



Dr P.Praveena
Assistant Professor
P.G & Research Department of Microbiology
Mohamed Sathak College of Arts and Science
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Personal Profile Objective:

To be an efficient person capable of accepting challenging assignments in a dynamic and competitive environment and effectively conceptualize and coordinate in accomplishing designated goals.

Work History:

Organization /College	From	To	Designation
Mohamed Sathak College of Arts & Science	30-07-2017	till date	Assistant Professor
New Prince Shri Bhavani Arts & Science	7-8-2015	30-4-2016	Assistant Professor
Loyola Institute of Vocational Education, Loyola College	5-8-2008	12-05-2011	Lecturer

• Publications:

International Journals:

1. **Praveena P**, and Sudarsanam D, "***In vitro* Antimicrobial activity studies on *Enicostemma littorale* (Lam), Raynal, Whole plants**" , *International Journal of Current Research*, November, 2011 Vol, 3, Issue, 11, pp.123-124, ISSN: 0975-833X/ISSN:0975-833X, INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845.**

2. **Praveena P** and Sudarsanam D., “**Molecular Docking of Phytochemicals of *Enicostema littorale* in Reverse Transcriptase activity of HIV/AIDS**”, *International journal of Microbiology and Bioinformatics*, December, 2011, Vol.1, Issue, 2, pp.16– 21.
3. Karthik Saravanan, Dr. G. Veeraiyan, Dr.D.Sudarsanam and **P. Praveena**, “**Bioaccumulation of chromium in *Cirrhinusmrigala***”, *International Journal of Current Research*, April, 2012, Vol. 4, Issue, 04, pp.079-082, ISSN: 0975-833X ISSN: 0975-833X, INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
4. **Praveena, P.** and Dorairaj Sudarsanam, Amudha, “**FT-IR spectroscopic study of the medicinal plant *Enicostema littorale***”, *International Journal of Recent Scientific Research*, May, 2012, Vol. 3, Issue, 5, pp.382 -383, ISSN: 0976-3031, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
5. **P.Praveena**, Dr.D.Sudarsanam, “**Thin Layer Chromatographic Method for Quantification of Swertiamarin in Whole Plant Powder of *Enicostema littorale***”, *International Journal of Pharmacognosy and phytochemical Research*, 2012; 4(2); 64-68, Vol.4, Issue 2 (64-68) ISSN: 0975-4873.
6. Karthik Saravanan, Dr.G.Veeraiyan, Dr.D.Sudarsanam and **P.Praveena**, “**Impact of effluent chromium on Chromosomology of *Cirrhinusmrigala***”, *International Journal of Current Research*, Vol.4.Issue, 05, pp239-244.
7. Sekar, T., **Praveena, P.**, Dr. D.Sudarsanam and L. Helenmary, “**Molecular aspects & phylogenetic Profiles of the sequence informatics of mosquito species**”, *International Journal of Current Research*, May, 2013, Vol. Issue, 5, pp.1302-1306, ISSN: 0975-833X, ISSN: 0975-833X, INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
8. **Praveena P.**, Sekar, T. and Sudarsanam, D, “**Lead molecule inhibits reverse transcriptase activity of HIV/AIDS**”, *International Journal of Current Research*, May, 2013, Vol. 5, Issue, 5, pp.1298-1301, ISSN: 0975-833X, ISSN: 0975-833X, INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
9. **P.Praveena**, Dr.D.Sudarsanam, Karthik Saravanan, “**GC, GC/MS Characterization of the *Enicostema littorale*, World Journal of Pharmaceutical Research**”, 2014, Volume 3, Issue 5, Issue 5, 844-852, **ISSN 2277 – 7105**.
10. Ramesh K Garg, Sudarsanam D., Jennifer M Ambrose and **Praveena P**, “**Immunophenotypic Characterization of Bone marrow derived stem cells versus the side population cells**”, *International Journal of current research*, July 2014, vol 6, Issue 07, pp.7414-7417, ISSN: 0975-833X, ISSN: 0975-833X, INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
11. Jayakumar, Dr.D.Sudarsanam, **P.Praveena**, D.Joel Singh “**Evaluation of Triazophos induced Genotoxicity in a fish *Anabus***”, *International Journal of Current Research*, July, 2014, Vol.6, Issue, 07, PP.7719, ISSN: 0975-833X INDEX COPERNICUS VALUE: 6.24, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
12. Sudarsanam, D., Alex Mathew, J., Kousikka, M. M., Thulasi Bai, K., **Praveena P**, “**Insilico Analysis of Soya bean Allergens and their cross reactivity**”, *International Journal of Current Research* Vol. 6, September, 2014, Issue, 09, pp.8760-8764, September, 2014, **IMPACT FACTOR 3.845**.

13. Ramesh K Garg, D.Sudarsanam, Jennifer M Ambrose, **P.Praveena** “**Gene Expression Analysis of Of cardiomyocytes differentiated from Human bone-marrow derived mesenchymal stem cell**”, **International Journal of Current Research**, Vol. 6, October, 2014 , Issue, 10, pp.9410, Article History: Received 10th July, 2014. ISSN: 0975-833X, **IMPACT FACTOR** 3.845.
14. **P.Praveena**, Ashwini Dhamanage, Megha Pawar, **Dr.Smita Kulkarni (NARI)** and Dr.D.Sudarsanam, “**In vitro anti-HIV activity studies on Enicostemma littorale(LAM), RAYNAL.Whole plants**” **World Journal of Pharmaceutical Research**, volume 3, Issue 6, 1343-1351 ISSN 2277 -7105. SJIF Impact Factor 5.045.
15. **P.Praveena**, P. Agastian, D.Sudarsanam S.Ignacimuthu Jennifer Ambrose, “**Molecular Docking Studies of plants derivatives Isolated from plant sources target for chikungunya virus**” **Journal of Medicinal Chemistry and Drug Discovery**, Oct - Nov, 2014, Vol. 4, pp 70-77 ISSN: 2347-9027.
16. **Dr.P.Praveena**, Dr.D.Sudarsanam, Dr.Florida Tilton K, Lakshmi Priya, A.Jayakumar ,Ramesh K Garg, “**Anti-HIV Profile of Indigofera aspalathoides, Securinega leucopyrus, Alangium salvifolium**” , **WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES**, Vol 3, Issue 12, 2014 , Issue 12., 663-674., ISSN 2278 – 4357, SJIF **IMPACT FACTOR 2.786**.
17. **P.Praveena**, D.Sudarsanam, Jennifer M Ambrose, P.Jayaraman, Director, PARC(Plant Anatomy Research Centre), “**Phytochemical and Pharmacognostic Value of Phytochemical and Pharmacognostic Value of Enicostemma littorale**”, **International Journal of Pharmacognosy and Phytochemical Research** 2014-15; 6(4); 795-800, ISSN: 0975-4873, Impact actor: 1.341.
18. Jayakumar, D.Sudarsanam, Ramesh Garg, **P.Praveena** “**Evaluation of Triazophos Induced Histopathology and Recovery in a Fish Anabas testudineusa**”, **International Journal of Toxicological and Pharmacological Research** 2014; 6(4): 67-74, ISSN: 0975-5160, **IMPACT FACTOR: 1.241**.
19. D.Sudarsanam, **P.Praveena**, G.S.Vijayalakshmi, “**Toxicogenomic analysis of Aflatoxin b1, target cyp1a2 modelling and its inhibition studies using oltipraz and furafylline**”, **Journal of medicinal chemistry and drug discovery**, November-December, 2014, Vol. 5, pp 01-14 ISSN: 2347-9027.
20. **Dr P.Praveena**, Ulaganathan, Jennifer Ambrose, Jayanthi, Dr Chandrasekar, “**BRACA1 gene localization, structural analysis of breast cancer and its physico chemical characters**” **International Journal of Current Research**, Vol. 7, Issue, 05, pp.15927-15936, May, 2015, ISSN: 0975-833X.
21. Shanthi, **M.G.Ragunathan**, Lydia Charles, **Dr.P.Praveena**, Dr.D.Sudarsanam , Vimala Grace Rani, Divya Damodaran, “**Interaction of Cyperus rotundus compounds and curcumin with agents involved in Auto Immune beta cell destruction**”, **Research & Reviews: A Journal of Pharmacognosy** ISSN:2394-7276(Online), Vol 3, Issue-1 **STM Journals**.
22. R.Udhayakumar, Dr. Jayakumar.a, Dr.Sudarsanam.D, R.Balaji, Rebeccavinolia, **Dr P.Praveena** “**Culturing Methodology of Mesenchymal Stem cell isolated from human Wharton’s jelly**”, **International Journal of current research**, Vol. 9, Issue, 12, pp.63726-63728, December, 2017.

23. **Praveena P**, “*Target identification a screening BRACA1 Gene involved in breast cancer*”, *American Journal of Bio-pharmacology Biochemistry and Life Sciences [AJBBL]*, February 2018.
24. **Praveena P**, Amitava, Dr D.Sudarsanam, Jayanthi “*Molecular Modelling of Angiotensin Type 1 Receptor for Angiotensin Receptor BLockers*”, *International Journal of current research*, Vol. 10, Issue, 06, pp.69970-6997, June, 2018.
25. **Dr P. Praveena**, Abdul Jaleel, Jadheer Ahsan, Swagato Bhattacharjee, S. Mohana Priya, “*Isolation and Application of Exogenous Indole Acetic Acid (IAA) producing plant growth promoting Rhizobacteria (PGPR) from soil*”, *International Advanced Research in Science, Engineering and Technology*, Vol.8, Issue 10, October 2021, DOI:10.17148/IARJSET.2021.81007.

NATIONAL JOURNAL

1. **P.Praveena**, S.Ignacimuthu, “*In Silico Docking of Ligand 3-Hydroxy Methyl Xylitol with target protein ZnT-8 involved in type II diabetes*”, *Indian Journal of Biotechnology*, Vol 8, pp 453-455, October 2009 (PATENT APP.No.268/CHE/2007).
2. **Dr P. Praveena**, Dr Stanley Selva Kumar, “**COMPUTER ASSISTED INSTRUCTION FOR TEACHING BIOLOGY AT HIGHER SECONDARY SCHOOL AND ACADEMIC ACHIEVEMENT IN BIOLOGY**”, *Jijnasa, A Journal of the History and Ideas of Culture*, Vol 38: No.6(II), 2021, ISSN:0337-743X, UGC Care Approved, Peer Reviewed and Referred Journal.

REVIEW ARTICLE:

1. Jennifer M Ambrose, Sudarsanam D, Ramesh Garg, and **Praveena P** “*Normal mammary stem cells versus breast cancer stem cells*”: an overview, *International Journal of Recent Scientific Research Research*, Vol. 6, Issue, 3, pp.2972-2980, March 2015, ISSN: 0976-3031, SJIF SCIENTIFIC JOURNAL **IMPACT FACTOR: 3.845**.
2. Amitava Maitra, Dr.D. Sudarsanam, Dr S. Siddhartha Solosan, **Dr P. Praveena**, “*A Review on Evaluation of Pharma Profile of Lapahol of Tectona grandis*” *International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)*, |e-ISSN:2319-8753, P-ISSN:2320-6710|, ||volume 9, Issue 4 2020||, **IMPACT FACTOR:7.089|**

WORKSHOPS ATTENDED:

S.No	Workshop on	Held on	Venue
1.	Pre -Conference Workshop	12-02-2010	Cholayil Ayurvedic Health and Research Academy, Chennai.

S.No	Workshop on	Held on	Venue
2.	Lecture Workshop on “Frontiers and Innovations in Microbiology”	10-10-2018 To 11-10-2018	Mohamed Sathak college of arts & science, Chennai
3.	“Workshop on Mushroom cultivation and Biofertilizer Production”	28-08-2019	Mohamed Sathak college of arts & science, Chennai
4.	“Artificial Intelligence in Bioinformatics & Drug Discovery”	14-08-2019	Mohamed Sathak college of arts & science, Chennai, Wisecorner Labortories Pvt Ltd.
5.	Online Workshops titled “Electrophoresis’ & ‘Mammalian Cell Culture”	29-07-2021 to 30-07-2021	Women’s Christian College, Chennai

TRAINING PROGRAMME ATTENDED:

S.No	Training on	Held on	Venue
1.	Certificate Programme in Drug Discovery and Development	9-10-2007 To 13-10-2007	AU-KBC Research Centre, MIT campus of Anna University, Chennai
2.	One month Training Program on Stem cell & Regenerative Medicine.	8-06-2009 To 26-06-2009	Lifeline Institute of Regenerative Medicine & Loyola College, Chennai.
3.	DBT Sponsored Short Term Courses on “Application of Biotechnological Tools in crop improvement”	10-05-2013 To 30-05-2013	Loyola College, Department of Plant Biology and Biotechnology, Chennai
4.	Mendeley Training Course	23-07-2021	Elsevier

INTERNATIONAL CONFERENCES: PRESENTED POSTER:

S.No	Conference Name	Research Paper \ Title	Held on	Venue
1.	International conference on "The Key Role of Life sciences for sustainable development in the World"	"Phytochemical and Antioxidant property of Medicinal Plant"	30-08-2010 TO 31-08-2010	Hindustan College of Arts and Science, Chennai.
2.	International virtual E-poster competition on "Current Research Trends in Biological Science"	"Target Identification and Screening of BRCA1 Gene involved in Breast Cancer"	21-07-2021	Skill Pedia, United Kingdom.

NATIONAL CONFERENCES: PRESENTED PAPER:

S.No	Conference Name	Research Paper \ Title	Held on	Venue
1.	National Seminar on "Mosquito Biodiversity and Challenges in the control of Mosquito-Borne Diseases"	"Molecular Docking of potential target of Chikungunya Virus"	19-02-2007 To 20-02-2007	Loyola College, School of Entomology & Centre of Natural Resources Management (SECNARM), National Biodiversity Authority, Government of India, Chennai-600 041.
2.	National conference on Environmental Protection and Management	"Medicinal plant and their uses"	29-08-2011 To 30-08-2011	Loyola College, P.G & Research Department of Advanced Zoology & Biotechnology.
3.	National Conference on "Interdisciplinary Research and Innovations in Biosciences"	"Target Identification and Screening of BRCA1 Gene involved in Breast Cancer"	24-01-2018 to 25-01-2018	Mohamed Sathak college of arts & science, Chennai

CONFERENCES PARTICIPATED**INTERNATIONAL CONFERENCES:**

S.No	Conference Name	Held on	Venue
1.	International webinar on “Protein Translation with Polysome Profiling”	11-12-2021	Sri Akilandeshwari College of Arts and Science, Wand wash.
2.	International webinar on Industrial Innovations and Entrepreneurship Opportunities in Algal Biotechnology (IEA 2021)	26-07-2021 To 28-07-2021	Madras Christian College (Autonomous), Chennai.
3.			
4.			

NATIONAL CONFERENCES ATTENDED:

S. No	Conference Name	Held on	Venue
1.	National Conference on “Polycystic Kidney Disorder-The Silent Killer”	8-10-2009 To 9-10-2009	Women’s Christian College, Indian Council of Medical Research, Tamil nadu state council for science and Technology, Science City, Chennai.
2.	“Seminar on Biosciences and Biotechnology”	3-11-2010	Science City Chennai.
3.	National Conference on “Environment, Biodiversity and Bioethics-Current Trends and future perspectives 2012”	23-05-2012 to 24-05-2012	Annamai University, Chidambaram
4.	Seminar on “Emerging trends in Eco microbes 2016”	20-02-2016	New Prince Shri Bhavani Arts and Science.
5.	National Conference on “Environmental and Green Energy Conservation for sustainable Development”	21-08-2019	Hindustan College of Arts and Science, Chennai.

S. No	Conference Name	Held on	Venue
6.	National seminar on “Emergence of COVID-19 from Biological Sciences Perspectives”	19.05-2021	Mohamed Sathak college of arts & science, Chennai
7.	One day Seminar “Intellectual Property Rights	18.12.2021	Mohamed Sathak college of arts & science, Chennai
8.	National Webinar “Effective Online Teaching and Learning Strategies and Ethics”	15-06-2021	Nazareth College of Education for Women
9.	International Mental Health Webinar Series 2020-2021, Webinar on Managing Emotional Traffic Jams	15-11-2021	Redpond Educational and Psychological Research Centre, Madurai, Tamil Nadu, India
10.	How to publish in high-impact peer reviewed journals?	22-05-2021	Pachaiyappa’s College, Chennai.
11.	National Conference on Nucleic Acid & Technology	13-08-2021	CSIR Institute of Minerals & Materials Technology, Bhubaneswar 751013, Odisha.
12.	National Intellectual Property Awareness Mission	18-03-2022	Intellectual Property India.

STATE LEVEL CONFERENCES AND FDP ATTENDED:

S.No	Conference Name	Held on	Venue
1.	State Level Symposium on “Current trends in Microbial Technology.	21-02-2007	Hindustan College of Arts and Science, Chennai.

SEMINARS /WORKSHOP ORGANIZED

S.no	Conference /Seminar Organized	From	To	Venue
1	“Science Academies lecture workshop” by Indian National Science Academy (INSA)	09/09/2018	10/09/2019	Mohamed Sathak College of Arts & Science, Chennai

2	“Workshop on Mushroom Cultivation and Biofertilizer Production”	28-082019		Mohamed Sathak College of Arts & Science, Chennai
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Educational Qualifications

- Ph.D.* (Microbiology) – June 2012, Loyola College-University of Madras, Chennai, Tamil Nadu, India.

***Research Topic: -“ANTI HIV Activity of *Enicostemma littorale*: A PHYTOCHEMICAL, PHARMACOGNOSTIC BIOINFORMATICS PURSUIT”.**

- M.Sc (Botany)-April 2013, Annamalai University, Chidambaram, Tamil Nadu, India.
- B.Ed., (Biological Science), May 2014, Dr M.G.R Educational Research Institute, Madhuravoyal, Chennai.
- M.Ed., (Education), July 2021, Our Lady College of Education, Madhuravoyal, Chennai.
- M.Phil. (Biotechnology) –March 2006, Bharathidasan University, Tamil Nadu, India.
- M.Sc. (Microbiology)- April 2005, Hindustan College of Arts & Science, Chennai.
- B.Sc. (Botany) - March 2001-, Women’s Christian College for Women, Chennai.

Additional Achievements

- Received “*WORLD TEACHER AWARD 2021*”, Educational and Psychological Research Centre Madurai, Tamil Nadu, India & UK.
- Editorial member of INTERNATIONAL JOURNAL OF INFORMATION RESEARCH AND REVIEW (IJIRR).
- Member of Global Professor Association Forum.

Personal Profile

Date of Birth : 21.12.1978

Nationality : Indian

Marital Status :: Married

Spouse Name : K.N.R Lakshmi Narayanan

Father’s name : V.Paramasivam

Permanent Address : 31, Tellus Avenue Phase-II Dr Abdulkalam Road 2nd Cross Street,
Rajakilpakkam

Present Postal Address : .Chennai -600073.

Declarations

I declare that the above information furnished by me is true to the best of my knowledge.

Dr. P.Praveena