

Proforma for information to be provided by the Teaching/Academic/Research Staff

Employee No.17925



1. **Name :** Dr. Rakesh Kumar Singh
2. **Designation :** Assistant Professor (Rice Pathologist)
3. **Academic Qualifications :**

Sr.	Degree	Institution	Year
1.	B.Sc (Ag)	Narendra Deo University of Agriculture and Technology , Kumarganj, Faizabad	1995
2.	M.Sc (Ag)	Banaras Hindu University Varanasi	1998
3.	PhD	Banaras Hindu University Varanasi	2004

4. **Area of Specification : (brief write up)** Rice Pathologist and Biological control of Plant Parasitic Nematodes
5. **Contact Information :** Department of Mycology and Plant Pathology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi-221 005, Mobile : 09450530703
Office No. 0542 6702585
6. **Projects Undertaken as PI/Co PI:** Rice pathologist in All India Coordinated Project of Rice
7. **Awards/Recognitions if any :**
 - ICAR- JRF in Plant Pathology in 1996
 - Gold Medal in M.Sc (Ag)
 - IInd Best Poster Paper Presentation award in 2002
8. **List of major Publications : (in order of importance)**
 - **Singh R.K.;** Kumar Niranjana & Singh K.P. (2005) Morphological variation in *Arthrobotrys oligospora* on different media **Mycobiology** 33 (2) 118-120.
 - Gupta, R.C.; Vaish, S.S.; **Singh, R.K.;** Singh, N.K. & Singh, K.P. (2003) Oil cakes as media to culture *Catenaria anguillulae* Sorokin a facultative endoparasite of nematodes. **World J. of Microbiology and Biotechnology** 00:1-5.
 - Kumar Niranjana; **Singh, R.K.** & Singh, K.P. (2010) Occurrence and colonization of nematophagous fungi indifferent substrates, agricultural soils and root galls. **Archives of Phytopathology and Plant Protection** Vol. 00 2010, 1-14

- Singh, Shyam; Awasthi, L.P. & **Singh R.K. (2010)** Induction of systemic resistance through antiviral agents of plant origin against papaya ring spot disease (*Carica Papaya* L.) **Archives of Phytopathology and Plant Protection** Vol. 00 2010, 1-7
- **Singh, R.K.;** Gupta, R.C.; Kumar, Niranjana & Singh, K.P. (2007) Effect of mass culture of *Arthrobotrys oligospora* for the control of root knot in rice (*Oryza sativa*) **Indian Journal of Plant Pathology** 23 Vol.2005
- **Singh, R.K.;** Gupta, R.C. & Singh, K.P. (2005) Distribution of predacious fungi in agricultural soil in Eastern Uttar Pradesh. **Indian Journal of Plant Pathology** Vol. 23 (1&2): 119-121.
- **Singh, R.K** & Singh K.P. (2002) Conidial trap (CT) formation of *Arthrobotrys oligospora* in response to various animal dungs **Journal of Mycology and Plant Pathology** 32 (1) p-147.
- Gupta, R.C.; **Singh. R.K.;** Singh, N.K. & Singh K.P. (2003) *In vitro* variability in virulence of *Catenaria anguillulae* Sorokin **Journal of Mycopathological Research** 41 (2) 251-254.
- Gupta, R.C.; **Singh, R.K.;** Singh, N.K. & Singh, K.P. (2003) Natural parasitism of nematodes by *Catenaria anguillulae* Sorokin in the rhizosphere of different fruit plants **Indian Journal of Plant Pathology** 21 (1&2) : 33-40.
- Gupta, R.C.; **Singh, R.K.;** Singh, N.K. & Singh, K.P. (2004) Effect of temperature, pH and sub culturing on virulence of *Catenaria anguillulae* Sorokin **Current Nematology** 15 (1,2) : 101-108
- Singh, U.B.; **Singh, R.K.** & Srivastava J.S. (2007) Prevalence of nematophagous fungi in the rhizospheric soil in some districts of Uttar Pradesh. **Indian Journal of Plant Pathology** 24 (1&2) : 43-45.

9. Additional Information/Achievements :

- Worked as Senior Research Fellow in the project “**Biological Control of root knot and wilt complex of brinjal (*Solanum melongena* L.) by predacious fungi, antagonistic fungi and organic amendments**” from Jan 2001 to September 2003 funded by **U.P. Council of Agricultural Research, Lucknow, U.P.**
- Experience in working with predacious fungi for the control of root knot diseases in Tomato, Brinjal and Rice.

Date :

Signature

Place :