

CURRICULAM VITAE

K. Yamuna, M.Sc.,M.Phil.,(Biotechnology),

E-mail:-infoyamu@gmail.com

Contact number:9976378992

Address:

W/O P.Raju12/19 Old Kariyampalayam, Konnaiyar village, Elachipalayam(PO)
Namakkal (Dt)-637205.

PROFESSIONAL OBJECTIVE:

My objective is to obtain a job where my talents can be utilized; where I can acquire new skills and where I can devote myself to realize the vision of the organization by living up to expectation of my superiors.

PERSONAL PROFILE:

Name : K.Yamuna
Name of Husband : P.Raju
Date of Birth : 01.05.1991
Sex : Female
Marital Status : Married
Nationality : Indian
Religion : Hindu
Languages Known : Tamil & English

ACADEMIC PROFILE:

Degree	Course	Broad University	Institution	Year	Percentage
M.Phil	Biotechnology	Periyar University, Salem.	Vivekananda College Of Arts&Sciences For Women, Elayampalayam, Tiruchengode.	2013-2014	84%
M.Sc	Bioinformatics	Bharathiar University	Bharathiar University	2011-13	78%

B.Sc	Bioinformatics	Periyar University, Salem.	Vivekanandha College Of Arts&Sciences For Women, Elayampalayam, Tiruchengode.	2008-2011	73%
H.S.L.C	Biology	State Board	Vidhyaavikas girls Hr.sec.School	APRIL 2008	77%
S.S.L.C		State Board	Govt Hr.sec.School	APRIL 2006	72%

SKILLS IN WET LAB TECHNIQUES

- General laboratory techniques (Biotechnology, Biochemistry, Microbiology)
- Isolation techniques (bacteria, fungi) from soil
- Estimate the qualitative and quantitative analysis of injection preparation.

SKILLS IN WET LAB TECHNIQUES

- Basic sequence analysis techniques (protein and nucleotides).
- Basic skills in major bioinformatics databases (NCBI, EMBL, DDBJ, PDB, GENSCAN, GENMARK, ONCOMINE etc).
- Knowledge in cytoscape 2.8.3, GENE mania, MEGA5, AUTODOCK, CLUSTALW, CHEM SKETCH, SPDBV software's.

COMPUTER SKILLS

- Basic Computer Skills.
- Operating systems: windows 7, windows XP

PROJECTS:

- I have done by summer project at SPM drugs pvt.ltd under the guidance of Mr. S. Saravanakumar. Bhavani.
- Done my M.Sc project on Insilco Gene Expression Analysis and Gene Network construction of Breast Adenocarcinoma under the guidance of Dr.N.Jeyakumar.M.sc., Ph.D., at the department of Bioinformatics, Bharathiar University, Coimbatore.
- Done my M.Phil project on biodegradation of catechol and uv mutational analysis of catechol degrading bacteria and its homology modeling, comparative molecular docking studies of catechol 2, 3 dioxygenase from pseudomonas *aeruginosa* under the guidance of Dr. L. R. GOPINATH, M. Sc., Ph. D. at the department of biotechnology ,vivekanandha college of arts and sciences for women(Autonomous) Elayampalayam, Namakkal.

WORKING EXPERIENCE

- 05 June 2018 to till date: Currently serving as an Assistant Professor in the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode, Namakkal district, Tamilnadu.

- 14 May 2015 – 5 May 2018: Served as *PG Assistant* in Shri Vidhyabharathi metric higher secondary school, Sakkarampalayam.Tiruchengode

FIELD OF INTEREST

- Bioinstrumentation and Bioinformatics
- Cell and molecular Biology
- Environmental Biotechnology

PARTICIPATION AND PAPER PRESENTATIONS

National seminar, conference and workshops	11
International seminar, conference and workshops	4
FDP	4

MEMBER OF ORGANISING COMMITTEE FOR SEMINAR & CONFERENCES

National 02
International 02

PUBLICATIONS (Published–3 and submitted–1)

Book chapter publications:

- “The Application of Medicinal Plants in Traditional and Modern Medicine: A Review of Terminalia chebula” Therapeutic Plants: Recent Advances in the Use of Herbs as Alternative Medications, Bentham Book Publishers.(Accepted)
- Kowshiga .R,Yamuna K,TulasiRamakrishnan K. Control of Bacterial Contamination in fresh juices through Natural Preservative Punica Granatum. Biotechnological effective approach in science and technology. Iterative International Publishers volume 1(2022), ISBN :978-81-960632-2-1.
- Deepica C, Devendiran M,Yamuna K. Anti-Itching activity of AG nanoparticles Fabric coated Inner Wears and its Spectral Characterization from *Allium Sativum*.Biotechnological effective approach in science and technology. Iterative International Publishers volume 1(2022), ISBN :978-81-960632-2-1.

ACTIVITIES/HONOURS/ACHIEVEMENTS

- Memberin IQAC cell
- Co-Ordinator,NAACCell,Department of Biotechnology,KSRCAS.
- FUND Received :01(TNSCST)

- NPTEL Course :01 Air pollution and Control
- Coursera: 01 Anatomy :Gastrointestinal, Reproduction and Endocrine system

*** FUNDED PROJECT WORKS**

I had guided and Completed **TNSCST** project work entitled on Anti itching activity of Silver nanoparticles fabric coated innerwears and its spectral characterization from *Allium sativum* under student project scheme, during the academic year of 2018-2019.

DECLARATION

I hereby declare that the details furnished above are true and correct to the best my knowledge and belief.

With regards

A handwritten signature in black ink, appearing to read 'K. Yamuna', written in a cursive style with a large loop.

(K.Yamuna)