

Curriculum vitae

R. DHINESH KUMAR

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Membala Nagar,
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Suramangalam post,
Salem (Dt.), Tamil Nadu
Pin – 636 005.



Career Objective

To work in a challenging environment where analysis, creativity and hard work is the platform for excellence and share my knowledge and use my skills to achieve goals. To get placed in a reputed concern where I will extend my interpersonal skills of affable leader, motivator and agile team worker which will improve the growth of the organization.

Personal Data

Date of Birth : 17-06-1989
Sex : Male
Father's Name : Mr. P. Ravi Kumar
Mother's Name : Mrs. R. Mariyammal
Religion : Hindu
Community : OBC
Nationality : INDIAN
Marital Status : Single
Blood group : A1B+ve

Educational Details with Academic Score

| Academic profile | Year | Board or university | Marks in% |
|--|------|--|-----------|
| SSLC | 2004 | State Board – Tamil Nadu Sri Ramakrishna Saradha Higher Secondary School, Salem(Dist.) | 41.60 |
| HSC | 2006 | State board – Tamil Nadu Neelambal Subramaniam Higher Secondary School, Salem (Dist.) | 69.60 |
| B.Sc., Agriculture | 2010 | Tamil Nadu Agricultural University, Adhiparasakthi Agricultural College, Vellore (Dist.) | 75.70 |
| M.Sc., Agriculture (Plant Breeding and Genetics) | 2013 | Tamil Nadu Agricultural University, Agricultural College & Research Institute, Madurai (Dist.) | 79.50 |

Qualified in Gardening and Landscaping six months course from Directorate of Open and Distance Learning, Tamil Nadu Agricultural University, Coimbatore.

RESEARCH WORK ON

Studies on induced genetic variability through gamma irradiation for grain cum vegetable type cowpea [*Vigna unguiculata*(L.)Walp].

WORK EXPERIENCE

Worked as BREEDING ASSISTANT in Breeding Cotton Division at **Rasi Seeds Private Limited**, Salem from January to July 2011.

Worked as SENIOR RESEARCH FELLOW in the Department of Plant Genetic Resources, **Centre For Plant Breeding & Genetics, TNAU**, Coimbatore from 09th September 2013 to 13th June 2014.

Worked as QUALITY OFFICER – NORTH TAMIL NADU in Rice Tegra Project at **Syngenta India Limited, Hyderabad** from 16th June to 16th December 2014.

Worked as ICAR - SENIOR RESEARCH FELLOW in National Initiative on Climate Resilient Agriculture (Plant Breeding) Project by **Indian Institute of Pulses Research, Kanpur** at **National Pulses Research Center**, Tamil Nadu from 06th November 2015 to 31st March 2017.

Worked as SCIENTIFIC OFFICER - LEGUME BREEDING, Crop Improvement Division at **World Vegetable Center** (South and Central Asia) **ICRISAT**, Hyderabad, Telangana from 12th August 2019 to 03rd December 2020.

Worked as SENIOR RESEARCH FELLOW – RICE PROJECT entitled “Stability Analysis, Hybrid seed Production and DUS Characterization of Parental Lines of Rice at **Protection of Plant Varieties and Farmers’ Rights Authority**, Shivamogga Branch Office, Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga, Karnataka from 25th November 2021 to 31st March 2024.

RESEARCH ACHIEVEMENT

- ★ Actively involved in release of one Cowpea Variety – VBN 3 from TNAU - NPRC, Vamban during 2017

RESEARCH PAPER PUBLICATIONS

INTERNATIONAL SEMINARS

- Participated and presented a research paper entitled “**Identification of Chlorophyll Mutants in Cowpea CO 2 Variety**” in **3rd International Science Congress (ISC-2013)** during 08th & 9th December 2013 organized by INTERNATIONAL SCIENCE CONGRESS ASSOCIATION at Karunya University, Coimbatore.

ISBN No: 978-93-83520-24-4.

NATIONAL SEMINARS

- Participated and presented research papers in **National Seminar on Breeding for Abiotic Stresses in Crop Plants** 22nd March 2012 organized by Department of Plant Breeding & Genetics at AGRICULTURAL COLLEGE & RESEARCH INSTITUTE, TNAU, Madurai.
- Participated and presented research paper and poster in **National Conference on Sustainable and Self Sufficiency in Production of Pulses through an Integrated Approaches**, May 21st & 22nd, 2016 organized by UNIVERSITY OF AGRICULTURAL SCIENCE, GKVK, Bangalore.

BOOK CHAPTERS / TRAINING MANUAL

Gnanamalar, R.P., A. Mahalingam, C. Vanitha and R. Dhinesh Kumar. 2016. **Latest Varieties of Pulses and Salient Features** in Pulses Cultivation Technology. Workshop cum Training conducted by Krishi Vigyan Kendra & Agricultural College and Research Institute, Madurai.

EXPOSURE EXPERIENCES

Participated in Off-types roughing and other related issues in rice crop training given by Dr. N. Shiv Kumar, Associate Director of Research and AICRP on Rice Scientists Team, Zonal Agricultural Research Station, College of Agriculture, Mandya from 20th to 22nd October 2022.

Attended training on DUS characterization and Hybridization in rice at Indian Institute of Rice Research Institute, Hyderabad lead by Dr. L.V. Subba Rao, Principal Scientist and Dept. of Plant Breeding Scientists Team on 20th & 21st May 2022.

Organised and conducted Urdbean germplasm field day on 25th October 2019. Many scientists from state and central agricultural research institutes like NBPGR (New Delhi and Hyderabad), IIPR - Kanpur, TNAU - Coimbatore, UAS - Raichur and private institutes participated.

Participated and played as key person during NBPGR, Hyderabad and TNAU, Coimbatore Collaborative Multi-crop Exploration Programme in and around areas of Dindugal District of Tamil Nadu from 24th to 31st October 2013.

Participated in the National Workshop on Tree Seed Science and Silviculture organized by Institute of Forest Genetics and Tree Breeding, Coimbatore on 28th & 29th November 2013.

Attended “Entrepreneurship Awareness Camp” organized by Entrepreneurship Development Agency, Ahmadabad & APAC, Vellore from 18th to 20th, Nov 2009.

COMPUTER LITERACY

- ❖ MS Office package
- ❖ Fieldbook
- ❖ WINDOWS Operating Software with excellent working knowledge of internet.

ABOUT MYSELF

- Youthful with high level of self-confident
- More innovative person and implement the creative ideas
- Good leadership quality
- Ability to work alone as well as in group
- Proactive

EXTRA-CURRICULAR ACTIVITIES

- ❖ Won prizes at intra college level games like chess, football, Kho-Kho and cultural programs like debate, skit and mime held in college
- ❖ Participated in cultural programs held in college and won prizes for skit, mime at intra college level.
- ❖ Volunteer and completed the NSS course during Under Graduate
- ❖ Volunteer of Rotary Club of Madurai West during Postgraduate

MENTORS

Dr. S. Jebaraj, Ph. D (Retd.) – Post Graduate Research Chairman

(Former Director – Tamil Nadu Rice Research Institute, Aduthurai)

Madurai (Dist.), Tamil Nadu.

Email id: email.jeba2006@yahoo.co.in

Sh. Kasi Anandram

Quality Lead India – Seeds Operations/Quality Management

Syngenta India Limited, Hyderabad, Telangana.

Email id: kasi.anandram@syngenta.com

Dr. R.P. Gnanamalar, Ph. D

(Former Head – National Pulses Research Centre, Vamban)

Department of Plant Breeding and Genetics

Agricultural College and Research Institute

TNAU, Madurai – 625 104. Tamil Nadu

Email id: malarjustin@gmail.com

Dr. Ramakrishna Madhavan Nair

Regional Director - World Vegetable Center
South and Central Asia, ICRISAT Campus
Hyderabad – 502 324. Telangana
Email id: ramakrishnan.nair@worldveg.org

Sh. Dipal Roy Choudhury

Joint Registrar cum Project PI
Protection of Plant Varieties and Farmers' Rights Authority
New Delhi – 110 012
Email id: dipalrc@gmail.com

DECLARATION

Hereby, I assure that the information furnished above is true. If I get an opportunity to work in your concern, I assure that I shall discharge my duties to the fullest satisfaction of my Employer and to the best of my ability.

Yours Sincerely,
R. DHINESH KUMAR

Testimonial about me

- ✓ During Breeding Assistant – Breeding Cotton Division (Rasi Seeds Pvt Ltd.), handled Crossing (Field and polyhouse condition) and Mechanical Picking trials in cotton. Also trained the labour for emasculation and pollination in cotton.
- ✓ At the time of TNAU-CPBG SRF (Dept. of PGR), I worked in BRNS Tapioca Project and other works related to Plant Genetic Resources department like germplasm exploration and preservation.
- ✓ When I was a Quality Officer (NTN) – Syngenta, initially worked in Vijayawada and nearby areas of west Godavari later in north Tamil Nadu. Performed duties from seed procurement (conducting purity check and germination test), CTP quality maintenance (media preparation, seed germination, quality tray production and transport), selection of nursery location and nursery management (Irrigation, labour, delivering quality seedlings) and machine transplanting (ensuring ideal field preparation, timely supply of quality seedlings, proper transplantation). Training on quality maintenance and assurance to the quality assistants, staffs of CTP unit, Nursery and Transplanting team from time to time and before start of seasons.
- ✓ As an ICAR-IIPR SRF at NPRC, Vamban conducted the Blackgram and greengram NICRA project (Plant Breeding) trials with the guidance of PC-MULLaRP and trial reports submitted to IIPR, Kanpur. Executed the planned scientific experiments, data collection, documentation, digitalization and analysis with scientists. In addition, maintained and supported field trials of AICRP – MULLaRP, Pigeon pea and Arid legumes. Also associated in conduct of ART and MLT trials of mungbean, Urdbean and cowpea. Handled TNAU crop improvement projects of major pulses. Enthusiastically supported in drafting various reports viz., CSM, QRT, Half yearly and annual reports, project completion reports, research station monthly reports. Maintained good level of relationships with all scientists and staffs (Administrative, Technical and field staffs)
- ✓ In WorldVeg, a total of 2616 urdbean germplasm entries characterization, seed to seed management practices and supplying of seeds for sowing were carried out by being Scientific Officer (Legume Breeding) and trained 2 Research Technicians plus 2 field assistants on the same activities. Organised and conducted urdbean germplasm field day on 25th October 2019 at WorldVeg Farm, ICRISAT Campus. Many scientists from state and

central agricultural research institutes like NBPGR (New Delhi and Hyderabad), IIPR - Kanpur, TNAU - Coimbatore, UAS - Raichur and private institutes participated. Performed full time duties by attending essential works in WorldVeg from the beginning of lockdown to end period in 2019.

- ✓ Prior to WorldVeg worked as Freelance Assistant Professor (Plant Breeding & Genetics Department) in a private agricultural college at Tamil Nadu. Guided and trained many students (Dip., UG and PG), research technicians and field staffs in the campus farm on hybridization in field and glasshouse conditions.
- ✓ Joined as SRF in PPVFR Authority for Stability analysis, hybrid seed production and DUS characterization of parental lines of rice project at Shivamooga branch office. Currently working and fulfilling the project requirements with high level dedication. Works like field preparation, seedling production, conducting DUS trial entries experiments, data collection cum documentation, commercial hybrid seed production, post harvest data observation, supplying of seed material for quality test, project progress reports submission, parental seeds and hybrid seeds submission to authority were performing with the support of Co-PI and PI of the project. Training to Technical assistants, young professional – I & II and to the labours on handling of rice materials from seed to seed, hybridization and DUS observation.
- ✓ Having handful hybridization experience in Rice, major legumes (Mungbean, Urdbean, Pigeon pea, Cowpea, Yardlongbean, Rice bean and wild *Vigna spp.*), Cotton, Maize, Sesame and also good in Chillies, Soybean, Mustard for creating genetic variability which will be more helpful to develop desired trait genotypes.
- ✓ Good in screening the disease resistant lines.
- ✓ Can handle and assist leaf sampling and DNA isolation.
- ✓ Documenting the ideal plant behaviour with good photographs.
- ✓ Handling large number of breeding population aimed at complete characterization and data collection at field level with modern tool like field book app.
- ✓ Able to effectively manage seed production field with adequate field operations and control measures by working proactively.
- ✓ Capable to do effective selections in segregating populations and good in generation advancement trials.