***Faculty***

***Name :* Dr. M.Seema**

***Designation :* Assistant Professor & HOD**

***Email – Id :* mseema123@gmail.com**

***Qualification :* M.Sc., Ph.D**

***No. of Publications :* 10**

**Educational Qualification :**

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| --- | --- | --- | --- |
| **Sl.No** | **Qualification/Programme** | **Institution / University** | **Year of Passed Out /Period** |
| 1. | M.Sc., Ph.D | University of Mysore | 1999- M.Sc2012-Ph.D |

**Work Experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl.No | Institution Name / Employer Name | Designation / Department | Period |
| 1. | JSS CACS | Assistant Professor & HOD | 2001 till date |

**Publications :**

1.**Title :** First report on isozyme analysis of *Rhizoctonia solani* infecting tobacco in

 Karnataka, India

* **Name of the Journal** : JSSCM Journal.
* **Date of Publication** : 2013
* **Volume No. / Issue No. / Page No. / Factor** : Vol.2:44-49
* **Publisher :** JSSCACS,Mysore
* **Author :** Seema, M., Punith, B.D. and Devaki, N.S.

2.**Title** : RAPD analysis of *Rhizoctonia solani* infecting FCV tobacco of Karnataka.

* **Name of the Journal** : JSSCM Journal.
* **Date of Publication** :2012.
* **Volume No. / Issue No. / Page No. / Factor :** 1(1):49-52.
* **Publisher :** JSSCACS,Mysore
* **Author :** Seema, M., Punith, B.D. and Devaki, N.S

3.**Title :** A simple and rapid nuclear staining method for *Rhizoctonia solani* Kuhn. . .

* **Name of the Journal** : Biotechnic & Histochemistry
* **Date of Publication :** 2012
* **Volume No. / Issue No. / Page No. / Factor:** 87:169- 171.
* **Publisher :** Taylor & Francis
* **Author :** Seema, M., Punith, B.D. and Devaki, N.S.

4.**Title :** In vitro evaluation of Biological control agents against *Rhizoctonia solani.*

* **Name of the Journal :** Journal of Agricultural technology.
* **Date of Publication :**2012.
* **Volume:** No. / Issue No. / Page No. / Factor : 8:233-240.
* **Publisher :**CABI
* **Author :** Seema, M.and Devaki, N.S

**5.Title** : Evaluation of *Trichoderma viride* formulations against sore shin disease in

 Flue-Cured Virginia (FCV) tobacco nurseries.

* **Name of the Journal :** Journal of Biological Control
* **Date of Publication :** 2011.
* **Volume No. / Issue No. / Page No. / Factor :** 25; 333-336.
* **Publisher :** Informatics **Publishing** Ltd.
* **Author :** Seema M, Ramakrishnan S, Sreenivas SS and Devaki NS.

6. **Title :** In vitro studies of some plant extracts against *Rhizoctonia solani* Kuhn

 infecting FCV tobacco in Karnataka Light Soil, Karnataka, India.

* **Name of the Journal :** Journal of Agricultural Technology
* **Date of Publication :** 2011.
* **Volume No. / Issue No. / Page No. / Factor :** 75:1321-1329.
* **Publisher :** CABI Publisher
* **Author :** Seema M, Sreenivas SS, Rekha and Devaki NS.

7. **Title :** Effect of some essential oils on *Rhizoctonia solani* Kuhn infecting flue-cured

 virginia tobacco.

* **Name of the Journal :** Journal of Biopesticides
* **Date of Publication :** 2010.
* **Volume No. / Issue No. / Page No. / Factor :** 3:563-565.
* **Publisher :** Informatics **Publishing** Ltd.
* **Author :** Seema M. and Devaki NS.

8.**Title :** *Invitro* evaluation of fungicides against *Rhizoctonia solani* infecting FCV

 tobacco in Karnataka soils.

* **Name of the Journal :** Pestology
* **Date of Publication :** 2010.
* **Volume No. / Issue No. / Page No. / Factor :** 34: 36-38.
* **Publisher :** INSIO Scientific Books
* **Author :** Seema M, Devaki NS and Sreenivas SS.

9. **Title :** [Identification of anastomosis group of Rhizoctonia solani associated with](http://eprints.uni-mysore.ac.in/18251/)

 [*tobacco in Karnataka.*](http://eprints.uni-mysore.ac.in/18251/)

* **Name of the Journal:** Acta Biologica Indica
* **Date of Publication :** 2014.
* **Volume No. / Issue No. / Page No. / Factor** : 3 (2). pp. 654-658. ISSN 2279-0160
* **Publisher :** **Association For The Advancement Of Biodiversity Science**
* **Author** : Seema, M. and Sreenivas, S. S. and Devaki, N. S.

10. **Title :** (2015) [Antimicrobial assay of Elaeocarpus species of western ghats of Karnataka.](http://eprints.uni-mysore.ac.in/18237/),

* **Name of the Journal:** Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry
* **Date of Publication :** 2015.
* **Volume No. / Issue No. / Page No. / Factor :** 3 (1). pp. 14-19. ISSN 2321-09233
* **Publisher :** uptodateresearchpublication
* **Author :** Sharvani, K. A. and Jagadeesh, D. and Chandrakanth, R. and Sumana, K. and Seema, M. and Devaki, N. S.

**Ph.D Thesis:**

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| **Sl.No** | **Title** | **Guide Name** | **Institution** | **Month / Year** |
| **1** | **“Biology and Management of *Rhizoctonia solani* Kuhn in Karnataka”** | **Dr.N.S.Devaki** | **Yuvaraja’s College,Mysore** | **2012** |

**Projects:**

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| **Sl.No** | **Name of the Project** | **Description** |
| 1 | Title: Elucidation of phytochemicaland antimicrobial characteristicsof Betel vine (*Piper betle*.L.) | This study has revealed the presence of many bioactive molecules in both the varieties of Piper betle L. It has further confirmed that the plant extracts could be used for control of phytopathogenic fungi and shows that Piper betle L. could be exploited for new potent antimicrobial agent against plant pathogen. This study forms a basis for the characterization of the phytochemicals of the two varieties. The presence of various bioactive compounds justifies the usage of betel leaf as an herbal choice for treating various diseases. Aqueous and solvent extracts are found effective, it will help in the formulation of ecofriendly control measure, which is cheap and can be recommended to the farmers. |