PROFILE OF DR POWAN KUMAR SINGH

1. **Dr. Powan Kumar Singh ,**
2. **Associate Professor**
3. Department of Agricultural Chemistry and Soil Science, SASRD, NU, Medziphema
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6. Date of joining university- 19th August 2003
7. Education: M.Sc (Ag), Ph.D (Soil Science)
8. Teaching and Research area specialization- Soil fertility

9. Published papers in Refereed journals

SN	Authors name/year of publication/ Title of the Articles/Papers	Name and volume of the published of the Journal
1	**P.K.Singh** and S.K.Sharma (2004). Effect of genotypic variation and fertility treatments on the nutrients content in leaf and dry matter production in Mollisols,	NURJ, pp 2:43-47.
2	Saplalrinliana ; S.K.Sharma and **P.K.Singh** (2004) Effect of N and K on the growth, yield and nutrient uptake by rice crop.	Oryza ,**42**: 227-229.
3	P.K.Singh; V.pal; Manoj Pandey and A.K.Singh (2005). Effect of irrigation water containing RSC (Residual Sodium Carbonate) on the yield, chemical composition and uptake of nutrients by Periwinkle leaves,	Indian J. Agric. Res., 39(2): 116-121.
4	S. Patton ; S.K.Sharma and **P.K.Singh** (2005). Characterization of acid soils of Nagaland,	*Annals of Plant and Soil Res.* Vol. **7** (1) 18-20.
5	**P.K.Singh;** V.Bhardwaj and and S.K. Sharma (2005) Nutrient requirement for optimum yield of hybrid rice in Mollisols.	*Ann. Agric. Res .New Series***,** Vol. **26** (4): 561-567.
6	**P.K.Singh** and Ajay (2005) Effect of foliar application of micronutrients on growth, yield and economics of tomato (*Lycopersicon esculentum* Mill.),	*Indian Journal of Hill Farming* **18** (1&2): 128-130.
7	**PK Singh;** Ajay and S.K. Sharma (2006) .Effect of different chemicals on seed germination of Commiphora mukul & Chlorophytum borivilianum: an important medicinal plants.	*International Journal of Chemical Sciences*, 4(1): 120-124
8	Saplalrinliana; S.K.Sharma and **P.K.Singh** (2006). Effect of N and K on the physico-chemical properties of soils at harvest of rice crop in acid soil.	*J. Interacad.* **10** (4): 503- 507.
9	Manoj Pandey** Vinay Singh and **P.K. Singh*** (2006) Effect of integrated nutrient management on yield, protein yield, nutrient content and uptake of cauliflower crop	*Indian Journal of Hill Farming* **19** (1&2) : 128-130
10	**P.K.Singh** and V.Bhardwaj. (2007). Effect of different nutrients level on yield and yield attributing of hybrid and inbred rice varieties	Oryza, **44,** (2): 137-13,
11	**P.K.Singh ,** A.B. Singh, S.K.Sharma and R.C.Gupta (2007) Effect of industrial waste on the status of P,S and Mn and the yield of mustard crop,	J. Interacad. **11** (1): 40-43.(2007)
12	S.Patton; S.K.Sharma and **P.K.Singh**(2007). **.**Characterization of the acidity of soils under different land use pattern in Nagaland.	JISSS, New Delhi .**55** (2):134-138
13	**P.K.Singh;** V.Bhardwaj; S.K.Sharma and R.C.Gupta(2008). . Performance of different nutrients level on yield and growth attributes of hybrid and inbred rice,	NURJ, **5**: 42-47.

14	**P.K.Singh** and V.Bhardwaj (2008). .Effect of rice varieties and fertilizer treatments on physico- chemical properties of soil after harvest of rice,	*NURJ*,**5**:98-101
15	Seema Sahu, S.Lidder and **P.K.Singh** (2008). Study the effect micronutrients and biofertilizers on growth, yield and micro- nutrients uptake by chickpea,	*Advance of crop Sciences*, (2008), Vol.(II). pp -501-503
16	**P.K.Singh** and A.K.Biswas(2008). Determine the potassium releasing power of acid soils of Nagaland.	*JISSS*, New Delhi, Vol 56: 305-308.
17	**P.K.Singh** and A.K.Biswas and S.P.Singh (2009). .Effect of sewage irrigation on heavy metal load of Okra, Spinach and Cauliflower crop in Vertsols of M.P",.	IJH, N. Delhi Vol. 66 (2): 110-112
18	**P.K.Singh**** and Seema Sahu (2009)..Effect of Micronutrients and Biofertilizers on N, P, K, and S Content, Uptake and Yield of Chickpea Crop,	Environment and Ecology, Vol 27 (3): 1123-1126
19	**P.K.Singh** ; Imnuksungba and S.P.Kanajuia (2009). . Effect of Integrated Nutrient Management on growth, Yield, Its Attributes and Nutrients Uptake of Mustard Crop in Acidic Soils of Nagaland,	Environment and Ecology, Vol. 27 (3): 1036-103
20	Kedino Zango, S. P. Kanaujia, V.B. Singh and **P.K. Singh[1].** (2009) .Effect of Organic Manures and Biofertilizers on Growth, Yield, Quality of Cabbage (*Brassica oleracea* var. *capitata*) under foot hill condition of Nagaland.,	Environment and Ecology, W.B, Vol. 27 (4): 1127-1129. (2009)
21	**P.K. Singh** and A.K. Singh. (2010). Response of Mungbean (*Vigna radiata* L. wilczek) in relation to micronutrients content and yield as affected by sulphur and cobalt application,.	Environment and Ecology, Vol. 28 (3): 564-568
22	**P.K.Singh**, S.K.Sharma and R.C.Gupta.(2011) Use of agro-forestry as a tool for bio-drainage. .	BIOVED, Allahabad, New Ag. (12)112-115
23	Vimera, K; S. P. Kanaujia, V.B.Singh and **P.K. Singh[1]** (2012). Effect of integrated nutrient management for quality production of kingchili in an acid alfisoils.,	JISSS, New Delhi Vol.60 (1): 45-49. (2012).
24	Takusunep; T. Gohain and **P.K.Singh** .Performance of different Soybean (Glycine max L.) Varieties Under Rainfed Conditions of Nagaland.	J. Interacad. .*16 (1): 52-58.* (2012).
26	A.K.Singh, Mandhata Singh , **P.K.Singh,** S.K.Sharma and AND R.C.Gupta (2012). Effect of INM on growth, yield, quality and economics of soybean (*Glycine* max L.).	Indian Society of oilseeds research,pp121-124.
27	Takusunep; T. Gohain and **P.K.Singh** (2012) .Performance of different Soybean (Glycine max L.) Varieties Under Rainfed Conditions of Nagaland.	J. Interacad. .*16 (1): 52-58.*
28	**P.K.Singh**,Seema Sahu and T.Gohain (2013). Effect of micronutrients and biofertilisers inoculation on nutrients budgeting and yield of chickpea.	Ad.Plant Sci. 26(II) 647-650
29	**P.K. Singh and** Hage Munth (2013). Comparative study of physico-chemical, nutrients availability and acidic properties of Arunanchal Pradesh soil under different land use systems.	AJSS, **8 (2):** 457-462
30	**P.K. Singh and** Hage Munth (2013). Fertility status of soil under forest and cultivated land use system of Nagaland: A comparative study	AJSS,**8(2)** : 470-475
31	A.K.Singh, **P.K.Singh,** Manoj Kumar,L.J Bordoloi and A.K. Jha(2014) Nutrient Management for Imroving Mungbean Productivity of Acidic Soil of Narthest India.	IJ HILL FARMING (27) 1:62-71
32	**P.K.Singh** [1] , Kokhro Krom [2], V.B.Singh [3] (2015) Effect of different levels of Nitrogen in combination with bio fertilizers on different varieties of pea under acidic conditions of Nagaland	Ad.Plant Sci. 26(II) 647-650
33	**P.K.Singh** [1] and Sanjay Saffi [2] (2015) Changes in soil properties with topographic situation of Jaintia soil series of an Acidic soil of Nagaland: a case study	Ad.Plant Sci. 26(II) 647-650
33	**P.K.Singh,** Chathavise and S.P.Kanaujia (2015). Effect of Biofertilizers,Lime and Different Levels of Nitrogenous Fertilizers on the Growth and Yield of Garden Pea (Pisum Sativum L. Hrtense**)**	Ind.J of Agril. & allied Science, Vol.1(3): 11-16
34	**T**.ester Longkumer and **P.K.Singh** (2015). Effect of Integrated Nutrient Management on Growth,Yield and Nutrients Availability of Rajmash in Acid Soil of Nagaland.	Ind.J of Agril. & allied Science, Vol.1(4): 1-6
35	Atou Kharutso , A. P. Singh , L.Tongpong Longkumer , P. L. Singh and	*An Asian Journal of Soil*

	P. K. Singh (2016). Effect of organic manures and *Azospirillum* on productivity and economics of maize (*Zea mays* L.)	*Science*Volume 11 | Issue 1 | June, 2016 | 213-216 |
36	P.K.Singh,1 Sanjay Saffi2 (2016). Changes in Soil Properties with Topographic Situation of Jaintia Soil Series of an Acidic Soil of Nagaland : A Case Study	*Indian Res. J. Genet. & Biotech 8(1) : 18 – 22 (2016))*
37	T. Esther Longkumer, P. K. Singh*(2016).* Effect of Integrated Nutrient Management on Soil Physico-Chemical Properties of Rajmash in Acid Soil of Nagaland	. *Indian Res. J. Genet. & Biotech. 8(2) : 146-152*
38	A. Namei,[2] ,P. K. Singh and P. Chowdhury[3] (2016). Establishment of Relationship between Different Important Properties of Soils Under Various Land Use Systems and the Impact of Shifting Cultivation on Longleng Soil of Nagaland	. International Journal in IT and Engineering, Vol.04 : 237-240(2016).
39	P.K. Singh, A.B. Singh* and Brajendra[1] . A Comperative Study of nutrients availability between Cultivated and forest soils of wokha District of Nagaland	*Progressive Research Volume 11) : 142-144 (2016)*
40	P.K. Singh[1], M.Z. Kithan[2] and and Brajendra[3] . (2016) .Performance of Kingh Chilly (*Capsicum chinense*) as Influenced by Integrated Nutrients Management With and Without Liming in Acid soil Under Nagaland Condition	*Progressive Research Volume 11) : 145-150 (2016)*
41	P.K. Singh*, T. Achumi and Brajendra[1] (2016). Characterization of the land use practices on the physico-chemical properties of Acid soil of Nagaland.	*Progressive Research Volume 11) : 151-153*
42	Alika N. Zhimo and P.K. Singh* (2017) . Studies of the physico-chemical properties of Nagaland forest Soil: . A Case Study	*Progressive Research Volume 12 , : 1403-1406*
43	Alika N. Zhimo and P.K. Singh*(2017), Studies of the physico-chemical properties of Nagaland Cultivated t Soil : . A Case Study	*Progressive Research Volume 12, : 1403-1406*
44	Lireni Lotha, P.K. Singh* and A.P. Singh1 (2017) Effect of phosphorus and sulphur on yield and yield attributes of sunflower crop under acid condition of Nagaland	*Progressive Research Volume 12 , : 1403-1406*
45	PK Singh and Amenla Jamir (2017) Study on soil fertility status influenced by direct seededand transplanted rice under Kohima district of Nagaland	Journal of Pharmacognosy and Phytochemistry 2017; SP1: 175-179
46	PK Singh and Amenla Jamir (2017) .Comparative study of soil fertility status of direct seeded and transplanted rice under Kohima district of Nagaland	Journal of Pharmacognosy and Phytochemistry SP1: 64-68
47	P.K.Singh and Camelia Majao (2017) . Effect of Site Specific Nutrient Management on Yield of Rice and Nutrients Status of Soil.	Bull. Env. Pharmacol. Life Sci., Vol 6 Special issu5] 2017: 451-454
48	P.K.Singh and Camelia Majao (2017) . Study the performance of rice crop through site specific nutrient management of Nagaland soil	Bull. Env. Pharmacol. Life Sci., Vol 6 Special issu5] 2017: 455-459
49	Kevineituo Bier and PK Singh(2018) Studies on sulphate releasing characteristics of acid soils under Jhum cultivation in Nagaland	Journal of Pharmacognosy and Phytochemistry 2018; SP1: 435-440
50	Kevineituo Bier and PK Singh(2018) Sulphate Releasing Pattern of Soils under Acidic Conditions of Forest Soils of Nagaland	Journal of Pharmacognosy and Phytochemistry 2018; SP1: 441-443
51	Kevineituo Bier and PK Singh(2018) Studies on Soil Fertility Status under Different Land Use Systems in Nagaland	Journal of Pharmacognosy and Phytochemistry 2018; SP1: 416-420

10. Book Chapter/book

a. Chapters contributed in knowledge based volume published by National level with ISBN numbers with International directors

SN	Title of the book with Page No.	Name and address of the publisher	Month & year of the publication
1	**P.K.Singh;** M.V.Singh and S.K.Sharma (2003) Effect of RSC irrigation water on growth and yield of periwinkle crop. In book: "Horticulture for sustainable income and environmental protection pp-380-384	Concept publication Pvt Ltd. N Delhi.	2003
2	Ajay and **P.K.Singh (2003)** Effect of sewage water on turmeric cultivation. In book: "Horticulture for sustainable income and environmental protection pp-633-636	Concept publication Pvt Ltd. N Delhi	2003
3	A.K.Singh; **P.K.Singh** and S.K.Sharma (2003). Integrated nutrient management and sustainable agriculture. In book: Composite farming practices and economic development 189-201	Abhisek Publication Agra	2003
4	Chapter: **P.K. Singh** .Role of microorganism for improving compost quality. In: Advances in Organic Farming Technology in India. Pp, 231-243	ICAR, NEH Region, Meghalaya	2007
5	**P.K.Singh** and Manoj Pandey (2007) Study the effect of integrated nutrient management on curd yield, protein yield, and nutrient uptake of cabbage crop. 162-168	TISPAS, Dimapur, Nagaland	2007
6	Khate A;, S. P. Kanaujia, V.B.Singh and **P.K. Singh**[1] (2012). Effect of integrated nutrient management on yield and Economics of Cucumber(Cucmis *sativus L*) .pp-102-105	*NURC, pp-102-105*	2012

b. Other publications

SN	Title of the book	Name and address of the publisher	Month & year of the publication
1	Practical Manual of Soil Chemistry, Fertility and Nutrient Management	GRAPHIC INDIA, Dimapur	2012
2	Practical Manual of Soil Chemistry	GRAPHIC INDIA, Dimapur	2014
3	Practical Manual of Soil Physics	S.P.Printer,Dimapur	2015
4	General agriculture	Nipa publication	2017
5	Promotion and Reinvigorating Agri-Horti. Technological Innovations	Parmar Publishres and distributers, Dhanbad	2017
6	Souvenir cum Lead/Abstracts Proceeding book	Society for Agrocultur Innovation and Development Ranchi, Jharkhand	2017

11. Handling of research/consultancy project (Recent to old)

1. AICRP on rice from IIRR, Hyderabad (Volunteer Centre) from 2013 onward going
2. Network project on Direct seeded rice from IIRR,, Hyderabad from 2015 onward going

12. RESEARCH GUIDANCE: Supervisor/Major Advisor/Joint Supervisor

a. M.Sc. (Ag) Students

SN.	Topic of thesis	Name of student	Degree	Year of award
1.	Effect of integrated nutrient management (INM) on mustard crop in acidic soils of Nagaland	Imnuksungba, admn No. M-387/04, Regn. No. 6346-96/97.	M.Sc. (Ag)	**2008**
2.	Effect of type of soil and land use practices on physico-chemical properties of acid soils of Nagaland	Miss. Tonikali Achumi, Admission No. M- 342/06, Regn. No. 07162 /2002-2003	M.Sc. (Ag)	**2010**.
3.	Study on physic-chemical properties of soils of Nagaland under foothill and uphill condition	Sanjay Kr. Safi, Adm. No. M-381/07, Regn. No. 05192003-04.	M.Sc. (Ag)	**2011**,
4.	Effect of different land use practices on fertility status and soil respiration of Nagaland and Arunachal	Hage Munth, Adm. No. M-411/08, Regn. No. 8005/2008-09.	M.Sc. (Ag)	**2012**
5.	Effect of organic and inorganic fertilizers on growth, yield and quality of different varieties of soybean (Glycine max)	Chathavisie Terhüja, Adm. No. M-489/10, Regn. No. 5005021	M.Sc. (Ag)	**2013**
6.	Effect of different levels of nitrogen in combination with biofertilizers on different varieties of garden pea under acidic conditions of Nagaland	Mr. Kokhro Krome Adm. No. 558/11, Regn. No. 31045283/06-07.	M.Sc. (Ag)	**2014**
7.	Performance of King Chilli (Capsicum chinense) as influenced by integrated nutrient management with and without liming in acid soil under Nagaland condition	Mr. M Zuchanthung Kithan, Adm. No. 557/11, Regn. No. 7028/07-08	M.Sc. (Ag)	**2015**
8.	Effect of Nitrogen and Phosphorus on the Performance of Tomato (Lycopersicon esculentum Mill) in Acidic Soil.	Mr. Kevineituo Bier Adm. No: M-597/12, Regn. No: 31047448	M.Sc. (Ag)	**2015**
9.	Effect of land use practices on phosphorus adsorption in an acid soil of Nagaland	Miss. ALIKA. N. ZHIMO, Adm. No. M-599/12, Regn. No.8026.	M.Sc. (Ag)	**2015**
10.	Study the Long-Term Effect of Various Land Use Systems on Physico- Chemical Properties of Soil under Longleng and Mokhokchung	Mr A. Namei , Admn. No. M -694/13, Registration No.9014/09-10,	M.Sc. (Ag)	**2016**

11.	Effect of Phosphorus and Sulphur on Production of Sunflower *(Helianthus annuus*) Under Acidic Condition of Nagaland"	Miss Lireni Lotha, Admn. No. M -692/13, Registration No.213008	M.Sc. (Ag)	**2016**
12.	Effect of FYM, NPK and Lime on Rice (*Oryza sativa*) Productivity in Low Land Acid Soils of Nagaland	Mr, S Nyekha, Admn. No. M -689/13, Registration No.9013/09-10	M.Sc. (Ag)	**2016**
13.	Yield maximization of rice through different sources of nutrients	Mr. Helungsuipoing Mbungtsa , Admn. No. M -736/14,	M.Sc. (Ag)	2017
14.	Effect of phosphorus and sulphur nutrition on yield and quality of sesamum (*Sesamum indicum L.*) under the acidic soil of Nagaland.	Miss Ojoni Tekseng, Admn. No. M -734/14	M.Sc. (Ag)	2017
15.	Effect of integrated nutrient management on growth, and yield of Amaranthus crop	Mr. Tumchopemo Jami, Admn. No: M -738/14,	M.Sc. (Ag)	2017
16.	Yield Maximization of rice (Oryza sativa) through site specific nutrient management under acidic soil of Nagaland"	Miss Nütolü Chüzho Admn. No. M -943/16, Registration No.12038**.**	M.Sc. (Ag)	2018
17.	"Effect of split application of N fertilizer on yield and soil productivity of transplanted rice in acidic soil of Nagaland."	Mr. Kewepfhü Khape No. M -945/16 Registration No.12041,	M.Sc. (Ag)	2018
18.	"Phosphorus availability indices and physic-chemical properties of various land use systems of soils of Zhunoboto."	Mr Anguka K. Achumi M-948/16, Registration No.12056,	M.Sc. (Ag)	2018

b. <u>Ph D student</u>

SN.	Topic of thesis	Name of student	Degree	Year of award
1.	Effect of Integrated Nutrient Management on Soil properties,gGrowth and Yield of Rajmash crop in Nagaland,	submitted by Mrs Esther longkumer,Admn No. Ph 87/07, Regd. No. 428/20119	**Ph.D**	**<u>2016</u>**
2.	Effect of Sulphur, Boron and Phosphorus Solubilizing Biofertilizer on Soybean (*Glycine max* L. *Merril*) under Foothill Condition of Nagaland"	**Kevineituo Bier,** Roll No. Ph-157/14	**Ph.D**	**Continue** (Thesis submission seminar presented)
3.	Impact of Integrated Nutrient Management on soil properties and yield of	**Seveto Nekha** (Ph 183/15).	**Ph.D**	**Continue**

	Mustard (*Brassica juncea*) crop in soils of Nagaland.			
4.	Phosphourus use efficiency as influenced by liming materials in soybean in a dystutrudept of Nagaland..	**(L.somendra singh, ph 225/17)**	**Ph.D**	**Continue**

13. Paper presented/attended in Conferences, Seminar/Symposia etc.

.SN	Title of the paper	Title of conference /Seminar	Organized by	Whether National / Internatio nal /
1.	**P.K.Singh**; V.Bhardwaj and B.Maji (2003). Effect of nutrients on the productivity of hybrid and inbred rice in Mollisols. (Proceeding)	National Academy of Agricultural Sciences (NAAS), 6th Agricultural Congress, Bhopal,pp-72.	ICAR and state government	National
2.	**P.K.Singh (2003)** Perspective on higher education in Nagaland.	Perspective on higher education in Nagaland	Central Executive Council Nagaland University Teachers Association	State level Seminar
3.	**P.K.Singh**, M.V.Singh and S.K.Sharma (2004). Effect of RSC (Residual Sodium Carbonate) water on the growth and yield of Periwinkle plant.	*Horticulture for environmental protection,* pp-43.	Horticulture Society, NU	National
4.	**P.K.Singh**;A.K.Biswas;S.K.Sharma and R.C.Gupta (2007) .Effect of land use practices on physico-chemical properties of acid soils of Nagaland under Mon District .	Development of Soil Science", 72nd annual convention held at Ranchi during Nov. 2-5,2007	University and Society	National
5.	**P.K.Singh** and Manoj Pandey(2007) Study the effect of integrated nutrient management on curd yield, protein yield, and nutrient uptake of cabbage crop.	"Impact of Agricultural Technology on Socio economic Development for Rural Community"	organized by TISPAS, Dimapur, Nagaland on 27-10-2007	National
6.	P.K.Singh (2008) Industrial Effluent and their Uses in Agriculture	Developing Winning Based Research Proposal in Agriculture,	ASSOCHEM and Ritesh Educational &Development Society	National
7.	**P.K.Singh** and Toni Kali (2010). Physico-Chemicals Characteristics of acid soils under different land use practices" presented in National seminar on "SASRD, N.U. Medziphema, 17-19, November, 2010	Sustainable Natural Resources and its utilization for enhancing the Agricultural Productivity in India National,	Dept. of Agri. Econo. Nagaland University	National
8.	**P.K.Singh** and Sanjay Saffi (2010) Phisico-chemical properties of soil affected by land use practices"	Soil and Water Management for Agricultural Transformation in Bihar , India during 11th to 13th February-2010	Rajendra Agricultural University, Bihar	National
9.	P.K.Singh (2011) Effect of Natural and farmers land use practices on nutrients status of acid soils under Wokha District of Nagaland	Managing Sustainable Development of Rural Economy and Agribusiness Institute of Agri. Sciences BHU,	Institute of Agri. Sciences BHU,	Internatio nal
10.	Linking Small Time Entrepreneurs' with Govt. Scheme and Markets on 4th	Linking Entrepreneurs	ASSOCHAM and NRC Mithun	National Workshop

	March 2011			
11.	**P.K.Singh (2012) .** Management of Agricultural Industrial waste product	Material Science	UGC and Patkai Christian College, Dimapur	National
12.	**P.K.Singh.** (2012) Contribution towards enhancing the reputation and the spirit of the school through participation in the North-East Expo, 2012.	Agri Clinic	Nagaland University	State level
13.	P.K.Singh (2012) Fertility status of Acid Soil of Nagaland , on 16-17 March 2012.	Biodiversity Conservation and Environment Health	Assam University ,Silchar	Internatio nal
14.	P.K.SINGH AND A.K.BISWAS (2012) Potassium Releasing Power of Different Soil Series of the Acid Soils of Nagaland"	Strategies to Rationalize and Reduce Consumption of Water Soluble Phosphorus and Potassium in the Country to Minimize Import	Indian Institute of Soil Science, Bhopal during December 18-19, 2012.	National Seminar
15.	**P.K.Singh,** . (2013).Performance of king chilli as influenced by integrated nutrient management**.**	Emerging challenge and prospective strategies for Hill Agriculture in 2050.	Indian association of Hill Farming at Jharnapani, Jan. 2014.	National
16.	**P.K.Singh.(**2013) Certificate of Appreciation, towards Sustainable Agriculture in Naga Kheti Mela held in 17^{th}-19^{th} , October,2013.	Technology Demonstration	Nagaland University	State level
17.	**P.K.SINGH** AND A.K.BISWAS (2012) "Potassium Releasing Power of Different Soil Series of the Acid Soils of Nagaland"	Strategies to Rationalize and Reduce Consumption of Water Soluble Phosphorus and Potassium in the Country to Minimize Import	Indian Institute of Soil Science, Bhopal during December 18-19, 2012.	National Seminar
18.	**P.K.Singh** and Chathavisie Terhüja, and S.P.Kanaujia (2014). Effect of Biofertilizers, lime and different levels of nitrogenous fertilizers on the growth and yield of garden pea (*Pisum sativum L.hortense*)	Status of land Resources: challenges and Solution Dated on 6^{th} March 2014	BVRI, Agra	National level
19.	**P.K.Singh*** and Kevineituo Bier (2014) Sulphate releasing characteristics of soils under uphill and foothill conditions of selected districts of Nagaland	Novel Innovations and Strategies for Boosting Production and Productivity in Agriculture ICNISBPPA	Mahima Research Foundation & Social Welfare and BHU, Varanasi, 15-16 Nov., 2014	Internatio nal
20.	**P.K.Singh** (2014) Effect of Levels of Nitrogen and biofertilizer on garden pea under acidic condition.	Emerging challenges and opportunities in biotic and a biotic stress management (ECOBASM-2014)	DRR-hyderabad	National
21.	**P.K.Singh** (2014) Effect of INM on growth and yield of King chilly	(ECOBASM-2014)	DRR-hyderabad	National
22.	**P.K. Singh** and Alika. N. Zhimo(2015) Effect of land use practices on phosphorus adsorption in an acid soil of Nagaland	*International Conference on Bio-resource and Stress Management*	(PJTSAU), Rajendranagar, Hyderabad, India during 7-10th Jan 2015.	Internatio nal
23.	**P.K.Singh** (2015) Response of different varieties of peas under fertility treatment an acidic condition of Nagaland	Sustainable horticulture vis a- vis changing environment,	SASRD,NU Feb-26-28,2015	National