

BIO DATA

1. Name of applicant : Dr. Raghavendra Porwal				
2. Designation: Professor				
3. Subject: Horticulture				
4. Department : Horticulture				
5. Place of present posting : College of Agriculture (SKNAU), Fatehpur Shekhawati , Distt. Sikar (Rajasthan) 332301				
6. Present Address (Official): College of Agriculture (SKNAU), Fatehpur-Shekhawati, Distt. Sikar, (Raj.)-332301				
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7 Academic qualification				
Examination/Degree	Year	Board/Univ.	Div.% of marks or OGPA (Major subjects)	
Bachelor's Degree	1988	RAU, Bikaner	62.5/100	
Master's Degree	1991	RAU, Bikaner	7.42/10.00	
Ph.D.	1997	RAU, Bikaner	3.10/4.00	
NET	1995	ASRB, N. Delhi	Horticulture	
1. Specify other details: (If any) “Diamond achievers award, 2022, held at New Delhi, by Council for academic performance and Appraisal (Regd.), Delhi.”				
8. Title of thesis submitted for any degree with year of submission :				
a) M.Sc.(Ag.)- “Effect of Nitrogen, Phosphorus and Spacing on growth, yield and quality of Head Lettuce (<i>Lactuca sativa</i> L.) cv. Great lakes.”				
b) Ph.D- “Effect of pruning severity, plant growth regulator and nutrients on growth, yield and quality of Damask Rose (<i>Rosa damascena</i> Mill.)”				
9.Experience:				
A. Teaching	Period	No. of years	PG/UG Class	Institution
B.Sc.(Hons.) Ag.	19-09-2024 to 31/12/2024	3 months	UG	COA, Fatehpur Shekhawati
B.Sc.(Ag.) & M.Sc. Fruit Science	2024-25	01	PG & UG	COA, Fatehpur Shekhawati

10. No. of students guided: 01(In progress)

11. Mention below the field of your specialization and number of years in each

1. Floriculture: Three year during Ph.D.

2. Olericulture: Two year during M.Sc.

12. Publications: List enclosed (Annexure-I)

A. No. of Research Papers: 22

B. Technical popular articles and folders:10

C. Book Chapters: 01

D. Life Membership of Societies: 01

E. Participation in refresher course/orientation programme/Summer/Winter Schools/ Seminar / Symposia: 14

Annexure I

Research Paper: 22

1. Porwal,R. and R.C. Khandelwal (1994). Effect of nitrogen, phosphorus and spacings on growth, yield and quality of head lettuce (*Lactuca sativa* L.) cv. Great lakes. *R.A.U.Res.J.*(1-2):38-44.
2. Pundir, J.P.S. and R.Porwal (1998). Management of propagation techniques in lehsua (*Cordia dichotoma* forst 'f) under semi arid condition of rajasthan. *Proc.nut.semi.mgt .ntl. res. raj.*, R.A.U., Bikaner (oct.5-7,1998):140-146.
3. Pundir,J.P.S.and R.Porwal (1999). Effect of spacing and fertilizers on growth, yield and physical fruit quality of Chilli (*capsicum annum* l.) Cvs. *J. spices and aromatic crops.* 8(1):23-27.
4. Pundir, J.P.S., S.S.Verma and R. Porwal(1999). Studies on growth, flowering and fruiting behaviour of lehsua (*Cordia dichotoma* forst'f) in rajasthan. *J. human ecol., deptt.anth. delhi uni.*(7):77-83.
5. Pundir,J.P.S. and R. Porwal (2002). Datepalm: a friend of Thar Desert. *Ind. Horti.* 47(1):13-15
6. Porwal,R.; C.L. Nagda and J.P.S. Pundir (2002). Influence of plant growth regulators on vegetative growth and flower earliness of damask rose. *South Ind. Horti.* 50(1-3)119-123.
7. Pundir, J.P.S. ; R.Porwal and I.M.Verma (2004). Effect of ferrous sulphate and thiourea spray on datepalm cv. medjool. *Annals of Agri. Bio. Res.* 9(1)47-52.
8. Shirke,G.D.; Haldankar,P.M. and Porwal.R. (2013). Evalation of growth and yield of snap melon (*Cucumis melo* var. *momordica*) genotypes. *Prog.Res.*(8):565-566.
9. Shirke, G.D.; Porwal. R. and Sharma, R. K. (2013).Studies on growth, yield and tuber characteristics of sweet potato varieties. *Prog.Res.*(8):567- 568.

10. Sharma,R.K.; Porwal,R. and Mathur,G.N. (2013). Impact of Frontline Demonstration on adoption of Improved technologies of greengram. *Envi.Eco.* 31(2A): 730-734.
11. Sharma,R.K. Arora, D.; Chodhary, P.C. and Porwal, R.(2013). Improvement of productivity of coriander (*Coriandrum sativum* L.) through Front Line Demonstrations. *Intl.J.Seed Spices*.3(1):68- 69.
12. Sharma, R. K.;Sharma, S. K. and Porwal, R. (2013). Perfomance of inservice personnel on Integrated Pest Management (IPM) trainings. *African J.Ag.Res.*37:4670-4673.
13. Gadwal. O.P., D.Arora, S.K.Sharma, R.K.Sharma and R.Porwal (2013). Seed spices – a better option for crop diversification in Nagaur district of Rajasthan. *Intl. J. Seed Spices.* 3(2):94- 96.
14. Ramakant Sharma, Dinesh Arora, R. Porwal and D.S. Bhati (2014). Knowledge empowerment of green gram growers through frontline demonstrations. *Journal of progressive agriculture* . volume : 5, issue : 2
15. Porwal,R.;Sharma,R.K. and Sharma,S.K.(2014). Effect of raising of healthy Tomato seedling on production enhancement. In 7th NEEC-2014) on Translational Research Extention for sustainable small farm development”, organized by Society of Extn. Edu., Agra; held at ICAR complex for NEH region, Umiam, Meghalaya during 8 – 11 Nov., 2014. **(Paper presented and documented in National Symposium / Conference at International/ National / level)**.
16. D.S.Bhati, Ramakant Sharma, R. Porwal, S.K.Sharma and Dinesh Arora (2017). Knowledge level of different categories of farmers about improved mustard production technology in district ajmer, rajasthan. *Journal of progressive agriculture.* volume : 8, issue : 1
17. D.S.Bhati, Ramakant Sharma, R. Porwal, S.K.Sharma and Dinesh Arora (2017).Constraints faced by the aonla growers. *Journal of progressive agriculture.* volume : 8, issue : 2
18. D.S. Bhati, R.K. Sharma, R. Porwal, Dinesh Arora. (2019). Sahbhagita purna kishm chayan prakriya dwara sarso ki upyukt kishmo ka chyan. *Journal of progressive agriculture.*volume10, issue:1
19. D.S. Bhati, R.K. Sharma, R. Porwal, S.K.Sharma and D. Arora (2021). Rajasthan ke ajmer jile mein sarso ki kheti ki anumodit utpadan taknniki me prodhyogiki antral avam avrodho ka adhyan. *Journal of progressive agriculture.* Volume: 12(1)

20. S.K.Sharma, R.K.Sharma, D.S.Bhati and R. Porwal (2022). Integrated pest management practices in horticultural crops of arid and semi-arid ecosystem compedium of winter school on crop diversification with low volume high value seed spices and horticultural crops for doubling farmer's income. 11-31 January, 2022.

21. Porwal R. and D.S.Bhati (2023). Studies on the feect of pruning severity and growth retardants on flowering, flower quality and yield of *Rosa damascena*. *Journal of progressive agriculture*. Vol. 14 (1): 64-68

22. Porwal R., D.S.Bhati and Singh, A.P. (2023). Study of spacing and fertilizer on growth, yield and physical fruit quality of chilli (*Capsicum annum L.*) varieties. *Journal of progressive agriculture*. Vol. 14 (2): 77-79

Technical popular articles and folders:10

1. Khire ki unnat tarike se kheti.(In hindi) Haldhar Times.19/01/2014.
2. Bharat ka Raja urope ki Rani.(In hindi) Rajasthan patrika.06/02/2014.
3. Production of chilly (in hindi) 2006
4. Production of coriander (in hindi) 2006
5. Production of onion (in hindi) 2006
6. Production of garlic (in hindi) 2006
7. Production of fennel (in hindi) 2006
8. Production of fenugreek (in hindi) 2006
9. Production of Cumin (in hindi) 2006
10. Gypsam ke upyog se Upaj badhaye

Book Chapter published: 01

1. Datepalm production in thar desert.Pundir,J.P.S. and Porwal.R.(2001).Ecology and resourse management of indian desert.(edited by-P.L.Saroj,C.I.A.H.,Bikaner.

Life Membership of Societies: 01

1. "Indian Society for Arid Horticulture" (Founder Member) CIAH, Bikaner.

Participation in refresher course/orientation programme/Summer/Winter Schools/ Seminar / Symposia:

S. No	Title of the course	Duration	Name of the organizing institution
1	Orientation Training programme	2-08 August 2010	ASCDEC, SKRAU Bikaner
2	Winter school on Fundamentals of Plant Health Management for Plant Health Doctors"	17Jan.2014 – 6 Feb.2014.	NIPHM, Rajendra Nagar, Hydrabad
3	Short course on " Geostatical modelling for	21 – 11Sep.,	CAZARI, Jodhpur

	spatio – temporal assessment of soil and water resources	2013	
4	Short course on “ Hitech interventions in seed spice production for enhancing productivity, nutraceutical quality and value addition	3 -12 Oct. 2013	NRCSS, Ajmer
5	National conference on “ Management and accountability in Higher education	8-9Jan.2011.	Govt. College, Ajmer
6	National consultation on “ Seed spices biodiversity and production for export-perspective, potential, threats and their solutions.	7July,2010	N.R.C.S.S., Ajmer.
7	Training of Trainers(TOT) on “ Optimal water use in field and horticultural crops”	14-27 Sep., 2011	ARS, Ganganagar
8.	National seminar on “Harnessing seed spices for better socio- economic well-being.”	6-7 Jan. 2012	NRCSS, Ajmer
9.	National seminar on “ Production, productivity and quality of spices	2-3Feb.2013	PanchayatiRaj Bhawan, Jaipur organizes by NRCSS, Ajmer
10.	Training on “ Post harvest processing and value addition of Pearl millet under INSMP	21- 22 March, 2013	Centre of Excellence on Pearlmillet, CCS-HAU, Hissar
11.	International Conference on Extention Education in perspective of advances in natural resource management in agriculture (NaRMA-IV)	19 – 21 Dec. 2012.	SKRAU, Bikaner
12.	National conference on “ Effects of Biotechnological Advancement on Environment	22 -23 Nov. 2013.	Dayanand College, Ajmer
13.	Advanced training programme on “Agriculture knowledge management	17-20 Dec.,2014	DEE, SKRAU, Bikaner
14.	National congress(7 th NEEC-2014) on Translational Research Extention for sustainable small farm development	8 – 11 Nov.,2014	organized by Society of Extn. Edu., Agra; held at ICAR complex for NEH region, Umiam, Meghalaya

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