CURRICULUM VITAE

B. JANAKI
5, Mahalakshmi Garden, Phase 5,
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CAREER OBJECTIVE

To work in a position that offers more challenges, has scope for advancement and to exploit my knowledge for betterment of the organization.

SUMMARY

- 11 Years of teaching experience as PGT Chemistry in CBSE curriculum-based schools.
- 2.5 years of experience in the R&D department of a leading pharmaceutical company; worked as a Research Executive and performed several critical reactions.
- Energetic and self-motivated Team Player; Proven ability to work in both independent and team environment.
- Exceptional communication, interpersonal, intuitive and technical skills.

ACADEMIC QUALIFICATION

Course	Institution	University / Board	Percentage
B.Ed., (Physical Science)	Mohamed Sathak Teacher Training College, Chennai	T.N. Teachers Education University	72%
M. Phil., (Chemistry)	Bharathiar University, Coimbatore	Bharathiar University, Coimbatore.	63.3% **(University Topper)**
M. Sc., (Chemistry)	V.O.C. College of Arts & Science, Tuticorin	Manonmaniam Sundaranar University, Tirunelveli.	75.3% **(University Gold Medalist)**
B.Sc., (Chemistry)	St. Mary's College, Tuticorin	Manonmaniam Sundaranar University, Tirunelveli.	85.8%

PROFESSIONAL EXPERIENCE

- Working as a ***'PGT Chemistry'*** in **The NGP School, Coimbatore** from April 2022.
- Worked as a ***'PGT Chemistry'*** in **The Camford International School, Coimbatore** from May 2019 to March 2022
- Worked as a ***'PGT Chemistry'*** in **Arsha Vidya Mandir, Chennai** from June 2018 to April 2019.
- Worked as ***'PGT Chemistry'*** in **St. John's Public School, Chennai** from June 2015 to April 2018.

- Worked as ***'Research Executive'*** in **Orchid Research Laboratories, Chennai** from May 2007 to December 2009.

  Skills and Competencies:

  - Proven track record on handling Chemistry for classes XI and XII based on CBSE curriculum
  - Motivated students and proved their capability by taking them to Regional level of Science Expo
  - Trained students for Science Expo at school and Inter school level for 3 years
  - Presented "Colloids" for ACT DigiGuru contest representing the school
  - Trained senior secondary students for their board examinations during the master graduation course

  R&D Experience:

  - Performed cross coupling reactions using Palladium (II) Acetate
  - Elucidate the structure and purity of an unknown compound using NMR, Mass, IR Spectra and HPLC
  - Performed crystallization to get an extra pure compound
  - Purified compounds using CC, TLC, Flash, and Crystallization techniques

  Presentation:

  - Presented a paper on **NF-KB and its mechanism in Inflammation diseases**

GRADUATION RESEARCH

- Kinetics of QDC Versus Mandelic acid and temperature effect of Lactic acid
  - Found to be First order reaction with QDC and Mandelic acid
  - Rate of the reaction got increases in Lactic acid with the rise in temperature
- Determination of Acidity and Alkalinity in Coastal soils.
  - A comparative study of nine different soils with Volumetric titration using standard EDTA and H_2SO_4

PERSONAL PROFILE

Name	:	B. JANAKI
Date of Birth	:	06.10.1985
Marital Status	:	Married
Languages Known	:	Tamil, English, Hindi and Sanskrit
Nationality	:	Indian

DECLERATION

I hereby declare that the information furnished above true to the best of my knowledge.

Place:

Date: **B. JANAKI**