

RESUME



1. **Name with Mobile No. & email id.** : Dr.D. Raja
8903769689
rajaprofagron5@gmail.com
2. **Institute in which last worked** : Tapioca and Castor Research Station,
Yethapur – 636 119 - Salem District.
3. **Current Employment** : **The Principal,**
Adhiparasakthi Horticultural College,
Kalavai, Ranipet Dt.
- From 05.07.2019 to till date**

4. Teaching Experience :

- Total Experience 13 Years
- Handled 11 Under Graduate and 2 Post Graduate Courses at AC&RI., TNAU, Coimbatore.
- Guided 1 Ph.D., Scholar and developed 8 practical manuals

5. Research Experience :

- 27 Years experience, handled 20 University research projects
- Obtained 3 externally funded projects and 3 Venture Capital Schemes
- Published 2 Books in English with ISBN and 3 Books in Tamil with ISBN
- Received Best Tamil Book MASU Award during 2008
- Published 40 Booklets , 21 Folders, 34 Articles, 29 Popular articles, 27 Seminars / Symposium papers and 3 CD

6. Extension / Technology Transfer:

- Total Experience 29 Years
- Transferred Coconut Tonic Root feeding, INM and IWM Technologies and new varieties to the farmers of Salem and Namakkal District.
- Involved in precision farming and organic farming developments in the farmers field.

7. Administrative Experiences :

- At present working as the Principal of Adhi Parasakthi Horticultural College, Kalavai (3 Years)
- Total Experience of 5 Years as Programme Co-ordinate and Professor and Head, Krishi Vigyan Kendra, Sandhiyur, Salem District.

- Established Administrative building , Staff Quarters , Farmers Training Hostel and Soil Test Laboratory

8. Student Welfare / Social responsibility :

- NSS Programme officer for Boys unit AC& RI, TNAU, Coimbatore during 1994
- Involved in ICAR Junior Fellowship coaching to the students


9. Any other achievements :

- Received ICAR Junior fellowship for Agricultural Economics during 1983
- Best Farm Award in Farmers day 1994
- Best Extension worker Award 2004
- Received appreciation certificate for successful completion of 25 years service in TNAU
- Appreciation certificate for active participation in kitchen garden campaign held during 10th to 14th August by Rotary clubs of Coimbatore and Thondamuthur 1989
- MASU Best Tamil book award for Cotton cultivation given on MASU Day 2009
- Attended 23 International / National seminar / Symposium / Conference / Workshop
- Attended 22 National level training programmes
- Put 13 Years as Farm Manager in different Stations and Main Campus.

SIGNATURE

BIO-DATA

1. General information of the applicant:

Name (in Capital letters)	Dr.D. RAJA		
Date of Birth (DD/MM/YYYY)	29.05.1959		
Age (as on Nov 2020)	63 Years 1 Month		
Place of Birth	Komarapalayam		
Nationality	Indian		
Community	Vanniyar		
Mother tongue	Tamil		
Current Employment	THE PRINCIPAL, ADHIPARASAKTHI HORTICULTURAL COLLEGE, KALAVAI, RANIPET Dt. From 05.07.2019 to Till Date		
Correspondence address	2 / 2.27- Middle Street, KPK Thillai Illam, Kuchipalayam, Paundamangalam (Po) – 637 208 Paramathi Taluk, Namakkal District.		
Permanent Address	2 / 2.27- Middle Street, KPK Thillai Illam, Kuchipalayam, Paundamangalam (Po) – 637 208 Paramathi Taluk, Namakkal District.		
Phone No.	04268-230122	Mobile	8903769689
Email	rajaprofagron5@gmail.com		

2. Details of Employment

Designation	Name of the Organization	Duration		Total MM/YY
		From	To	
Assistant Professor	Regional Research Station, Paiyur	23.04.1986	30.04.1987	6 Months 1 Year
Assistant Professor	Sheep Breeding Research Station, Sandynallah.	01.05.1987	17.01.1989	8 Months 1 Year
Assistant Professor	Dept. of Forage Crops, TNAU, Coimbatore.	18.01.1989	05.06.1992	4 Months 3 Years
Assistant Professor	Agri. Research Station, Virinjipuram, Vellore Dt.	06.06.1992	13.05.1993	11 Months
Assistant Professor	Dept. of Agronomy, TNAU, Coimbatore.	14.05.1993	31.05.2000	7 Years

Assistant Professor	Dept. of Forage Crops, TNAU, Coimbatore.	01.06.2000	16.01.2002	7 Months 1 Years
Associate Professor	Dept. of Forage Crops, TNAU, Coimbatore.	17.01.2002	04.04.2003	2 Months 1 Year
Associate Professor	Krishi Vigyan Kendra Sandhiyur, Salem Dt.	05.04.2003	07.04.2004	1 Year
Professor (Agronomy)	Krishi Vigyan Kendra Sandhiyur, Salem Dt.	08.04.2004	03.08.2009	4 Months 5 Years
Professor (Agronomy)	Tapioca & Castor Res. Station, Yethapur	04.08.2009	31.05.2019	9 Months 9 Years
The Principal	Adhi Parasakthi Horticultural college, Kalavai, Ranipet Dt.	04.07.2019	Till Now	3 Years

3. Date of retirement : 31.05.2019

4. Total experience on retirement date (MM/YYYY) : 1 Month 33 Years

5. Educational Qualification (in chronological order from latest / last acquired degree)

Qualification	Year of completion	Percent/OGPA/CGPA	University	Subject / Topic of Specialization
Ph.D.,	1996	9.38 / 10.00	TNAU, Coimbatore	Agronomy (Cropping System)
M.Sc., (Agri.)	1985	3.88 / 4.00	TNAU, Coimbatore	Agronomy (Weed Control)
B.Sc., (Agri.)	1983	3.69 / 4.00	TNAU, Coimbatore	Agriculture (Agrl. Economics)

6. Details of Teaching Experience

Post held	Pay scale	Organization / University	Duration		Experience (in Years & Months)
			From	To	
Asst.Prof.	2200-25-2800- 100-4000	AC&RI., TNAU, Coimbatore	18.01.1989	05.06.1992	3 Years 4 Months
Asst.Prof.	3000-100-3500- 125-5000	AC&RI., TNAU, Coimbatore	14.05.1993	31.05.1995	2 Years
Asst.Prof.	3000-100-3500- 125-5000	AC&RI., TNAU, Coimbatore	01.06.1995	15.05.1998	2 Years 11 Months
Asst. Prof.	10000-325-15200	AC&RI., TNAU, Coimbatore	16.05.1998	31.05.2000	2 Years
Assoc. Professor	12000-420-18300	AC&RI., TNAU, Coimbatore	01.06.2000	03.04.2003	2 Years 10 Months
Assoc. Professor	12000-420-18300	VC&RI., TANUVAS, Namakkal	28.11.2003	30.07.2004	8 Months
Total					13 years 9 months

Technical Manuals Developed :

Ayyasamy, M., M. Mark devasagayam, S.P. Palaniappan, S. Purushohaman and D. Raja. 1991. Pracical Manual on Principles and practices for Maize cultivation. Dept. of Agronomy, TNAU,

Ayyasamy, M., P. Manickasundaram, D. Raja, S. Ramasamy and S. Purushothaman. 1991. Pracical Manual on introduction to cotton cultivation, Dept. of Agronomy, TNAU, Coimbatore.

Ayyasamy, M., S. Ramasamy and D.Raja. 1991. Pracical Manual on Rice Cultivation, Dept. of Agronomy, TNAU, Coimbatore.

Ayyasamy, M., S.Chandrasooriyan, D. Raja, S. Purushothaman and S.P. Palaniappan.1993. Practical Manual on production technology for Rice. Dept. of Agronomy, TNAU, Coimbatore.

D. Raja and S. Ramasamy,1999. Agricultural Scenario. Practical Manual for short tour Dept. of Agronomy, TNAU, Coimbatore

D. Raja, S.R. Santhi., R. Jeganathan, K.R. Latha and N. Sankaran. 2001. Practical Manual on Irrigation Management Dept. of Agronomy, TNAU, Coimbatore

D.Raja, N. Meyyazhagan, O.S. Kandasamy and J. Krishnarajan. 1999. Pracical Manual on Weed Management. Dept. of Agronomy, TNAU, Coimbatore

S. Ramasamy, D. Raja, R. Krishnan and A. Christopher Lourdurai. 2002. Practical manual on Irrigation Management .Dept. of Agronomy, TNAU, Coimbatore

7. Administrative experience – Post(s) held on full time basis

Position	Organization	Duration		Experience
		From	To	
Others (Specify) Programme Co-ordinator,	KVK, Sandhiyur, Salem District	05.04.2003	12.03.2006	2 Years 11 Months
Programme Co-ordinator,	KVK, Sandhiyur, Salem District	31.03.2007	03.08.2009	2 Years 2 Months
Principal	Adhi Parasakthi Horticultural College, Kalavai	05.07.2019	Till Now	3 Years
Total				8 Years 1 Month

Courses Taught

S.No.	Courses Taught	Name of the University/Collage/ Institution	Duration
I	Post Graduate		
1	AGR 608 Agronomy of pulses, green manure and forage crops (1+1)	AC&RI,TNAU Coimbatore	2000-2002
2	AGR 609 Agronomy of oilseeds, fibre and commercial crops (2+1)	AC&RI,TNAU,Coimbatore	2001-2002
II	Under Graduate		
1	AGR 301 Crop Production (0+2)	AC&RI,TNAU,Coimbatore	1989-1992
2	AGR 302 Crop Production (0+2)	AC&RI,TNAU,Coimbatore	1989-1992 1998-1999
3	AGR 303 Crop Production (0+2)	AC&RI,TNAU,Coimbatore	1989-1992 1999-2000
4	AMP 301 Dairy farming & forage production (3+1)	AC&RI,TNAU,Coimbatore	1989-1991
5	AGR 201 Weed Management (1+1)	AC&RI,TNAU,Coimbatore	1997-1998 1999-2000
6	AGR 421 Project Work (0+1)	AC&RI,TNAU,Coimbatore	1995-1997
7	AGR 320 Short Tour (0+1)	AC&RI,TNAU,Coimbatore	1994
8	AGR 220 Short Tour (0+2)	AC&RI,TNAU,Coimbatore	1998
9	AGR 201 Irrigation Management (1+1)	AC&RI,TNAU,Coimbatore	2000-2002
10	LPM.112 Fodder production and Grassland management	VC&RI, TANUVAS, Namakkal	2003-2004
11.	NSS Programme officer for Boys unit	AC& RI, TNAU, Coimbatore	1994

8. Member in Councils and Professional Bodies

S. No	Position	Organization/ University	Experience (in Years & Months)
1.	Member of Professional/Academic Bodies	<ol style="list-style-type: none"> 1. Life member in MASU 2. Life member ISARM 3. Member Range management society of India 4. Member of Alumini Association 5. Member of ISA 6. Member of ISWS 7. Member of Agronomy club 8. Member of TAUTA 	
2.	Others (Specify)	<ol style="list-style-type: none"> 1. Resource person for Monthly Zonal meeting of Dept. of Agriculture, Salem Dt. 2. Resource person for Monthly Zonal meeting of Dept. of Agriculture, Namakkal Dt. 3. Resource person for farmers grievance day conducted by The Collector, Namakkal Dt. 4. Member in Food grain production Mission of Namakkal District. 	16 years

9. Other contribution in relevant areas in higher education

Post	Organization	Nature of Duty (brief)	Period (MM/YYYY)
Resource person	Farmers Federation of Namakkal and Salem Dt	Answering Farmers queries and disseminate new technologies	16 years
Others (Specify) Resource person for ICAR Junior Fellowship	AC&RI, Coimbatore	Taking class on Forage production and green manures	13 years

10. Research Contribution

a. Sponsored / Public Funded Research Projects executed by the Applicant

S.No.	Title of the Project	Sponsor Name	Duration of the Project	Amount of Grant (Rs. in Lakhs)	PI or Co-PI
1.	Upliftment rural women empowerment	DBT-GOI	2006-2010	14.40	Co-PI
2.	Training farmers on commercial propagation and cultivation of amla	NMPB, GOI	2006-2009	8.35	Co-PI
3.	Standardization of value added products from Amla	NMPB, GOI	2006-2009	7.00	Co-PI
4.	Large scale production of high quality grafts in fruit crops	TNAU	2003- 2005	-	Co-PI
5.	Production and supply of TNAU coconut tonic for North western zone of Tamil Nadu	TNAU	2003 – 2006		CO-PI
6.	Production and Supply of Vermicompost	TNAU	2003-2005		PI

University Research Projects Conducted

S.NO	Title of the Project	Name of the funding agency	Duration
	Department of Agronomy		
1.	R1 AGR 685. Critical period of <i>Echinochloa</i> spp. In wet seeded rice.	ICAR	1993 -1997
2.	R1 AGR 686. Critical period of <i>Trianthema portulacastrum</i> competition in cotton- sorghum cropping sequence.	ICAR	1995-1999
3.	R1 AGR 718. Effect of plant population, geometry and weed control methods on yield of irrigated maize and associated weeds	ICAR	1997-1999
4.	R1 AGR 719. Critical period of crop weed competition in different rice cultures (lowland transplanted and wet seeded rice)	ICAR	1997-1999
5.	Critical period of weed competition in sunflower (Adhoc Trial)	ICAR	1997-1999
6.	R1 AGR 714. Studies on weed ecology (Density and distribution) under land preparation and weed control methods in irrigated Maize-sunflower cropping system	ICAR	1997-2000
7.	R1 AGR 703. Effect of Nitrogen levels on forage yield of advanced varieties of guinea grass	ICAR	1999-2002

8.	R1 AGR 764. Effect of Nitrogen levels on the forage yield of advanced varieties of single cut oats	ICAR	1999-2002
9.	R1 AGR 800. Banana based fodder production system	ICAR	2001-2003
10.	R1 AGR 801. Alley cropping studies to increase the fodder production under rainfed condition.	ICAR	2001-2003
11.	R1 AGR 802. Effect of Nitrogen levels on forage yield of pear millet cultures in advanced varietal trial	ICAR	2001-2003
12.	R1 AGR 803. Coconut based fodder production system	ICAR	2001-2003
13.	R1 AGR 804. Remunerative forage based intercropping system for sustained productivity under irrigated conditions	ICAR	2001-2003
14.	AGR (New). Performance of guinea grass for different fertilizer levels under shade	ICAR	2001-2003
15.	Net work project on Alley cropping system under rainfed condition	TNAU	2001-2003
16.	DRES/TYP/AGR/10/015 Effect of land configuration and nutrient management on physiological characters and productivity of hybrid castor under rainfed condition	TNAU	2010-2012
17.	DRES/TYP/AGR/09/013 Weed management with special emphasis to purple nutsedge (<i>Cyperus rotundus</i>) in cassava	TNAU	2010-2012
18.	DRES/TYP/AGR/09/012 Effect of Sulphur, Zinc and Iron on growth, yield and quality of castor	TNAU	2009-2010
19.	DCM/YTP/AGR/CAS/2015/001 Effect of spacing, nipping primary shoot and pruning on growth and yield of perennial castor variety TCRS 1205 under irrigated condition	TNAU	2015-2019
20.	DCM/YTP/AGR/CAS/2015/002 Integrated weed management for castor under irrigated conditions.	TNAU	2015-19

b. No. of Research Scholars (Ph.D.) successfully guided:

S.No.	Name of Scholar	Affiliated University / Institute	Year	Main Guide or Co-Guide
1.	S. Suganthi	TNAU	2016-19	Main Guide

11. Publications / Training / Symposium / Conference attended (Annexure-I)

S.No.	Details	Numbers
1.	Books	40
2.	Booklets	21
3.	Articles	34
4.	Popular articles	29
5.	Radio talks	10
6.	Seminar / Symposium papers	8
7.	Seminar / Training Lecture notes	19
8.	CD	3
9.	No. of training attended	22
10	No. of conference / Symposium / Group Meeting / Workshop attended	23

b. Contributions to Scholarly Communications

(i) Books Authored

S.No.	Title	ISBN	Publisher	Year	pages
1	Sivamurugan A.P. , R. Arunkumar, D.Raja and P.Murugesaboopathi Dryland Horticulture	978-81-272-4870-3	Kalyani Publishers – New Delhi-110 002	2007	144
2	Sivamurugan A.P. S. Marimuthu, R. Arunkumar, D. Raja Weed Management in Horticultural Crops	978-81-272-5096-6	Kalyani Pulisers New Delhi-110 002	2007	161
3	ஜெகதாம்பாள்.இரா., பா. கீதா மற்றும் து. ராஜா. பயறுவகைப் பயிர்கள் சாகுபடி	978-81-908262-0-4	வேளாண்மை அறிவியல் நிலையம், தமிழ்நாடு வேளாண்மைப் பல்கலைக்கழகம், சந்தியூர், சேலம்-636 203.	2009	137
4	கலாராணி. எம்.கே., து. ராஜா, வீ. பழனிசாமி, க. குமுதா மற்றும் ரா. சிவசந்திரன். தென்னை சாகுபடி மற்றும் ஊரக மகளிர் வேலைவாய்ப்பு முன்னேற்ற திட்டப் பயிற்சி கையேடு.	978-81-907792-1-0	மரவள்ளி மற்றும் ஆமணக்கு ஆராய்ச்சி நிலையம், தமிழ்நாடு வேளாண்மைப் பல்கலைக்கழகம், ஏத்தாப்பூர், சேலம்	2009	30
5	Kalarani. M.K., D. Raja, P. Janaki, R. Premavathi, R.	978-81-907792-0-3	Krishi Vigyan Kendra, Tamil Nadu Agricultural University, Sandhiyur,	2009	59

	Sivachandran and E. Vadivel. An Impact Assenment on Root Feeding of TNAU Coconut Tonic in Salem District		Salem, Tamil Nadu, India.		
	ஜானகி. பொ, து. ராஜா, எம்.கே. கலாராணி மற்றும் இ. வடிவேல் பருத்தி சாகுபடி	MASU - சிறந்த தமிழ் புத்தகத்திற்கான விருது - 2018	வேளாண்மை அறிவியல் நிலையம், தமிழ்நாடு வேளாண்மைப் பல்கலைக்கழகம், சந்தியூர், சேலம்-636 203.	2008	

Award/ Medals obtained :

S.No.	Name of the award	Year
1.	ICAR Junior fellowship	1983
2.	Best Farm Award in Farmers day	1994
3.	Best Extension worker	2004
4.	பராட்டுச் சான்றிதழ் - 25 வருடம் நன்னடத்தையுடன் சிறப்பாக பணிபுரிந்தமைக்காக	2012
5.	Appreciation certificate for active participant in kitchen garden campaign held during 10 th to 14 th August by Rotary clubs of Coimbatore and Thondamuthur	1989
6.	MASU Best Tamil book award for Cotton cultivation given on MASU Day 2009	2008

(ii) Editor-in-Chief / Membership in Editorial Boad / Peer Reviewer, etc.

S.No.	Role	Title of Journal	ISSN	Year
1.	Editorial Member	Journal of Innovative Agriculture	2394-5389	2017 onwards
2.	Editor	Newsletter, KVK, TNAU, Shanthiyur, Salem	-	2004 - 2019

12. Strength

TNAU has given me the equal opportunities to serve in teaching, research and extension. My involvement in the research, teaching and extension activities have resulted in obvious positive impact on both institutions and farmers' livelihood.

Teaching

- ❖ A total of 14 years experience in teaching, in which I have handled 10 UG courses, 2 PG courses, one ODL-DAI programme besides acted as Co-ordinator for NSS and RAWE programme.
- ❖ 8 practical manuals and course materials had been developed for UG students.
- ❖ Presently, I am guiding a Ph.D., scholar in Agronomy.

Research

- ❖ I have put in a total service of 27 years in research and mainly served as Agronomist in All India Coordinated Research Projects on Weed control, Forage Crops and Integrated Farming System.
- ❖ Besides, a total of 20 University Research Projects had been handled, through which 34 quality publications have been made in reputed international and national journals.
- ❖ I have attended 23 international/national seminar/symposia/conference/workshop and presented my research papers and I have also attended 22 national level training programme organized by various ICAR/SAU.
- ❖ Instrumental in bringing the farm to increase cropping intensity with limited manpower, generating income through seed & seed materials, neat maintenance which resulted in receiving best farm manager award during 1998 for doing good work.
- ❖ As a farm manager, facilitated and guided PG scholars for conducting experimental trials.

Extension

- ❖ I have served in KVK as Extension agronomist and also as Head for the period of 6 years, had the exceptional practical Knowledge and experience in precision farming and organic farming which are getting much accolades across the districts of Namakkal and Salem.
- ❖ During my stint as Programme Coordinator, KVK, Sandhiyur, I have received the best Extension Worker Award for the year 2004.
- ❖ According to the necessity, actively taking part and organising seminars, farmers meet, field days, kissan mela and harvesting days in the station and farmers' holdings across the zone has created greater impacts on the livelihood of the farming community.
- ❖ During the tenure in KVK, Sandhiyur, taking leadership role in implementing FLD, OFT and organizing capacity building programmes, hands on training, skill development and up gradation training and method demonstration on organic manure production and organic farming, precision farming techniques to enrich the

knowledge of the farmers, farm women, line department officials and NGO Staff in Namakkal and Salem district has brought in laurels to the institution.

- ❖ Got best MASU book award 2008 for publishing best tamil book on Cotton cultivation.

Administrator

- ❖ In KVK, Sandhiyur, solved the problem in releasing the fund from the council for construction of office buildings, farmers hostels and quarters.
- ❖ Established Soil Testing Lab with a budget out lay of 7.5 Lakhs and dug two borewells with motors for KVK farm.
- ❖ Created infrastructure facilities such as office cabin, computers, printers and intercom in KVK staffs room, utilizing the fund from Venture Capital schemes.
- ❖ Purchased one Jeep and one motor cycle from ICAR fund.

All my efforts on and off the field has fructified into 3 awards and quality publications of 34 international conference papers, 23 articles in the national symposium. Also, I have published 6 books in with ISBN, 34 booklets, 21 pamphlets, 25 popular articles, 3 CDs, and one success story.

13. Vision for the Institute

Teaching

- ❖ By convincing host institute about the importance of resource person, strengthening of teaching faculty will be done through recruiting qualified and sufficient number of staffs in the institute.
- ❖ Orientation courses for all the teaching staffs will be imparted through HRD and capacity building training programme.
- ❖ In order to improve the skills and update the knowledge of the teaching faculty and students, special lectures will be arranged at periodic intervals utilizing the technical experts/resource person from reputed institutions.
- ❖ Evaluation of teaching staffs will be done at regular intervals by the administrator based on the feedback from the students; accordingly incentives will be given to the best performer for every year.
- ❖ Maintaining smooth relationship between institute and staff members will be ensured which pave the way for achieving the vision.

Infrastructure

- ❖ Establishment of best instructional farm/crop cafeteria in the college farm area which will be the basis for core agriculture courses.

- ❖ Ensuring establishment of laboratory with all facilities for pathology, entomology including soil testing laboratory for understanding the basic principles.
- ❖ Model prototype and specimens for all the courses will be established which will be helpful for the students for better learning besides easy understanding of concepts and principles.

Students

- ❖ Development and strengthening relationship between institute Vs parents and Staffs Vs Students will be ensured for successful implementation of new initiatives.
- ❖ Special counseling will be done during week end for slow learners.
- ❖ Special Coaching class will be conducted for pursuing JRF in ICAR&IARI.
- ❖ Besides, motivating students on extracurricular activities viz., sports, music, dance, drawing and other cultural activities.
- ❖ Motivational classes will be organized with the help of TNAU Alumni IAS/IPS officers for preparing civil service and other competitive examination.

Institute –Public relationship

- ❖ Establishing plant clinic centre in the college premises, so that it will be useful for the farming community and learning of the students.
- ❖ Attending field diagnostic visits during peak cropping period by the concerned staffs along with students for having exposure on field oriented problems.
- ❖ Delivering talks on emerging issues and recent technology on agriculture in AIR/Community Radio and publishing articles in dailies/magazines.
- ❖ Strengthening linkage with extension line departments through attending monthly Zonal meeting.
- ❖ Collaboration with District Administration and lead banks, Line Departments for creating awareness on important issues in agriculture and disseminating the technologies.

By creating good environment for both students and staffs in the institute, helps in inculcating the students on moral value, ethics, sound practical oriented subject knowledge with good characters.