

RESUME

P. NISHANTH

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Padikasuvaithanpatti
Srivilliputtur Taluk - 626 125
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Tamil Nadu.

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Objective

To work with an organization that provides me opportunities to work, grow and exploit my potentials and to excel in the area of my purview, so as to help the organization in the accomplishment of its goals.

Strengths

Good communication skills, Adaptability to cross cultural environment, Diplomatic, Personal management with assertiveness and initiative, Interpersonal skills. Work with Minimum Supervision and Take criticisms positively. Ability to handle work pressure. Capable of acquainting with any clients and meeting their technical needs, to their level of Satisfaction.

Educational Background

S.No	Qualification	School/Institute	Percentage of Marks	Year of Passing
1	M.Sc Biotechnology	Ayya Nadar Janaki Ammal College, Sivakasi	81.9	April-2021
2	B.Sc Biotechnology	Ayya nadar Janaki ammal College, Sivakasi	67%	April-2019
3	HSC	V.N.U.P.Kaleeswari Hr.Sec.School,Vanniyampatti	74.5%	April-2015
4	SSLC	V.N.U.P.Kaleeswari Hr.Sec.School,Vanniyampatti	87.6%	April-2013

Area of Interest

- Bioinformatics
- Computer Aided Drug Designing
- Plant Molecular Research
- Genetic engineering and rDNA technology

Techniques known to work with

Molecular biological techniques

- SDS-PAGE
- AGE
- Protein Separation and Purification
- DNA, RNA and Plasmid Isolation
- PCR and RT-PCR
- Green synthesis of Nanoparticles

Biochemical Techniques

- Chromatography (Gel filtration, Paper, Thin layer) techniques
- Buffer Preparation
- Phytochemical analysis of Plant samples
- Handling UV Spectrophotometer and Colorimeter.

Softwares known to work with

- MS Office basics
- Adobe photoshop
- Coreldraw
- Python
- Molecular Docking and Drug Designing Tools- PyMol, AutoDock, Discovery studio, iGemdock, Hex, LigPlot and Chimera and

Docking Algorithm calculation.

Microbiological Techniques

- Staining Techniques
- Pure Culture Isolation
- MBRT Test
- Covid-19 Test (Rapid and RT-PCR)
- All kind of Media Preparation

Research works

- Have completed a research project on **DRUG DESIGN FOR COVID-19 BY ANTIVIRAL PEPTIDES IN ANIMAL VENOMS.**
- Have completed minor research project on **DOCKING OF BIOACTIVE COMPOUNDS DERIVED FROM *Leucas aespere* AGAINST DENGUE NS2B/NS3 PROTEASE (2FOM).**

Publications

- Published an Article named **GLOW IN DARK-FLUORESCENT PLANTS** in Compendium of Research Insights of Life Science Students (ISBN: 978-81-947154-5-0). Sector-Biotechnology, Volume-2, Year-2020, Chapter-161.

Other Courses

- CERTIFICATE COURSE IN **BIOINFORMATICS (76.5%).**
- COMPLETED **INFORMATION TECHNOLOGY AS A SUBJECT (80.5%).**
- Completed online course on **SPSS Basics** with “O” Grade.

Presentations

- Presented a Paper (Oral) entitled **“An approach to attain high concentration rate by identifying the heat period through the pheromonal compounds in the urine of Malaimadu, Bos indicus”** in the National Seminar on **“Recent Advancements in the field of Bioenergy and Bioproducts (RABB-17)”**
- Presented a Paper (E-Poster) on **“Covid19 drug design from antiviral peptide of Animal venoms”** in the National Seminar on **“Emerging trends in Microbiological Research-2021”**.

Extracurricular activities

- Participated as Volunteer in **“Gift of Vision”** Rural outreach eye care programme by Sankara Eye Hospital
- Participated in the **“Eye Donation Awareness”** Camp by Lions Club of Sivakasi
- Participated in **“TURN COAT”** Competition in the intercollegiate meet (BIO-UTSAV'19) organized by Department of Biotechnology, Lady Doak College, Madurai.
- Participated and **Won the First Prize in Lights Camera Action (Shortfilm)** competition held in MICROFIESTA.20 organized by Department of Microbiology, The American College, Madurai.
- Visited **Labland Biotech private limited plant tissue culture & Biofuel Division**, Mysore.
- One of my Shortfilm **“Polladha boomi”** has participated and officially selected in Kalakari International Film festival.

References

Dr. M.K. RAJAN, M.Sc., M.Phil., Ph.D.

Head,

Post Graduate Department of Biotechnology,
Ayya Nadar Janaki Ammal College (Autonomous),
Sivakasi, Tamilnadu, India– 626 124.
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Dr. J. PANDIARAJAN, M.Sc., Ph.D.

Assistant Professor,

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Ayya Nadar Janaki Ammal College (Autonomous),
Sivakasi, Tamilnadu, India – 626 124
Mobile Number: +91 8610105170
Email: pandiarajan@anjanonline.org

Languages Known

	<i>Read</i>	<i>Write</i>	<i>Speak</i>
<i>English</i>	<i>ok</i>	<i>ok</i>	<i>Ok</i>
<i>Tamil</i>	<i>ok</i>	<i>Ok</i>	<i>Ok</i>
<i>Telugu</i>	<i>-----</i>	<i>-----</i>	<i>Ok</i>

Personal Details

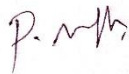
Name : **P.NISHANTH**
Father's Name : **R.PITCHAM**
Age : **22Years**
Gender : **Male**
Nationality : **Indian**
Marital Status : **Unmarried**

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Place: Srivilliputhur

Date:


(P. NISHANTH)