

## **Biodata**

Name : Dr.Deepa Rani C .V  
Date of Birth : 17/04/1981  
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Residential Address : TC 14/1126(3), Alumkandam Kailas  
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Designation : Assistant Professor (Plant Pathology)  
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Date of Joining : 30-04-2021  
Religion : Hindu  
Caste : Nadar  
Nationality : Indian

## **Educational Qualification**

<b>Qualification</b>	<b>Year</b>	<b>Institution</b>	<b>% marks</b>
Ph. D (Agri)	2016	College of Agriculture, Vellayani	<b>8.80</b>
M.Sc. (Agri)	2006	Marathwada Agricultural University, Parbhani	<b>9.10</b>
B.Sc. (Agri)	2003	College of Agriculture, Vellayani	<b>8.60</b>
Predegree	1998	Govt. Womens College, Trivandrum	<b>7.28</b>
10 <sup>th</sup> standard	1996	St. Therasas School, Neyyattinkara	<b>8.70</b>

### **Awards in M.Sc**

**Title:** “Investigations on the virus causing necrotic wilt of sunflower (*Helianthus annuus* L.)”

- 1. Smt Yasodabai Ramulal Barwale Gold Medal** for securing highest CGPA in M.Sc (Agriculture) degree examination held in 2005-2006 awarded by Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra.
- 2. Hexamer Foundation Silver Medal** for securing highest CGPA in Master of Science (Agriculture) degree examination in **Plant Pathology** held in 2005-2006 awarded by MAU, Parbhani, Maharashtra.
- 3. Certificate of merit for securing First division with distinction and first position** in the Master of Science (Agriculture) degree examination in **Plant Pathology** held in 2005-2006 awarded by MAU, Parbhani, Maharashtra.

**Ph. D work Title:** “Strain evaluation and production technology of Shiitake mushroom (*Lentinula edodes* (Berk.) Pegler.”

### **Experience**

<b>Post</b>	<b>Institution</b>	<b>Period</b>
Agricultural Officer	Catholic Syrian Bank	10.03.2007 to 25.02.2010
Farm Officer	AICRP Mushrooms, COA, Vellayani, Kerala Agricultural University	08.03.2010 to 29.04.2021

## **Publications**

<b>Sl. No</b>	<b>Title of publication</b>	<b>Year</b>	<b>Name of Journal/Publisher/ Place of publication</b>	<b>Author (s)</b>
<b>Research Article</b>				
<b>1</b>	A low cost technology for the cultivation of <i>Ganoderma lucidum</i>	2012	Mushroom Research, 21(1): 49-53	D. Geetha, M. Suharban, Gokulapalan and <b>C. V. Deepa Rani</b>
<b>2</b>	Effect of different carbon and nitrogen sources on the vegetative growth of Shiitake mushroom ( <i>Lentinula edodes</i> (Berk.) Pegler	2015	International Journal of Applied and Pure Science and Agriculture	<b>Deepa Rani C.V</b> and Dr. Lulu Das
<b>3</b>	Studies on the symptoms of the necrotic wilt of Sunflower caused by Tobacco Streak Virus	2015	International Journal of Applied and Pure Science and Agriculture	<b>Deepa Rani C. V</b> , Dr. Susha S.Thara, Dr. Heera. G and Narmadavathy S
<b>4</b>	Invitro screening of nutrients, fungicides and bio control agents against <i>Colletotrichum fructicola</i> causing Anthracnose leaf spot of culinary melon.	2016	International Journal of Applied and Pure Science and Agriculture, p 173- 176	Narmadavathy S, Dr. Kamal Nayar, <b>Dr. Deepa Rani C V</b> and Ranjth M
<b>5</b>	Shiitake-A medicinal mushroom	2016	Kerala calling, p 46-47	<b>Dr. Deepa Rani C V</b> , Dr. Lulu Das
<b>6</b>	Technology need assessment of cool season vegetable growers in Kerala	2023	The Pharma Innovation	
<b>7</b>	Studies on the culture media requirements, temperature and pH on the vegetative growth of Shiitake mushroom ( <i>Lentinula edodes</i> (Berk.) Pegler	2023	The Pharma Innovation	<b>Dr. Deepa Rani C.V</b> , Dr. Safia N.E, Ashitha M.R and Lulu Das
<b>8</b>	Varietal Assessment of Gladiolus ( <i>Gladiolus</i> spp.) for Growth, Flowering Characteristics, Yield and Economics under Highland Agroclimatic Conditions of Wayanad, Kerala, India	2024	Journal of Experimental Agriculture International	Safia N.E, Manjusha M.R, Alaka S Balan, Ashitha M.R and <b>Deepa Rani C.V</b>
<b>Seminar Proceedings</b>				
<b>1</b>	Studies on physical properties of virus causing stunting in pea ( <i>Pisum sativum</i> L.) In abstracts of 2 <sup>nd</sup> Global conference	2005	Plant health Global wealth” held at Udaipur on 25-29 <sup>th</sup> November 2005	P. L.Sontakke, S. J. Magar, <b>C.V. Deepa Rani</b> and S. B. Nikam.
<b>2</b>	Transmission of virus causing stunting in pea ( <i>Pisum sativum</i> L.).	2005	Plant health Global wealth” held at Udaipur on 25-29 <sup>th</sup> November 2005	P. L Sontakke., S. J.Magar, S. B. Nikam and <b>C.V. Deepa Rani</b>

3	Occurrence of Tobacco Streak Virus in sunflower.	2006	In souvenir and abstracts of West Zonal Symposium of IPS held at Marathwada Agricultural University, Parbhani, Maharashtra on 6 <sup>th</sup> -7 <sup>th</sup> January, 2006	S. A. Jagdale, S. Mini, <b>C.V. Deepa Rani</b> and D. D. Nirmal
4	Symptomatological studies on necrotic wilt of sunflower ( <i>Helianthus annuus</i> L.)	2010	In abstracts of 1 <sup>st</sup> Kerala women's science congress held at St. Teresa's College, Ernakulam on 10-12 <sup>th</sup> August 2010	<b>Deepa Rani C.V</b>
5	Utilisation of coconut byproducts for cultivation of Oyster mushrooms	2010	In abstracts of International Conference –“Coconut biodiversity for prosperity” held at CPCRI, Kasargode on 27-30 <sup>th</sup> October 2010	Lulu Das and <b>Deepa Rani C.V</b>
6	Suitability of cultivation of Shiitake mushroom <i>Lentinula edodes</i> (Berk.) Pegler under Kerala conditions	2014	In proceedings of 8 <sup>th</sup> International Conference on Mushroom Biology and Mushroom Products held at New Delhi on 19-22 <sup>nd</sup> November 2014	<b>Deepa Rani C.V.</b> and Dr. Lulu Das
7	Exploiting natural wealth to sustain the much fancied Calocybe in Kerala, India	2014	In proceedings of 8 <sup>th</sup> International Conference on Mushroom Biology and Mushroom Products held at New Delhi on 19-22 <sup>nd</sup> November 2014	Dr. Lulu Das, <b>Deepa Rani C.V.</b> and Lishma N.P
8	Studies on the physiological and nutritional requirements of button mushroom ( <i>Agaricus bisporus</i> ) in Kerala	2015	In proceedings of National seminar on mushroom cultivation held at NSS College, Karamana on 3 <sup>rd</sup> March 2015	Lishma N. P, <b>Deepa Rani C.V.</b> and Dr. Lulu Das
9	Possibilities of cultivation of Shiitake ( <i>Lentinula edodes</i> ) using agroindustrial wastes under Kerala condition	2015	In proceedings of National seminar on mushroom cultivation held at NSS College, Karamana on 3 <sup>rd</sup> March 2015	<b>Deepa Rani C. V</b> , Lishma N. P. and Dr. Lulu Das
10	“ <i>Lentinula edodes</i> - A new addition to Kerala mushroom flora”.	2015	In proceedings of National seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and fungal biocontrol agents held at Nirmala College, Muvattupuzha on December 2014	<b>Deepa Rani C. V</b> , Dr. Lulu Das and Lishma N. P
11	Bioconversion of lignocellulosic wastes for the cultivation of Shiitake mushroom ( <i>Lentinula edodes</i> (Berk.) Pegler.	2015	In abstracts of 2 <sup>nd</sup> National Biodiversity Conference held at Kanakakkun Palace on 26-27 <sup>th</sup> February 2015	<b>Deepa Rani C. V</b> and Dr. Lulu Das

12	. Use of newer fungicides in management of Sigatoka leaf spot of Banana ( <i>Musa</i> spp.).	2015	In abstracts of ISMPP held at Madurai Annamalai University on 12-14 <sup>th</sup> February 2015	Dr. Susha S. Thara, <b>Deepa Rani C.V.</b> and Remya J. S
13	Physical properties of Tobacco Streak Virus causing necrotic wilt of sunflower ( <i>Helianthus annuus</i> L.).	2015	In abstracts of ISMPP held at Madurai Annamalai University on 12-14 <sup>th</sup> February 2015	<b>Deepa Rani C.V.</b> , Dr. D. D. Nirmal, Dr. Susha S. Thara and Remya, J. S
14	Effect of different grain substrates for spawn production of white button mushroom ( <i>Agaricus bisporus</i> ) in Kerala	2015	In proceedings of National seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and fungal biocontrol agents held at Nirmala College, Muvattupuzha on December 2015	Lishma, N. P, Dr. Lulu Das and <b>Deepa Rani C.V</b>
15	The effect of microbes on vermicomposting and its impact on tomato cultivation	2016	In compendium of selected papers of National seminar on ‘Emerging approaches in land use planning’ held at Kanakakkunnu palace, Trivandrum on 13 <sup>th</sup> and 14 <sup>th</sup> January 2016	Dr. Susha S Thara, Dr. Aparna .B , <b>Deepa Rani C V</b> and Dr. Geethalakshmi P.R
16	Studies on diversification of <i>Lentinula edodes</i> from <i>Lentinus</i> related genera	2018	Plant Disease Research, 31(2), p 226	<b>C V Deepa Rani</b> , Lulu Das and Susha S Thara
17	-“Golden Oak mushroom (Shiitake) – A new member in mushroom flora of Kerala”	2022	Abstracts in International conference on Advanced Biology 2022 organised by Inter University Centre for Evolutionary and Interactive Biology , University of Kerala	<b>Deepa Rani C.V</b> , Lulu Das and Lishma N.P
18	Integrated management of Fusarium wilt of banana	2022	Abstracts in International conference on Advanced Biology 2022 organised by Inter University Centre for Evolutionary and Interactive Biology , University of Kerala	Lishma N.P, Anita Cherian, Vimi Louis, <b>Deepa Rani C.V</b>

## Popular articles

- Dr Safia N.E, Smt. Ashitha M.R, Dr. Deepa Rani C.V- ‘Bhakshya samskarana rangathae puthuvazhikal” in Krishiankanam August to September page 43-44
- Alaka S Balan, Dr. Safia N.E, Ashitha M.R, Dr Indulekha V.P, **Dr. Deepa Rani C.V**, ‘Madhurikkum mambazhakalam’ in Krishiyankanam April-May 2023, page 24-26
- Anju Krishna V.U, Ahitha M.R, Indulekha V.P, **Deepa Rani C.V**, Deepa Surendran, Safia N.E, ‘ Kavungukaludae lokam’ in Kalpadhenu July- September 2022 page 44-50

## Leaflets

- Veettuvilappilae inchikrishi
- Green peas Krishi
- Nellilae keedaniyanthranam
- Sampoorana
- Thengilae keedaniyanthranam
- Kurumulakilae keedaniyanthranam
- Avocado krishireethikal
- Pazhvashtuvilae sambathu-chakirichor compost
- Ruchiyoorum koon vibhavangal
- Visha Koonukalae thirichariyoo