



Mr. R. Naveenkumar

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Academic Background

Degree	University	Year
Ph.D	Banaras Hindu University, Varanasi, Uttar Pradesh	Ongoing
M.Sc (Ag)	Annamalai University, Annamalai Nagar, Tamil Nadu	2015
B.Sc (Ag)	Annamalai University, Annamalai Nagar, Tamil Nadu	2013

Research Interests

- Host plant resistance
- Biological control of plant disease management
- Molecular biology

Memberships in Professional Bodies

- Association of Rice Research Workers (ARRW)
- Indian Society of Plant Pathologists
- Annamalai University Plant Pathologist Association

Books Authored

- **Naveenkumar R**, Prabhukarthikeyan SR and Keerthana U (2020). Glossary of Plant Pathology. JPS scientific publication, Tamil Nadu, India, *ISBN No*: 978-81-946500-1-0.

Awards obtained

- Best oral presentation Award in the International Webinar on Climate Resilient Agriculture for Food and Nutrition Security. January 09-10, 2021. I. Ag. Sci., BHU and IRRI, Varanasi.
- Awarded **UGC research fellowship** for PhD program.

MOST RECENT PUBLICATIONS

- **Naveenkumar R.**, Singh V., Singh PK and Anandan A 2021. Pattern of genetic variation in rice (*Oryza sativa* L.) population for sheath blight resistance over the seasons. Indian Journal of Genetics and Plant Breeding, 81(1): 132-134.
- **Naveenkumar R**, Muthukumar A, Sangeetha G and Mohanpriya R 2017. Developing eco-friendly biofungicide for the management of major seed borne diseases of rice and assessing their physical stability and storage life. Comptes Rendus Biologies, 340(4):214-225.
- **Naveenkumar R**, Muthukumar A & Mohanapriya R. 2017. Occurrence, virulence and evaluation of essential oils against *Fusarium oxysporum* f. sp. *niveum* causing wilt of watermelon. Vegetos, 30(4):1-6.
- **Naveenkumar R**, Muthukumar A and Mohanapriya R. 2016. Survey of seed-borne fungi associated with seeds of rice in Tamil Nadu. Oryza, 53(1): 106-110.
- **Naveenkumar R**, Muthukumar A, Sangeetha G and Neha KV. 2016. Antifungal activity of plant oils against major seed-borne fungi of rice in vitro. Oryza, 53(2): 174-180.
- **Naveenkumar R** and Mohanapriya R 2016. Survey and evaluation of efficacy of some fungicides against virulence of *Sarocladium oryzae* inciting sheath rot disease of rice. Oryza, 53(4): 464-469.
- Anant AK., Pandi GPG., Jena M., Chandrasekar G., Parameswaran C., Raghu S., Gowda B., Annamalai M., Patil NB., Adak T., **Naveenkumar R** & Rath PC 2021. Genetic dissection and identification of candidate genes for brown planthopper, *Nilaparvata lugens* (*Delphacidae*: Hemiptera) resistance in farmers' varieties of rice in Odisha. Crop Protection. 144, 105600.
- Pothiraj G, Singh, V., **Naveenkumar R** & Goswami, S.K. Response of plant defense enzymes against tomato early blight disease. Indian Journal of Agricultural Sciences, 91(4): 644-646.
- Pradhan, S. K., Pandit, E., Pawar, S., **Naveenkumar R.**, Barik, S.R., Mohanty, S.P., Nayak D.K., Ghritlahre S.K., Rao D.S., Reddy J.N & Patnaik, S. S. C. 2020. Linkage disequilibrium mapping for grain Fe and Zn enhancing QTLs useful for nutrient dense rice breeding. BMC Plant Biology, 20(1), 1-24.
- Muthukumar A, Sangeetha G & **Naveenkumar R** 2016. Antimicrobial activity of essential oils against seed borne fungi of rice (*Oryza sativa* L.). Journal of Environmental Biology. 37(6):1429-1436
- Neha KV, Balabaskar P & **Naveenkumar R** 2016. Survey and Occurrence of *Rhizoctonia solani* (Kuhn) causing sheath blight of rice and in vitro efficacy of bacterial antagonists against *Rhizoctonia solani* (Kuhn). Journal of Environmental Biology. 37(6):1421-1427.