CURRICULUM VITAE

1. Name : **Dr. S. PRABHU**
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   New street,
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9. Educational Qualification

Course	Institution	Affiliated University	Year of passing	Class obtained
B.Sc-Botany	A.V.V. M Sri Pushpam College (Autonomous)	Bharathidasan University, Trichy.	2010	I Class
M.Sc- Botany	A.V.V. M Sri Pushpam College (Autonomous)	Bharathidasan University, Trichy.	2012	I Class
M.Phil-Botany	A.V.V. M Sri Pushpam College (Autonomous)	Bharathidasan University, Trichy.	2013	I Class with distinction
Ph.D-Botany	A.V.V. M Sri Pushpam College (Autonomous)	Bharathidasan University, Trichy.	2018	Awarded

10. Field of specialization : Ethnobotany and Computational biology
11. Publications : 18 papers published in Science citation indexed peer reviewed Journals (Annexure – I) and 5 papers published in international journals
12. National conferences/seminars in which papers are presented : (Annexure – III)

13. SCI journals Cumulative Impact Factor : **41.547**

14. M.Phil Dissertation : Survey of ethnomedicinal plants from Theni forest with special reference to *gymnema sylvetre R.Br*

15. Ph.D Dissertation : Survey of Ethnomedicinal plants in Pachamalai hills, Eastern Ghats and Evaluation of Anti-diabetic potential of selected plants

16. Reference :

17**.** JRF under UGC Major Research Project

S. No.	Position	Title of the Project	Funding agency	Research period
1.	Junior Research Fellow **(JRF)**	Pharmacophoric analysis and discovery of new drugs from cyanobacteria.	UGC	2012-2014

Computational Tools Handled

1. Schrodinger suite **(Maestro Version 9.2 to 11.3)**
   (Molecular docking, MD simulations, Pharmacophore modelling, QSAR prediction, Protein-protein docking, etc.)
2. Hex
3. Clustal W,
4. Pass server
5. BLAST

Experimental Lab skill

1. Animal model, 2. Phytochemistry and 3. Antimicrobial activity

Award-(Reviewer award from the publishers of Elsevier)

S. No.	Journal Name	Year of Award
1.	Microbial Pathogenesis	2019

Annexure-I

Articles Published in Science Citation Indexed (SCI) / SCI Expanded International journals

S. No.	Bibliographic details	Publisher	Impact factor
1.	**Prabhu. S**., Vijayakumar. S. (2014). Antidiabetic, Hypolipoidemic and Histopathological analysis of *Gymnema sylvestre* R.Br leaves extract on streptozotocin induced diabetic rats. Biomedicine and Preventive nutrition 4, 425–430. IF 0.942	**Elsevier**	**1.694**
2.	J.E. Movin yabesh., **S. Prabhu**., S. Vijayakumar (2014). An ethnobotanical study of medicinal plants used by traditional healers in Silent valley of kerala, India. Journal of Ethnopharmacology. 154; 774-789.	**Elsevier**	**3.690**
3.	**Prabhu, S.,** Vijayakumar, S., MorvinYabesh, J.E., Ravichandran, K., Sakthivel., B. (2014). Documentation and quantitative analysis of the local knowledge on medicinal plants in Kalrayan hills of Villupuram district, Tamil Nadu, India. Journal of ethnopharmacology. 157, 7–20.	**Elsevier**	**3.690**
4.	Vijayakumar, S., MorvinYabesh, J.E., **Prabhu, S.** Manikandan, R., Muralidharan, B., 2015. Quantitative ethnomedicinal study of plants used in the Nelliyampathy hills of Kerala, India. Journal of Ethnopharmacology 161, 238–254.	**Elsevier**	**3.690**
5.	Vijayakumar, S., **Prabhu, S.,** MorvinYabesh, J.E., Pragashraj, R., 2015. A quantitative ethnozoological study of traditionally used animals in Pachamalai hills of Tamil Nadu, India. Journal of Ethnopharmacology 171, 51–63.	**Elsevier**	**3.690**
6.	Vijayakumar, S., MorvinYabesh, J.E., **Prabhu, S.,** Ayyanar, M., Damodaran, R., 2015. Ethnozoological study of animals used by traditional healers in Silent Valley of Kerala, India. Journal of Ethnopharmacology 162, 296–305.	**Elsevier**	**3.690**
7.	Parthiban, R., Vijayakumar, **S., Prabhu,** S., Morvin Yabesh, JE, 2015. Quantitative traditional knowledge of medicinal plants used to treat Livestock diseases from Kudavasal taluk of Thiruvarur district, Tamil Nadu, India. Brazilian journal of Pharmacognosy 26, (1); 109-121.	**Elsevier**	**1.059**
8.	Harikrishnan, J.P., Vijayakumar, S., **Prabhu,S.,** Manogar.P 2016. Quantitative ethnobotanical survey of traditional Siddha medical practitioners from Thiruvarur district with hepatoprotective potentials through insilico methods. Achievements in the Life Sciences 10, (1); 11–26.	**Elsevier**	**0.625**
9.	Vijayakumar,S., Manogar P., **Prabhu, S,** 2016. Potential therapeutic targets and the role of technology in developingnovel cannabinoid drugs from cyanobacteria. Biomedicine & Pharmacotherapy 362–371.	**Elsevier**	**3.743**
10.	Vijayakumar, S., **Prabhu, S.,** Rajalakhsmi, S., Manogar,P, 2016. Review on potential phytocompounds in drug development for Parkinson disease: A pharmacoinformatic approach. Informatics in Medicine Unlocked 5; 15-25.	**Elsevier**	**1.673**
11.	**Prabhu,** S. Vijayakumar, S., Manogar, P., Gaanty Pragas Maniam, Natanamurugaraj Govindan, 2017. Homology modelling and	**Elsevier**	**3.743**

	molecular docking studies on Type II diabetes complications reduced PPARγ receptor with various ligand molecules. Biomedicine & Pharmacotherapy 92 (2017) 528–535.		
12.	**Prabhu, S.,** Vijayakumar, S., Swaminathan, K., Manogar, P., 2017. Anti-diabetic activity of quercetin extracted from *Phyllanthus emblica* L. fruit: *In silico* and *in vivo* approaches. Journal of Pharmaceutical Analysis. https://doi.org/10.1016/j.jpha.2017.10.005	**Elsevier**	**1.324**
13.	Balamurugan, S., Vijayakumar, S. **Prabhu, S.,** J.E.Morvin Yabesh., 2017. Traditional plants used for the treatment of gynaecological disorders in Vedaranyam taluk, South India - An ethnomedicinal survey. Journal of Traditional and Complementary Medicine. https://doi.org/10.1016/j.jtcme.2017.06.009	**Elsevier**	**1.038**
14.	Vijayakumar, S., Manogar, P., **Prabhu, S.,** Sanjeev Kumar Singh., 2017. Novel ligand-based docking; molecular dynamic simulations; and absorption, distribution, metabolism and excretion approach to analyzing potential acetylcholinesterase inhibitors for Alzheimer's disease. Journal of Pharmaceutical Analysis. https://doi.org/10.1016/j.jpha.2017.07.006	**Elsevier**	**1.322**
15.	Vijayakumar, S., Ramesh, V., **Prabhu, S.,** Manogar, P., 2018. *In silico* prediction of monovalent and chimeric tetravalent vaccines for prevention and treatment of dengue fever. The Journal of Biomedical Research, https://doi.org/10.7555/JBR.31.20160109	**PubMed**	**1.312**
16.	S Vijayakumar, P Manogar, **S Prabhu,** M Pugazhenthi, PK Praseetha, 2019. A pharmacoinformatic approach on Cannabinoid receptor 2 (CB2) and different small molecules: Homology modelling, molecular docking, MD simulations, drug designing and ADME analysis. Computational Biology and Chemistry 78, 95-107	**Elsevier**	**1.331**
17.	Vijayakumars S., Sathiya, M., Arulmozhi, P., **Prabhu, S.,** Manogar, P, Vinothkannan, R., Parameswari, N., 2018. Molecular docking and ADME properties of bioactive molecules against human acid-beta-glucosidase enzyme, cause of Gaucher's disease. In Silico Pharmacology 6:3 1-11.	**Springer**	**2.521**
18.	S Vijayakumar, G Kasthuri, **S. Prabhu,** P Manogar, N Parameswari., Screening and identification of novel inhibitors against human 4-aminobutyrate-aminotransferase: A computational approach. Egyptian Journal of Basic and Applied Sciences 5 (3), 210-219	**Elsevier**	**1.712**
		Cumulative Impact Factor	**41.547**

Articles published in non impact factor international journals **Annexure-II**

1.	**Prabhu S,** Chandrasekar S and Vijayakumar S (2012). Anti-Inflammatory activity of *Morinda tinctoria* on Carrageenan induced paw edema. International journal of medicine and biosciences. 1(4): 55-60.
2.	Vijayakumar S, Chandrasekar S and **Prabhu S** (2013). Antibacterial activities of some medicinal plants from Western Ghats of India. Pelagia Research Library. 4(2): 3-8.
3.	Vijayakumar. S., **Prabhu. S** (2014). *Gymnema sylvestre*-A Key for Diabetes Management -A Review. Pharmacology & Toxicology Research.1 (1); 1-10.

4.	Vijayakumar. S, Chandrasekar. S and **Prabhu. S** (2013). Screening of ethnomedicinal plants for antibacterial activity. International journal of medicine and pharmaceutical sciences. 3(2): 11-20.
5.	**Prabhu, S.,** Vijayakumar, S 2016. Ethnobotanical Study of Traditionally Used Medicinal Plants in Malayali Ethnic People of Pachamalai Hills, Tamil Nadu, India. Journal of Pharmaceutical and Medicinal Research 39-42.

Annexure-III

a). List of National/International workshop

S. No	Title	Year	Sponsors	Workshop status
1.	Current affairs in Biological Research	2012	TNSCST-Chennai & NCSTC-**New Delhi**	National
	Lecture Workshop on 'Vistas in Biosciences'	2015	**DBT-STAR & DST-FIST** St. Joseph's College, **Trichy.**	National
3.	Recent trends in spirulina and cultivation method	2016	Selvam Arts and Technology-**Namakkal**	National
4.	Hands-On Training in Animal Cell Culture Techniques & Flow Cytometry	2017	**UGC Innovative Programme (PGDBPT)**, National College (Autonomous) **Trichy.**	National

b). List of National/International conference

S. No	Title	Year	Sponsors	Conference status
1.	Survey of ethnomedicinal plants from theni forest with special reference to *Gymnema sylvestre* R.Br	2013	Department of science and Technology- A.V.V.M Sri Pushpam College, Poondi, Thanjavur	National
2.	Leaf differentiation studies on *Gymanema sylvestre* plants from Easten Ghats and Western Ghats	2014	Indian Association for (IAAT) Angiosperm taxonomy and Trends in Plant systematic-**Bharathidasan University-Trichy**	International
3.	Survey of Ethnomedicinal plants from pachamalai ethnic people with screening of potential phytocompounds against Type II Diabetes through *in silico* methods	2015	University Grant Commission and Department of science and Technology-**Gorakhpur (UP)**	National

Citation report as on 08.07.2020 by Google scholars

Cited by

	All	Since 2015
Citations	383	374
h-index	11	11
i10-index	11	11