

Dr.J.DINESHBABU, M.Sc., Ph.D.,

Assistant professor

Department of Biotechnology

Sri Ramakrishna college of Arts and Science

Nava India

Coimbatore - 641 006

Mobile : +91-8973618941, +91 - 8610058699

Email : dineshbabu.jksp@gmail.com.



CAREER OBJECTIVE

I am looking forward for a rewarding career oriented to my current course of study, with work environment requiring knowledge in life sciences, and to utilize the best of my knowledge and skills for the betterment of both the organization and myself.

ABOUT ME

- Detail oriented, efficient and organized professional and effective at multitasking with experience in marketing, management, teaching, laboratory assistance and research.
- Highly motivated with strong time management, communication, and problem solving skills.
- Effective team player and can work independently; capable of maintaining exceptional rate of productivity, accuracy and efficiency through personal motivation, leadership and team work.
- Ability to learn new tasks quickly and adapt easily to new work groups.
- Excellent research, development and analytical skills; literature survey, design of experiments, laboratory work, experimental sample collection, lab analytical procedures.
- Proficient in MS Word, Excel, Power Point, email and internet browsers.

EDUCATIONAL QUALIFICATION

Ph.D. Biotechnology	2017	Karpagam Academy of Higher Education, Coimbatore, India	Highly commended
M.Sc. Biotechnology	2010	PGP College of Arts and Science, Namakkal, India	73%
B.Sc. Plant Biotechnology	2009	Government Arts college, Coimbatore, India	64%
XII – State Board	2006	S.M.Hr.Sec.School, Tamil Nadu	69%
X – State Board	2004	S.M.Hr.Sec.School, Tamil Nadu	79%

PROJECT

- ❖ **M.Sc** - Chemoinformatics tools based on lead optimization for fungicidal activity of few 1,2, 4 –Triazoles.
- ❖ **Ph.D.**, - Anti-Biofilm activity of Combination plant extracts against Upper Respiratory Tract Pathogens.

PATENT

- ❖ Methanol Extracts Solution and Herbal Mixture of selected Indian Medicinal Plants For Treatment of Pharyngitis Caused. <http://ipindiaservices.gov.in/publicsearch/>. Dr. D. Teepica Priya Darsini D, Srinivasan P, Manimekalai K, **Dineshbabu J.**

GENE SEQUENCE SUBMISSION

- ❖ *Streptococcus pyogenes* strain SP-1 16S ribosomal RNA gene, partial sequence and received accession number **KU754289**.
- ❖ *Streptococcus pyogenes* strain SP-2 16S ribosomal RNA gene, partial sequence and received accession number **KX230062**.

PROFESSIONAL EXPERIENCE

2017-2018: Assistant Professor

- ❖ Department of Biotechnology, **Karpagam Academy of Higher Education**, Coimbatore, India.
- ❖ Taught Biochemistry, Pharmaceutical biotechnology, Instrumentation methods analysis, Pathology & Microbiology and Microbiology practical course for undergraduate and post graduate students.

2018-current: Assistant Professor

- ❖ Department of Biotechnology, **Sri Ramakrishna college of Arts and Science**, Coimbatore, India.
- ❖ Taught Plant Biotechnology, Cell biology and Genetics theory and Cell biology and Genetics, Plant and Animal Biotechnology practical course for undergraduate and post graduate students.

TRAINING, WORKSHOPS AND CONFERENCES

- ❖ “**PCR ARRAY**” participated in a special Lecture held at PGP college of Arts and science, Namakkal on March 5, 2012.
- ❖ Science Academies Lecture workshop on Biological Science: **Research Prospects and Applications** held on 25th and 26th September, 2014.
- ❖ 6th Annual Research Congress KUARC-2014 December 5-6 - 2014. Entitled “**Antibacterial Activity of *Gymnema Sylvestre* Plant extracts against *Streptococcus pyogenes***”.
- ❖ Paper presented in 2014 Biogalaxia National Level symposium on Phenomenal science held on 17.10.2014 Entitled “**Antibiofilm Activity of Indian Medicinal plants against *streptococcus Pyogenes***” Isolated from Pharyngitis patients.
- ❖ **National Conference on Biotechnology in Human Welfare** March 20th to 21th 2014 Organized by Department of Biotechnology & Industrial biotechnology Karpagam University Coimbatore-641 021.
- ❖ “**Workshop on X-Ray Crystallography and its Applications (WXRCA-2014)**”. Sponsored by UGC- XII plan. Organized by the Department of chemistry. Bharathiar University, Coimbatore-641046.

- ❖ Participated in 2015 **Biogalaxia National Level symposium on phenomenal science** Held on 17.03.2015, Organized by the Department of Biotechnology, Bharathiar University, Coimbatore-641046.
- ❖ Participated in the In-house workshop on “**MUSHROOM CULTIVATION**” Organized by Department of Microbiology, on 7th October, 2015. Karpagam Academy of Higher Education, Coimbatore, Tamilnadu – 641 021.
- ❖ Participated in the three days’ Workshop on “**BIOINFORMATICS - 2015, Training on Bio- Tools and software held during December 9 - 11**” Organized by Department of Biotechnology SAFI Institute of Advanced Study, Vazhayoor, Malapuram, Kerala - 33.
- ❖ Participated in the two days’ Workshop on “**Phyto – Pharmaceuticals – Traditional to Recent Advancements**” Organized by Department of Biotechnology on 17th and 18th December 2015.
- ❖ 7th Annual Research Congress KAHEARC-2015 December 26-27 - 2014. Entitled “**Synergistic Anti-Biofilm Activity of Medicinal Plants against Biofilm Forming *Streptococcus pyogenes* from Pharyngitis Patients**”.
- ❖ Participated in the one day “**Hands - On Training on Cytomorphometric Techniques And Rapid Diagnoses - II, held during March 9** ” Organized by Department of Biotechnology and Microbiology, Karpagam Academy of Higher Education- 21.

PUBLICATION

- ❖ **2014** - Growth efficacy and Feed utilization of fresh water Fishes *Cirrhinus mrigala* (Ham.) and *Cyprinus carpio* L. fed with *Limonia acidissima* L. Deivamarudachalam Teepica Priya Darsini, Vellingiri Maheshu, Ponnuraj Srinivasan, **Jaganathan Dinesh Babu**, J Castro and Jagathala Mahalingam, Sasikumar. Research Journal of Recent Sciences. Vol. 3 (ISC-2013), 127-131. In-Google Scholar.
- ❖ **2015**- Use of traditional medicinal plants against the Biofilm Forming *streptococcus pyogenes* isolated From upper respiratory tract. **J. Dineshbabu**, P. Srinivasan, K. Manimekalai, G. Guna and D. Teepica Priya Darsini. International Journal of Pharma and Bio Sciences ; 6(2): (B) 464 – 479, I.F – 5.2, In-Elsevier.

- ❖ **2015** - In vitro antibiofilm Activity of *Piper longum* and *Piper nigrum* against clinical isolates of *Streptococcus pyogenes* Isolated from pharyngitis patients. Deivamarudachalam Teepica PriyaDarsini, PonnurajSrinivasan,Gunasakaranguna,Kanagarajanmanimekali, **Jaganathan Dineshbabu**. International Research Journal of Pharmacy 6(2):122-132. **I.F –0.75. In-Elsevier.**
- ❖ **2015** - *Limonia acidissima* L (Wood Apple) as feed additive enhanced Growth performance, Immune response and Disease resistance of indian major carp, *Catla Catla* (Ham) Against *aeromonas hydrophila* infection. Ponnuraj Srinivasan, Deivamarudachalam Teepica Priya Darsinin,Vellingiri Mahesu, J Castro, **JaganathanDineshbabu**, Kanagarajanmanimekali, International Research Journal of Pharmacy : 6 (2):143-152.**I.F – 0.75. In- Elsevier.**
- ❖ **2015**- Expressionanalysis of IL-10 and IFN- γ genes in head kidney of *Catla catla* (Ham.) fed with *Limonia acidissima* L. Srinivasan Ponnuraj, Manimekalai Kanagarajan, **Dineshbabu Jaganathan**, Teepica Priya Darsini Deivamarudachalam. International Journal of Fisheries and Aquatic Studies 2(4):218-223.**I.F– 0.54. In-Copernicus.**
- ❖ **2015** - Spectroscopic analysis and antibacterial efficacy of bioactive compounds from *limonia acidissima* l. Fruit extract against clinical pathogens.Srinivasan Ponnuraj, **Dineshbabu Jaganathan**, Manimekalai Kanagarajan, Teepica Priya Darsini Deivamarudachalam. International Journal of Pharmacy and Pharmaceutical sciences 7(3): 1-7.**I.F– 0.75. In-Elsevier.**
- ❖ **2015** - Synergistic Anti-Biofilm Activity of Medicinal Plantsagainst Biofilm Forming *Streptococcus pyogenes* from Pharyngitis Patients. **J.Dineshbabu**,D. Teepica Priya Darsini, Indo American Journal of Pharmaceutical Research 5:(07):158- 166. **I.F– 2.37. In – Scopemed.**
- ❖ **2015** - Influence of *Limonia acidissima* L. against the biofilm forming *Aeromonas hydrophila* isolated from fresh water fishes.Srinivasan Ponnuraj, **Dineshbabu Jaganathan**, Manimekalai Kanagarajan, Castro J, Teepica Priya Darsini Deivamarudachalam. Journal of Biochemical Technology 6(1): 910-921.**I.F – 0.94. In - Scirus.**
- ❖ **2016** - “*Invitro*antibiofilm activity of *Gymnema sylvestre*extract against biofilm forming Streptococcus pyogenes from upper respiratory tract”. **Dineshbabu J**, Srinivasan P, Manimekalai K, Teepica Priya Darsini D, 2016. Asian Journal of Pharmaceutical and clinical research.9(5):2016.**IF - 0.74.In – Scopus.**

- ❖ **2016** -“Synergistic effect of ethno medicinal plants against biofilm forming *Streptococcus pyogenes* isolated from upper respiratory tract infection.” Manimekalai Kanagarajan, Teepica Priya Darsini Deivamarudachalam, Srinivasan Ponnuraj, **Dineshbabu Jaganathan**. International Journal of Phyto Medicine. **IF=1.06, In- Elsevier**.
- ❖ **2016** -“Antibiofilm efficacy of *Plectranthus amboinicus* against *Streptococcus pyogenes* isolated from pharyngitis patients”. Manimekalai K, Srinivasan P, **Dineshbabu J**, Guna G, Teepica Priya Darsini D 9 : (4)2016, Asian Journal of Pharmaceutical and clinical research. **IF - 0.74. In- Scopus**.

PERSONAL PROFILE

Name : **Dr. J. DINESHBABU, M.Sc., Ph.D.**

Qualification : Ph.D., Biotechnology

Linguistic ability : Tamil, English.

Address : 1/110, Ponkurechi, Melkalpalayam (po),
Rasipuram (tk), Namakkal (dt) – 637403.

Nationality : Indian

Marital Status : Single

Mobile : +91-8973618941, +91 - 8610058699,

Email : dineshbabu.jksp@gmail.com

Date of Birth : 25-05-1989

REFERENCE

Dr. Selvakumar, Ph.D.,
Assistant Professor,
Department of Biotechnology
Karpagam Academy of Higher Education,
Coimbatore – 641 021,
Mobile – +91 9626949380

Dr.T. Sivaraman, PDF
Professor,
Department of Biotechnology,
Karpagam Academy of Higher Education,
Coimbatore – 641 021,
Mobile - +91 9677485748,
Mail - eazhilarasen@yahoo.com.

DECLARATION

I hereby declare that all the information provided by me here are true and best to my knowledge and conscious.

Place:

Date:

J.DINESHBABU