# Curriculum Vitae

**Subithra S**

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# Career Objective

# Secure a responsible career opportunity to fully utilize my experience and skills in R&D, Quality Control/Assurance, Seed Polymer Coating and Logistics/Inventory management while making a significant contribution to the success of the company.

# Total Work Experience - 6 years -2 month

1. **Research & Development, Quality Assurance, Production & Logistic Management at Vriksha Agro Sciences Private Limited in Coimbatore (From 5th Mar-2018)**

# Role and Responsibilities:

**Research & Development,** **Quality Assurance/Control**

* Developing the seed polymer coating with value-addition that to improve the vigour, Germination of corn, paddy, cotton, soybean, pulses, vegetables seeds.
* Understanding the new technologies in seed coating polymers and requirements of Seed Industries in product development.
* Focusing to fulfill the quality products with environment friendly materials in product development.
* Evaluation of field and green house trial to access the harvest index, yield potential.
* Good knowledge in ISTA standards to issue QA Certificate for seeds.
* Evaluation of coated seeds initial establishment in controlled condition, green house condition and field condition for major field and vegetable crops.
* Examine the impact of polymer-coated seeds in storage by assessing physical criteria such as dust-off, storage insect infestation, and physiological characteristics.
* Compatibility test with various seed treating chemicals along with the polymers. Quality check for the seed coated polymers, physical parameters like pH, Viscosity, Gloss, Draw down, Solid %, Storability check, Bulk density.
* Testing the initial establishment of polymer coated seeds in field condition.
* Analysis of storability and shelf life of new product development.
* Actively involved in customer-based sample preparation for field crops and vegetables.
* Handling the short-term projects i.e quality improvements in seed lots for seed blending, storage study of seed samples, field and green house trial.
* Issuing Quality assurance certificate for the bulk-produced seed coating polymers by observing the Germination %, Vigour Index, Speed of emergence in field condition, Stress test, Viability Test.

**Production**

* Overview and manage the entire bulk production of seed coating polymer in our production unit for the supply of various seed processing units in India for field crops, vegetable crops, and oil seeds.
* Planning and scheduling the production plan to complete the given timeline.

**Logistic Management**

* Inventory Management and update every week end basis.
* Entry the inward and outward register every day basis.
* Make database for QC samples, Seed Samples.
* Labelling the samples, seeds, raw material and feed in the database.
* Overall data and inventory management.
* Data management for production, QC and logistics management.
* Co-ordination between production, QC and Sales team.

# Seed Research Analyst at Reliable Corporation in Chennai - (From 18th Sep - 2016 to 28th Feb - 2018)

**Job role:**

To evaluate the physical, physiological characteristics of coated seeds and pelleted seeds and issue Quality assurance certificate.

Production of seed coating formulation for all field and vegetable crops.

Issuing Quality Control Certificate for seed coating formulations by testing in lab condition and field condition.

Monitoring the seed coating formulation production in large scale.

Preparing seed coating formulation for various seed industry all over India and for different crops seeds majorly for vegetables and wheat, mustard etc.

Testing the seed coating formulation whether it’s compatible to seeds during initial stages of growing in lab condition.

# Academic Qualification

**2014-2016-MSc Agri-Seed Science and Technology-TNAU-Coimbatore**

# GPA-9.06

* Post graduate work on **Standardization of cob drying technology for maintaining vigor potential of maize seeds.**
* Analyzing stage of harvest
* Standardization of moisture content during harvest
* Standardization of Temperature of Drying
* Estimation of post-harvest loss

# 2010-2014-BSc Agriculture –Adhiparasakthi Agriculture College -Vellore

* **GPA-8.62**
* Under graduate project **Evaluation of suitable substrate for oyster mushroom (***Pleurotus florida****)* spawn production.**
* Spawn Production
* Mushroom production
* Evaluation of suitable media for spawn and mushroom growth.

# Technical Skills

1. Mushroom cultivation.
2. Post-harvest handling in maize.
3. Seed production in agricultural and horticultural crops.
4. Quality Control

# Exposure during academic period

* Qualified in **National Eligibility Test-2019**.
* Practical training for 15 days in Tiruchengode Agricultural Producers Co-Op Marketing Society Ltd to explore the functions and activities happened there to the farming community.
* Block level RAWE program for one month in Krishnagiri district under the guidance, support with the Joint Director of Agriculture-Krishnagiri to gain the knowledge from the cultural practices, cropping pattern, crop schemes, technologies followed by farmers in the district.
* Seminar on National Symposium on Entrepreneurship Development for Life Sciences.
* Seminar on Recent trends in Plant Growth Regulators and Nutrient Management in Agricultural and Horticultural Crops.
* Gained experience in Govt of India schemes of Tamil Nadu state Govt schemes like IAMWARM, NADP ATMA, SRI Activities, ICDP, Seed processing unit, Seed procurement and Distribution, TANWABE Group activities, TXD Coconut hybridization, coconut nursery management, Seed certification Activities, Fertilizer Control Order and Insecticide Act and Agricultural Allied Department Activities.

# Area of Interest

* Research and Development
* Seed Production
* Quality Assurance
* Seed Treatment
* Field Trial

# Skills

* Leadership quality
* Team Coordination
* Decision making
* Problem Solving

# Personal Details

Date of Birth :21-05-1993 Language Known :English, Tamil Marital Status :Married

I hereby declare that all the information provided in my resume is true to the best of my knowledge.

Yours Truly

# Subithra S