

BIO-DATA OF Dr. K.M.Sreekumar

1.	Name in full (Surname followed by forename)	Dr. K.M.SREEKUMAR
2.	Date of Birth	1-05-1965
3.	Field of Specialization	Agri. Entomology, Biological control
4.	Designation and Place of work	Professor Department of Entomology College of Agriculture, Padnekkad KAU, Kasaragod Dist.
5.	Address for Correspondence	Department of Entomology College of Agriculture, Padnekkad KAU, Kasaragod Dist. 671314
6	Tel No. E.Mail Mob. No.	04672280616 sreekumar.km@kau.in 9447691821

7. Academic career and professional attainments (M. Sc. Onwards)

Degree	Field of specialization	Year of passing	Institution	Thesis / Dissertation title
M.Sc. Agriculture	Entomology	1990	Kerala Agrl. Univ.	Biology and Biometry of <i>Neochetina eichhorniae</i> (Curculionidae: Coleoptera) and the nature of damage caused by it on <i>Eichhornia crassipes</i>
Ph.D.	Entomology	1997	Indian Agrl. Res. Institute, New Delhi	Development of a labour efficient Technology for the mass production of the egg parasitoid <i>Trichogramma</i> <i>brasiliensis</i>

8. Employment record

Employer	Post held	Date of Joining	Date of leaving
Department of Agriculture, Kerala State	Agricultural Officer	21-4-1989	9-3-1998
Biotech International Limited, New Delhi	Senior Entomologist	16-3-1998	13-11-1998
Kerala Agricultural University	Assistant Professor (Ag.Entomology)	From 18-11-1998	17.11.2007
Kerala Agricultural University	Associate Professor	18.11.2007	17.11.2013
Kerala Agricultural University	Professor	18.11.2013	Continuing

9. Awards and Professional recognitions.

Sl No	Name of the Award/Prize/Recognition/Reviewer	Year	Remarks
1	KAU appreciation	2007	For securing Externally Aided Research Project
2	Essense global man award of the year 2019	2019	For dissemination of science in the society

Externally Funded Projects undertaken

	Title	Year	Amount	Funding agency
PI	Adaptive trials and frontline	2000	1 lakh	DoA, Govt. of Kerala
Co-PI	Collection and documentation of indigenous technical knowledge (ITKs) in the farming systems of Kerala'	2003	2 lakhs	State Planning Board, Govt. of Kerala
Co-PI	Evaluation of Macromanagement schemes of the Department of Agriculture of Kasaragod District	2006-07	1 lakhs	DoA, Govt. of Kerala
PI	Validation of Indigenous knowledge related to farming in North Malabar	2007-10	10 lakhs	State Planning Board, Govt. of Kerala
Co-PI	Mapping of Farm Innovations in Kerala	2010-2012	1 lakhs	State Planning Board, Kerala
PI	"Sugandhi- Integrated Pepper Development Projectg for Wayanad District"	2010-2015	205 lakhs	Govt. of Kerala
PI	KS ACC-Management of tea mosquito bugs in cashew using red ants	2011-2014	6 Lakhs	KSACC
PI	KSCSTE- Utilization of Red Ants for the Pest Management in Vegetables	2011-2014	7.7 Lakhs	KSCSTE
Co – PI	Hariyali project of Nileswar block	2007-2011	16.36 Lakhs	Nileswar block Panchayath
Co – PI	Paddy mission sub project- Managing leech menace in paddy fields	2009-2012	1 lakh	Govt. of Kerala-RKVY Project
Co – PI	Establishment of Organic Input Production and Technology Support Center in CoA	2011-2014	175 Lakhs	State Planning Board
Co – PI	Development of Technologies including alternatives for banned pesticides for the management of pests and disease of major crops in Kerala	2012-2014	13.47 (for Padnekkad centre)	Govt. of Kerala-RKVY Project

PI	Integrated Pepper Research and Development Project for North Kerala Districts	2014-2018	100	Govt. of Kerala
PI	Pest surveillance in Kasaragod district	2014-2017	75	Govt. of Kerala
PI	Strengthening support for scientific Agricultural Development in North Malabar	2019-2020	5 lakhs	Govt. of Kerala

Extension activities

I. As Team leader/Project leader

- Conducted '**Plant Protection campaign in Cashew**' – Funded by Directorate of Cashewnut and Cocoa, Govt. of India at a total cost of Rs. 1 lakh.
- An '**Agroclinic**' facility was set up at College of Agriculture, Padannkkad worth Rs. 10 Lakhs funded by the District Panchayath, Kasaragod. This facility comprises of a training hall containing latest multimedia and audio-visual facilities, an exhibition hall with blowups and specimens of important pests and diseases and a facility for multiplication of biological control agents

II. Other activities

- Resource person for handling **classes / training** for farmers, Kudumbasree, Farmers' Organizations, Agricultural Officers and Agricultural Assistants on various Integrated Pest management, Bio-control of crop pests, Watershed management, Water conservation, Sustainable agricultural development etc.
- Conducted about sixty eight **Agro-clinics** for farmers with final year students in different parts of Kasaragod, Kannur and Wayanad districts- details attached.
- Offering **plant protection consultancy service** to farmers, farmer organizations etc.
- **Visited farmers' fields** and suggested measures for crop and soil management
- **Resource person in Workshops, Research-Extension Interface, Meetings convened by Department of Agriculture, Research institutes etc.**
- **Member of Multi Disciplinary Diagnostic Team(MDDT)** of Kasaragod, Kannur and Kozhikode Districts.
- **Resource Person in District and Block Level Expert Committee on Agriculture and allied subjects** in screening and appraisal of projects on Agriculture and allied subjects prepared by different Panchayaths, Blocks and Kasaragod district.
- **Chairman** – Block Level Expert Committee on Animal husbandry and dairying of Nileswar Block, Kasaragod in 2007 and Kanhangad (Agriculture) in 2008

- Given **training** to People's Representatives from various Panchayaths of Kannur and Kasaragod districts under People's Planning Programme of the State Govt.
- Given **radio talks and some interviews** on pest and disease management and organic farming in All India Radio

14. Publications

RESEARCH PAPERS			
1.	Allelopathic effects of leaf leachates of multipurpose trees on vegetables, Short Communication,	2007	<i>Allelopathy journal</i> 19 (1): 507-516, Tables:2,figs:2
2.	Allelopathic effects of leaf loppings of multipurpose trees and Cashewnut shell liquid to control coconut root grub (<i>Leucopholis coneophora</i> Bur.), Short Communication,	2004.	<i>Allelopathyjournal</i> 14 (2): 221-226, Table:1,fig:1
3.	Viral diseases of black pepper and their management	2003	<i>Indian Journal of Arecanut, Spices and Medicinal plants</i> 5 (3): 96-102
4.	Host egg parasitization and development of <i>Trichogramma brasiliensis</i> Ashmead (Hymenoptera: Trichogrammatidae) in a modified illumination and parasitization chamber.	2002	<i>Journal of Biological control</i> 17 (2) 2003.
5.	A <i>Corcyra</i> egg card making machine for the mass production of <i>Trichogramma</i> spp.	2002	<i>Journal of Biological Control</i> 15 (2), 2001
6.	Labour efficient technology for the mass production of rice meal moth <i>Corcyra cephalonica</i> ..	2000	<i>Indian Journal of Entomology</i> 62 (3), September 2000.
7.	A hygienic and labour efficient method for cleaning eggs of <i>Corcyra cephalonica</i> Stainton (Lepidoptera:Pyralidae).	1997	<i>Indian Journal of Entomology</i> 59 (2), June 1997.
8.	Effect of temperature on the developmental rate of <i>Trichogramma brasiliensis</i> Ashmead (Hymenoptera:Trichogrammatidae)	1997	<i>Shashpa</i> 4 (1); 17-21
9.	Optimum population of <i>Neochetinaeichorniae</i> Warner (Coleoptera: Curculionidae) required for the supression of <i>Eichornia crassipes</i> (Mart.) Solms.	1996	Indian Journal of Entomology, June,1996
10.	Estimation of population of adult <i>Neochetina eichorniae</i> Warner (Coleoptera: Curculionidae) using feeding scars on the leaves of water hyacinth.	1996	<i>Shaspa</i> 3 (2): 161-162
11.	<i>Kumil rogam moolamulla machinga pozhichil</i> (Button shedding due to fungal diseases)	2004	Indian coconut Journal 33 (4),2004

12.	Ecofriendly management of coconut root grub <i>Leucopholis coneophora</i> Burm.	2015	Journal of Tropical Agriculture 53 (2) : 222-226, 2015
13.	Managing tea mosquito bug (<i>Helopeltis antonii</i> Sign.) in cashew by augmenting red ants (<i>Oecophylla smaragdina</i> (F.))	2011	Journal of Plantation Crops, 2011, 39 (1): 110-113
14.	Endosulfan:Analyses Sans Logic		Current science Vol 108, No 7 (2015)
15.	A critique of the epidemiological studies on health in allegedly endosulfan-affected areas in Kasaragod, Kerala	2013	CURRENT SCIENCE, VOL. 104, NO. 1, 10 JANUARY 2013
16.	The endosulfan episode: common sense versus science	2013	CURRENT SCIENCE, VOL. 105, NO. 7, 10 OCTOBER 2013
17.	Ecological studies on red ant <i>Oecophylla smaragdina</i> (Fab.)	2018	ENTOMON 42(1) : Article No. ent. 42105
18.	Use of red ant, <i>Oecophylla smaragdina</i> in the management of pests of cowpea	2018	ENTOMON 43(1): (2018) Article No. ent. 43104
19.	Evaluation on the effect of mineral nutrition in the management of spotted pod borer <i>Maruca vitrata</i> (Fabricius) and Blue butterfly <i>Lampides boeticus</i> (L) of cowpea	2018	ENTOMON 43(1): 71-76 (2018)
20.	First report of the invasive South American pinhole borer <i>Euplatypus paralellus</i> (F) (Coleoptera: Curculionidae: Platypodinae) on arecanut K.M.	2018	ENTOMON 43(4) 293-294(2018)
21.	Study on adult emergence, female calling and mating behaviour in <i>Maruca vitrata</i> F. (Lepidoptera: Crambidae) in Kerala, India	2019	ENTOMON 44(1): 73-78 (2019)
22.	What every extension advisor should know about organic farming	2017	Agril. Extension in south Asia journal, April, 2017
23.	Population dynamics of red ant <i>oecophylla smaragdina</i> in cashew orchards and its augmentation for biological control	2019	Pest Management in Horticultural Ecosystems, December 2019

Sl. No	Title of publication	Year of publication	Name of Journal / publisher & Place of publication	Author(s)
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BOOKS				
1.	Indigenous Knowledge of farming in North Malabar,	2006	Published by Centre for Environment Education, Nehru foundation for Development, Thaltej Tekra, Ahmedabad.	Sreekumar, K.M, C.Thampan and M.Govindan
2.	Handbook for field level Diagnosis and Management of Diseases, Insect Pests and Nutritional Disorders in Coconut based cropping systems.- In English and Malayalam and Interactive CD Vol I –Coconut Vol II- Arecanut Vol III- Banana Vol IV- Cocoa Vol V- Pepper, Vanilla, Nitmemeg	2007	Published by KAU	Sreekumar, K.M. Jacob John, Joy, M., Roy Stephen, Uma Maheswaran
3.	<i>Uthara keralathile kaarshika naattarivukal</i> (ITKs in farming of North Kerala	2012	Published by KAU	Sreekumar, K.M, C.Thampan and M.Govindan
4.	Towards better pest management	2015	KAU	K.M.Sreekumar
5.	Pachakkari vilakal field guide	2017	KAU	K.M.Sreekumar, M.Govindan, Ushakumari and Madhu s.
6.	Carterude Kazhukan- Jaiva krishi Sadhyathathum sadhuthayum	2017	DC Books, Kottayam	Ravichandran and K.M.Sreekumar
PROCEEDINGS				
7.	Sasya samrakshanam Kasaragod jillayil (Plant Protection in Kasaragod district)	2005	In: Proceedings of the District Study congress of Kasaragod Dist. Panchayath	Sreekumar, K.M. Joy, M.
8.	Karshika gaveshana sthapanangalum jillayude karshikabhivridhiyum	2005	In: Proceedings of the District Study congress of Kasaragod Dist. Panchayath	Sreekumar, K.M. C.Thampan , P.C.Balakrishnan
9.	Jillayile Jalasechanam: Prashnangalum sadhyathakalum	2005	In: Proceedings of the District Study congress of Kasaragod Dist. Panchayath	Sreekumar, K.M., Saramma Johnkutty, C. .Thampan, A. Anilkumar
BOOK CHAPTER				

10.	<i>'Neerthadadhistitha vikasana paripatiyil jalasambharanathintepradhan yam'</i> in Neerthadadhishtitha sameepanam samagra pazbhoomi vikasanathinu (Importance of water conservation in Watershed development In integrated wasteland development programme),		(Ed.C.Thampan, Manoj P Samuel and K. Manikandan) Kasaragod District Panchayat and CPCRI, Kasaragod, Pp: 62-66 (In Malayalam)	Sreekumar, K.M. 2005
11.	'Local Participation for successful water harvesting' In: <i>Watershed Based Approach for Sustainable Development</i>	2004	(Eds. V. Rajagopal, S. Arulraj, B.T.Rayudu and M.P. Samuel) pp. 106-110, Central Plantation Crops Research Institute, Kasaragod, Kerala.	Sreekumar, K.M.
12.	'Check dam construction using galvanized iron sheets-A farmer innovation' In: <i>Watershed Based Approach for Sustainable Development</i>	2004	(Eds. V. Rajagopal, S. Arulraj, B.T.Rayudu and M.P.Samuel) pp. 91-93, Central Plantation Crops Research Institute, Kasaragod, Kerala	Sreekumar, K.M.
13.	'Local Participation for successful water harvesting' In: <i>Watershed Based Approach for Sustainable Development</i>	2003	(Eds. V. Rajagopal, S. Arulraj, B.T.Rayudu and M.P.Samuel) pp. 102-106, Central Plantation Crops Research Institute, Kasaragod, Kerala (Malayalam)	Sreekumar, K.M
14.	'Alternative perspective in Agriculture'	2003	(In) Souvenir of the Kerala Sasthra Sahithya Parishad Annual Meeting, 2003 (Ed) K.K. Narayanan. Kerala Sasthra Sahithya Parishad, Kannur.	Sreekumar, K.M.
15.	. ' <i>Parisaramaringukondulla keedaniyanthranam</i> (Ecologically sustainable Integrated Pest Management). pp.71-75,	2003	In Bhakshya surakshakku susthirakrishi (Sustainable Agricultural Development for food security). Community Agro-Biodiversity center, M.S. Swaminathan Research Foundation, Kalpetta, Kerala (Malayalam).	Sreekumar, K.M.
16.	Crop health issues in kasaragod district and organic farming policy implications	2017	Book published by Nehru Arts and Science College, Kanhangad	Sreekumar, K.M.
TECHNICAL BULLETIN				
17.	<i>Sasyasamrakshanam Kasumavu Krishiyil.</i> (In Malayalam)	2003	Directorate of cocoa, and cashewnut , Cochin and KAU	Sreekumar, K.M, Joy, M and Abdulsalam,

				M.
18.	<i>Samyojitha sasyasamrakshanam in cucurbitaceous vegetables</i> (Integrated pest and disease management in cucurbits)	2004	Published by Kasaragod Dist. Panchayath under Agroclinic Project.	Sreekumar, K.MandJoy, M
19.	<i>Samyojitha sasyasamrakshanam in paddy</i> (Integrated pest and disease management in paddy)	2004	Published by Kasaragod Dist. Panchayath under Agroclinic Project.	Sreekumar, K.Mand Joy, M
20.	<i>Samyojitha sasyasamrakshanam in vanilla</i> (Integrated pest and disease management in vanilla)	2004	Published by Kasaragod Dist. Panchayath under Agroclinic Project.	Sreekumar, K.Mand Joy, M
21.	Integrated pest and disease management in summer vegetables (in Malayalam)	2004	Published by Kasaragod Dist. Panchayath under Agroclinic Project.	Sreekumar, K.M andJoy, M
TRAINING MANUAL				
22.	‘Vanilla Cultivation’	2006	KAU	Pradeep Kumar.T. M. Joy and Sreekumar. K. M.
23.	IPM in vegetable crops	2003	(In) Training manual on Vegetable production and Processing, 4 th and 5 th March, 2003 at College of Agriculture, Padannakkad. Pp: 24-35	Sreekumar, K.M, G.K.Mahapatro, D.V.Sairamkumar and B.Ramesha
24.	The relevance of biological control in Kerala	2007	Training Manual on organic farming	K.M.Sreekumar, Amritha, V.S. and Sible, G.V.

TRAINING ACTIVITIES

- **FARMERS TRAININGS / SEMINARS - from September, 2009 to September, 2012 only)**

DATE	ITEM	TOPIC	ORGANISER
19.10.09	Training to farmers	Check dams & Bio pesticides	KAU
29.09.09	Farmers training at Udma, Kasaragod	IPM in seed plots	DO A Udma, Mangad
06.10.09	Training to farmers	IPM in vegetables	"Nileshwar
21.10.09	Farmers training	Biocontrol	RATTC Taliparamba
10.11.09	Training to farmer	IPM in paddy	ATMA at Azhikode, Kannur
18.11.09	Farmers training	IPM in Paddy	RATTC Taliparamba
09.12.09	Training to farmers	IPM in vegetables	ATMA
13.1.10	Training	Integrated Pest Management	RATTC Taliparamba- Panathady
14.1.10	Farm field school	Punjangod	Krishi Bhavan Mulivar
19.1.10	Training	Agriculture for pollination	Horti crop. And KB Kallar
08.02.10	Training to farmers	IPM in coconut and rice	Kolacheri, Kannur District Panchayath

11.03.10	Seminar to farmers as part of RA WE	Scientific management of crops	Karivellur
23.3.10	Farmers seminar	Bee keeping	KVIC Ramnagar Kanhangad
19.8.10	Farmers seminar	IPDM in fruits and vegetables	VFPCKatBedadka
17.12.10	Farmers seminar	Talk on Plant protection in paddy, vegetables and banana	KVK Kasaragod
14.10.11	Training to farmers	IPDM in fruits and vegetables	VFPCK Kasaragod
31.10.11	Training to farmers	Bee keeping	KSACC Kasaragod
29.03.11	Farmers seminar	Management of pesticide hazards and water pollution in agricultural fields	RARS Pilicode
26.11.11	Training	biological control of pests	District Co-op.Bank,Kasaragod, Farmers club
01.03.12	Farmers Seminar	Management of Pesticide Hazards	RARS Pilicode
28.02.12	Farmers Seminar 1	Use of Bio agents	CPCRI Kasaragod
28.05.12	Farmers Seminar	IPM in coconut	Konnakkad
10.07.12	Block level farmers training	Pepper cultivation	Kalpetta, Wayanad
07.07.12	Farmers seminar	IPM in paddy	Kolathur SCB
30.01.12	Agricultural Seminar	Scientific Management of Crops	DOA, Trikaripur
25.05.12	Seminar	Integrated Pest Management in Paddy	ATMA Kasaragod

- Other extension activities

DATE	TOPIC	ORGANISER
06.02.10	Working group of District Panchayath	Chengala, Kasaragod
14.06.10	Project formulation	Madikai Gramapanchayath
11.03.11	Panel discussion on Insecticide use and ecology	RARS Pattambi
31.05.11	Samithi to review Endosulfan use in the district	Kannur
10.06.11	Field inspection on Apiculture	SHM Scheme
15.11.11	One Day Seminar Pest Management and Bio technology	Kannur University Campus, Nileshwar

- **DIAGNOSTIC FIELD VISITS**

DATE	FIELD/ PLACE
04.09.11	Seed Farm,Kasaragod
30.09.11	Defence Security Crop Centre Kannur
20.10.11	District seed farm, Kasaragod
21.10.11	Chelora and Keezhallur Chavassery
07.07.12	Bedaduka Padasekharam

MDDT visits

DATE	PLACE
25.11.10	Manjeswaram - giant African snail problem

23.08.11	Periye- non flowering of bittergourd plants
23.01.12	Kankol Alappadamba Padasekharam- pests and diseases
31.01.12	Perinthatta padasekharam Peringome Krishibhavan- pests and diseases

TRAINING to Agricultural Officers, Agri Assistants and Master farmers

DATE	ITEM	TOPIC	ORGANISER
08.01.10	Training to Agri.Assistants and Agri. Officers	IPM of major crops	Department of Agriculture, Kannur
3.12.10	Training to Agri. officers	IPM	Dept. of Agriculture, Kannur Dt.
26.08.11	Training to Agri.Assistants	Biocontrol agents	RATTC
27.08.11	Training to Agri.Assistants	Biocontrol agents	RATTC
27.09.11	Training to Agri. Assistants	Organic farming	RATTC
28.09.11	Training to Agri.Assistants	Organic farming	RATTC
08.11.11	Training to Agri.Assistants	Newer pesticidal molecules	Dept. of Agriculture, Kannur district
10.11.11	Training to Agri. Officers	Integrated Pest Management	RATTC

DISTRICT LEVEL SEMINARS AND WORKSHOPS

DATE	TOPIC	ORGANISER
29.11.10	Use of Endosulfan and violation of human rights at Municipal Conference hall, Kasaragod	Kerala state human rights commission
29.10.10	Management of pests and diseases of fruits and vegetables	Mattannur -VFPCCK
13.06.11	Organic farming	Kasaragod- DoA
23.01.12	Bio control of Crop Pests	Nileshwar- Department of Agriculture
23.02.12	Integrated Pest Management in Crops	SSF Kasargod - DOA & ATMA

NATIONAL SEMINAR /CONFERENCE

DATE	ITEM	TOPIC presented	ORGANISER
06.01.10	National Seminar on IPM	Emerging trends in biological control	Govt. College, Kasaragod
Feb 11 and 12, 2010	Participated in the national seminar on soil, water and crop management for higher productivity in spices	Presented a paper on Check dams with GI shutters - a rural innovation	CWRDM, Kozhikode
December 9-10, 2011	XVI group meeting of AINP on white grubs and other soil Arthropods at Assam Agricultural University, Jorhat, Assam	Presentation of the report of root grub studies done at CoA, Padnekkad	AINP on white grubs and other soil Arthropods
10.02.12	National Seminar on IPM	Pest Management in Cashew - Challenges and opportunities	Govt. College, Kasaragod

December 2016	PLACROSYM 2016	Decline in plantation crop production in the high hills of North Kerala- An analysis	CPCRI, Kasaragod
January 2018	Kerala Science Congress 2018	Population dynamics of red ant <i>Oecophylla smaragdina</i> in cashew orchards and its augmentation for biological control	Calicut, January 2018

- **RADIO TALK**

DATE	TOPIC
19.11.09	Radio talks on Agro clinic experience
16.06.10	Radio talk on Plant Protection
28.04.11	Radio talk on Integrated Pest Management of Mango
06.01.2012	Krishisasthra bodham series
11.05.12	Radio talks on Endosulfan- other side of the story.
15.01.2013	Vegetable cultivation in summer season

- **STATE LEVEL WORKSHOP**

DATE	TOPIC presented	ORGANISER
5.1.12	Organic fanning- challenges in the fields of soil, water and plant protection	CoA, Padnekkad

DETAILS OF AGROCLINICS CONDUCTED

Sl. No.	Place	Date	No. of farmers attended
1)	Ennappara	18.09.2004	62
2)	Cherupuzha	01.11.2004	82
3)	Purakkunnu	02.11.2004	49
4)	Kudiyamala	03.11.2004	85
5)	Vorkady	04.11.2004	31
6)	Chalakkadavu	10.12.2004	90
7)	Thayanoor	30.09.2005	38
8)	Eritty	13.10.2005	37
9)	Panathoor	15.10.2005	45
10)	Kanchirapoyil	28.11.2005	37
11)	Kumbala	30.11.2005	62

12)	Punganchal	27.09.2006	52
13)	Kudiyamala	30.09.2006	55
14)	Mooliyar	13.10.2006	42
15)	Thuruthy	02.11.2006	130
16)	Elerithattu	30.11.2006	23
17)	Mathamangalam	24.11.2007	24
18)	Chittarikkal	17.12.2007	35
19)	Badiadukka	19.12.2007	37
20)	Madikkai, Kalichampothi	21.12.2007	36
21)	Paloth	30.08.2008	29
22)	Kallar	06.09.2008	58
23)	Karadukka	08.09.2008	40
24)	Aingoth	09.09.2008	23
25)	Madikkai – Ambalathara	24.10.2008	17
26)	Pullur Periya	22.05.2009	45
27)	Kallar Panchayath	03.07.2009	44
28)	Ezhome	04.07.2009	45
29)	Kodom – Belur	17.07.2009	20
30)	Kannapuram	06.02.2010	41
31)	Azhikode	23.02.2010	50
32)	Narath	24.02.2010	46
33)	Karivellur – Peralam	11.03.2010	81
34)	Thayanoor	23.03.2010	34
35)	Parappa	11.11.2010	56
36)	Kuttyattoor – Maniyoor west	12.11.2010	36
37)	Kadannapalli	15.11.2010	43
38)	Chengala	19.11.2010	63
39)	Prapoyil	20.11.2010	40
40)	Muthathi	03.12.2011	15
41)	Pedena	06.12.2011	31
42)	Thirumeni	21.12.2011	34
43)	Puthige	20.12.2011	115
44)	Kodoth	22.12.2011	34
45)	Panappuzha	26.02.2013	49
46)	Vadavanthoor	27.02.2013	37
47)	Atenganam	28.02.2013	87
48)	Kuttur	–	73
49)	West Eleri	02.03.2013	45

50)	Kayyoor – Cheemeni	24.02.2014	53
51)	Balal	25.02.2014	56
52)	West Eleri	26.02.2014	48
53)	Padanna	28.02.2014	46
54)	Bedadukka	21.03.2015	63
55)	Malom	09.04.2015	48
56)	Koyonkara	25.04.2015	24
57)	Chittarikkal	06.02.2016	28
58)	Pallikkara	08.02.2016	79
59)	Kodavalam	10.02.2016	27
60)	Cheruvathoor	11.02.2016	123
61)	Karadukka	12.02.2016	45
62)	Munderi	10.04.2017	75
63)	Kariyad	12.04.2017	51
64)	Mayyil	23.05.2017	62
65)	Karivellur	15.12.2017	71
66)	Pattuvam	18.12.2017	73
67)	Chapparappadavu	19.12.2017	90
68)	Mangalpadi	20.12.2017	59
69)	Mayyil	30.12.2017	73
70)	thayyeni	24.11.18	44
71)	Perimthatta	26.11.18	63
72)	Kuttur	27.11.18	92
73)	Koyithatta	29.11.18	78
74)	Enmakaje	30.11.18	64
75)	Prappoyil	29.10.2019	85
76)	Udayagiri	30.10.2019	90
77)	Kuttiattoor	31.10.2019	50
78)	Cheruthazham	4.11.2019	56

79)	Parappa	5.11.2019	68
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OTHER Activities/ Duties and Responsibilities

- Member of the Technical committee of the State Biological Control Laboratory, Mannuthy, Trichur since 2002.
- Member of the state level working group on crop health management constituted by State
- Planning Board as per order no. 3743/2012 /Ag/SPB dated 22.6.10 of Chief (Agriculture)-
- Member of the Expert team constituted by the Govt. of Kerala to study the alleged endosulfan issue in Kozhikode as per order no. GO (MS No. 276/11 agri. dt. 20. 12.11. K.41 -10 hrs
- Member, Technical committee of State Biological Control Laboratory, Trichur, Kerala.
- Member of the expert committee to study the adverse effect of aerial spraying of Endosulphan in the Plantation Corporation estates of Kasaragod district.
- Member of expert team to study the pest –disease complex which affected the cashew crop in the year 2000
- Member, Expert committee, ATMA, Kasaragod district
- Provided 13500 soil health cards to Farmers of Wayanad under Sugandhi Pepper project
- Provided 2000 soil health cards to farmers of Kasaragod district under North Kerala Pepper project

പ്രധാനപ്പെട്ട ലേഖനങ്ങൾ /Popular articles

1.	കീടനിയന്ത്രണത്തിന് പുളിയുറുമ്പും	കർഷകശ്രീ 12(8), 2007
2.	അശാസ്ത്രീയമായ കീടനാശിനിപ്രയോഗം	ശാസ്ത്രഗതി 2008
3.	പ്രകൃതിക്കിണങ്ങിയ ജൈവസാങ്കേതിക വിദ്യ	വിജ്ഞാനകൈരളി, ഒക്ടോബർ 2009
4.	തെങ്ങിന്റെ മച്ചിങ്ങ പൊഴിച്ചിൽ	നാളികേര ജേണൽ, ജൂലൈ 2009
5.	കുടുംബശ്രീയും സംരംഭകത്വവും	ശാസ്ത്രഗതി, ഫെബ്രുവരി 2008
6.	തെങ്ങോലപ്പുഴുവിന്റെ നിയന്ത്രണം	ലഘുലേഖ, കൃഷി വകുപ്പ്
7.	അമേരിക്കയിൽ എൻഡോസൾഫാൻ നിരോധനം	ശാസ്ത്രഗതി സെപ്തംബർ 2010
8.	എൻഡോസൾഫാൻ ഇന്ത്യയിൽ നിരോധിക്കുക തന്നെ വേണം	മുനിസിപ്പൽ സർവ്വീസ് 2010 നവംബർ
9.	കുരുമുളകിന്റെ ദ്രുതവാട്ടത്തിന്റെ സംയോജിതനിയന്ത്രണം	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011

10.	ജൈവീകരോഗനിയന്ത്രണമാർഗ്ഗങ്ങൾ	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
11.	കീടനാശിനികളുടെ സുരക്ഷിതമായ ഉപയോഗം	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
12.	കുരുമുളകിന്റെ മഞ്ഞളിപ്പുരോഗം	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
13.	കുരുമുളകിലെ സംയോജിത കീടനിയന്ത്രണം	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
14.	വെർമി കമ്പോസ്റ്റ്	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
15.	വിളകളിലെ സ്യൂഡോമോണാസ്	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
16.	മുരിക്കിലെ കടന്നലാക്രമണം	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
17.	ജൈവീകരോഗനിയന്ത്രണമാർഗ്ഗങ്ങൾ	സുഗന്ധി പദ്ധതി ലഘുലേഖ 2011
18.	പരിസ്ഥിതി തീവ്രവാദികളുടെ ഗീബൽസിയൻ പ്രചരണങ്ങൾ	മാതൃഭൂമി ആഴ്ചപ്പതിപ്പ് ഫെബ്രുവരി 27, 2011
19.	പ്രതികരണങ്ങൾക്കുമറുപടി	ശാസ്ത്രഗതി, മെയ് 2011
20.	ദീർഘകാല വള പരീക്ഷണങ്ങൾ എന്തുതെളിയിക്കുന്നു.	കർഷകനാദം നവംബർ 2013
21.	എൻഡോസൾഫാൻ പ്രശ്നം - ചില ചോദ്യങ്ങൾ	ജാലകം - KGMOA സുവനീർ, 2013
22.	വാഴയിലെ പോഷകപ്രശ്നങ്ങൾ	കർഷകനാദം, ആഗസ്റ്റ് 2013
23.	ഭക്ഷ്യസുരക്ഷയ്ക്ക് 10 ഹരിതവിപ്ലവം	കർഷകനാദം നവംബർ 2014
24.	കീടനാശിനികൾ സുരക്ഷിതമായി ഉപയോഗിക്കുക	കർഷകനാദം ആഗസ്റ്റ് 2016
25.	എൻഡോസൾഫാൻ പ്രശ്നം - ശാസ്ത്രം എവിടെ	യുക്തിയുഗം - മാർച്ച് 2014
26.	What every extension worker should know about organic farming	AESA April 2014 (E-magazine)
27.	സംയോജിത കീടനിയന്ത്രണം കുരുമുളകിൽ	കർഷകനാദം, 2014 ആഗസ്റ്റ്
28.	മച്ചിങ്ങ പൊഴിച്ചിൽ കുമിൾ ബാധകാരണം	കർഷകനാദം, ഓഗസ്റ്റ് 2015
29.	കാടിനെ നോക്കി പഠിക്കുക	കർഷകനാദം, ജൂലൈ 2015
30.	പത്തിയിൽ വേണം പക്ഷഭേദം	കർഷകനാദം, ഏപ്രിൽ 2015
31.	പുരയിടങ്ങളിലെ ജൈവവൈവിധ്യം നിലനിർത്തുക	കർഷകനാദം, ഫെബ്രുവരി 2015
32.	നമുക്കുവേണ്ടി ഉത്തമകൃഷി	ശാസ്ത്രഗതി, ജൂലൈ, ആഗസ്റ്റ് 2015
33.	രാസവളങ്ങൾ നമ്മുടെ മണ്ണ് തകർക്കുമോ	കൽപ്പയേനു, മാർച്ച് 2015
34.	രാസവളത്തെല്ലെ, പകരം മനുഷ്യനെ പഴിക്കുക	റബ്ബർ, ജൂലൈ 2015
35.	Pests and diseases management of fruits and vegetables in Organic farming	VFPCCK Training manual – January 2015
36.	നമുക്കുവേണ്ടി ഉത്തമകൃഷി	4-ാം അന്താരാഷ്ട്ര പഠന കോൺഗ്രസ് രേഖ, 2015
37.	കാർഷിക നാട്ടറിവുകൾ കാർഷികാഭിവൃദ്ധിക്ക്	4-ാം അന്താരാഷ്ട്ര പഠന കോൺഗ്രസ് രേഖ, 2015
38.	ജൈവകൃഷി - സ്ഥിതിവിവരക്കണക്കുകളും വസ്തുതകളും	4-ാം അന്താരാഷ്ട്ര പഠന കോൺഗ്രസ് രേഖ, 2015
39.	താബോറിൽ അഥവാ നമ്മുടെ കിഴക്കൻ മലനിരകളിൽ സംഭവിച്ചതെന്ത്?	ലഘുലേഖ, കൃഷി വകുപ്പ്, ഡിസംബർ 2016
40.	ഇളനീരിനു ബാക്ടീരിയയെ നിയന്ത്രിക്കാനുള്ള ശേഷിയും	നാളികേരജേണൽ, ആഗസ്റ്റ് 2016
41.	കൃഷി - രാസപക്ഷം -	പച്ചക്കുതിര, ആഗസ്റ്റ് 2016

42.	കേരളത്തിൽ പരിപൂർണ്ണ ജൈവകൃഷി അഭികാമ്യമോ	യുക്തിയുഗം സെപ്തംബർ 2016
43.	പട്ടിണിയിൽ നിന്ന് സുഭിക്ഷതയിലേക്ക്	മാതൃഭൂമി GK ഡിസംബർ 2016
44.	ജൈവസർട്ടിഫൈഡിംഗ് ഏജൻസികൾ നടത്തുന്ന കൊള്ള	കർഷകനാദം, ജനുവരി 2016
45.	സെറായോവിന്റെ കഥ-ശാസ്ത്രീയ കൃഷിയുടെയും	കർഷകനാദം, ജനുവരി 2016
46.	പയർവർഗ്ഗവിളകളിലെ സസ്യസംരക്ഷണം	കൽപ്പയേനു, മാർച്ച് 2016
47.	ജൈവകൃഷിയിലെ അനാവശ്യപിടിവാശികൾ	കർഷകനാദം, ഒക്ടോബർ 2016
48.	ശാസ്ത്രനിരസത്തിൽ അധിഷ്ഠിതമായ കടുംപിടിത്തം	ശാസ്ത്രഗതി, സെപ്തംബർ 2016
49.	ജനിതകസാങ്കേതികവിദ്യ ഭക്ഷ്യവിളകളിൽ - ഒരു പ്രതികരണവും ചില വസ്തുതകളും	ശാസ്ത്രഗതി, ഡിസംബർ 2017
50.	എം.ജി. സർവ്വകലാശാലയുടെ ജൈവസാക്ഷരതായജ്ഞം - ഒരു വിമർശനം	ശാസ്ത്രഗതി ഒക്ടോബർ 2017
51.	ക്യാൻസറിന് കാരണം കീടനാശിനിയോ?	കൃഷിയങ്കണം ഏപ്രിൽ 2017
52.	കുരുമുളകിലെ രോഗകീടങ്ങളും പരിഹാരങ്ങളും	കൽപ്പയേനു സെപ്തംബർ 2018
53.	കീമോഫോബിയ	കൃഷിയങ്കണം - ജൂൺ 2019
54.	സീറോബജറ്റ് - കൃഷിശാസ്ത്രത്തിന്റേനിരസം	ശാസ്ത്രഗതി മാർച്ച് 2019
55.	വിശുദ്ധപശുവോ ജൈവകൃഷി	കർഷകശ്രീ, ഡിസംബർ 2019

TALKS IN YOUTUBE

	Title of the talk	Link	Total views as on 1.7.19
1.	കീമോഫോബിയ	https://www.youtube.com/watch?v=wH58fsaNR6E	16874
2.	എൻഡോസൽഫാൻ എന്ന കെട്ടു കഥ	https://www.youtube.com/watch?v=PMiolYNnWz4&t=1394s	9623
3.	Debate: Is organic farming a threat to food safety? - Dr K.M. Sreekumar V/s Illias K.P	https://www.youtube.com/watch?v=CsUoGyyPcMM&t=1741s	16000
4.	എൻഡോസൽഫാൻ : ഭീതിവ്യാപാരത്തിന്റേരാഷ്ട്രീയ മുഖം	https://www.youtube.com/watch?v=UPdKDEuaFc8&t=315s	7947

5.	Endosulfan പ്രശ്നംശാസ്ത്രദൃഷ്ടിയിൽ Part 2	https://www.youtube.com/watch?v=sa3m7M0_1k&t=1794s	3776
6.	വൃക്ഷായുർവ്വേദം - ഒരു അന്വേഷണം	https://www.youtube.com/watch?v=XGtcfRH_pXo	7524
7.	Natural farming and Organic farming: A Scientific view (Malayalam)	https://www.youtube.com/watch?v=DI FK68_tKfI	15923
8.	ജനിതകവിളകൾ - Genetically Modified Crops	https://www.youtube.com/watch?v=uD0bd4-wLdU	4357
9.	Organic farming : Claims and Reality	https://www.youtube.com/watch?v=9c70t9t0ii0&t=112s	8812
10.	Organic Farming - Myths and realities	https://www.youtube.com/watch?v=rJxjTjHi56o&t=303s	18341
11.	Debate: Kerala's Endosulfan Tragedy ? (Malayalam)	https://www.youtube.com/watch?v=E7UQ7FrzSUK&t=135s	5516
12.	ജനിതകവിളകൾ - ചോദ്യോത്തരങ്ങൾ	https://www.youtube.com/watch?v=BjB3gnFMayA	2248
13.	Grow your own food	https://www.youtube.com/watch?v=N6IarhJW_rc	44
14.	സീറോബജറ്റ് അല്ലെഹാമിംഗ് -	https://www.youtube.com/watch?v=MCywTZU3op4	6922
15.	ജൈവകൃഷിശാസ്ത്രീയമല്ല	https://www.youtube.com/watch?v=aqHwV0sz0D0&t=36s	5476
16.	ഒറ്റവൈക്കോൽ വിപ്ലവം ഒരു കാർഷിക വിപ്ലവമോ?	https://www.youtube.com/watch?v=VIjHLiYOnrY&feature=youtu.be	707

