



## D. Jayakumar

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Head-Lab operations (Sr. General Manager)  
Gujarat tea processors and packers, Ahmedabad, Gujarat  
*Post-Graduation (Plant Science)/ Consistent researcher with strong experience in Tea & Spices*

### PROFILE

April 2014 to present

- Dynamic Scientist with in-depth Product knowledge in Tea & Spices & over 22 years of experience in analysis of Tea Spices, Coffee, Dairy whitener, Instant tea, Tea premixes and etc.
- Proven capabilities in nutritional experiments & pesticides experiments & Method validation
- Ability & positive attitude in Reverse Engineering of Competitor Products
- Exceptional relations building skills with other functions like sales & marketing.
- Keen planner, leader and a team manager having innate ability to cultivate team spirit.
- Hard core negotiator with well-developed analytical and problem-solving skills.
- Excellent written and verbal communication skills.

### KEY STRENGTH AREAS

NABL (ISO-17025)	Method Development	Method Validation
HPLC, GC, HPTLC	AAS, UV-Vis, IR	Interpreting LCMS-MS, GCMS-MS
Customer complaints-CCIR	Making SOP	Product Development
Framing Raw material & Finished product Specification		Uncertainty Measurement
QA & QC	Budgeting	Recruitment & Training
Team Building	Technical/Quality Manager	Strong Interpersonal Skills
Accelerated Shelf-life study	Vendor Audit	BIS & ISO regulation

### PROFESSIONAL EXPERIENCE

Indian Products Limited (Jayanti Group)

September 2002 to March 2014

One of the Leading exporter of Spices and pioneer in Decaffeinated tea from India.

### Chemist to Deputy General Manager

#### Major Responsibilities

- Ensuring the quality of Incoming raw materials meant for processing.
  - In-process Quality control in floor to check the processed materials are in compliance with the specifications.
  - Container inspection/verification of process change over cleaning.
  - Preparing & issuing blend ratios to production based on customer requirements.
  - Vendor/supplier audit – periodic inspection/audit of raw material and packaging material supplier.
  - Conduction real time shelf-life study for regular and sterilized products.
  - Guiding procurement team in backward integration of spices for better quality.
  - Internal auditor for BRC/HACCP
  - Pivotal role in development of:
    - Rapid method for Curcumin, Piperine and Capsaicin
    - Technologies for identification and removal of Aflatoxin Producing Mold in chilly
  - Secured excellent Z-score rating in ASTA and FAPAS Proficiency Testing
  - Recognized for standardizing the Antioxidants Test Method for tea in an effective way
- Successfully managed product diversifications process for Tea Wine, Decaffeinated Tea, Tea Premix and Herbal tea

#### Achievements

1. Accreditation of Laboratory by ISO-17025 (NABL)
2. Identification of Aspergillus infested chilly pods responsible for Aflatoxin and training of workers to remove the same.
3. Database creation for different origin spices for their characteristic features.

**UPASI TEA RESEARCH FOUNDATION, ANAMALLAIS****November 1997 TO August 2002**

More than 80 years old Institute formed by British, known for its dedicated &amp; well cultured research works.

**Technical Assistant in Plant physiology & Biochemistry department****Major Responsibilities**

- Responsible for conducting field trials for evaluation the efficacy of Plant growth regulators.
- Responsible for the Tests conducted in department and management of instrumentation lab.
- Responsible for accreditation works by NABL
- Responsible for Carrying our Translocation studies using C<sup>14</sup> radio isotope.
- Responsible for introducing new tests

**Achievements**

- Method development for Theaflavins in Tea by HPLC.
- Developed method for profiling Amino acids in tea by HPLC.
- Bagged **Dr. C.S. Venkata Ram Memorial Award** for best original research paper like **Physiological Response of Tea Plants to Shear Harvesting** which was published in *Journal of Plantation Crops*

**EDUCATION AND PROFESSIONAL DEVELOPMENT**

M.Sc. (Botany)- Annamalai University

**Computer Proficiency - MS Windows & Office****Current CTC = 29 L/a**Date of Birth: 5<sup>th</sup> February 1977 Marital Status: Married; Spouse: House Wife; Children: One daughter (15 Yrs.)**REFERENCES:** Available on demand

## References

Dr.S.Balasubramanian  
Head, Quality Control  
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