019-2022
46.	Promoting Organic Farming Practices to enhance Livelihood of Farmers in Tirunelveli District (28 Lakhs)	Germany NGO	2019-2022
47.	Training Students In Organic Farming And Sustainable Agriculture And Promoting Agro-Tourisam In Tamil Nadu	Switerland NGO	2021-2024
48.	Missionary science and social justice in postcolonial India: The evolution of Jesuit science in the Madurai Province, 1952-2019	London NGO	2021-2024
49.	Promoting Awareness and Scientific Knowledge on medicinal plant among higher secondary school children in Tirunelveli District of Tamil Nadu. (12 Lakhs)	National Medicinal plant board	2022-2025
50.	Promoting Indigenous Traditional Herbal Medicines To Cure Some Diseases Based On Rigorous Scientific Evaluation (1.5 core)	Italy - NGO	2022-2024

PATENTS FILED/AWARDED (INVENTORS, TITLE, FILE AND DATE)

1. S. Ignacimuthu, A. Jeyasankar and N. Raja. A procees for the preparation of an active compound 2,5 Diacetoxy-2-(Phenyl Methyl), 4,4,6,6-Tetra Methyl 1-1, 3-Cyclohexanedione having insecticidal property, 579/CHE/2005, 30-07-2004 (Patent No. **236541** dt. 9.11.2009). Patentee - **Entomology Research Institute**
2. S. Ignacimuthu, N. Raja, M. Pavunraj and V. Duraipandiyan. A process for preparation of 6-(4,7-dihydroxy-heptyl) quinone with antifeedant and antibacterial activity, 494/CHE/2006, 18-03-2006 (Patent No. **232206** dt. 16.3.2009). Patentee - **Savarimuthu Ignacimuthu**
3. S. Ignacimuthu and S. Mariapackiam. A Phytopesticidal Formulation 'PONNEEM' for controlling insect pests, 657/CHE/2006, 10-04-2006 (Patent No. **234081** dt. 5.5.2009). Patentee - **Savarimuthu Ignacimuthu**
4. P. Daisy, R.S. Jasmine and S. Ignacimuthu. A process for preparation of a novel compound 5,6-dihydroxy-3- [(4-hydroxy-6- (hydroxymethyl) -3,5-di[3,4,5-trihydroxy-6- (hydroxymethyl) tetrahydro-2*h*-2-pyranyl]oxy tetrahydro-2*h*-2-pyranyl)oxy] -2-methoxy-10, 13-dimethylperhy drocyclopenta [α]phenan thren-17-yl(phenyl)methyl acetate from *Syzygium cumini* (L) Skeels seeds with antibacterial and antidiabetic activity. 810/CHE/2007, 17-04-2007 (patent No. **244666** dt. 15-12-2010)**. Patentee: P. Daisy, S. Ignacimuthu and R.S. Jasmine**
5. G. Chandramohan, K.V. Pugalendi, S. Ignacimuthu. A process for preparation of a novel compound 3-hydroxymethyl xylitol with antidiabetic activity, 268/CHE/2007, 07-02-2007 (patent No. **243139** dt. 1-10-2010) – Patentee - **G. Chandramohan, K.V. Pugalendi and S. Ignacimuthu**
6. P. Daisy S. Ignacimuthu and Mohammed Farook A process for preparation of a novel compound Gymnemic triacetate from *Gymnema sylvestre.* 1653/CHE/2007, 30-07-2007. (Patent No. **246537** dt. 03.03.2011), **Patentee - P. Daisy, S. Ignacimuthu and Mohammed Farook.**
7. S. Ignacimuthu and P. Subash Babu, A process for preparation of a novel crystal compound Nymphayol [17-(hexan-2-yl)-10, 13-dimethylhexadecahydro-1 H-cyclopental[a] phenanthren-3-ol] from *Nymphaea stellata* Willd. Flower with antidiabetic property. 1567/CHE/2007, 20-07-2007 (patent No. **252169** dt. 30-04-2012). **Patentee** – **S. Ignacimuthu and P. Subash Babu**
8. S. Ignacimuthu and V. Duraipandiyan. A process for preparation of a novel crystal 2,2-dimethyl-2h-benzo (h) chromen-5(6h)-one with antimicrobial property and antifeedant activity, 317/CHE/2007, 23-2-2007.
9. P. Daisy, R.S. Jasmine and S. Ignacimuthu. A process for preparation of a novel compound, 6-[1-(10,13-dimethyl-4,5,8,9,10,11, 12,13,14,15,16,17-dodecahydro-1*H*-cyclopenta[α] phenan thren-17-yl) ethyl]-3- methyl-3,6-dihydro -2*H*-2-pyranone from *Elephantopus scaber* L. whole plant with antibacterial and antidiabetic activity, 809/CHE/2007, 17-04-2007(Patent No. **285131**, dt.12/07/2017). **Patentee – P. Daisy, R.S. Jasmine and S. Ignacimuthu.**
10. S. Ignacimuthu, P. Daisy and Mohammed Farook A process for preparation of a novel compound Dihydroxy Gymnemic triacetate from *Gymnema sylvestre*. 1651/CHE/2007,

30-07-2007 (Patent No. **281259**, dt.10/03/2017). **Patentee – S. Ignacimuthu, P. Daisy and Mohammed Farook.**

11. S. Ignacimuthu, P. Daisy and Mohammed Farook A process for preparation of a novel compound Gymnemic diacetate from *Gymnema sylvestre.* 1652/CHE/2007, 30-07-2007.
12. S. Ignacimuthu, K. Baskar and V. Duraipandiyan, 2009, A process for Preparing Compound Atalantiamide with Antifeedant larvicidal and pupicidal activities, 2610/CHE/2009
13. S. Ignacimuthu, and N. Shanmugam, 2008. Fractionation of *Adhatoda vasica* Leaves (applicants S. Ignacimuthu and ICMR) **(Patent Application No. 1025/DEL/2010).**
14. S. Ignacimuthu and N. Prakash Babu, 2012. A process for preparation of 3-hydroxy-2-methoxy sodium butanoate, a novel cytokine modulator from the leaves of Clerodendrum phlomidis L.F. Patent Application No. 2382/CHE/2012A dated 14-06-2012).
15. S. Ignacimuthu and K.V. Rajendran, 2012. A herbal formulation for controlling vector mosquitoes Application No. 2371/CHE/2012 dated 14-06-2012.
16. S. Ignacimuthu, K.V. Rajendran, A. D. Reegan and M. Gabriel Paulraj, 2013. A volatile oil formulation for protection against two mosquito species *aedes aegypti* (Linn.) and *culex quinquefasciatus* (Say.) Application No. 5678/CHE/2013, dt.:10/12/2013
17. Al-Dhabi, N.A., Ignacimuthu, S., Balachandran, C., Duraipandiyan, V., 2015. A process for obtaining a naphthoquinone derivative from *Streptomyces* sp. King Saud University/Saudi Arabia. **US Patent No. US 10,036,048 B1, dt.: 31/07/2018**
18. Ignacimuthu, S., Gabriel Paulraj, M., Saravana kumar, P., Balakrishna, K., Daniel Reegan, A., & Sukumaran, D., 2016. A Process for the isolation of a novel compound 'Ignaciomycin' from Streptomyces sp. active against microbes and vector mosquitoes. **Indian Patent No. 38870. Dated 09.02.2022. Patentee – Savarimuthu Ignacimuthu**
19. Ignacimuthu, S., K. V. Rajendran, A. Daniel Reegan, M. Gabriel Paulraj and M. Rajiv Gandhi, 2016. Preparation of herbal mosquito coil and incense stick using plant volatile oil-based formulation for protection against two vector mosquito species, Aedes aegypti (Linn.) and Culex quinquefasciatus (Say.) Indian Patent No. 436594.Dated 30.06.2023. **Patentee** – **Savarimuthu Ignacimuthu**
20. Ignacimuthu, S., Pandikumar, P., Esakkimuthu, S., and Darvin, S.S., 2017. A Process for preparation of synergistically active herbal biscuits to treat obesity and non-alcoholic fatty liver disease. **Indian Patent No. 436684. Dated 30.06.2023. Patentee** – **Savarimuthu Ignacimuthu**
21. Al-Dhabi, N.A., Ignacimuthu, S., Pandikumar, P., Toppo, E., and Darvin, S.S., 2017. A novel compound Isoandrographolide-19-propionate derived from Andrographolide to treat Non-alcoholic fatty liver disease. **US patent No. US 10,064,841 B1, dt.:04/09/2018**
22. Ignacimuthu, S., Sivanandhan, S., Gabriel Paulraj, M., Balakrishna, K., 2018. A compound (4R, 5S)-4-acetoxy-7-tigloyloxy carvotanacetone with antifungal properties. **Indian Patent No. 390689. Dated 28.02.2022 Patentee – S. Ignacimuthu, S., Sivanandhan, S., Gabriel Paulraj, M., Balakrishna.**

PRODUCTS, TRADEMARK & RECOGNITION

- PONNEEM Botanical Pesticide: Trademark Number 1813933
- The new species named: *Jacthrips ignacimuthui*
- A new molecule named: *Ignaciomycin*
- Xavier Sanitizer, License number 09A0024412

COMPLETE GENOME SEQUENCE DEPOSITED IN THE GENBANK

1. Sivasankaran, K., Anand, S., Pratheesh, M., Ceasor, S.A, and Ignacimuthu, S. 2016. Complete mitochondrial genome sequence of *Eudocima phalonia* ERILMC-049. **GenBank Accession No. KY196412**
2. Muzafar Riyaz, Rauf A. Shaw, Sivasankaran, K. and Ignacimuthu,S. 2020. Complete mitochondrial genome sequesnce of *Eudocima salamania* Cramer, 1777 ERILMC-038. **GenBank Accession No. MT 048385**
3. Muzafar Riyaz, Rauf A. Shah, Sivasankaran, K and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of *Lygephila dorsigera* Walker, 1865 ERILMC-094. **GenBank Accession No-MW648384**
4. Sivasankaran, K Muzafar Riyaz, Rauf A. Shah, and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of *Oraesia emarginata* (Fabricius, 1794) ERILMC-051 **GenBank Accession No-MW648382**
5. Rauf A. Shah, Muzafar Riyaz, Sivasankaran, K and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of *Westermannia superba* Hubner, 1823 ERILMC-196 **GenBank Accession No-MW648383**
6. Ignacimuthu, S., Sivasankaran, K., Rauf, S. A. and Muzafar, R. 2021. Complete mitochondrial genome sequence of Ischyja manlia Cramer, 1776 ERILMC-089 **GenBank Accession No-MW664367**
7. Sivasankaran, K., Rauf, S. A., Muzafar, R. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Rusicada privata (Walker, 1865) ERILMC-101 GenBank Accession No-MW664368
8. Rauf, S. A., Muzafar, R., Sivasankaran, K. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Blenina donans Walker, 1858 ERILMC-140 **GenBank Accession no-MW678841**
9. Muzafar Riyaz, Rauf A. Shah, Sivasankaran, K and Ignacimuthu, S. 2020. Complete mitochondrial genome sequence of Eudocima salaminia Cramer, 1777 ERILMC-038 **GenBank Accession No-MW683337**
10. Muzafar, R., Rauf, S. A., Sivasankaran, K. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Hypospila bolinoides Guenee 1852 ERILMC-075 **GenBank Accession No-MW691121**
11. Sivasankaran, K., Muzafar, R., Rauf, S. A. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Artena dotata Fabricius, 1794 ERILMC-ERILMC-091 **GenBank Accession No-MW697902**
12. Sivasankaran, K., Rauf, S. A., Muzafar, R. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Actinotia polyodon (Clerck, 1759) ERILMC-029 **GenBank Accession No-MW697903**
13. Sivasankaran, K., Muzafar, R., Rauf, S. A. and Ignacimuthu, S. 2021. Complete mitochondrial genome sequence of Odontodes seranensis Prout, 1922 ERILMC-021 **GenBank Accession No- MW719565**

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PUBLICATIONS				
BOOKS	**BOOK CHAPTERS**	**SCOPUS**	**WEB OF SCIENCE**	**UGC LISTED**
80	**20**	**560**		
OTHER INDEXED	**AS A RESOURCE PERSON**	**PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS**	**WEBINARS, SEMINARS, WORKSHOPS ATTENDED**	
	150	**120**	**150**	

PUBLICATIONS: BOOKS (a) Science Books authored)			
S. No	**Title of the Book**	**Publication**	**Year**
1.	S. Ignacimuthu, *Chutru Choolal Vizhippunarvu* (Tamil), (Environnemental Awareness),	Solai Publications, Vellore. pp 1-140 (Reprinted 3 times)	1994
2.	S. Ignacimuthu, Basic Biotechnology,	Tata McGraw Hill Publishing Co., New Delhi, pp. 1-394. (Reprinted 15 times)	1995
3.	S. Ignacimuthu and K.S. Arulsamy, *Nammai Chutri* (Tamil), (Around Us),	Loyola College Publications, Chennai, pp. 1-90. (Reprinted 2 times)	1995
4.	S. IgnacimuthuApplied Plant Biotechnology,	Tata McGraw Hill Publishing Co., New Delhi, pp.1-314. (Reprinted 2 times)	1996
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