

Professional Profile

ASST. PROFESSOR (PLANT BREEDING AND GENETICS)

Seeking challenging position with an organization of high repute that will accomplish both personal and professional goals

Professional Summary

- Farsighted with global vision. Track record demonstrates self-motivation and initiative to achieve both personal and corporate goals; have reached the higher echelons of career through rapid promotions by way of a thoroughly professional attitude.
- A good Teacher to bring 100 per cent result and highly motivated personality to the students and surrounding.
- A good practical experience to bring the commercial products of Agriculture.

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- A good Teacher
 - Team Management
 - Practical experience
 - Performance improvement
 - Sound subject knowledge
 - A good Researcher
 - Brand Building
 - Agro Product Development
 - Team Leadership
 - Strong Interpersonal Skills

Work Experience

- Worked as **Farm manager** from June 2009 to March 2010 in **Emami Bio Tech Ltd.** at Aruppukottai, Virudhunagar (Dist.), Tamil Nadu.
- **Senior Research Fellow** in Project entitled “**TN-IAWARM**” during November’ 2010 to October’ 2011 at Directorate of Water Technology Center, Tamil Nadu Agricultural University, Coimbatore.
- **Senior Research Fellow** in Project entitled “**Accelerated Fodder Development**” during November’ 2011 to August’ 2012 at Dept. of Forage Crops, Directorate of Plant Breeding and Genetics, Tamil Nadu Agricultural University, Coimbatore.
- Worked as **Assistant Professor** from 07.10.2015 to 15.4.2016 at S.Thangapazham Agricultural College (Affiliated to Tamil Nadu Agricultural University, Coimbatore-3), Vasudevanallur, Tirunelveli - 627760.
- Worked as **Assistant Professor** from 01.07.2016 to 23.09.2022 date at The Indian Agricultural College (Affiliated to Tamil Nadu Agricultural University, Coimbatore-3), Radhapuram, Tirunelveli – 627 111.
- Working as **Associate Professor**, Department of Plant Breeding and Genetics from 17.10.2022 to till date at Krishna Agriculture College and Technology, Srirangapuram, Usilampatti, Madurai-625532.

PROFESSIONAL EDUCATION & CREDENTIALS

Ph. D in [Plant Breeding & Genetics]; Specialization: Mutation Breeding Agricultural College & Research Institute, Tamil Nadu Agricultural University Secured 80.02%.	2015
M.Sc. [Agriculture]; Specialization: [Plant Breeding and Genetics] Faculty of Agricultural College & Research Institute, Annamalai University Secured 85.65%; First Class	2009

■ ADDITIONAL PROFESSIONAL EDUCATION & CREDENTIALS

- Qualified in the Certificate in Computing Professional subject MS Office and Internet Applications.
- Served as **Farm Superintendent**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.
- Served as **Year Coordinator**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.
- Served as **Academic Coordinator**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.
- Served as **Placement cell officer**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.
- Served as **Staff Advisor**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.
- Served as **Vice-Principal**, The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University) Radhapuram, Tirunelveli, Tamil Nadu.

PUBLICATION DETAILS:

Books Published :(Books with ISBN No.)

Sl. No	Title	Author(s)	Year of Publication	Publisher	ISBN No.
1	Essentials of Agricultural Botany	R. Kumar	2018	Akinik publications New Delhi-110 085	9789387072336
2.	New Technologies in Agriculture and Horticulture	Dr. R. Kumar	2023	Akinik publications New Delhi-110 085	978-81-961520-1-7

Research Articles Published:

i.	International Research Articles (No.)	1
ii.	National Research Articles (No.)	8

Research articles published in reputed International Journals: [With NASS Rating].

- **Kumar.R** and N. Shunmugavalli. 2015. Mutagenic effectiveness and efficiency of induced mutations in Sesamum (*Sesamum indicum* L.). Life Sciences Leaflet, 66:42-54.
- **Kumar.R** and N. Shunmugavalli. 2015. Gamma rays and ems induced flower colour and seed mutants in sesame (*sesamum indicum* l.) Trends in Biosciences 8(9): 2268-2272.
- Pachiyappan, R, K.Saravanan and **R.Kumar**. 2012. Combining ability analysis in Eggplant (*Solanum melongena*. L.) Golden research thoughts 2(2); 2231-5063.
- **R. Kumar.R** and N. Shunmugavalli. 2017. Chemically Induced Mutagenesis in Sesamum (*Sesamum indicum* L.) **International Journal of Current Microbiology and Applied Sciences** ISSN: 2319-7706 Volume 6 Number 9 (2017) pp. 2172-2178.
- **Kumar. R** and **G. Anitha**. 2017. **Genetic analysis of the induced mutant, involving mono-stemmy branching in Sesame (*Sesamum indicum* L.)**. Life Sciences International Research Journal Vol 4 Issue 1 with ISSN 2347 – 8691 & ISBN.

- J.Sakthi*; K. Kaleeswari; Karthika S Kumar; K. Nirosha; K.Ramya; **R.Kumar. 2021.** Effect of Foliar Application of Water-Soluble Fertilizers for Yield and Economics of Rice Fallow Blackgram (*Vigna mungo* (L). Hepper) International Journal of Advances in Agricultural Science and Technology, Vol.8 Issue.8, August-2021, pg. 110-114
- Akila Mathew and **Kumar.R. 2022.** Variability, Correlation and Path Analysis for Grain Yield Characters of Rice (*Oryza sativa* L.) Genotypes. International Journals of Environmental and Climate Change, 12 (11): 1258-1267, 2022.
- **Kumar .R Shanmugapakiam. 2023.** Chemically induced male sterility system in sesame (*Sesamum indicum* L.) *Scientist Journal Vol 9 Issue 3, 2023.*

Popular Article:

- **Kumar. R, 2023.** POPULATION DYNAMICS OF SUCKING PESTS AND RESISTANT CULTIVARS IN BLACK GRAM. AgriGate, Vol-3-Issue-8, 2023.
- **Kumar. R, 2023.** MEDICINAL BENEFITS OF TRADITIONAL RICE CULTIVARS. AgriGate, Vol-3-Issue-9, 2023
- **R. Kumar¹, K. Mohana Sundaram² and D. Jebapreetha²⁰²³.** Nutritional Important and health benefits of Millets. . AgriGate, Vol-3-Issue-10, 2023.

Medals and Awards Received:

Sl. No.	Name of the Award	Institution Awarded
01	Recipient of UGC-Rajiv Gandhi National Fellowship (RGNF) award for during the Ph. D Thesis in Plant Breeding and Genetics for the year 2012 -2016.	University Grant Commission, New Delhi
02	Recipient of Excellence in Research Award for outstanding contribution in the field of Plant Breeding & Genetics, Nature Conservation Society – 2019.	Nature Conservation Society, Idukki District, Kerala.
03	Recipient of Young Scientist Award for outstanding contribution in the field of Plant Breeding & Genetics, Just Agriculture Society, Haryana- 2023	Just Agriculture Society, Haryana.
04.	Best Academician Award	International Conference on Global Challenges of Food and Agriculture: Future Trends (GCFA – 2023)- Thanthai Roever Institute of Agriculture and Rural Development.
05	Young Teaching Faculty Excellence Award -2023	International Conference on Recent Innovations and Technological Advancements of Agriculture, Horticulture, Agricultural Engineering, Sericulture, Food Science, Biotechnology and Rural Enterpreneurship-2023

Professional Training Programs Attended:

Sl.No	Name of the Professional Training	Organized by	Period During	Outcome of the Training
1	Rural Agricultural Work Experience (RAWEx)	Faculty of Agriculture, Annamalai University, Chidambaram, Tamil Nadu.	3 months	Learned commercial Agriculture

2	Orientation & Training programs on Indigenous Farming	organized by Faculty of Agriculture and Animal Husbandry, Gandhigram Rural University, Gandhigram, Dindigul (Dt.)	7th & 14th may 2006	Learned indigenous farming
3	Agro-Industrial Tie-up program	Faculty of Agriculture, Annamalai University, Chidambaram, Tamil Nadu	1 st may to 29 may 2017	Learned commercial preparation of value added products from pulses
4	Content Creation and Uploading of RLOs	Directorate of Open and Distance Learning, TNAU, Coimbatore	21-22 March, 2011	Learned creation and uploading of content in Internet.
5	Commercial preparation of vegetable and fruit products	Post-Harvest Technology Centre, TNAU, Coimbatore	26th & 27th February 2014	Learned commercial preparation of vegetable and fruit products viz., Jam, Jelly, Candy, Sauce, Syrup, Juice etc.,
6.	Organic Farming	Dept. of Agriculture, Radhapuram.	07.03.2022	Training given to the farmers about Organic Agriculture
7.	Organic framing	Society of Just Agriculture Society, Haryana.	Nov-15 to Dec-28, 022.	To known about the organic farming
8.	Velan Ariviyal Tamil Manadu	Society of Velan Ariviyal Tamil Manadu, New Delhi.	Feb- 18 -19, 2023.	Importance of Tamil in Agriculture

International and National level Seminars/Conferences/ attended and papers presented.

SI.No	Name of the Conference	Organized by	Period During	Papers/Posters Presented
1	Advances in Legume Research	Department of Plant Breeding and Genetics, Faculty of Agriculture, Annamalai University, Chidambaram, Tamil Nadu.	March 1& 2, 2008.	Physiological and Genetic factor affection pulses production
2	Faculty of Agriculture, Annamalai University, Chidambaram, Tamil Nadu.	Department of Plant Breeding and Genetics, Faculty of Agriculture, Annamalai University, Chidambaram, Tamil Nadu.	March 5& 6, 2009.	Bi-parental progenies in Bhendi.
3	Sustainable Agriculture to FUEL (Feed , Unit, Educate & Lead) the Future	School of Post Graduate studies, Tamil Nadu Agricultural University, Coimbatore-03	3 & 4th May 2014	Improvement of Quantitative and Qualitative traits of sesame
4	Recent Trends in Agriculture, Veterinary & Life	International Multidisciplinary Research Foundation and Carmel College of Arts	2&3th Feb 2017	Importance of Mono-stem characters in sesame for Mechanical harvest.

	Sciences	Science & Commerce for Women, nuvem, Goa		
5	INNOVATIONS IN QPCR FOR GENE EXPRESSION AND MOLECULAR DIAGNOSTICS	Department of Biotechnology, Agriculture College and Research Institute, Tamil Nadu Agricultural University, Coimbatore.	5 th November, 2017	Participated
6	Recent Trends in Agriculture	S.Thangapazham Agriculture College, Vasudevanallur, Tirunelveli- 627 523.	27 June, 2018.	Isolation of positive mutant in sesame.
7.	Online Training Programme for "Traditional Rice Cultivar and its Importance"	The Indian Agriculture College, Radhapuaram-627 111.	09.06.2021 to 11.06.2021	Traditional Rice Cultivar and its Importance
8.	Agriculture 4.0, 15 Days International Training Cum Workshop	AEEFWS, MPUAT, Udaipur.	Nove-7 to 21 Nove-22	Just Agriculture

Dr. R. Kumar's One-page Appraisal:

I am **Dr. R. Kumar**, hailing from Zaminelanthaikulami village in Tirunelveli District of southern part of Tamil Nadu. I had the schoolings from Gomathy ammbal Higher Secondary School, Sankarankovil. I have completed B.Sc. (Agriculture) degree (during 2003-2007) from Faculty of Agriculture, Annamalai University, Chidambaram. I have completed my Master's degree in M.Sc. (Ag) with the specialization in Plant Breeding and Genetics during the year 2007-2009 from the same institute. My thesis title was '**Studies on Biparental Progenies in Bhendi**' during my PG Program under the guidance of Prof. **Dr. Y. Anbuselvam**.

I have completed my Ph.D degree in Plant Breeding and Genetics during the year 2012-2015 from Centre for Plant Breeding and Genetics, Tamil Nadu Agricultural University, Coimbatore. My thesis title was "**Analysis of induced variability for Quantitative and qualitative traits in sesame**" during my programme under the guidance of Prof. Dr. N. Shunmugavalli.

I wish to furnish my detailed updated resume to your esteemed organization for IAMWARM Project position since being a Breeder from **Tamil Nadu Agricultural University, Coimbatore**.

I have got corporate experience in Jatroph contract farming project management from Emami Biotech Ltd, in order to conduct the research trails to increase the Jatroph average yield from specific trails in Aruppukottai Dist in Tamil Nadu, based on the success achieved on this project over 150 acres.

Research Experience:

1. Accelerated Fodder development project, Dept. of Forage Crops, TNAU, Coimbatore.
2. Content Creation and Uploading of RLOs, Open and Distance Learning, TNAU, Coimbatore

Teaching and allied Experience:

1. More than **8 yrs teaching experience** to handled various department (Fundamental and Advance courses) and other associated departmental courses like of Plant Breeding and Genetics, for under graduate students (B.Sc. (Agri.))
2. As a **Project guide** of the Under graduate students

3. Served as a **Academic Coordinator, Dean In-charge, Principal In-charge, Vice-Principal, Farm Manager, Farm Superintendent and Year Coordinator.**

Presently I am working with The Indian Agriculture College, (Affiliated to Tamil Nadu Agricultural University, Coimbatore-03) Radhapuram, Tirunelveli, Tamil Nadu **as an Assistant Professor** for handling both Theory and Practical for under graduate students. I am having good skills in teaching Agriculture Subjects both Theory and Practical for Plant breeding and genetics courses of UG and I have got good organizing capacity with the right temperament to work as a team. I have given 100 per cent results in the Plant Breeding and Genetics Subjects in University Examination. Basically, I am very sincere and hard working in nature and can fit to any system.

Expected Salary: Negotiable

Time required to Join: Two months' notice period

References:

1. **Dr.N. Shunmugavalli**, Professor and Head, Agriculture Research station, Tirupathysaram, Kanyakumari, Tamil Nadu Agricultural University, 9600388631.
2. **Dr.M. Arumugampillai**, Professor & Head, Department Plant Breeding and Genetics, Agriculture College and Research Institute, Killikulam. 9443689409.

Declaration: I certify that the information furnished above are true and correct to the best of my knowledge and belief.

Place: Theni

Signature



Date: 02.04.2024

Name & Designation of the applicant
Dr. R. Kumar, Associate Professor (PBG),
Krishna Agriculture College and Technology (KRISAT)
Srengapuram, Usilampatti, Madurai, Tamil Nadu-625532.