


## CURRICULUM VITAE

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<b>Designation:</b>	Assistant Professor (Horticulture)	
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<b>Scopus ID:</b>	52263785000	
<b>Vidwan-ID :</b>	151200	
<b>Google Scholar ID:</b>	TLStPbQAAAAJ	
<b>H-INDEX</b>	4	
<b>i10-index</b>	1	
<b>Citations</b>	58	

### Academic Qualification

S. No	Degree	Year	Subject	University/Institution	%ofmarks
1	Ph.D.,	2010	Horticulture in Fruit Science	HC&RI,TNAU, Coimbatore	8.60
2	M.Sc.,	2006	Horticulture in Fruit Science	HC&RI,TNAU, Periyakulam	7.97
3	B.Sc.,	2004	Horticulture	HC&RI,TNAU, Periyakulam	7.87

### Education Activities

Courses Handled as a Course teacher for UG

S.No	Year/ Duration	Title of the course/ credit hours	Degree programme offered to	No. of students
1	16.11.16 To 17.12.16	NSS 101 National Service Scheme (0+1) 2015-2016 batch IV SEM	B.Sc., (Agriculture)	50
2	16.11.16 To 27.12.16	NSS 101 National Service Scheme (0+1) 2016-2017 batch I SEM	B.Sc., (Agriculture)	66
3	31.01.17 To 18.07.17	HOR 211 Production Technology of Fruits and Plantation Crops (2+1) 2015-16 Batch	B.Sc., (Agriculture)	50
4	31.01.17 To 18.07.17	NSS 101 National Service Scheme (0+1) 2016-2017 batch II SEM	B.Sc., (Agriculture)	66
5	09.02.17 To 22.07.17	EXP 301 Commercial Nursery Technology of Horticultural Crops (0+5) 2014-15 Batch	B.Sc., (Agriculture)	24

6	11.04.17 To 28.07.17	HOR 312 Production technology of flower crops, medicinal and aromatic crops (2+1) 2014-15 Batch	B.Sc., (Agriculture)	52
7	28.08.17 To 13.01.18	NSS 101 National Service Scheme (0+1) 2016-2017 batch III SEM	B.Sc., (Agriculture)	66
8	01.09.17 To 27.01.18	HOR 111 Fundamentals of Horticulture (1+1) 2017- 18 Batch	B.Sc., (Hons.) Agriculture	67
9	01.09.17 to 27.01.18	NSS 101 National Service Scheme (0+1) 2017-2018 batch I SEM	B.Sc., (Hons.) Agriculture	67
10	20.02.18 to 03.08.18	HOR 112 Production Technology for Fruits and Plantation Crops (1+1) 2017- 18 Batch	B.Sc., (Hons.) Agriculture	67
11	20.02.18 to 03.08.18	NSS 101 National Service Scheme (0+1) 2017-2018 batch II SEM	B.Sc., (Hons.) Agriculture	67
12	20.02.18 to 03.08.18	HOR 311 Production Technology of Vegetables and Spice crops (2+1) 2015-2016 batch	B.Sc., (Agriculture)	50
13	17.08.18 to 05.01.19	HOR 111 Fundamentals of Horticulture (1+1) 2018- 19 Batch	B.Sc., (Hons.) Agriculture	92
14	17.08.18 to 21.11.18	NSS 101 National Service Scheme (0+1) 2018-2019 batch I SEM	B.Sc., (Hons.) Agriculture	92
15	03.09.18 to 28.01.19	HOR 211 Production technology for vegetables and spices (1+1) 2017-2018 batch	B.Sc., (Hons.) Agriculture	67
16	03.09.18 to 21.11.18	NSS 101 National Service Scheme (0+1) 2017-2018 batch III SEM	B.Sc., (Hons.) Agriculture	67
17	17.12.18 to 27.04.19	HOR 411 Production technology of Flowers, Medicinal and Aromatic crops (2+1) (2015-16 batch)	B.Sc., (Agriculture)	50
18	08.02.19 to 13.07.19	HOR 112 Production Technology for Fruits and Plantation Crops (1+1) (2018-19 batch)	B.Sc., (Hons.) Agriculture	92
19	26.08.19 to 30.12.19	HOR 111 Fundamentals of Horticulture (1+1) (2019 -20 batch)	B.Sc., (Hons.) Agriculture	94
20	23.09.19 to 01.02.20	HOR 311 Post harvest management & value addition of fruits & vegetable crops (1+1) 2017-18 Batch	B.Sc., (Hons.) Agriculture	67
21	18.02.20 to 20.07.20	HOR 112 Production Technology for Fruits and Plantation Crops (1+1) (2019-20 batch)	B.Sc., (Hons.) Agriculture	94
22	07.01.20 to 15.05.20	HOR 411 Production technology of Flowers, Medicinal and Aromatic crops (2+1) (2016-17 batch)	B.Sc., (Agriculture)	66
23	16.09.20 to 19.03.21	HOR 311 Post harvest management & value addition of fruits & vegetable crops (1+1) 2018-19 Batch	B.Sc., (Hons.) Agriculture	92
24	17.02.21 to 09.06.21	HOR 111 Fundamentals of Horticulture (1+1) (2020 -21 batch)	B.Sc., (Hons.) Agriculture	86

25	08.06.21 to 18.08.21	HOR 452 Commercial Nursery Technology of Horticultural Crops (0+10) 2017-18 Batch	B.Sc., (Hons.) Agriculture	67
26	12.08.21 to 03.12.21	HOR 112 Production Technology for Fruits and Plantation Crops (1+1) (2020-21 batch)	B.Sc., (Hons.) Agriculture	86
27	02.09.21 to 09.10.21	HOR 111 Fundamentals of Horticulture (1+1) 2020 batch at ADAC&RI, Trichy	B.Sc., (Hons.) Agriculture	112
28	28.10.21 to 18.02.22	HOR 112 Production Technology for Fruits and Plantation Crops (1+1) 2020 batch at ADAC&RI, Trichy	B.Sc., (Hons.) Agriculture	112
29	21.12.21 to 09.05.22	FLG 301 Principles of Landscape Architecture (0 + 1) 2019 batch at HC&RI(W), Trichy	B.Sc., (Hons.) Horticulture	65
30	08.03.22 to 01.06.22	HOR 211 Production technology for vegetables and spices (1+1)2020-21 Batch at AC&RI,Kudumiyamalai	B.Sc., (Hons.) Agriculture	86
31	08.04.22 to 17.08.22	HOR 211 Production technology of vegetables and spices (1+1) at ADAC&RI, Trichy	B.Sc., (Hons.) Agriculture	
32	19.9.22 to Till date	HOR 212 Production Technology for Ornamental Crops, MAPs and Landscaping (1+1)2020 batch at ADAC&RI, Trichy	B.Sc., (Hons.) Agriculture	112
33	19.09.22 to Till date	FSC 103 Tropical and Subtropical Fruits (2 + 1) 2021 batch	B.Sc., (Hons.) Horticulture	72
34	27.04.15to 04.07.15	HOR A22 Spices, Plantation and Medicinal Plant Culture (1+1) 2013-2015 batch	Diploma in Agriculture	48
35	15.09.15to 04.02.16	HOR A11 Propagation methods in Horticultural crops (0+1) 2015 to 2017 batch	Diploma in Agriculture	38
36	23.02.16to 29.07.16	HOR A12 Vegetable and Fruit culture (2+1) 2015 to 2017 batch	Diploma in Agriculture	38
37	23.02.16to 29.07.16	HOR A22 Spices, Plantation and Medicinal Plant Culture (1+1) 2014-2016 batch	Diploma in Agriculture	35
38	11.04.17to 06.07.17	HOR A21 Spices, Plantation, Medicinal plants and Floriculture (1+2) 2015-2017 batch	Diploma in Agriculture	38
39	10.06.17to 09.12.17	ODL-DAI-106 Horticulture (3+1) 2016- 2017 batch	Farming technology	50

**Courses Handled as a Course Associate for UG**

S.No	Year/ Duration	Title of the course/ credit hours	Degree programme offered to	No. of students
40		HOR111 Fundamentals of Horticulture	B.Sc., (Agriculture)	52

	05.05.15 to 11.07.15	(1+1) 2014-2015 batch		
41	13.08.15 to 04.01.16	HOR 211 Production technology of Fruits and Plantation crops (2+1) 2014-2015 batch	B.Sc., (Agriculture)	52
42	06.05.15 to 12.08.15	HOR A12 Vegetable Culture (1+1) 2014-2016 batch	Diploma in Agriculture	35

### Major academic accomplishments

1. Students obtained the M.Sc., ICAR Fellowship in various departments during the year 2014, 2015, 2016 and 2017 Batch of B.Sc., (Agriculture) students of AC&RI, Kudumiyamalai

2. Students obtained the university topper viz., Ms.Sarulatha 2014 batch, Ms. Pavithra and Mr.Ruban Cianna 2015 batch and Mr.Abishek 2017 batch B.Sc., (Agriculture) students of AC&RI, Kudumiyamalai.

### Research Activities

#### Projects handled

S.No	URP/ Ext. funded project	Project No.	Title	Period	Completed/ Ongoing
1	EFP (CO-PI)	FOR/HCRI/CB E/FRU/2017/R0 03	Exploration, characterization and utilization of under exploited fruit crops, viz., Jackfruit, Jamun and Custard apple in Tamil Ndu and adjoining states	01.09.17 to 31.08.2020 Budget: 48.00 lakhs	Completed
2	URP (PI)	HCRI/KDM/HOR/FRU/2016/00 1	Identification and evaluation of high yielding good quality Jack genotypes suitable for dry tracts of Tamil Nadu	June 2016 to May 2019	Completed
3	URP (PI)	HCRI/KDM/HOR/FRU/2020/00 1	Multiplication and Evaluation of Identified Elite Jackfruit Genotypes in Farmers' holding of Pudukkottai District	January 2020 to 05.10.21	Handed over to Dr.K.R.Vijayalatha Asst.Prof.(Hort.), AC&RI,Kudumiyamalai
4	URP (PI)	HCBE- TKD-FRU-10-001	"Evaluation of rootstocks for Mandarin in the Lower Pulney Hills" at HRS, Thadiyankudisai	15.09.14 to 07.04.15 (6 months 23 days) worked on this scheme	Handed over to Dr.Muthuramalingam Asst.Prof.(Hort.) HRS, , Thadiyankudisai

5	URP (PI)	HCBE -TKD - FRU-10-002	“Evaluation of Avocado genotypes for yield and quality in the Lower Pulney hills”	15.09.14 to 07.04.15 (6 months 23 days) worked on this scheme	Handed over to Dr.Muthuramalingam Asst.Prof.(Hort.) HRS, , Thadiyankudisai
6	URP (PI)	HCBE –TKD- FRU-10-003	“Evaluation of Litchi genotypes for yield and quality in the Lower Pulney hills”	15.09.14 to 07.04.15 (6 months 23 days) worked on this scheme	Handed over to Dr.Muthuramalingam Asst.Prof.(Hort.) HRS, , Thadiyankudisai

#### Scheme proposed for External Funding Agencies:

S.No	Title of the Project	Funding Agency	PI /Co-PI	Status
1	DST Project Proposal for 2022 Collection and biochemical analysis of low sugar content jackfruit genotypes suitable for diabetic patients	Department of Science and Technology (DST), SERB, New Delhi	<b>PI:</b> Dr.R.Jayavalli Assistant Professor (Horticulture)	Project proposal submitted to the SERB and it is under preliminary scrutiny (file no SUR/2022/000294 and Reference No. : 132022001971).
2.	DBT: Identification and molecular characterization of Jackfruit genotypes suitable for small families	Department of Biotechnology (DBT), New Delhi	<b>PI:</b> Dr.R.Jayavalli Assistant Professor (Horticulture)	Submitted to the Directorate of Research, TNAU, and Coimbatore for Approval of Director of Research, TNAU, Coimbatore on 23.01.23

#### Major Research Accomplishments

1. Breaking the intergeneric hybridization barrier in *Carica papaya* and *Vasconcellea cauliflora*
2. Transmission of Resistance to *Papaya Ringspot Virus (PRSV)* in Intergeneric Populations of *Carica papaya* and *Vasconcellea cauliflora*”
3. Involved in Papaya Ring Spot Virus tolerant papaya production
3. Identified elite Jackfruit genotypes suitable for Small families
4. Identified Low TSS content Jackfruit genotypes suitable for diabetic patients

## Reviewer

Member of reviewer for Elsevier journal

### Major Extension Accomplishments

1. Team member of Base line survey and quick random roving for the scheme “Replanting and Rejuvenation of Coconut Garden 2017-18” on 01.09.17
2. Team member of Base line survey and quick random roving for the scheme “Replanting and Rejuvenation of Coconut Garden 2017-18 on 04.09.17
3. Member of Accreditation and rating of Horticulture Nursery on 12.10.17 and 13.10.17 at SHF, Nattumangalam , Vallathirakottai and Kudumiyamalai
4. TANHODA-TNAU/Inspection of state horticulture farm on 29.01.18 at SHF, Kudumiyamalai, Vallathirakottai and Nattumangalam

Sl. No.	Name of Office	Title of the talk/programme	Date	TV/Radio station
i.	Prasar Bharati Indias Public Service Broadcaster, All India Radio, Trichy	Vegetable Crops	04.10.17	06.30 am in our Uzhavargaluku Chunk
ii.	Prasar Bharati Indias Public Service Broadcaster, All India Radio, Trichy	Value addition of Jackfruit	21.10.17	07.25 pm 15 MTS, All India Radio, Trichy
iii.	Prasar Bharati Indias Public Service Broadcaster, All India Radio, Trichy	Hi Density Planting of Mango	29.09.18	07.25 pm 15 MTS, All India Radio, Trichy

### Additional Responsibilities

#### Coordinator/ Tour in-charge/ Project guide /NSS/ Farm Manager/ Others

S.No	Additional Responsibility	Period	Year
1	Associate Year Coordinator for IV B.Sc., (Ag.) 2014-2018 batch at AC & RI, Kudumiyamalai	05.10. 17 To 05.06.18	8 months 2 days
2	Staff Associates for Shuttle Badminton at AC & RI, Kudumiyamalai	14.10.15 to 03.01.19	3 years 3 months 18 days
3	NSS Programme Officer at AC & RI, Kudumiyamalai	14.11.16 to 21.11.18	2 years 8 days
4	Members of women Harrssment cell at AC & RI, Kudumiyamalai	17.09.18 to 7.8.21	2 years 9 mnths
5	Established Mini orchard in old Farm (0.25ha) at AC & RI, Kudumiyamalai	08.04.2015 to 7.04.18	3 years
6	Established 6 acres orchard and Farm manager in Horticulture Farm at AC & RI, Kudumiyamalai	08.04.2018 to 7.8.21	3 years

7	Farm manager at HC&RI(W),Tiruchirapalli	01.12.22 to till date	1 month and 19 days
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### Trainings/ Conferences organised

S.No	Training	Duration	Year
1	Ecofriendly pest management in vegetable crops” to the tribal farmers organized by Directorate of Centre for Plant Protection Studies (CPPS), TNAU, Coimbatore at HRS, Thadiyankudisai on 04.12.14	One day	2014
2	Training on improved cultivation technologies for spices and herbal spices to the farmers at HRS, Thadiyankudisai on 03.03.15	One day	2015
3	Meeting of the regional research and extension advisory council (RREA C) for the hill and high-altitude zone organized by HRS, Thadiyankudisai on 13.02.15	One day	2015
4	6 <sup>th</sup> Indian Horticultural Congress-“Horticulture for Inclusive Growth”-Member of Farmers Scientistists Interactive Session Committee on 6.11.14 to 9.11.14 (4 days)	4 days	2014
5	Exhibition prepared in the ICAR and TNAU Jointly Organized National Farmers Meet in Horticultural Crops 2015 on 14.03.15 at Regional Research Station (RRS), Paiyur	One day	2015

### Trainings/ conferences attended

S.No	Training	Duration	Year
1	Capacity building Programme on Effective Office Administration organized by Anna Institute of management, Chennai at TNAU, Coimbatore	3 days	2015
2	NSS Programme Officer –NSS Orientation Training Programme at Empanelled Training Institute, Sri Avinashilingam Institute for Home Science and Higher Education for Women, Avinashilingam University, Coimbatore	7 days	2017
3	Attended training programme on “Appropriate” usage of new media tools in technology transfer” conducted by MANAGE Hyderabad at AC&RI, Kudumiyamalai	3 days	2018
4	49 <sup>th</sup> NABS National Conference on New Biological Researches: Opportunities and Challenges for Sustainable	2 days	2016

	Development held at Madurai Kamaraj University, Madurai		
5	National conference on Agrotechnology and profitable marketing of tropical medicinal and aromatic plants at TNAU, Coimbatore	2 days	2014
6	6 <sup>th</sup> Indian Horticultural Congress-“Horticulture for Inclusive Growth organised by Horticultural Society of India and TNAU held at Codissia Trade Fair Complex, Coimbatore	4 days	2017
7	National seminar on biovision-2014 (Recent trends and future perspectives of biosciences) Arumugam Pillai Seethai Ammal, College, Thirupathur	2 days	2014
8	Ariviyal tamilyl velanmai at Anbil Dharmalingam Agricultural College and Research Institute,Trichy	2 days	2016
9	National meet on distant hybridization in horticultural crop improvement, ICAR-Indian Institute of Horticultural Research and Society for Promotion of Horticulture, Hesaraghatta, bangaluru	2 days	2015
10	3 <sup>rd</sup> International Symposium on Underutilized Plant Species Exploration and Conservation for Future Generation, ISHS, ICARN and TNAU held at Agricultural college and Research Institute, Madurai	4 days	2015
11	3 day E-Content (Tamil) Development workshop organized by Tamil Ariviyal Velanmai at Alagappa University, Karaikudi	3 days	2016
12	Participated in the Faculty Sensitization Workshop on “Triggering Innovations in Research on at TNAU, Coimbatore.	1 day	2018

## Publications

### Research Articles

#### Publications – With NAAS > 6.0

**Jayavalli, R.** Balamohan, T.N. Manivannan, N. and Govindaraj, M., 2011. Breaking the intergeneric hybridization barrier in *Carica papaya* and *Vasconcellea cauliflora*. **Scientia Horticulturae** 130 (2011)787-794.

**R.Jayavalli,** T.N.Balamohan, N.Manivannan, R.Rabindran, P.Paramaguru and R.Robin(2015). Transmission of resistance to papaya ringspot virus (PRSV) in intergeneric populations of *Carica papaya* and *Vasconcelleacauliflora*. **Scientia Horticulturae (187):** 10-14.

#### Publications – With NAAS < 6.0

**Jayavalli, R.** Balamohan, T.N. Manivannan, N. and Tamil Selvi, P., 2012. Physiological and Biochemical Characterization of Intergeneric Hybrids of Papaya. **Madras Agric.J.**, 99 (4-6):161-165.

**Jayavalli, R.** Balamohan, T.N. Manivannan, N. and Robin, S., 2012. Analysis of Intergeneric Hybrids for Morphological Traits. **Madras Agric.J.**, 99 (4-6):166-170.

**R. Jayavalli.** Identification and Evaluation of High Yielding Good Quality Jack Genotypes.2020. Int.J.Curr.Microbiol.App.Sci (2020) 9(6): 2429-2456.

**R. Jayavalli.2022.** Low TSS content Jackfruit genotypes suitable for diabetic patients. J Krishi Vigyan 2022, 11 (1) : 198-205 DOI : 10.5958/2349-4433.2022.00129.5

### **Impact Factor journal**

Jayavalli R (2022) Screening of Carica papaya x Vasconcellea cauliflora Hybrids for Resistance to Papaya Ring Spot Virus (PRSV). J Horti Sci & Crop Res 2(1): 103.ISSN:2767-8709 Impact Factor:2.3\* DOI:10.15744.

Jayavalli R (2022) PRSV Scoring of Carica Papaya and Intergeneric F1 Hybrids of Carica Papaya X Vasconcellea Cauliflora Under Field Condition. J Elect & Telecomm Eng. 1: 1-6. Impact Factor:3.33

### **Books**

1. **R.Jayavalli.**2022.Production technology for fruit and plantation crops. KALYANI PUBLISHERS.978-83-55-40 25 54.Rs.275/-.

2. S.Praneetha, M.Tamilselvan, S. Muthuramalingam, **R.Jayavalli**, M.Muthuswamy and K.Muthuraj.2015.Vasanaimatrum moolikai vasanaipayirkalil mepaduthapatta sagupadi kurippukal. Horticultural Research Station, Thadiyankudisai. **ISBN: 978-81-926783-7-5.**Gowri Printers, 5/108, Indira Priyatharshini Nagar, Y.Othakadai,Madurai-625 107.

### **Book Chapters**

R.Jayavalli.2022. Induction of off season bearing in Mango .Interdisciplinary Research in Agriculture and Plant Sciences. MKSES Publication, Lucknow, India. ISBN: 978-93-91248-11-6 75. Chapter: 9. pg.no.75-90.

R.Jayavalli.2022. Lawn and lawn making. Nila Eliluttam. TNAU Press, Coimbatore. ISBN: 978-81-95572-83-0.Chapter:6.pg.no.78-83.

### **Conference Papers**

1. **R.Jayavalli**, M.Selvarajan and N.Kumar.2015. Induction of off-season bearing in Mango (*Mangifera indica* L.) cv. Neelum. National Seminar on “Recent Technologies for Higher Production of Horticultural Crops” held on 1<sup>st</sup> October 2015 at Adhiparasakthi Horticultural College, G.B. Nagar, Kalavai, Arcot, Vellore District.pp: 103-105. **ISBN: 9789381993897**

2. **R.Jayavalli** and T.N.Balamohan.2015.Intergeneric hybrids of *Carica papaya* and *Vasconcellea cauliflora*. National Seminar on “Recent Technologies for Higher Production of Horticultural Crops” held on 1<sup>st</sup> October 2015 at Adhiparasakthi Horticultural College, G.B. Nagar, Kalavai, Arcot, Vellore District. pp: 32-35. **ISBN: 9789381993897**
3. **R.Jayavalli**, M.Selvarajan,N.Kumar, S. Praneetha, M. Tamil Selvan and S. Muthuramalingam (2014). Effect of spacing, pruning and paclobutrazol on growth parameters of off- season mango (*Mangifera indica* L.) cv. Neelum. In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 94-97.**ISBN:978-81-924835-3-5.**
4. **R.Jayavalli**, M.Selvarajan, N.Kumar, S.Praneetha, M.TamilSelvan and S. Muthuramalingam 2014. Effect of spacing, pruning and paclobutrazol on yield and quality parameters of off- season mango (*Mangifera indica* L.) cv. Neelum.In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 98-102. **ISBN:978-81-924835-3-5.**
5. M. Tamil Selvan, J.S.Bal, S. Muthuramalingam,**R.Jayavalli** and S. Praneetha (2014). Studies on influence of different post harvest treatments on the quality and shelf life of Sardar guava (*Psidium guajava*) during storage. In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp:54 - 59. **ISBN:978-81-924835-3-5.**
6. M. Tamil Selvan, S. Praneetha,**R.Jayavalli** and S. Muthuramalingam (2014). Studies on the suitability of medicinal plants for rainfed alfisol conditions of Sivagangai district. In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 50-53. **ISBN:978-81-924835-3-5.**
7. S. Praneetha,**R.Jayavalli**, M. Tamil Selvan and S. Muthuramalingam (2014). Effect of Calcium Chloride on the post harvest quality and storage life of guava (*Psidium guajava*) cv. Citidar. In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 42-45. **ISBN:978-81-924835-3-5.**
8. S.Praneetha, D.Veeraragavathatham, **R.Jayavalli**, M.TamilSelvan and S.Muthuramalingam (2014). Validation of hybridity through bud pollination and similarities of conventionally hybridized and bud pollinated tomato seedlings.In the *UGC Sponsored national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5-6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp:46-49. **ISBN:978-81-924835-3-5.**
9. S. Muthuramalingam, K.Rajamani, S. Praneetha, M. Tamil Selvan and **R.Jayavalli** (2014). A comparative study on rust resistance Arabica coffee (*Coffea arabica* L.) *national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5- 6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 128-132. **ISBN:978-81-924835-3-5.**
10. S. Muthuramalingam, K.Rajamani, S. Praneetha, M. Tamil Selvan and **R.Jayavalli** (2014). Evaluation of Arabica coffee (*Coffea arabica* L.) Genotypes for yield and

quality parameters. *national seminar on biovision-2014* (Recent trends and future perspectives of biosciences) held during 5- 6 September, 2014 at Arumugam Pillai Seethai Ammal College, Thirupathur. pp: 133-137. **ISBN:978-81-924835-3-5**

11. **R.Jayavalli**, M.Selvarajan and N.Kumar.2016. Paruvamatra kalanilaikalyl mampazha urpathi. Ariviyal tamilyl velanmai. Ayvu malar. Anbil Dharmalingam Agricultural College and Research Institute,Trichy on 05.05.16 to 06.05.16. pp.835-837. **ISBN:81-902877-3-7**
12. **Jayavalli**, P.Kokila, R.Sarulatha, R.Kalaiarasi, R.Revathi and K.Sivasubramaniam.2019. Performance Assessment of Pudukkottai local Brinjal. National Conference on “Climate Smart Agriculture for Livelihood Security: Challenges and Opportunities”-ADAC&RI, Trichy-13<sup>th</sup>-14<sup>th</sup> September, 2019-2019-B37. pp:76.
13. **R. Jayavalli**. 2019. Identification of high yielding good quality Jackfruit genotypes under Pudukkottai Districts. Proceedings of National Conference 2019 at AEC&RI, Kumulur to be held on 20.12.19 to 21.12.19.pp:.82-92.**ISBN:978-93-5001-594-0**.
14. R. Jayavalli, C.Indu Rani, A.Sabir Ahamed, R.Arulmozhiyan and P.Paramaguru. 2022. Performance assessment of polyhouse cultivation of chrysanthemum under sodic soils. 6<sup>th</sup> National Conference Salinity Management for Land Degradation Neutrality and Livelihood Security under Changing Climate Tiruchirappalli.