

Dr. P.K. RAI

Name :Dr. P.K.RAI
Date of Birth : 05.05.1668
Designation : Pr. Scientist Plant pathology (since 26.08.2009)
: Director (Act.) since 01.01.2017
Address ICAR- Directorate of Rapeseed Mustard Research, Sewar, Bharatpur (Raj.) 321 303

Employment Record & Experience (Total 23 years experience of Teaching, Research and Management)

Designation	Pay scale	Nature of work	Organization	Institute & Place of posting	Period (From-to)	Duration (years, months)
Pr. Scientist & Director	37400-67000	Research & management	ICAR	DRMR, Bharatpur	01.01.2017- conti....	18 months
Principal Scientist	37400-67000	Research	ICAR	DRMR, Bharatpur	26.08.2009- 31.12.2016	7 years & 4 months
Assoc. Professor	12,000-18,300	Teaching & Research	S.V. P.U.A. & T., Meerut	College of Biotechnology, S.V.. P.U.A. & T., Meerut	06.04.2005 to 25.08.2009	4 years & 4 months
Asst. Professor (Senior scale)	10,000-15,200	Teaching & Research	S.K.R.A.U., Bikaner	S.K.N. College of Agriculture, Jobner (RAU, Bikaner)	19.05.2001to 04.04.2005	3 years & 10 months
Asst. Professor	8,000-13,500	Teaching & Research	S.K.R.A.U., Bikaner	S.K.N. College of Agriculture, Jobner (RAU, Bikaner)	27.11.1996 to 18.05.2001	4 years & 6 months
Senior Research Fellow (after Ph.D.)	2500/- plus HRA	Research	C.S.I.R., New Delhi	Institute of Agricultural Sciences, Banaras Hindu University	01.01.1994 to 23.11.1996	02 years & 11 months

Training attended: 04

Student guided for M. Sc. And Ph. D. degree

For M.Sc. degree: 09

For Ph.D. degree: 04

U.G. and P.G. courses taught: More than 25 UG and PG courses taught

Designing of course curriculum: 04

Awards/Recognition

1. Best Poster Award (2005) in National symposium held at RGPG College, Meerut

2. Fellowship Award (2009). Hi-Tech Horticultural Society, Meerut, India
3. Best Team award (2011) Institute Purchase Committee, ICAR-DRMR, Bharatpur.
4. Fellowship award (2014). Indian Society for Mycology and Plant Pathology, Udaipur.
5. Fellowship award (2015) Society for Plant research, Meerut.
6. Fellowship award (2016) Society For Recent Development in Agriculture, Meerut.
7. Best Scientist Award (2016) ICAR-DRMR, Bharatpur.
8. Life Time Award (2017) Indian Society of Genetics, Biotechnology Research and Development, Agra.
9. SRMR-Fellowship (2017) Society for Rapeseed-Mustard Research, Bharatpur, India (Professional society)
10. Bioved-Honorary Fellowship Award-2018 Bioved, Allahabad, India (Professional society)
11. Chairman and member of about 30 different committees like Chairman, Institute Management Committee; Chairman, Germplasm identification committee, Chairman, Institute Research Committee, Chairman, Institute Purchase Committee etc.
12. Paper setter and external examiner in 06 Universities

Project handled:

1. CSIR Grant in aid (sponsored) project on “Integrated management of pigeon pea wilt complex (PI)” from 01.01.1994 to 23.11.1996
2. DAC, Ministry of Agriculture, Govt. of India sponsored project “Establishment of Biofertilizer Production Unit” at SVPUAT, Meerut (PI) 2005-06.
3. ICAR Sponsored Network Project on Transgenics in Crops “*Brassica* Functional Genomics for Alternaria and heat/temperature tolerance. (PI). 20.10. 2009 to 31.03.2017.
4. ICAR Sponsored Network Project on Transgenics in Crops “Development of Aphid Resistance Transgenic *Brassica*(Co-PI). 20.10. 2009 to 31.03.2015.
5. ICAR sponsored project "CRP on Molecular Breeding for improvement of tolerance to biotic and abiotic stresses, yield and quality traits in mustard" (Co-PI). 25.06.2015 to continue.
6. DBT sponsored project " Development of white rust resistant mustard with high oil quality" (Co-PI). 20.05.2015 to continue.
7. Institutional Research Project on “Epidemiology and management of white rust of rapeseed mustard (PI)” Oct., 2009 onward.
8. Institutional Research Project on "Marker-assisted pyramiding of white rust resistance loci in Indian mustard (Co-PI), 10.06.2012 to Continue.
9. Institutional Research Project on "Management of Rapeseed-Mustard genetic resources (Co-PI). 15.07,2011 to continue.
10. Institutional Research Project on " Development of hybrids in Indian mustard (*B.juncea*)" (Co-PI) 25.09.2013 to continue.
11. Institutional Research Project on "Breeding for high yield and oil content under normal and moisture stress condition" (Co-PI). 25.09.2014 to continue.

Involvement in Participatory Technology

1. On farm research and demonstration trial for integrated management of pigeon pea wilt complex during 1995-96

2. On farm research and demonstration trial for cumin wilt management during 2002-03 & 2003-04
3. On farm research and demonstration trial for cucumber wilt management during 2003-04
4. On farm research and demonstration trial for the management of Alternaria blight of senna during 2003-04 & 2004-05

Protocol /Module developed: (09)

1. Development of IDM module for Cumin wilt management
2. Development of IDM module for Pigeon pea wilt management
3. Management strategy for Alternaria blight of Periwinkle
4. Management strategy for Alternaria blight of Senna
5. Management strategy for cucumber wilt
6. Management strategy for post-harvest fruit rots of tomato
7. Management strategy for ripe fruit rot of chili
8. Commercialization of Biofertilizer production
9. Modified DNA isolation protocol

Publications:

Research Papers: 52

Book chapters: 03

Practical Manuals: 02

Technical bulletins: 15

Popular articles: 08

Presentations in Conferences/Symposia/Seminars/other fora: (25)