

CURRICULUM VITAE

Name : DR. AKHILESH KUMAR

Father's Name : Shri Rama Nand Rai

Date of Birth : 8th January, 1970

Marital Status : Married

Sex : Male

Designation : Scientist
(Plant Protection)

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Educational qualification :

Degree	Board/University	Year	Division	% of marks	Subject
Ph.D.	IASc, BHU, Varanasi	2000	1 st	74.00	Entomology & Agril. Zoology
M.Sc. (Ag.)	CSAUAT, Kanpur	1993	1 st	84.24	Entomology
B.Sc. (Ag.)	NDUAT, Faizabad	1989	1 st	78.14	Agriculture

Intermediate	U.P. Board, Allahabad	1986	1 st	68.20	Agriculture
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**Award/ Recognition/
Fellowship**

- Reviewer Excellence Award-19: IJAR journal on 22 January, 2019 from ARCC, Karnal, Haryana
- Best poster paper presentation Award-2019: Arivision-2019 on 28-29 January, 2019 at NASC, Pusa, New Delhi
- Best poster paper presentation Award-2018 : Arivision-2018 on 24-25 March, 2018 at NASC, Pusa, New Delhi
- Dr. J.C. Edward Medal Award-2018 : Bioved Research Society, Allahabad (2018)
- Krishi Vigyan Gaurav honorary degree: Best paper publication in Hindi, Bhartiya Krishi Anusandhan Patrika, BKAS & ARCC, Karnal, Haryana
- Best postar paper presentation Award-2016 : Arivision-2016 on 13-14 Feb., 2016 at JNKVV, Jabalpur
- Achiever Awards-2015 : SADHNA, Dr. YSPUH&F, Solan(HP)
- Best paper presentation award-2015 : 17th IASFC on 21-22 Feb., 2015 at BRIAT, Allahabad
- Best paper presentation award-2013 : 15th IASFC on 22-24 Feb., 2013 at BRIAT, Allahabad
- Young Scientist Associate Award-2011 : Bioved Research Society, Allahabad (2011)
- Fellow : Society of Plant Protection Sciences of India, IARI, New Delhi (2011)
- Dr. S.L. Mishra Medal Award-2010 : Bioved Research Society, Allahabad (2010)
- Fellow : Indian Society of Pulses Research and Development, IIPR, Kanpur (2009)
- Fellow : Entomological Society of India, IARI, New Delhi (2003)
- Fellow : Society for the Protection of Environment, SPESD, BHU, Varanasi (2001)
- UGC Junior and Senior Research Fellowship during Ph. D. programme
- Merit scholarship during Ph. D. programme
- Merit scholarship offered by Government of U.P. during B.Sc. (Ag.) and M.Sc. (Ag.) Entomology
- Inter-university Game Certificate (Kho-Kho)

Thesis Title

:

M.Sc. (Ag.) : Studies on population dynamics of aphid, *Aphis craccivora* Koch. on bean, *Dolichos lablab* Linn.

Ph.D. : Study of the insect-pests infesting pigeonpea crop and the management of some major pests.

Supervisor Names :

M.Sc. (Ag.) Prof. K.M. Srivastava, Department of Entomology, CSAUAT, Kanpur (Retired).

Ph.D. Prof. Paras Nath, Department of Entomology & Agril. Zoology, IAS, B.H.U., Varanasi and Dean, Fiji Islands.

Employment Record and Experience

Designation	Organization	Period
Scientist(Plant Protection)	JNKVV-Krishi Vigyan Kendra, CoA, Rewa	4 th Nov, 2016 to till date
Subject Matter Specialist (Plant Protection)	JNKVV-Krishi Vigyan Kendra, Rewa (MP)	1 st May, 2013 to 3 rd Nov, 2016
Subject Matter Specialist (Plant Protection)	JNKVV-Krishi Vigyan Kendra, Shahdol (MP)	1 st November, 2011 to 30 th April, 2013
Technical Officer (T-6)	Indian Institute of Vegetable Research, P.B. No. 01, P.O. Jakhini (Shahanshapur), Varanasi – 221 305 (U.P.)	4 th March, 2006 to 31 st Octo.,2011
Technical Officer (T-5)	Indian Institute of Vegetable Research, P.B. No. 01, P.O. Jakhini (Shahanshapur), Varanasi – 221 305 (U.P.)	4 th March, 2006 to 03 rd March,2011
Technical Assistant (T-4)	Indian Institute of Vegetable Research, P.B. No. 01, P.O. Jakhini (Shahanshapur), Varanasi – 221 305 (U.P.)	4 th March, 2001 to 3 rd March, 2006
Technical Assistant (T-3)	Indian Institute of Vegetable Research, P.B. No. 01, P.O. Jakhini (Shahanshapur), Varanasi - 221 305 (U.P.)	4 th March, 1996 to 3 rd March 2001
Research Associate (Plant Protection), Agro-Meteorology of Sugarcane Crop	Indian Institute of Sugarcane Research, Lucknow (U.P.)	7 th July 1993 to 19 th August 1993

Teaching:

S.No.	Year/Semester	Name of Course	UG/PG	Credit
1.	First year(2013-14 to continue I Semester	Principles of IPM	PG	2(1+1)
2.	First year 2013-14 to continue II Semester	Biological control of crop pests and weeds	PG	2(1+1)
3.	First year (2013-14) & 2014-15 & 2015-16/ II Semester	Biocontrol agencies and biopesticide	UG	11/2(1/2+1)

Research Guidance as Supervisor M.Sc. (Ag.) in Entomology (04)
Professional activities

- Inspection duty for insect pest management in Rewa Division.
- Inspection duty for drought in Rewa Raipur and Sirmour block in Kharif season-2015, Committee organized by DDA through Collector Rewa dated 18.09.15.
- Inspection duty for distribution of different seed and Agril. Impliments in Raipur block by FW&ADD, Committee organized by Collector Rewa dated 18.09.15.
- Inspection duty in Pigeonpea and chickpea crop for the non flowering and podding status in field of NSC farm, Kharwahi, Amarpatan, Satna, dated 27.03.15.
- Member of Margdarshak Mandal, Krishak Suraksha, Bhopal from Jan., 2015.
- Asstt. Warden U G Hostel, College of Agriculture, Rewa
- In charge dead store of Krishi Vigyan Kendra, Rewa.
- VTP Incharge of Seed Production Technology (AGR-131), Krishi Vigyan Kendra, Rewa, MP (2013-2014).
- Library In charge of Krishi Vigyan Kendra, Rewa.
- Perform Invigilation duty as external examiner of practical exam. (UG & PG), College of Agriculture, Rewa.
- Performed Invigilation duty of internal exams (UG & PG) , College of Agriculture, Rewa.
- Inspection duty in Soybean and Paddy crop for the pest and disease status in field of Sinduri chunia, Khitoli, Dadratola, Sinduri Bharri, Lamroo, etc dated 12.09.13 with collaborations of KVK, Shahdol and FW & ADD, Shahdol.
- Inspection duty in Soybean and Paddy crop for the pest and disease status infield of Amawa, Bahuri bandh, Bahuri bandh (Khairahi pokhari), Hardi kapsa(Block Sirmour), Mari, Atria etc. dated 05.09.13 with collaborations of FW&ADD, Rewa.
- Inspection duty of MS and PS of Sohagpur block Shahdol village Dhanpura dated

- 22-3-13 and Barratola, Bharratola and Baigontola Kalmaniya dated 23-3-2013 under the Sarwa Siksha Abhiyan Programme – 2013.
- VTP Incharge, Krishi Vigyan Kendra, Shahdol, MP from 15.01. 2013 to 30.04.13.
 - Member of Technical/Advisor of Editorial Board, Krishak Vandana, Jabalpur from Feb., 2012.
 - Inspection duty of MS and PS of Sohagpur block Shahdol village Karkati dated 16-2-12 and Harratola, Chatha and Semriha dated 17-2-2012 under the Sarwa Siksha Abhiyan Programme-2012.
 - Vermi-Compost Incharge, Krishi Vigyan Kendra, Shahdol, MP from 16.11. 2011 to 30.04.13.
 - Library Incharge, Krishi Vigyan Kendra, Shahdol, MP from 16.11. 2011 to 30.04.13.
 - Vehicle Incharge, Krishi Vigyan Kendra, Shahdol, MP from 16.11. 2011 to 30.04.13.
 - Security Officer, Indian Institute of Vegetable Research, Varanasi from 01.04. 2011 to 28.10. 2011.
 - Member of Security Cell, Indian Institute of Vegetable Research, Varanasi from 21.06.2010 to 31.03.2011.
 - Security Officer, Indian Institute of Vegetable Research, Varanasi from 07.09. 2006 to 20.06.2010.
 - Farm Incharge of Indian Institute of Vegetable Research, Varanasi May, 08-12, 2003.
 - Member of executive body (2003 - 2005), Indian Society of Agricultural Research, Karnal.
 - Biography published in *Pestology*, Vol. 22, No. 11, 1998, pp. 53.

Honorary Member of Journal/Magazines

- Honorary Board Member of SADHNA, Dr. YS Parmar Univ. of Hort. And Forestry, Naini, Solan (HP).
- Member of advisory board of Krishak Suraksha, Bhopal.
- Member of editorial board of Krishak Vandana (2012-18), Jabalpur.

Refereed

- Manuscript of Plant Protection Bulletin, DPPQS, Faridabad, Haryana-2017.
- Manuscript of Indian Journal of Agricultural Research, ARCCC, Karnal, Haryana-2017 to continue.
- Manuscript of National University Research Communication, Nagaland University, Nagaland-2012.
- Manuscript of Annals of Plant Protection Sciences, Nematology Division, IARI, Pusa, New Delhi.

- Manuscript of Bhartiya Krishi Anusandhan Patrika, Krishi Nagar, Gwalior, M.P.

Research publications

International

Published

1. **Kumar Akhilesh**, Sharma A., Vishwakarma N. and Singh M. 2018. Study of Cost Economics of Management of Chilli Mites through Abamectin 1.8 EC. *Int.J.Curr.Microbiol.App.Sci.* 7(09): 1659-1663.
2. Vishwakarma N., Sharma A., Singh D.K. and **Kumar Akhilesh**. (2018). Assessment of Role of Flaxseed Mouth Freshener for Nutritional and Economic Upliftment of Flaxseed Growers. *Int.J.Curr.Microbiol.App.Sci.* 7(11): 2276-2282.
3. Jaiswal S.K., Dhingra M.R., **Kumar Akhilesh**, Bagchi H. and Kaushik U.S. (2018). Incidence of Insect Pest in Brinjal under Agro-Climatic Condition of Rewa District, Madhya Pradesh, India. *Int.J.Curr.Microbiol.App.Sci.* 7(06): 1241-1249.
4. Vishwakarma N., Sharma A., Sharma P. and **Kumar Akhilesh** (2018). Ergonomic empowerment of farm women through management of vegetable nursery *Intl. J. Farm Sci.* 8(1): 97-99.
5. Sharma A., Vishwakarma N., **Kumar Akhilesh**, Singh M. and Tripathi P. N. (2018). Impact of nutritional kitchen garden trainings imparted by KVK, Shahdol, MP. *Intl. J. Farm Sci.* 8(1): 13-16.
6. Nath P., Panday A. K., **Kumar Akhilesh** and Palanivel H. (2017). Antixenosis studies in different genotypes of bitter gourd fruits against the infestation of melon fruit fly. *J Agril. Sci.* 9(2): 226-233.
7. Nath P., Panday A. K., **Kumar Akhilesh**, Rai A. B. and Palanivel H. (2017). Biochemical resistance traits of bitter gourd against fruit fly *Bactrocera cucurbitae* (Coquillett) infestation. *J Agril. Sci.* 9(2): 217-225.
8. Kumar A. and **Kumar Akhilesh** (2015). Effect of abiotic and biotic factors on incidence of pests and predator in cowpea [*Vigna unguiculata* (L.) walp.] *Legume Res.* 38(1): 121-125.
9. **Kumar Akhilesh** and Nath P. (2003). Effect of insecticides on loss in seed mass and yield of pigeonpea by pod borer. *Intl. Chickpea and Pigeonpea Newsl.* 10: 50-51.
10. **Kumar Akhilesh** and Nath, P. (2003). Natural enemies of pigeonpea insect pests at Varanasi, Uttar Pradesh, India. *Intl. Chickpea and Pigeonpea Newsl.* 10: 51-54.

National

Published

11. **Kumar Akhilesh**, Singh S., Tiwari B.K., Patel A.K. and Pandey A.K. 2019. Management of Girdle beetle in Soybean, *Glycine max* (L.) Merrill and Their Economics. *Multilogic in Sci.* 8(28): 57-58.
12. **Kumar Akhilesh** and Soni K. (2018). Population dynamics of *Helicoverpa armigera* and *Melanagromyza obtusa* on pigeonpea. *Indian J. Ento.* 84(4): 1642-1646.
13. Patidar G. and **Kumar Akhilesh** (2018). Efficacy of insecticides against *Bemisia tabaci* (Genn.) and *Spilosoma obliqua* (Wlk.) in Black gram. *Indian J. Ento.* 84(4): 1591-1595.
14. Soni K. **Kumar Akhilesh**, Dhingra M.R., Jaiswal S.K., Tiwari R.K. and Kaushik U.S. (2018). Qualitative composition of insect pest and their natural enemies associated with pigeon pea crop. *Ann. Agric. Res. New Series* 39(3): 301-303.
15. Rajawat I.S., Alam M.A., **Kumar Akhilesh**, Bagchi H. and Kaushik U.S. (2018). Qualitative composition of insect pests and natural enemies in Black gram (*Vigna mungo* L.). *Bioved* 29(1): 35-38.
16. Soni K., **Kumar Akhilesh**, Alam M.A., Rajawat I.S. and Bagchi H. (2018). Efficacy of newer insecticides against *Helicoverpa armigera* (Hub.) and *Melanagromyza obtusa* Malloch in pigeonpea. *Ann. Plant Protec. Sci.* 26(1): 61-64.
17. Jaiswal S.K., Dhingra M.R., Alam M.A., **Kumar Akhilesh** and Soni K. (2018). Seasonal abundance of insect pests on brinjal and its correlation with abiotic factors in Rewa district, MP. *Ann. Plant Protec. Sci.* 26(1): 52-56.
18. Dhaware S.R., Singh Y.K., Pande, A.K., **Kumar Akhilesh** and Singh A. (2017). Knowledge of system of rice intensification technology among farmers. *Bioved.* 28(2): 535-539.
19. **Kumar Akhilesh**, Pandey A.K. Singh R. and Baghel K.S. (2017). Assessment of Rynaxypyr 18.5 SC and economic analysis in the management of Okra shoot and fruit borer. *Bhartiya Krishi Anusandhan Patrika.* 32(3): 196-197.
20. **Kumar Akhilesh**, Patidar G., Rajawat I.S. and Pandey A.K. (2017). Population dynamics of White fly, *Bemisia tabaci* (Gennadius) and Bihar hairy caterpillar, *Spilosoma obliqua* (Walker) in Black gram. *Ann. Plant Protec.* 25(2): 308-310.
21. Tiwari B.K., Baghel K.S., Patel A.K., **Kumar Akhilesh**, Singh S. and Pandey A.K. (2017). Impact of system of rice intensification (SRI) through front line demonstrations. *J. Plant Develop. Sci.* 9(8): 843-845.
22. Rajawat I.S., Alam M.A., **Kumar Akhilesh** Tiwari R.K. and Jaiswal S.K. (2017). Efficacy of new molecules of insecticides against white fly *Bemisia tabaci* (Gennadius) and aphid *Aphis craccivora* (Koch) in Urdbean. *Indian J. Agric. Res.* 51(5): 502-505.
23. Rajawat I.S., Alam M.A., **Kumar Akhilesh** and Soni K. (2017). Population dynamics of White fly, *Bemisia tabaci* (Gennadius) and Aphid, *Aphis craccivora* (Koch) in Black gram. *Environ. & Ecol.* 35(4E): 3641-23644.
24. Singh R.S. Nath Paras and **Kumar Akhilesh** (2017). Effect of intercropping on population dynamics of pod borer complex of pigeonpea. *New Agricult.* 28(1): 235-238.

25. Sharma S.K., Peter S., Kumar A., Sharma A., **Kumar Akhilesh** and Rai V.P. (2017). Effect of sapota pulp and cocoa powder on rheological and sensory quality of the shrikhand. *Bioved* 28(1): 31-34.
26. Sharma S.K., Peter S., Kumar A., Sharma A., **Kumar Akhilesh** and Rai V.P. (2017). Effect of incorporation of sapota pulp and cocoa pulp on the physico-chemical and microbiological characteristics of the shrikhand. *Asian Dairy & Food Res.* 36(1): 33-35(Online Published).
27. Singh S.K., Gufran Usmani, Tiwari R.K., **Kumar Akhilesh** and Singh M. (2017). Assessment of yield gap in chick pea through integrated plant production and protection technology in rainfed rice fallow land areas. *Environ. & Ecol.* 35(2C): 1391-1394.
28. Singh S. P., Nath Paras, **Kumar Akhilesh**, Chakravorty S. and Singh R. S. (2016). Sustainable management of brinjal shoot and fruit borer (*Leucinodes orbonalis* Guen.). *Veg. Sci.* 43(1): 19-23.
29. Dhuware S.R., Singh Y.K., Pande, A.K., **Kumar Akhilesh** and Meshram V. (2016). Extent of adoption of 'System of Rice Intensification' technology by the farmers. *New Agricult.* 27(1): 71-76.
30. Singh S.K., Tiwari R.K., Kumar A., **Kumar Akhilesh** and Singh S.B. (2016). Crop diversification based on rice-wheat cropping system in kymore agro-climatic crop zone of Madhya Pradesh. *Environ. & Ecol.* 34(4D): 2462-2465(Online Published).
31. Loganathan M., Manjunath M., Saha S., **Kumar Akhilesh**, Rai A.B. and Singh B. (2016). Comparative efficacy of different fungicides in the control of chilli anthracnose. *Indian J. Plant Protec.* 43(2): 214-216.
32. Vishwakarma N., Sharma A., **Kumar Akhilesh** and Rai H. S. (2015). Hanging type double screen grain cleaner- A drudgery reduction boon of tribal farm women. *Bioved.* 26(1&2): 1-3.
33. Kumar Arvind, **Kumar Akhilesh**, Singh Shiv Mangal and Hira Lal (2014). Relative susceptibility of cowpea genotypes /variety to sucking pests and predator activity on aphid. *Indian J. Plant Protec.* 42(3): 283-285. .
34. Sharma A., Vishwakarma N., **Kumar Akhilesh**, Singh M. and Tripathi P. N. (2014). Ergonomic evaluation of farmwomen of Shahdol district (M.P.) while performing wheat harvesting activity. *Bioved.* 25(2): 173-177.
35. Gangwar D. S., Singh S., Katiyar R. R., **Kumar Akhilesh**, Singh Ram Subhag, Singh Mrigendra, Singh Srwendra and Rai V. P. (2014). Population dynamics and infestation of insect pests of sesamum and their correlation with environmental factors. *J. Exp. Zool. India.* 17(2): 797 -800.
36. Gangwar D. S., Singh S., Katiyar R. R., **Kumar Akhilesh**, Singh Ram Subhag, Singh Mrigendra, Singh Omkar and Rai V P.(2014). Field reaction of sesamum germplasm against leaf webber and pod borer, *Antigastra catalaunalis* (Dup.). *J. Exp. Zool. India.* 17(2): 837 -841.
37. Nath Paras, Kumar Ajit, **Kumar Akhilesh**, and Panday A. K. (2014). Screening of eco-friendly insecticides and their schedules for the management of fruit fly associated with the fruits of bitter gourd. *Prog.Hort.* 46(1): 116 -120.
38. Sharma S.R., Singh D. P. and **Kumar Akhilesh** (2014). Farming of Oyster

- Mushroom: Agri based small house hold income of marginal farmers. *Bioved.* 25(1): 1-4.
39. Singh Desh Pal, Dwivedi S. C., Patel A. K., Singh Ddhananjai and **Kumar Akhilesh** (2014). Absolute and relative change in area, production and productivity of different agro-climatic regions of gram (*Cicer arietinum*) crop in Madhya Pradesh. *Environ. & Ecol.* 32(1): 191-194.
 40. Singh R. S., Nath Paras and **Kumar Akhilesh** (2013). Eeffect of biorational approaches for the management of blue butterfly, *Lampides boeticus* (L.) in pigeonpea. *Agric. Sci. Digest.* 33(4): 299-303.
 41. Kumar Arvind, **Kumar Akhilesh**, S. Satpathy, Singh Shiv Mangal and Hira Lal (2013). Legume pod borer (*Maruca testulalis* Geyer) and their relative yield losses in cowpea cultivars. *Prog.Hort.* 45(1): 229 -232.
 42. Singh R. S., Nath Paras and **Kumar Akhilesh** (2013). Effect of sustainable pest management approaches on the population dynamics of spider fauna inhabiting pigeon pea agro-ecosystem. *Agric. Sci. Digest.* 33(1): 63-67.
 43. Singh R. S., Nath Paras and **Kumar Akhilesh** (2012). Influence of intercropping and bio-insecticides on pod and grain damage by pod borer insect pests of pigeon pea. *Bhartiya Krishi Anusandhan Patrika.* 27(4): 212-217.
 44. Panday A.K., **Kumar Akhilesh**, Nath Paras and Rai A. B. (2012). Ecofriendly Management of fruit fly infesting bitter. *J. Plant Protec. and Environ.* 09(2): 28-31.
 45. **Kumar Akhilesh** (2012). Preferences of thrips (*Megaleurothrips usitatus*) to different stage of flower in pigeonpea. *Insect Environ.* 18(1&2):04-05.
 46. Nath Paras, **Kumar Akhilesh** and Pandey A. K. (2012). Temporal population distribution of fruit fly, *Bactrocera cucurbitae* infesting bottle gourd and bitter gourd in Varanasi. *Ann. Entomol.* 30(1):73-79.
 47. Panday A.K., Nath Paras, **Kumar Akhilesh** and Rai A. B. (2012). Reactions of different bitter gourd genotypes against infestation of fruit fly (*Bactrocera cucurbitae* Coquillett.). *Prog.Hort.* 44(2): 304 -306.
 48. Singh R. S., Nath Paras and **Kumar Akhilesh** (2012). Influence of intercropping and ecofriendly biopesticides on population dynamics of in pigeon pea pod borer complex. *New Agril.* 23 (1):1-4.
 49. Saha S., Sharma B. K., **Kumar Akhilesh** and Rai A. B. (2012). On field efficacy of Fluopyram200-Tebuconazole200-400SC against powdery mildew of Chilli. *Ann. Pl. Protec. Sci.* 20(2): 511-513.
 50. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A.B. (2012). Effect of foliar spray of boron on biology, egg laying activity and control of brinjal shoot and fruit borer, *Leucinodes orbonalis* Guen. *Indian J. Hort.* 69(2): 295-298.
 51. Singh R. S., Nath Paras and **Kumar Akhilesh** (2012). Influence of intercropping on larval population and pod damage by pod fly and its parasitization by eulophid parasitoids (*Euderus lividus* Ashm.) in pigeon pea. *Bhartiya Krishi Anusandhan Patrika.* 27(1): 23-29.
 52. Singh R. S., Nath Paras and **Kumar Akhilesh** (2012). Sustainable approaches for management of *Exelastis atomosa* (Wlsm.) in pigeon pea. *Ann. Pl. Protec. Sci.*

- 20(1): 213-214.
53. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A.B. (2012). Effect of prey on predation, growth and biology of green lacewing (*Chrysoperla zastrowi sillemi*). *Indian J. Agril. Sci.* 82(1): 55-58.
 54. Singh R. S., Nath Paras and **Kumar Akhilesh** (2011). Influence of intercropping and biopesticides for the management of leaf webber (*Grapholita critica* Meyr.) in pigeon pea cv. Bahar. *J Plant Protec. and Environ.* 8 (2):13-17.
 55. Singh R. S., Nath Paras and **Kumar Akhilesh** (2011). Influence of Intercropping and bio-insecticides on the population of ecofriendly insects inhabiting pigeon pea. *Bhartiya Krishi Anusandhan Patrika.* 26(3&4): 88-91.
 56. Sharma B. K., Singh R. P., Saha S., **Kumar Akhilesh** and Rai A. B. (2011). Effect of temperature, pH and media on the growth and sporulation of *Fusarium oxysporum* f. sp. *lycopersici* causing wilt of tomato. *Prog.Hort.* 43(2): 186 -192.
 57. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. And Rai A.B. (2011). Pea leafminer, *Chromatomyia horticola* infestation in different pea cultivars. *Insect Environ.* 17(1):17-18.
 58. **Kumar Akhilesh**, Satpathy S., Rai A. B. and Kumar Sanjeet (2010). Field evaluation of promising onion varieties against onion thrips, *Thrips tabaci* Lindeman. *Ann. Entomol.* 28(2):81-82.
 59. Pandey A.K., Nath Paras, Rai A. B., **Kumar Akhilesh** and Gupta S. (2010). Influence of poison baits and weather factors on fruit fly (*Bactrocera cucurbitae* Coq.) catches in cucurbits. *Veg. Sci.* 37(1): 67-68.
 60. **Kumar Akhilesh**, Nath Paras, Ram Suresh and Keval Ram (2010). Effect of Weather factors on the population dynamics of some insect pests of pigeonpea. *Environ. & Ecol.* 28(4): 2318 -2320.
 61. Satpathy S. and **Kumar Akhilesh** (2010). Field efficacy of seed treating and foliar insecticides against insect pests of okra. *Environ. & Ecol.* 28(2B): 1295 -1297.
 62. Rai G.K. and **Kumar Akhilesh** (2010). Role of proteolytic enzyme inhibitors in plant defense against pathogenic microorganisms: A Review. *Environ. & Ecol.* 28(2): 1381-1387.
 63. Satpathy S., Shivalingaswamy T.M., **Kumar Akhilesh**, Rai A.B. and Rai M. (2010). Potentiality of Chinese cabbage as trap crop for diamondback moth, *Plutella xylostella* L. management in cabbage. *Indian J. Agril. Sci.* 80(3): 238-241.
 64. Satpathy S., Rai A.B., Singh M., **Kumar Akhilesh**, Sharma B.K. and Rai M. (2009). Susceptibility of two populations of *Leucinodes orbonalis* Guen. to *Cry1 Ac* toxin. *Veg. Sci.* 36(3 Suppl.): 349-352.
 65. Pandey A.K., Nath P., Rai A.B. and **Kumar Akhilesh** (2009). Screening of some bittergourd varieties/germplasms on the basis of some biological and biometrical parameters of melon fruitfly (*Bactrocera cucurbitae* Coquillett.). *Veg. Sci.* 36(3 Suppl.): 399-400.
 66. Satpathy S., Rai A.B., **Kumar Akhilesh**, Sharma B.K., Singh M. and Rai M. (2009). Microbial variability in rhizospheric soil of Bt and non-Bt eggplant (*Solanum melongena* L.). *Veg. Sci.* 36(2): 251-252.

67. Dutta D., Kumar A., Prasanna H.C., Saritha R.K., Kumar S., Singh M., **Kumar Akhilesh**, Rai A.B. and Rai M. (2009). Validation of CAPS marker associated with ToLCV resistance gene *Ty2* in parental lines of tomato. *Veg. Sci.* 36(2): 200-202.
68. Satpathy S, Shivalingaswamy T.M., **Kumar Akhilesh** and Rai A.B. (2009). Evaluation of crucifers for trap crop of diamondback moth, *Plutella xylostella*. *Insect Environ.* 15(1): 22-24.
69. Satpathy S., Shivalingaswamy T.M. and **Kumar Akhilesh** (2009). Bio-efficacy of methomyl for the control of brinjal shoot and fruit borer, *Leucinodes orbonalis*, Guenee (Pyralidae: Lepidoptera). *Pestology.* 33(5): 17-19.
70. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. And Rai A.B. (2008). Efficacy of emamectin benzoate in the management of vegetable pests. *Prog. Hort.* 40(2): 193-197.
71. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A.B. (2008). Screening of chilli germplasms against yellow mite and thrips on the basis of leaf symptoms. *Prog. Hort.* 40(2): 227-228.
72. Rai A.B., Gracy R.G., **Kumar Akhilesh**, Chaurasia S.N.S. and Rai M. (2008). Effect of *Apis mellifera* pollination on the yield attributing characters and yield of cucumber (*Cucumis sativus* L.). *Veg. Sci.* 35(2): 201-202.
73. Singh S. and **Kumar Akhilesh** (2008). Evaluation of certain insecticides against eggplant shoot and fruit borer. *Environ. & Ecol.* 26(4C): 291-295.
74. Shivalingaswamy T.M., Kumar Akhilesh, Satpathy S. and Bhardawaj D.R. (2008). Relative susceptibility of bottle gourd cultivars to red pumpkin beetle (*Aulacophora foveicollis* Lucas). *Veg. Sci.* 35(1): 97.
75. Nath Paras, Singh A.K., Bhushan S. and **Kumar Akhilesh** (2008). Study of the biology of melon fruit fly, *Bactrocera cucurbitae* Coquillett on bitter gourd crop. *Veg. Sci.* 35(1): 103-104.
76. Bhardawaj D.R. and **Kumar Akhilesh** (2008). Field screening of pointed gourd germplasms against root knot nematode. *Indian J. Ent.* 70(2): 176.
77. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. and Rai A.B. (2008). Efficacy of indoxacarb against tomato fruit borer, *Helicoverpa armigera* Hubner. *Pestology.* 32(8): 39-41.
78. **Kumar Akhilesh** (2007). Reaction of Indian bean germplasm to Black Aphid. *J. Aphidol.* 21(1&2): 103 -104.
79. Nath Paras, Bhushan S. and **Kumar Akhilesh** (2007). Efficacy of certain ecofriendly insecticides and bait spray against fruit fly [*Bactrocera cucurbitae* (Coquillett)] infesting fruits of bottle gourd. *Veg. Sci.* 34(2): 150-152.
80. Satpathy S., Shivalingaswamy T.M., Singh A.P., **Kumar Akhilesh** and Rai A.B. (2007). Insecticide sprays volume effects on shoot and fruit borer, *Earias vittella* F. damage and yield in okra. *Veg. Sci.* 34(1): 67-69.
81. Rai A.B., **Kumar Akhilesh**, Satpathy S., Shivalingaswamy T.M. and Rai M. (2007). Efficacy of indoxacarb 15 EC in the control of diamondback moth, *Plutella xylostella* L. in cabbage. *Veg. Sci.* 34(2): 160-162.
82. **Kumar Akhilesh** (2007). Natural enemies of pests and seasonal incidence of sac

- spider, *Clubiona* sp. in pigeonpea. *J. Maharashtra Agric. Univ.* 32(3): 356 -359.
83. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy, T.M. and Rai, M. (2007). Evaluation of new molecules for diamondback moth (*Plutella xylostella* L.) management in cabbage. *Indian J. Hort.* 64(2): 175-177.
 84. **Kumar Akhilesh** and Nath, Paras (2007). Diversity of natural enemies of insect pest in medium-late pigeonpea. *Environ. & Ecol.* 25(2): 394-398.
 85. **Kumar Akhilesh**, Satpathy S., Shivalingaswamy T.M. and Rai M. (2007). Field efficacy of Indoxacarb against diamondback moth, *Plutella xylostella* L. on cabbage. *Pestology.* 31(4): 41-43.
 86. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Rai A.B. and Rai M. (2006). Field efficacy of methomyl against thrips, *Scirtothrips dorsalis* (hood) in chilli. *Veg. Sci.* 33(2): 164-167.
 87. Singh S., **Kumar Akhilesh** and Awasthi B.K. (2006). Seasonal fluctuation and extent of losses of brinjal shoot and fruit borer. *Ann. Agric. Res.* 27(1): 49-52.
 88. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S., Rai A.B. and Rai M. (2006). Spinosad: a new molecule for management of diamondback moth (*Plutella xylostella* L.) in cauliflower. *Veg. Sci.* 33(1): 55-57.
 89. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A.B. (2006). Infestation of eggplant stem borer, *Euzophera perticella*, Ragonot at Varanasi. *Insect Environ.* 12(1): 35.
 90. **Kumar Akhilesh** and Nath Paras (2005). Insect pests of early pigeonpea in relation to weather parameters. *Ann. Pl. Protec. Sci.* 13(1): 23-26.
 91. **Kumar Akhilesh** and Satpathy S. (2005). Use of bioagents for tomato fruit borer management (Hindi). *Bhartiya Krishi Anusandhan Patrika.* 20(4): 241-244.
 92. **Kumar Akhilesh** and Nath Paras (2005). Field efficacy of insecticides against pod borer [*Helicoverpa armigera* (Hb.)] and podfly (*Melanagromyza obtusa* Malloch) infesting pigeonpea cultivar Bahar. *Pestology.* 29(10): 41-44.
 93. **Kumar Akhilesh** and Nath Paras (2005). Study of the effect of meteorological factors on the population of insect pests infesting UPAS 120 cultivar of pigeonpea. *J. Maharashtra Agric. Univ.* 30(2): 190-192.
 94. Singh S., **Kumar Akhilesh** and Pandey N.D. (2005). Relative toxicity of some commonly used insecticides against hadda beetle in brinjal. *Indian J. Ent.* 67(1): 21-23.
 95. Satpathy S., **Kumar Akhilesh**, Singh A.K. and Pandey P.K. (2005). Chlorfenapyr: A new molecule for diamondback moth (*Plutella xylostella* L.) management in cabbage. *Ann. Pl. Protec. Sci.* 13(1): 88-90.
 96. Satpathy S., Shivalingaswamy T.M., **Kumar Akhilesh**, Rai A.B. and Rai M. (2005). Biointensive management of eggplant shoot and fruit borer (*Leucinodes orbonalis* Guen.). *Veg. Sci.* 32(1): 103-104.
 97. Singh S., **Kumar Akhilesh** and Awasthi B.K. (2005). Study of sucking and leaf feeding insects in relation to weather parameters on the brinjal crops. *Veg. Sci.* 32(2): 210-212.

98. **Kumar Akhilesh** and Nath Paras (2004). Effect of weather parameters on population buildup of pigeonpea pod borers. *Indian J. Ent.* 66(4): 293-296.
99. **Kumar Akhilesh** and Nath Paras (2004). Effect of insecticides against pod borer and podfly and grain weight in pigeonpea. *Indian J. Ent.* 66(3): 228-230.
100. **Kumar Akhilesh** (2004). Flower and pod pest of pigeonpea. *Insect Environ.* 10(1): 12.
101. **Kumar Akhilesh** and Nath Paras (2003). Effect of insecticides on the extent of pod damage and seed damage by podfly (*Melanagromyza obtusa* Malloch) and pod borer (*Helicoverpa armigera* Hubner) in Bahar cultivar of pigeonpea. *Ann. Agric. Res.* 24(4): 934-942.
102. **Kumar Akhilesh** and Nath Paras (2003). Diversity of natural enemies of insect pests in UPAS-120 cultivar of pigeonpea at Varanasi. *Ann. Agric. Res.* 24(1): 154-155.
103. **Kumar Akhilesh** and Nath Paras (2003). Pest complex and their population dynamics on medium-late variety of pigeonpea Bahar at Varanasi. *Indian J. Pulses Res.* 16(2): 150-154.
104. **Kumar Akhilesh** and Nath Paras (2003). Pest complex and their population dynamics on an early variety of pigeonpea UPAS-120 at Varanasi. *Indian J. Ent.* 65(4): 453-460.
105. **Kumar Akhilesh** and Nath Paras (2003). Field efficacy of insecticides against pod bug [(*Clavigralla gibbosa* (Spinola))] and podfly (*Melanagromyza obtusa* Malloch) infesting pigeonpea. *Ann. Pl. Protec. Sci.* 11(1): 31-34.
106. Shivalingaswamy T.M., Satpathy S., Singh B. and **Kumar Akhilesh** (2002) Predator-prey interaction between jassid (*Amrasca biguttula biguttula*, Ishida) and a staphylinid in okra. *Veg. Sci.* 29(2): 167-169.
107. **Kumar Akhilesh** and Nath Paras (2002). Evaluation of insecticides and their schedules against infestation of pod bug, *Clavigralla gibbosa* (Spinola) and flower thrips, *Megalurothrips usitatus* (Bagnall) pigeonpea. *Pesticide Res. J.* 14(2): 258-262.
108. Satpathy S., **Kumar Akhilesh** and Ram D. (2002). Preference for bottle gourd flowers by red pumpkin beetle. *Insect Environ.* 8(3): 99-100.
109. **Kumar Akhilesh** and Nath Paras (2002). Life table of podfly (*Melanagromyza obtusa*) infesting pigeonpea (*Cajanus cajan*). *Indian J. agric. Sci.* 72(5): 281-284.
110. **Kumar Akhilesh** and Nath Paras (2002). Eulophid parasitoid [*Euderus lividus* (Ashm.)] of the pigeonpea podfly (*Melanagromyza obtusa* Malloch), in Varanasi, U.P. *Insect Environ.* 7(4): 164.
111. **Kumar Akhilesh** and Nath Paras (2002). Pod and seed damage caused by pod borers in pigeonpea at Varanasi. *Insect Environ.* 7(4): 160.
112. **Kumar Akhilesh**, Mathur Y.K., Rath S. and Singh O. (1997). Effect of coccinellid (*Coccinella septempunctata* L.) predation on the aphid (*Aphis craccivora* Koch.) population on Indian bean (*Dolichos lablab* Linn.). *Ann. Agric. Res.* 18(3): 318-320.
113. **Kumar Akhilesh**, Tripathi M.K. and Srivastava K.M. (1997). Population dynamics

of black aphid (*Aphis craccivora* Koch) in different genotypes of Indian bean (*Dolichos lablab*) in relation to weather parameters at Kanpur, U.P. *Environ.& Ecol.* 15(2): 318-321.

114. **Kumar Akhilesh**, Singh S.V., Rath S. and Singh P.N. (1996). Effect of environmental factors on *Coccinella septempunctata* predating *Aphis craccivora*. *Indian J. Ent.* 58(4): 314-317.

Communicated

115. Mohd Mehdi, Rai H. K., Faizan Ahmad, **Kumar Akhilesh** and Kumar Sanjay (2015). Low tunnel technology a valuable vegetable forcing structure for boosting economy of farmers in Ladakh. *Vegetable Science* (Accepted).
116. Nath Paras, Kumar Ajit, and **Kumar Akhilesh** (2016). Life table of fruit fly (*Bactrocera cucurbitae* Coq.) infesting bittergourd (*Momordica charantia* L.). *Journal of Agriculture Science, Canada*.
117. Nath Paras, Kumar Ajit, **Kumar Akhilesh** and Panday A. K. (2017). Study of the qualitative composition of fruit fly infesting cucurbit crops at farmers' fields. *New Agril.*
118. Pandey A. K., Kumar Akhilesh, Pandey N. and Singh R. (2016). Studies on performance of Kharif Onion in Vindhya Region of M.P.

Project Handle

-Project on maximization of Soybean production in Madhya Pradesh, KVK, Rewa (JNKVV, Jabalpur) (2014-2015 2015-2016 & 2016-2017) sponsored by JICA, Japan through DRS, JNKVV, Jabalpur.

-TSP on Agroforestry, KVK, Shahdol (JNKVV, Jabalpur) (2011-2012 & 2012-2013) sponsored by NRC, Jhansi through Forestry Department of JNKVV, Jabalpur.

Projects (Paid up trials)

1. Phytotoxicity study of new fungicides in cucumber (2010-2011).
2. Evaluation of MAIRM-01 SC against *Helicoverpa armigera* in tomato (2009-2010 & 2010-2011).
3. To evaluate bioefficacy of BYI 02960 SL 200 against sucking pests of okra (2009-2010 & 2010-2011).
4. Evaluation of TERI-DBT-Bollcure botanical biopesticide against key pest complex of tomato (2009-2010 & 2010-2011).
5. Bioefficacy of Myco-Jaal 10% SC (oil based formulation of *Beauveria bassiana*) against *Plutella xylostella* on cabbage. (2007-2008 & 2008-2009).
6. Bioefficacy of Indoxacarb (KN 128 15 SC) against diamondback moth of cabbage (2005-2006).

7. Bioefficacy of emamectin benzoate for the management of chilli mite, brinjal shoot and fruit borer, DBM and okra shoot and fruit borer (2003).
8. Bioefficacy of methomyl 40 SP against insect pest of chillies (2002 & 2003).
9. Bioefficacy of indoxacarb Indoxacarb 15 EC against fruit borer of tomato (2002 & 2003).
10. Bioefficacy of Indoxacarb 15 EC against diamondback moth of cabbage (2001&2002).
11. Bioefficacy of chlorfenapyr 10% SC against DBM of cabbage (2001&2002).
12. Chemical control of powdery mildew in pea (2001&2002).
13. Bioefficacy of spinosad 2.5 SC against DBM infesting cauliflower (2001&2002).
14. Bioefficacy of spinosad 2.5 SC against DBM infesting cabbage (2001&2002).

Abstracts/Papers in Symposium

1. **Kumar Akhilesh**, Pandey A K, Singh R. and Patel A K (2019). On-farm management of yellow mosaic virus in soybean and their economics. 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 46.
2. Singh T K, Bose U S, **Kumar Akhilesh** and Singh D (2019). Study of post harvest treatment on shelf-life and quality of mango (*Mangifera indica* L.) c.v. Langra. 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 18.
3. Patel A, **Kumar Akhilesh**, Singh T K, Tiwari R K, Alam M A and Tripathi S K (2019). Efficacy of new molecules of insecticides against Girdle Beetle, *Obereopsis brevis* Swed. and White fly, *Bemisia tabaci* Genn. in Soybean. 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 21-22.
4. Patel A, **Kumar Akhilesh**, Singh T K, Baghel K S., Singh S and Mishra M K (2019). Study the qualitative composition of insect pests of Soybean with their natural enemies. 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 22..
5. Patel M, **Kumar Akhilesh**, Barfa A, and Tripathi V (2019). Innovative approaches in pest control. 21st Indian Agricultural Scientist and Farmers

- Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 33.
6. **Kumar Akhilesh**, Pandey A K, Singh R. and Patel A K (2019). On-farm management of yellow mosaic virus in soybean and their economics. 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, February 16-17, 2019 at BRIAT, Allahabad. pp. 46.
 7. Singh S, Tiwari B K, **Kumar Akhilesh**, Tiwari R K, Kumar A, Patel A K and Baghel K S (2019). Biochar. Agrivision-19 held on “Integrated agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp. 116-121. (Lead Paper).
 8. **Kumar Akhilesh**, Alam M A., Pandey A K and Tiwari R K (2019). Beekeeping and their economic importance. Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp. 135.
 9. **Kumar Akhilesh**, Pandey A K, Singh S, Tiwari B K and Kumar B (2019). Assessment of IPM modules against chickpea pod borer (*Helicoverpa armigera* Hub.). Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp. 137-138.
 10. **Kumar Akhilesh**, Patel A, Tiwari R K, Alam M A, Tripathi S K and Dhingra M R (2019). Population dynamics of Girdle Beetle, *Obereopsis brevis* Swed. and White fly, *Bemisia tabaci* Genn. in Soybean. Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp.138 (Awarded).
 11. Singh T K, Bose U S, **Kumar Akhilesh** and Singh D (2019). Effect of integrated plant nutrient management for growth, yield traits in guava cv. Allahabad Safeda in Vindhya region of MP. Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp.143.
 12. Patel K, Alam M A, Kumar Akhilesh and Jaiswal S K (2019). Evaluation of urdbean cultivars for resistance or tolerance against White fly (*Bemisia tabaci* Gennadius) and Bihar hairy caterpillar (*Spilosoma oblique* Walk.). Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp.175-176.
 13. Patel M, Alam M A, **Kumar Akhilesh**, Dhingra M R, and Tiwari R K (2019). Scenario of white fly infestation on Moong bean under climatic change condition of Kymore Plateau, Satpura hill region. Agrivision-19 held on “Integrated Agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp. 244.
 14. **Kumar Akhilesh**, Singh M, Sharma A, Singh S and Singh N (2018). Impact of

- climate change on pest population and its effect on staple crops. AABHA held on “International Seminar on GPA Education and Research”, December 22-24, 2018 at IAS, BHU, Varanasi, India. Pp. 146.
15. Kumar B, **Kumar Akhilesh**, Singh S, Phare P and Jain S (2018). Impact of climate change in agriculture. ISWS & ICAR-DWR held on International Conference on “Weeds and society: Challenges and opportunities” November 21-24, 2018 at ICAR-DWR, Jabalpur, MP, Pp. 151.
 16. Tiwari B K, Baghel K S, Patel A K , Pandey A K, **Kumar Akhilesh**, and Singh S (2018). Assessment of integrated weed management in direct-seeded rice under rainfed conditions. ISWS & ICAR-DWR held on International Conference on “Weeds and society: Challenges and opportunities” November 21-24, 2018 at ICAR-DWR, Jabalpur, MP, Pp. 256.
 17. **Kumar Akhilesh**, Pandey A K, Tiwari R K, Jaiswal S K and Tripathi S K (2018). Role of viruses in IPM and their future prospects. Agrivision-18 held on “Resource conservation for sustainable agriculture and food security”, March 24-25, 2018 at NASC, ICAR, New Delhi. Pp. 46-47.
 18. **Kumar Akhilesh**, Soni K, Baghel K S, Tiwari B K and Singh R (2018). White grubs and their management. Agrivision-18 held on “Resource conservation for sustainable agriculture and food security”, March 24-25, 2018 at NASC, ICAR, New Delhi. Pp. 45-46.
 19. Jaiswal S K, Dhingra M R, Alam M A, **Kumar Akhilesh**, and Soni K (2018). Incidence of insect pests in brinjal under agro-climate condition of Rewa district, MP. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 35-36.
 20. Nath P, Kumar A, **Kumar Akhilesh** and Panday A K (2018). Study of the qualitative composition of fruit fly infesting cucurbits crops. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 33-34.
 21. Soni K, **Kumar Akhilesh**, Dhingra M R, Tiwari R K, Jaiswal S K and Kaushik U (2018). Qualitative composition of insect pests of pigeonpea and their natural enemies’ relationship. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 31.
 22. Rajawat I S, Alam M A, **Kumar Akhilesh**, Bagchi H. and Kaushik U. (2018). Qualitative composition of insect pests and their natural enemies in black gram. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 29.
 23. Patidar G., **Kumar Akhilesh**, Alam M A, Tiwari R K and Tripathi S K. (2018). Qualitative composition of insect pests of black gram with their natural enemies. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-

- 18, 2018 at BRIAT, Allahabad. pp. 28.
24. **Kumar Akhilesh**, Pandey A K and Tiwari R K. (2018). Eco-friendly methods of pest management for quality production of vegetable crops. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 24.
 25. **Kumar Akhilesh** and Soni K. (2018). Eco-friendly pest management in pigeonpea. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 23-24.
 26. Krishana, Alam M A, **Kumar Akhilesh** and Bagchi H. (2018). IPM is a holistic approach to increase the income of farmers. 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, February 17-18, 2018 at BRIAT, Allahabad. pp. 19-20.
 27. Jaiswal S.K., Dhingra M.R., Alam M A, **Kumar Akhilesh**, and Soni K.(2018). Incidence of insect pests on brinjal in Rewa district, MP and management of shoot and fruit borer with eco-friendly insecticides. National seminar on “sustainable rice production technology for increasing the farmers income(NSRT-2018)”, January 20-21, 2018 at IGKV, Raipur (CG) Pp. 88.
 28. Solanki J S, Dhingra M.R., **Kumar Akhilesh** and Jaiswal S K (2018). Population dynamics of rice stem borer (*Scirpophaga incertulas* Wlk.) in agro ecosystem of Rewa district. National seminar on “sustainable rice production technology for increasing the farmers income (NSRT-2018)”, January 20-21, 2018 at IGKV, Raipur (CG) Pp. 57.
 29. **Kumar Akhilesh** and Pandey A K (2017). On-Farm management of leaf curl disease in chilli and their economics. National Conference on “Food and nutritional security through Vegetable crops in relation to Climate change (NCVEG-17)”, December 09-11, 2017 at IIVR, Varanasi, UP. Pp. 263-264.
 30. Patidar G., **Kumar Akhilesh**, Alam M A and Tiwari R K (2017). Studies on population dynamics of pest complex of Black gram [*Vigna mungo* (L.) Hepper] and natural enemies in Rewa District. Agrivision-17 held on “Agriculture for prosperity and sustainable development”, March 25-26, 2017 at NASC, ICAR, New Delhi. Pp. 70.
 31. **Kumar Akhilesh** and Pandey A K (2017). Management of girdle beetle in soybean. 19th Indian Agricultural Scientist and Farmers Congress held on “Prospect of green economy and value addition technology”, February 18-19, 2017 at BRIAT, Allahabad. pp. 66.
 32. Soni K., Bagchi H., **Kumar Akhilesh**, Alam M A and Tiwari R K (2017). Management of white grubs. 19th Indian Agricultural Scientist and Farmers Congress held on “Prospect of green economy and value addition technology”, February 18-19, 2017 at BRIAT, Allahabad. pp. 66-67.
 33. **Kumar Akhilesh** and Pandey A K (2017). Management of leaf curl disease in Tomato. National symposium on “Eco-friendly approaches for plant disease management: Recent trends and opportunities”, December 29-30, 2017 at ICAR-IIPR, Kanpur. pp. 137.

34. **Kumar Akhilesh** and Patidar G. (2016). Efficacy of eco-friendly insecticides against Bihar hairy caterpillar, *Spilosoma obliqua* Walk. In black gram, *Vigna mungo* L. National symposium on “New horizons in pest management for sustainable development goals”, December 23-24, 2016 at OUAT, Bhubaneswar. pp. 80-81.
35. **Kumar Akhilesh** (2016). Ecologically based pest management for quality vegetable production. 18th Indian Agricultural Scientist and Farmers Congress held on “Prospect of skill development in agriculture and rural development-A step towards make in India”, February 20-21, 2016 at BRIAT, Allahabad. pp. 25 (Invited Lecture).
36. **Kumar Akhilesh**, Sharma A., and Singh M. (2016). Management of mites in chilly. Conference on National Priorities in Plant Health Management held on February 04-05, 2016 at Tirupati (PPAI, NBPGR, Hyderabad) (AP) pp. 177-178 (Extended Summary).
37. **Kumar Akhilesh** and Pandey A K (2015). Sabjiyo mein samanwit keet prabandhan mein neem ka mahattaw held on “Arogaya daik aushdhiya paudhey”, October 25, 2015 at CoA, Rewa. pp. 39.
38. **Kumar Akhilesh** and Pandey A K (2015). Shoot and fruit Borer management in okra crop. 17th Indian Agricultural Scientist and Farmers Congress held on “Agri-Innovation for Enhancing Production & Rural Employment”, February 21-22, 2015 at BRIAT, Allahabad. pp. 53.
39. Pandey A. K., **Kumar Akhilesh**, Pandey N. and Singh R. (2015). Management of natural resources and enhancing productivity of kharif onion under rainfed condition. 17th Indian Agricultural Scientist and Farmers Congress held on “Agri-Innovation for Enhancing Production & Rural Employment”, February 21-22, 2015 at BRIAT, Allahabad. pp. 48.
40. Satpathy S. and **Kumar Akhilesh** (2014). Importance of NPV in insect pest management. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa. pp. 79-80.
41. **Kumar Akhilesh** and Pandey A. K. (2014). Insect-pests management of vegetable crops. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa. pp. 80-81.
42. Mehdi M., Rai H. K., Ahmad F., **Kumar Akhilesh** and Kumar S. (2014). Low tunnel technology a valuable vegetable forcing structure for boosting economy of farmers in ladakh. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa. pp. 82.
43. Kumar A., **Kumar Akhilesh**, Singh S. M. and Lal Heera (2014). Role of biotic and abiotic factors on abundance of predator in cowpea. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa. pp. 83.
44. Kumar A., **Kumar Akhilesh**, and Singh S. M. (2014). Pest abundance and diversity in cowpea [*Vigna unguiculata* (L.) Walp.]. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa.

- pp. 84.
45. Singh S. P., Nath P. , **Kumar Akhilesh**, Chakravorty S., Singh R. S. (2014). Shoot and fruit borer (*Leucinodes orbonalis* Guen.) management of brinjal crop. National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change held on September 21-22, 2014 at JNKVV College of Agriculture, Rewa. pp. 85.
 46. **Kumar Akhilesh**, Baghel K. S., A. K. Pandey and Alam M. A. (2014). Integrated pest management in vegetable crops. Interface on Management of Economically Important Insect in India held on 16th August, 2014 at JNKVV, Jabalpur pp. 69-70.
 47. **Kumar Akhilesh**, Pandey A. K. and Pandey S. K. (2014). Integrated pest management in vegetable crops. Interface on Management of Economically Important Insect in India held on 16th August, 2014 at JNKVV, Jabalpur pp. 49-50.
 48. **Kumar Akhilesh**, Singh T. K., Tiwari R. K., Tripathi S. K., Bose U. S. and Kumar P. (2014). Biological control of insect pests of vegetable crops. 9th National Conference on Current Trends and Future Challenges held on April 26-27, 2014 at Govt. New Science College, Rewa. pp. 72-73.
 49. **Kumar Akhilesh**, A. K. Pandey, Alam M. A. and Pandey S. K. (2014). Biotechnological approaches for insect-pest management. 9th National Conference on Current Trends and Future Challenges held on April 26-27, 2014 at Govt. New Science College, Rewa. pp. 70.
 50. **Kumar Akhilesh**, Nath P., Satpathy S., Rai A.B. and Shivalingaswamy T.M. (2014). Integrated approaches for vegetable crop pests management. 9th National Conference on Current Trends and Future Challenges held on April 26-27, 2014 at Govt. New Science College, Rewa. pp. 66-67.
 51. **Kumar Akhilesh** and A. K. Pandey (2014). Importance of insect pollination in vegetable crops. 9th National Conference on Current Trends and Future Challenges held on April 26-27, 2014 at Govt. New Science College, Rewa. pp. 62-63.
 52. **Kumar Akhilesh**, Singh M., Sharma A. and A. K. Pandey (2014). Assessment of Imidacloprid against mustard aphid, *Lipaphis erysimi* (Kalt.). 16th Indian Agricultural Scientist and Farmers Congress held on February 22-23, 2014 at Integral University, Lucknow. pp. 43.
 53. Sharma A., Singh M., **Kumar Akhilesh**, Tripathi P. N. and Vishwakarma N. (2014). Nutritional kitchen garden: A household source of nutrition. 16th Indian Agricultural Scientist and Farmers Congress held on February 22-23, 2014 at Integral University, Lucknow. pp. 50.
 54. Sharma A., Singh M., **Kumar Akhilesh**, Tripathi P. N. and Vishwakarma N. (2014). Drudgery Reduction and efficiency enhancement of Farm Women by Hanging type Double Screen Grain cleaner during grain cleaning in Shahdol District (M. P.). 16th Indian Agricultural Scientist and Farmers Congress held on February 22-23, 2014 at Integral University, Lucknow. pp. 50-51.
 55. **Kumar Akhilesh**, Singh M., Sharma A., Negi R. and Baghel K. S. (2014). Assessment of Bt against Diamondback moth (DBM), *Plutella xylostella* L. 16th

- Indian Agricultural Scientist and Farmers Congress held on February 22-23, 2014 at Integral University, Lucknow. pp. 68-69.
56. **Kumar Akhilesh**, Singh M., Sharma Alpana and Satpathy S. (2013). Anterashtriya Sammelan on Vishaw ki Pragti mein Vigyan avam Padyogiki ka Yogdan held on **December 05-07, 2013** at DRDO, Metcalfe House, and Delhi, India. pp. 146-147.
 57. **Kumar Akhilesh**, Sharma Alpana and Singh M. (2013). Assessment of imidacloprid 17.8% SL against tomato leaf curl virus. 10th National Symposium on Biotechnological Approaches for Plant Protection: Constraints & Opportunities held on January 27-29, 2013 at ICAR Research Complex for Goa, Goa. pp. 82.
 58. Nath P., Kumar A., **Kumar Akhilesh** and Panday A. K. (2013). Study of the qualitative composition of fruit fly infesting cucurbit crops at farmers' fields. 10th National Symposium on Biotechnological Approaches for Plant Protection: Constraints & Opportunities held on January 27-29, 2013 at ICAR Research Complex for Goa, Goa. pp. 70-71.
 59. Singh S. P., Nath Paras, **Kumar Akhilesh**, Singh R. S. and Singh M. (2013). Effect of date of transplanting on the infestation of brinjal shoot and fruit borer (*Leucinodes orbonalis* Guen.). 10th National Symposium on Biotechnological Approaches for Plant Protection: Constraints & Opportunities held on **January 27-29, 2013** at ICAR Research Complex for Goa, Goa. pp. 69-70.
 60. Kumar Arvind, **Kumar Akhilesh**, Singh Shiv Mangal and Singh M. (2013). Pest abundance and diversity in cowpea [*Vigna unguiculata* (L.) Walp.]. 10th National Symposium on Biotechnological Approaches for Plant Protection: Constraints & Opportunities held on **January 27-29, 2013** at ICAR Research Complex for Goa, Goa. pp. 68-69.
 61. Gangwar D. S., Katiyar R. R., Singh R. S. and **Kumar Akhilesh** (2013). Bio-efficacy of some chemical and biological insecticides on infestation of *Antigastra catalaunalis* (Dup.). 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 25.
 62. Gangwar D. S., Katiyar R. R., **Kumar Akhilesh**, Singh R. S., Singh M. and Singh O. (2013). Field reaction of sesamum germplasm against leaf webber and pod borer *Antigastra catalaunalis* (Dup.). 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 24.
 63. Gangwar D. S., Katiyar R. R., **Kumar Akhilesh**, Singh R. S. Singh M. and Singh S. (2013). Population dynamics and infestation of insect pests of sesamum and their correlation with environmental factors. 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 24.
 64. Gangwar D. S., Katiyar R. R., **Kumar Akhilesh**, and Singh R. S. (2013). Screening of sesamum germplasm against Bihar hairy caterpillar (*Spilarctia obliqua* Walk.). 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 20.
 65. Sharma Alpana, **Kumar Akhilesh**, Singh M. and Vishwakarma N. (2013). Assessment of skill enhancement during vocational training of farm women and rural girl youths in Shahdol district of 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 20-

- 21.
66. **Kumar Akhilesh**, Singh M. and Sharma Alpana (2013). Assessment of Propiconazole 25 EC against Fusarium wilt in Brinjal. 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 19.
 67. **Kumar Akhilesh**, Singh M. and Sharma Alpana (2013). Assessment of Indoxacarb against chickpea pod borer (*Helicoverpa armigera* Hub.). 15th Indian Agricultural Scientist and Farmers Congress held on February 22-24, 2013 at BRIAT, Allahabad. pp. 19-20.
 68. Kumar A., Nath Paras, **Kumar Akhilesh** and Panday A. K. (2013). Screening of eco-friendly insecticides and their schedules for the management of fruit fly associated with the fruits of bitter gourd. National Symposium on Eco-friendly Approaches to Pest Management for Sustainable Agriculture held in November, 2013 at Deptt. Of Entomology, OUAT, Bhubnashawar, Odisha. pp. 153-154.
 69. Sharma A., Vishwakarma N., **Kumar Akhilesh**, and Singh M. (2012). Paddy Drum Seeder- A way of drudgery reduction of Farm Women of Shahdol district (M.P.). National seminar on Modernization and Monitoring of Irrigated Commons organized by MPWSRP, held on **November 21-22, 2012** at JNKVV, Jabalpur. pp. 159-160.
 70. Sharma A., Vishwakarma N., **Kumar Akhilesh**, and Singh M. (2012). Comparative ergonomics evaluation of cono weeder and hand weeding for paddy weeding by Farm Women of Shahdol District (M. P.). National seminar on Modernization and Monitoring of Irrigated Commons organized by MPWSRP, held on **November 21-22, 2012** at JNKVV, Jabalpur. pp. 158-159.
 71. **Kumar Akhilesh**, Satpathy S., Sharma Alpana and Singh M. (2012). Eco-friendly management of vegetable pests. 14th Indian Agricultural Scientist and Farmers Congress held on **February 19-20, 2012** at BRIAT, Allahabad. pp. 48.
 72. Kumar Arvind, **Kumar Akhilesh**, Satpathy S., Singh Shiv Mangal and Lal Hira (2012). Legume pod borer (*Maruca testulalis* Geyer) and their relative yield losses in cowpea cultivars. 14th Indian Agricultural Scientist and Farmers Congress held on **February 19-20** 2012, at BRIAT, Allahabad. pp. 42.
 73. Kumar Arvind, **Kumar Akhilesh**, Singh Shiv Mangal and Hira Lal (2012). Relative Susceptibility of cowpea genotypes to sucking pests and predator activity on aphid. 14th Indian Agricultural Scientist and Farmers Congress held on **February 19-20, 2012**, at BRIAT, Allahabad. pp. 29.
 74. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A. B. (2011). Field evaluation of boron foliar spray for control of brinjal shoot and fruit borer. 3rd Congress on Insect Science, Pest Management for Food Security and Environment Health held on **April 18-20, 2011** at PAU, Ludhiana, pp. 107.
 75. Pandey A.K., Nath Paras, **Kumar Akhilesh** and Rai A. B. (2011). Study on morphological-chemical traits of bitter gourd on larval density and resistance to melon fruit fly *Bactrocera cucurbitae* (Coquillett). National Symposium on Integrated Farming Systems for Sustainable Agriculture Challenges and Opportunities, held on **February 19-21, 2011** at Bhundelkhand University, Jhansi (U.P.), pp. 133.
 76. **Kumar Akhilesh** and Rai A.B. (2011). NPV production, formulation and quality control. National Symposium on Integrated Farming Systems for Sustainable

- Agriculture Challenges and Opportunities held on **February 19-21, 2011** at Bhundelkhand University, Jhansi (U.P.), pp. 132.
77. Panday A.K., Nath Paras, **Kumar Akhilesh** and Rai A. B. (2011). Effect of eco-friendly insecticides, poison baits on the reduction of fruit weight loss in bitter gourd fruit due to infestation of fruit fly. 13th Indian Agricultural Scientist and Farmers Congress on “Sustainable Developmental Strategies for Food Security, Bio-diversity and Livelihood Security” held on **February 19-20, 2011**, at BRIAT, Allahabad, pp.11-12.
 78. Singh S. and **Kumar Akhilesh** (2011). Effect of different insecticides on insect pests of brinjal. 13th Indian Agricultural Scientist and Farmers Congress on “Sustainable Developmental Strategies for Food Security, Bio-diversity and Livelihood Security” held on **February 19-20, 2011**, at BRIAT, Allahabad, pp.8.
 79. **Kumar Akhilesh** and Rai A.B. (2011). Integrated pest management of vegetable crops. 13th Indian Agricultural Scientist and Farmers Congress on “Sustainable Developmental Strategies for Food Security, Bio-diversity and Livelihood Security” held on **February 19-20, 2011**, at BRIAT, Allahabad, pp.7-8.
 80. Kumar A., Nath Paras and **Kumar Akhilesh** (2011). Study of life table of fruit fly (*Bactrocera cucurbitae* Coq.) infesting bittergourd (*Momordica charantia* L.). 9th National Symposium on Crop Health Management for Sustainable Agricultural Cropping System held on **February 17-19, 2011** at CARI Port Blair, pp. 76-77.
 81. Panday A.K., Nath Paras, Rai A. B. and **Kumar Akhilesh** (2011). Screening of bitter gourd germplasms/genotypes against the infestation of fruit fly (*Bactrocera cucurbitae* Coq.). X Agricultural Science Congress on Soil, plant and animal health for enhanced and sustainable agricultural productivity, held on **February 10-12, 2011** at NBFGR, Lucknow, pp. 225.
 82. Singh R. S., Nath Paras and **Kumar Akhilesh** (2011). Effect of intercropping and biopesticides on the ecofriendly fauna inhabiting pigeonpea agroecosystem. International Conference on Managing Sustainable Development of Rural Economy and Agri Business-2011, held on **January 21-23, 2011** at BHU, Varanasi, pp. 87-88.
 83. Satpathy S., Rai A. B., Kodandaram M. H., **Kumar Akhilesh**, Shivalingaswamy T.M. and Halder J. (2011). Microbial control of diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae) by oil based formulation of *Beauveria bassiana* on cabbage. International Conference on Managing Sustainable Development of Rural Economy and Agri Business-2011 held on **January 21-23, 2011** at BHU, Varanasi, pp. 79.
 84. Singh R. S., Nath Paras and **Kumar Akhilesh** (2011). Management of pigeonpea pod borers through sustainable agriculture. International Conference on Managing Sustainable Development of Rural Economy and Agri Business - 2011, held on **January 21-23, 2011** at BHU, Varanasi, pp. 75-76.
 85. Singh R. S., Nath Paras and **Kumar Akhilesh** (2010). Influence of sustainable pest management approaches on the population of blue butterfly, *Lampides boeticus* (L.) in pigeonpea. National Symposium on Emerging Trends in Pest Management Strategies under Changing Climatic Scenario-2010, held on **December 20-21, 2010** at OUAT, Bhubaneswar, Orissa, pp.75.
 86. Singh R. S., Nath Paras and **Kumar Akhilesh** (2010). Effect of biorational insect pest management approaches on the population of spider fauna inhabiting

- pigeonpea agroecosystem. National Symposium on Emerging Trends in Pest Management Strategies under Changing Climatic Scenario-2010, held on **December 20-21, 2010** at OUAT, Bhubaneswar, Orissa, pp.75.
87. Bhardwaj, D.R., Singh B., Lal Hira and **Kumar Akhilesh** (2010). Conserve genetic diversity of spices for posterity. National Symposium on Conservation Horticulture - 2010, held on **March 21-23, 2010** at Deharadun, pp. 62.
 88. Sharma B.K. Loganathan M., **Kumar Akhilesh** and Rai A.B. (2010). Integrated management of *Fusarium* wilts of tomato caused by *Fusarium oxysporum* f.sp. *lycopersici*. National Symposium on Conservation Horticulture - 2010, held on **March 21-23, 2010** at Deharadun, pp. 235.
 89. Satpathy S., Shivalingaswamy T.M., **Kumar Akhilesh** and Rai A.B. (2010). Effect of biopesticides in the management of jassids in okra. National Symposium on Conservation Horticulture - 2010, held on **March 21-23, 2010** at Deharadun, pp. 247.
 90. Pandey A.K., Nath Paras, Rai A.B. and **Kumar Akhilesh** (2010). Field efficiency of different poison baits in catchability of cucurbits fruit fly (*Bactrocera cucurbitae*) in relation to weather parameters. National Symposium on Conservation Horticulture - 2010, held on **March 21-23, 2010** at Deharadun, pp. 253.
 91. Satpathy S., Rai A.B., Shivalingaswamy T.M., Kodandram M.H. and **Kumar Akhilesh** (2010). Effect of novel biorational molecules - polymer combination as seed treatments on jassid population and seed vigour in okra. National Conference on Production of quality seeds planting material, health management in horticultural crops", held on **March 11-14, 2010** at New Delhi, pp. 84.
 92. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. and Rai A.B. (2010). Pattern of infestation of pea leafminer, *Chromatomyia horticola* in different pea cultivars. 8th National Symposium on Problems and Perspectives in Eco-friendly Innovatives to Plants Protection held on **January 24-25, 2010** at CSAUAT, Kanpur, pp. 56.
 93. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. and Rai A.B. (2010). Efficacy of emamectin benzoate for the management of vegetable pests. 8th National Symposium on Problems and Perspectives in Eco-friendly Innovatives to Plants Protection held on **January 24-25, 2010** at CSAUAT, Kanpur, pp. 56.
 94. Singh Satyandra, Rai A.B., **Kumar Akhilesh** and Rai M. (2010). Role of plant biotechnology in management of phytoparasitic nematodes. 8th National Symposium on Problems and Perspectives in Eco-friendly Innovatives to Plants Protection held on **January 24-25, 2010** at CSAUAT, Kanpur, pp. 5.
 95. **Kumar Akhilesh** and Nath Paras (2010). Influence of weather factors on the dynamics population of insect pests infesting pigeonpea. 8th National Symposium on Problems and Perspectives in Eco-friendly Innovatives to Plants Protection, held on **January 24-25, 2010** at CSAUAT, Kanpur, pp. 60.
 96. Satpathy S., Rai A.B., **Kumar Akhilesh**, Sharma B.K., Singh M. and Rai M. (2009). Microbial variability in rhizospheric soil of *Bt* and non-*Bt* brinjal. International Conference on Emerging Trends in Biotechnology held on **December 4-6, 2009** at BHU, Varanasi, pp. 118-119.

97. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Kodandram M.H. and Rai, A.B. (2009). Screening of chilli germplasm against yellow mite and thrips on the basis of leaf symptoms. National Seminar on Spices, Improving Productivity and Quality with Focus on Himalayan Spices, held on **October 22-24, 2009** at SKUAST-Jammu, pp. 67-68.
98. Rai A.B., Gracy R.G., Satpathy S., Kodandram M.H., **Kumar Akhilesh** and Shivalingaswamy T.M. (2009). Laboratory evaluation of botanicals against chilli mite (*Polyphagotarsonemus latus* Banks.). National Seminar on Spices, Improving Productivity and Quality with Focus on Himalayan Spices, held on **October 22-24, 2009** at SKUAST-Jammu, pp. 65-66.
99. Singh S., Rai A.B. and **Kumar Akhilesh** (2009). Biological control of root-knot nematode (*Meloidogyne incognita*) in chilli (*Capsicum annum*) by *Trichoderma viride* and *Pochonia chlamydosporia*. National Seminar on Spices, Improving Productivity and Quality with Focus on Himalayan Spices, held on **October 22-24, 2009** at SKUAST-Jammu, pp. 65.
100. **Kumar Akhilesh**, Rai A.B., Satpathy S. and Rai M. (2009). Field reaction of promising onion varieties to onion thrips (*Thrips tabaci* L.) damage. National Seminar on Spices, Improving Productivity and Quality with Focus on Himalayan Spices, held on **October 22-24, 2009** at SKUAST-Jammu, pp. 64.
101. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Kodandram M.H. and Rai A.B. (2009). Varietal reaction and pest succession in cowpea [*Vigna unguiculata* (L.) Walp.] at Varanasi. International Conference on Horticulture held on **November 09-12, 2009** at IIHR, Bangalore, pp. 231.
102. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Rai A.B. and Rai M. (2009). Effect of prey on predation and larval duration of *Chrysoperla carnea* (Neuroptera: Chrysopidae). International Conference on Horticulture from **November 09-12, 2009** at IIHR, Bangalore, pp. 233.
103. Shivalingaswamy T.M., Rai A.B., **Kumar Akhilesh** and Kondandram M.H. (2009). Farmscaping with marigold enhances the natural biological control of tomato leaf miner and fruit borer. International Conference on "Behavioural ecology of insect parasitoids: a perspective" held on **September 20-24, 2009** at Palermo, Italy, pp. 40.
104. Satpathy S., Shivalingaswamy T.M., **Kumar Akhilesh**, Rai A.B. and Rai M. (2009). Efficacy of biopesticides and new insecticides for management of cowpea pod borer, *Maruca vitrata*. Symposium on international conference on Grain Legumes : Quality improvement value addition and trade, held on **February 14-16, 2009** at IIPR, Kanpur, pp. 292-293.
105. Shivalingaswamy T.M., Satpathy S., Gracy R. G., Rai A.B., **Kumar Akhilesh** and Rai M. (2008). *Neochrysocharis formosa* Westwood (Hymenoptera: Eulophidae), a potential parasitoid of tomato leaf miner, *Liriomyza trifolii*. 2nd Congress on Insect Science, PAU, Ludhiana, held on **February 21-22, 2008**, pp. 347-348.
106. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Rai A.B. and Rai M. (2007). Paudhshala mein mirch ki prajatiyo/jeevdravayo par thrips pratirodhita ka mulayankan (Hindi). National Seminar on "Vaishavikaran ke

- paripashya mein krishi avam sambandhit utapado ki gunatamak viridhi avam sanrakshan hetu bhavi sodh dishayaein". Bhartiya Krishi Anusandha Samiti at IISR, Lucknow, **October 26-28, 2007**, pp. 218-219.
107. Malik Y.P., Singh S.V. and **Kumar Akhilesh** (2005). Protection technology for suppressing shoot and fruit borer infestation in egg plant. National Symposium on recent advances integrated management of brinjal shoot and fruit borer held on **October 03-04, 2005** at IIVR, Varanasi, pp. 192-193.
 108. Singh S., **Kumar Akhilesh** and Awasthi B.K. (2005). Chemical control of egg plant shoots and fruit borer in central UP. National Symposium on recent advances integrated management of brinjal shoot and fruit borer, held on **October 03-04, 2005** at IIVR, Varanasi, pp. 144.
 109. Satpathy S., Shivalingaswamy T.M., **Kumar Akhilesh** and Rai M. (2005). Integrated management of eggplant shoot and fruit borer with bioagents, botanical and insecticide. National Symposium on recent advances integrated management of brinjal shoot and fruit borer held on **October 03-04, 2005** at IIVR, Varanasi, pp. 164-166.
 110. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai M. (2005). Bioefficacy of Methomyl against thrips [*Scirtothrips dorsalis* (Hood)] in chilli. National Symposium on Sustainable Plant Protection Strategies: Health and Environment Concerns, held on **October 15-17, 2005** at Dapoli, pp. 43.
 111. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. and Ram D. (2005). Relative susceptibility of bottlegourd cultivars to red pumpkin beetle, *Raphidopalpa foveicollis*. National Symposium on Sustainable Plant Protection Strategies: Health and Environment Concerns held on **October 15-17, 2005** at Dapoli, pp. 47.
 112. **Kumar Akhilesh** and Nath Paras (2005). Arhar mein phali vedhak keeto dwara honein wali chhati ka mulyankan (Hindi). National symposium on ikaisavee shatabdi mein khadya avam prayavaran prabandhan wa sanrakshan, held on **May 15-17, 2005** at Haridwar, pp. 73.
 113. **Kumar Akhilesh** and Nath Paras (2005). Arhar ke phool par thrips ka prakop(Hindi).National symposium on ikaisavee shatabdi mein khadya avam prayavaran prabandhan wa sanrakshan, held on **May 15-17, 2005** at Haridwar, pp. 73-74.
 114. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Rai S. and Rai M. (2005). Bibhinna bhaksh par *Chrysoperla* parbhakshi keet ki bhakshan chhamata (Hindi). National symposium on ikaisavee shatabdi mein khadya avam prayavaran prabandhan wa sanrakchhan, held on **May 15-17, 2005** at Haridwar, pp. 74-75.
 115. Shivalingaswamy T.M., **Kumar Akhilesh**, Satpathy S. and Rai M. (2005). Lobia mein phali vedhak keet ka prakop (Hindi).National symposium on ikaisavee shatabdi mein khadya avam prayavaran prabandhan wa sanrakchhan, held on **May 15-17, 2005** at Haridwar, pp. 76.
 116. **Kumar Akhilesh** and Nath Paras (2003). Impact of weather parameters on population of insect pests infesting early pigeonpea at Varanasi. National Symposium on Pulses for crop diversification and natural resource management

- held on **December 20-22, 2003** at IIPR, Kanpur, pp. 236.
117. **Kumar Akhilesh** and Nath Paras (2003). Influence of weather factors on population of insect pests in pigeonpea at vegetative and flowering stage. 5th National Symposium on bio-control agents for sustainable management of pests held on **December 18-20, 2003** at GBPUAT, Pantnagar, pp. 137-138.
 118. Gangwar D.S., **Kumar Akhilesh** and Shanker Uma (2003). Population dynamics of the leaf webber on sesamum. National Symposium on Biodiversity management for the 21st century, held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 133.
 119. Verma A. and **Kumar Akhilesh** (2003). Estimation of ratios in entomological surveys. National Symposium on Biodiversity management for the 21st century held on **June 28-30, 2003**, at B.H.U., Varanasi, pp. 77.
 120. Satpathy S., Shivalingaswamy T.M., Rai S. and **Kumar Akhilesh** (2003). Preference of cruciferous hosts by diamondback moth, *Plutella xylostella* (L.). National Symposium on Biodiversity management for the 21st century, held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 104.
 121. Satpathy S., **Kumar Akhilesh**, Shivalingaswamy T.M., Rai S. and Pandey P.K. (2003). Bioefficacy of Indoxacarb (15 SC) against tomato fruit borer, *Helicoverpa armigera* (Hubner). National Symposium on Biodiversity management for the 21st century held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 134.
 122. Gangwar D.S., **Kumar Akhilesh** and Katiyar R.R. (2003). Screening of sesamum germplasms against leaf webber and pod borer, Bihar hairy caterpillar and jassid at Kanpur. National Symposium on Biodiversity Management for the 21st Century held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 133.
 123. Singh S., **Kumar Akhilesh**, Awasthi B.K. and Gangwar D.S. (2003). Seasonal incidence of insect pests in brinjal at Kanpur. National Symposium on Biodiversity management for the 21st Century held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 93.
 124. Singh S. and **Kumar Akhilesh** (2003). Population dynamics and impact of weather factors on hadda beetle and brinjal shoot and fruit borer in brinjal crop. National Symposium on Biodiversity management for the 21st Century held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 94.
 125. **Kumar Akhilesh** and Nath Paras (2003). Study of the effect of meteorological factors on the population of insect pests infesting UPAS 120 cultivar of pigeonpea. National Symposium on Biodiversity management for the 21st Century held on **June 28-30, 2003** at B.H.U., Varanasi, pp. 134-135.
 126. Satpathy S., **Kumar Akhilesh**, Rai S.K., Kumar S. and Banerjee M.K. (2003). Screening of chilli germplasms against yellow mite thrips complex on the basis of leaf symptoms. National Symposium on IPM in horticultural crops for protection of environment and biodiversity held on **February 10-12, 2003** at Zonal Agricultural Research Station, JNKVV, Chandangaon, Chhindwara. pp. 107.
 127. **Kumar Akhilesh**, Satpathy S., Panday P.K. and Benerjee M.K. (2003).

Tamatar mein phal chhedak keet ke prabandhan mein jaivik ghatako ka mulyankan (Hindi). National Symposium on Krishi chhetra mein vashavikaran ke avasar avam chunautiya held on **January 17-19, 2003** at JNKVV, Jabalpur. pp. 143-144.

128. Ram D., Pandey P.K., Singh B., Pandey S., Benerjee M.K. and **Kumar, Akhilesh** (2003). Resistance source identification to bean mosaic virus in French bean (*Phaseolus vulgaris* L.). National symposium on sustainable pest management held on **January 2- 4, 2003** at B.H.U., Varanasi. pp. 125.
129. Satpathy S., Shivalingaswamy T.M., Singh A.P. and **Kumar Akhilesh** (2003). Role of biopesticides and border crops in aphid (*Brevicoryne brassicae*), management in cabbage. National symposium on sustainable pest management held on **January 2- 4, 2003** at B.H.U., Varanasi. pp. 71.
130. Ram D., Singh B., Satpathy S., Banerjee M.K. and **Kumar, Akhilesh** (2003). Susceptibility of French bean genotypes to aphid (*Aphis gossypii*). National symposium on sustainable pest management held on **January 2 - 4, 2003** at B.H.U., Varanasi. pp. 69.
131. Satpathy S., **Kumar Akhilesh** and Rai S. (2003). Evaluation of efficacy of new molecule for diamondback moth management. National symposium on sustainable pest management held on **January 2- 4, 2003** at B.H.U., Varanasi. pp. 64.
132. **Kumar Akhilesh** and Nath Paras (2003). Effect of insecticides on seed weight loss in pigeonpea caused by pod borer. National symposium on sustainable pest management held on **January 2-4, 2003** at B.H.U., Varanasi. pp. 40.
133. Shivalingaswamy T.M., Satpathy S., Singh B. and **Kumar Akhilesh** (2002). Predator-prey interaction between jassid (*Amrasca biguttula biguttula* Ishida) and a staphylinid in okra. Symposium on international conference on vegetables, held on **November 11-14, 2002** at Bangalore. pp. 275.

Citation Index

National Citation:

1. Mishra H.P. (2003). Efficacy of combination of insecticides against til leaf webber and pod borer *Antigastra catalaunalis* (Dupan.) and phyllody. *Ann. Pl. Protec. Sci.* 11 (2): 277-280.

Cited paper:

Kumar Akhilesh and Nath Paras (2003). Field efficacy of insecticides against pod bug and pod fly infesting pigeonpea. *Ann. Pl. Protec. Sci.* 11 (1): 31-34.

2. Manzoor H. Dar, Rizvi P.Q. and Gupta Ankita (2005). Development of integrated management modules for pod fly *Melonagromyza obtusa* Malloch. in late pigeon pea. *Ann. Pl. Protec. Sci.* 13 (2): 298-301.

Cited papers:

Kumar Akhilesh and Nath Paras (2003). Field efficacy of insecticides against pod bug [(*Clavigralla gibbosa* (Spinola))] and podfly (*Melanagromyza obtusa* Malloch) infesting pigeonpea. *Ann. Pl. Protec. Sci.* 11(1): 31-34.

3. Entomology: Novel approaches. Eds:- P.C. Jain and M.C. Bhargav, New Indian Publishing Agency, New Delhi

Cited papers:

Kumar Akhilesh and Nath Paras (2003). Pest complex and their population dynamics on an early variety of pigeonpea UPAS-120 at Varanasi. *Indian J. Ent.* 65(4): 453-460.

Kumar Akhilesh and Nath Paras (2003). Field efficacy of insecticides against pod bug [(*Clavigralla gibbosa* (Spinola))] and podfly (*Melanagromyza obtusa* Malloch) infesting pigeonpea. *Ann. Pl. Protec. Sci.* 11(1): 31-34.

4. Yadav D.K. and Singh S.K. (2006). Forecast model of major insect pests of mungbean. *Ann. Pl. Protec. Sci.* 14(2): 323-328.

Cited paper:

Kumar Akhilesh and Nath Paras (2005). Insect pests of early pigeonpea in relation to weather parameters. *Ann. Pl. Protec. Sci.* 13(1): 23 -26.

5. Singh M.K. and Nath Paras (2007). Effect of dates of *Brassica juncea* on *Coccinellid* beetle of *Lipaphis erysimi* Kalt. *Ann. Pl. Protec. Sci.* 15(1): 08 -11.

Cited paper:

Kumar Akhilesh and Nath Paras (2005). Insect pests of early pigeonpea in relation to weather parameters. *Ann. Pl. Protec. Sci.* 13(1): 23 -26.

6. Vijayachander A. and Arivudainambi S. (2007). Biology of pulses blue butterfly, *Lampides Boeticus* Linn. *Ann. Pl. Protec. Sci.* 15(1): 53 -56.
7. Ambika S., Manoharan T., Stanley and Preetha G. (2007). Scutellarid pests of *Jatropha* and their management. *Ann. Pl. Protec. Sci.* 15(2): 370 -375.

Cited paper:

Kumar Akhilesh and Nath Paras (2003). Field efficacy of insecticides against pod bug [(*Clavigralla gibbosa* (Spinola))] and podfly (*Melanagromyza obtusa* Malloch) infesting pigeonpea. *Ann. Pl. Protec. Sci.* 11(1): 31-34.

8. Kumar P., Prasad C.S. and Patel L.M. (2007). Efficacy and economics of insecticides and bio-pesticides against *Plutella xylostella* (L.) on cabbage. *Ann. Pl. Protec. Sci.* 15(2): 342 -344.

Cited paper:

Satpathy S., Kumar Akhilesh, Singh A.K. and Pandey P.K. (2005). Chlorfenapyr: A new molecule for diamondback moth (*Plutella xylostella* L.) management in cabbage. *Ann. Pl. Protec. Sci.* 13(1): 88 -90.

9. Arivudainambi S. and Vijay Chandar A. (2009). Management of pulses blue butterfly, *Lampides boeticus* L. in green gram. *Karnataka J. Agric. Sci.* 22(3-Spl. Issue) :624-625.

Cited papers:

Kumar Akhilesh and Nath Paras (2003). Pest complex and their population dynamics on an early variety of pigeonpea UPAS-120 at Varanasi. *Indian J. Ent.* 65(4): 453-460.

Popular articles

Published

1. **Kumar Akhilesh** (2019). Chaney mein keet prabandhan. *Krishak Aradhana*. 18-24 March. Pp. 11.
2. **Kumar Akhilesh** (2019). Surakshit bhandaran kar anaj ko keeto avam chuho se bachaye. *Krishak Suraksha*. 01 March. Pp. 08-09.
3. **Kumar Akhilesh**, Pandey A K, Patel A K and Kumar B (2019). Phal briksho mein lagne wale tana vedhak keet ka prabandhan. *Krishi Goldline*. 11(16): 6.
4. **Kumar Akhilesh**, Singh R, Singh S, Pandey A K and Kumar B (2019). Gobhi vargiya phaslo mein keet avam rog prabandhan. *Krishak Suraksha*. 01 January. Pp. 09-11.
5. **Kumar Akhilesh**, Pandey A K, Tiwari B K and Singh S (2019). Chaney mein samanwit keet prabandhan. *Krishak Suraksha*. 01 January. Pp. 21-22.
6. Singh N and **Kumar Akhilesh** (2019). Ghatatey brishk, barhte sankat. *Krishak Suraksha*. 01 January. Pp. 12-13.
7. **Kumar Akhilesh**, Singh S, Baghel K S and Tiwari B K (2018). Arhar mein samanwit keet avam rog prabandhan. *Krishak Suraksha*. 01 December. Pp. 29-30.
8. **Kumar Akhilesh**, Tiwari B K, Singh S Pandey B K (2018). Rabi phaslo mein ugne wale pramukh kharpatwar avam prabandhan. *Krishak Suraksha*. 01 December. Pp. 42-43.
9. Kumar B, Singh S, **Kumar Akhilesh** and Singh N (2018). Daalo ke raja chane ki unnat kheti. *Krishi Goldline*. 11(8): 5.
10. Singh S, Tiwari B K and **Kumar Akhilesh** (2018). Ghehu utpadkata barhane hetu unnat saghnikaran vidhi. *Krishak Aradhana*. 15-21 October. Pp. 09.
11. Kumar B and **Kumar Akhilesh** (2018). Sabjeeyo mein keet prabandhan. *Krishak Aradhana*. 08-14 October. Pp. 10.
12. Dharmendra, **Kumar Akhilesh**, Tiwari B K, Baghel K S and Krishana (2018). *Trichoderma* ek prabhawi jaiwik phaphudinashak. *Krishak Suraksha*. 01 October. Pp. 21-22.

13. Tiwari B K, **Kumar Akhilesh**, Singh S and Pandey A K (2018). Dharwar padhatti se arhar ki kheti kare. *Krishak Suraksha*. 01 October. Pp. 13-15.
14. **Kumar Akhilesh** (2018). Mukhaya sabjeeyo mein samanwit keet prabandha. *Krishak Chetna*. 8(4): 59-60.
15. **Kumar Akhilesh**, Singh N, Baghel K S and Singh R (2018). Phal briksho mein lagne wale tana vedhak keet ka prabandhan. *Krishi Goldline*. 11(2): 7.
16. **Kumar Akhilesh** (2019). Chane ki phasal mein samanwit keet prabandhan. *Star Samachar*. 25.01.19. pp. 9.
17. **Kumar Akhilesh** (2019). Gobhi vargiya phaslo mein keet prabandhan. *Star Samachar*. 10.01.19. pp. 9.
18. **Kumar Akhilesh** (2018). Rabi phaslo mein kharpatwar prabandhan. *Star Samachar*. 14.12.18. pp. 9.
19. **Kumar Akhilesh** (2018). Masoor ki phasal ka prabandhan. *Star Samachar*. 30.11.18. pp. 9.
20. **Kumar Akhilesh** (2018). *Trichoderma* ek prabhawi jaivik phaphoodinashak. *Star Samachar*. 16.11.18. pp. 9.
21. **Kumar Akhilesh** (2018). Adhik utpadan ke liye kharpatwaro par niyantran jaroori. *Star Samachar*. 02.11.18. pp. 9.
22. **Kumar Akhilesh** (2018). Beejopchar ka rabi ki phaslo mein mahattaw. *Star Samachar*. 19.10.18. pp. 9.
23. **Kumar Akhilesh** (2018). Samay aa raha hai masoor ki boni ka. *Star Samachar*. 05.10.18. pp. 9.
24. **Kumar Akhilesh** (2018). Soybean phasal mein keet prabandhan. *Star Samachar*. 31.08.18. pp. 9.
25. **Kumar Akhilesh** (2018). Dhan ki phasal ko bachaye keet aur rog se. *Star Samachar*. 08.18. pp. 9.
26. **Kumar Akhilesh** (2018). Rogo se bachaye mirch ki phasal. *Star Samachar*. 13.07.18. pp. 9.
27. **Kumar Akhilesh** (2018). Keetnashko ka suraskshhit tarike se istemaal. *Star Samachar*. 08.06.18. pp. 9.
28. **Kumar Akhilesh** (2018). Anaj ka suraskshhit bhandaran. *Star Samachar*. 01.06.18. pp. 9.
29. **Kumar Akhilesh**, Patel A., Singh N. and Alam M.A. (2018). Soybean phasal mein keet prabandhan. *Hariyali Patrika*. 3(1): 94-95.
30. **Kumar Akhilesh**, Pandey A.K., Tiwari R.K. and Pandey S.K. (2018). Sabjion mein samanawit keet prabandhan. *Hariyali Patrika*. 3(1): 91-93.
31. Kaushik U., Alam M.A., **Kumar Akhilesh**, Dhingra M.R. and Krishna (2018).

- Sabjion mein samanawit keet prabandhan. *Hariyali Patrika*. 3(1): 63-64.
32. Alam M.A., **Kumar Akhilesh** and Dhingra M.R. (2018). Novel and new insecticides for the eco friendly management insect pests. *Hariyali Patrika*. 3(1): 52-56..
 33. Krishna, Kaushik U., Alam M.A. and **Kumar Akhilesh** (2018). Vermi compost bananey ki vidhi avam uska mahattaw. *Hariyali Patrika*. 3(1): 50-51.
 34. Dharmendra, Tiwari B.K., Singh S., Krishana, and **Kumar Akhilesh** (2018).Jaivik Krishi gatvidhiyon segurwattayukat phaslotpadan hona. *Krishak Chetna*. 8(5): 18-19.
 35. **Kumar Akhilesh** (2018). Tamatar phaslo kee keeto se suraksha. *Star Samachar*. March. 02.3.18. pp. 9.
 36. **Kumar Akhilesh** (2018). Garmiyon mein bhi kare moong ki kheti. *Star Samachar*. March. pp. 9.
 37. **Kumar Akhilesh** (2018). Pramukh sabjiyon mein samnawit keet prabandhan. *Star Samachar*. 16.02.18. pp. 9.
 38. **Kumar Akhilesh**, Dharmendra, Krishana, and Alam M.A. (2018). Sarson ki phasal mein nashijeev prabandhan. *Krishi Goldline*. 10(13): 5.
 39. **Kumar Akhilesh**, Krishana, Dharmendra and Dhingra M.R. (2018). Gobi vargiya phasalon mein nashijeev prabandhan. *Madhay Bharat Krishak Bharti*. 12(11): 10.
 40. Krishana, **Kumar Akhilesh**, Jaiswal S.K. and Dharmendra (2018). Kisan keetnashko ko surakshit tariko se kare istemal. *Krishi Goldline*. 10(12): 3.
 41. **Kumar Akhilesh** (2018). Mirch ko aise bachaye rogo se. *Star Samachar*. 12.01.18. pp. 9.
 42. **Kumar Akhilesh**, Baghel K.S., Dharmendra, Tiwari B.K. and Patel A.K. (2018).Ganna ki phasal mein keet prabandhan. *Krishak Suraksha*. 5(11): 24-26.
 43. Dharmendra, Tiwari B.K., Singh S., **Kumar Akhilesh** and Pandey A.K. (2018).Kachra apghatak. *Krishak Suraksha*. 5(11): 21-23.
 44. **Kumar Akhilesh**, Tiwari B.K., Patel A.K. and Tiwari R.K. (2017). Matar ki phasal mein nashijeev prabandhan. *Krishi Goldline*. 10(10): 06.
 45. **Kumar Akhilesh** (2017). Matar/Phasal prabandhan mein na kare laparwahi. *Star Samachar*. 29.12.17. pp. 9.
 46. **Kumar Akhilesh** (2017). Pyaj ko bachaye rogo se. *Star Samachar*. 22.12.17. pp. 9.
 47. **Kumar Akhilesh** (2017).Chane ki phasal mein deemak ka prakop. *Nai Duniya*. 24.12.17.
 48. **Kumar Akhilesh**, Baghel K.S. and Pandey A.K. (2017). Pyaj mein paudh sarankshan. *Krishak Chetana*. 8(4): 53.
 49. **Kumar Akhilesh** and Tiwari R.K. (2017). Rabi phaslo mein kharpatwar prabandhan. *Krishak Aradhana*. 12(12): 7.
 50. **Kumar Akhilesh** (2017).Tamatar mein samnawit keet prabandhan. *Krishak Suraksha*. 5(13): 19-20.

51. Dharmendra, Tiwari B.K., **Kumar Akhilesh** and Pandey A.K. (2017).Dalahani phaslo mein kharpatwar prabandhan. *Krishak Suraksha*. 5(13): 6-8.
52. Dharmendra, Tiwari B.K., **Kumar Akhilesh** and Pandey A.K. (2017).Masoor ki unnat taknik. *Krishak Suraksha*. 5(11): 6-7.
53. Tiwari B.K., Baghel K.S., **Kumar Akhilesh** and Singh S. (2017).Ramtil ki adhunik kheti. *Krishak Suraksha*. 5(10): 18-20.
54. Kumar P., Singh T. K., **Kumar Akhilesh**, and Singh J. (2017). Amrood ki vaigyanik kheti. *Krishak Suraksha*. 5(10): 14-16.
55. **Kumar Akhilesh** Pandey A. K. and Baghel K.S. (2017). Dhan ki phasal ka keet avam rog se bachaw. *Krishak Aradhana*. 12(8): 24.
56. **Kumar Akhilesh** (2017).Makke ki kheti kar labh kamaye. Star Samachar Rewa. 28.07.2017
57. Singh R., **Kumar Akhilesh** and Pandey A.K. (2017). Adhik aay prapt karney hetu Kharif mein pyaj lagaye. *Krishak Suraksha*. 4(5): 24.
58. Singh N. **Kumar Akhilesh**, Mishra M.K. and Patel A.K. (2017). Dhaniya ki unnat krishi utpadan taknik. *Krishi Goldline*. 10(2): 04.
59. Singh N. **Kumar Akhilesh** and Singh S. (2017). Vriksh lagaye, desh ko registan hone se bachaye. *Krishak Aradhana*. 12(3): 06.
60. **Kumar Akhilesh** (2017). Tamatar avam Baigon mein keet prabhandhan. *Hariyali* (Annual Magazine 16-17). 2: 55-56.
61. Singh N. and **Kumar Akhilesh** (2017). Grismkalin moong ki uttpadan taknik. *Krishak Aradhana*. 12(3): 06.
62. **Kumar Akhilesh** (2016). Narwai na jalaye. *Krishak Suraksha*. 04(1): 14.
63. Pandey A. K. and **Kumar Akhilesh** (2016). Dhan ki saghan SRI (SRI) kheti. *Kisan Bharti*. 47(6): 13&17.
64. **Kumar Akhilesh** (2016). Tamatar avam Baigon mein keet prabhandhan. *Hariyali* (Annual Magazine 15-16). 1: 79-82.
65. **Kumar Akhilesh** (2015).Sabjiyo mein samanwit keet prabandhan. *Krishak Suraksha*. 3(2): 20-23.
66. **Kumar Akhilesh** (2015). Aonley ki khadya gunvatta avam uska prasanskran. *Krishak Suraksha*. 2(10): 24-25.
67. Pandey A. K. and **Kumar Akhilesh** (2015). Barhayie smaran Shakti super food Alsi se. *Krishak Suraksha*. 2(10): 14.
68. **Kumar Akhilesh** (2014).Nai taknik se gehu ka utpadan barahe. *MAC Krishi Jagran*. 19(10): 32.
69. Pandey A. K. and **Kumar Akhilesh** (2014).Chuhe kha jate hai ektalis ton anaj . *Krishak Aradhana*.
70. **Kumar Akhilesh** (2014).Soybean ek paushanik ahar. *MAC Krishi Jagran*. 19(8): 74.
71. **Kumar Akhilesh**, Baghel K. S. Dubey R. and Panday A. K. (2014).Dhan mein nashijeev prabandhan se keet-rok roktham. *Krishak Doot*. 9.

72. **Kumar Akhilesh** (2014).Nai taknik se gehu ka utpadan barahe. *Krishak Suraksha*. 2(8): 17-18.
73. **Kumar Akhilesh** and Pandey A. K. (2014).Phal briksho mein lagnewale tanna vedhak keet ka prabandhan. *Krishak Suraksha*. 2(4): 9-10.
74. **Kumar Akhilesh**, Baghel K. S. and Pandey A. K. (2014).Dhan ki phasal mein nashijeev prabandhan. *Krishak Suraksha*. 2(3): 10-12.
75. **Kumar Akhilesh** and Pandey A. K. (2014).Bhandarit anaj ke bhayankar keeto ka prabandhan. *MAC Krishi Jagran*. 19(4): 16.
76. Kumar P., Rai N., Kumar R., **Kumar Akhilesh**, and Singh T. K. (2014). Sabjiyon mein sankar beej utpadan evam uska mahattaw. *Krishak Suraksha*. 1(12): 40-42.
77. Kumar P., Singh T. K., **Kumar Akhilesh**, and Singh J. (2014). Amrood ki vaigyanik kheti. *Krishak Suraksha*. 1(11): 29-33.
78. **Kumar Akhilesh**, Baghel K. S. and Pandey A. K. (2014).Kadduvargiya abjion mein nashijeev prabandhan. *Krishak Suraksha*. 1(11): 12-13.
79. **Kumar Akhilesh**, Pandey A. K., Singh N., and Singh T. K. (2014).Bhindi mein samanawit keet evam rog prabandhan. *Krishak Chetana*. 4(6): 36-37.
80. Singh N., **Kumar Akhilesh**, Singh S. S. and Pandey A. K. (2013).Prayavaran santulan mein briksho ka mahattaw. *Krishak Chetana*. 4(5): 40.
81. Pandey A. K. and **Kumar Akhilesh** (2013).Chane ki unnat kheti ke gur. *Krishi Goldline*. 6(9): 3.
82. **Kumar Akhilesh** (2013).Dhan ki phal mein rog prabandhan. *Krishi Goldline*. 18: 4.
83. **Kumar Akhilesh** (2013).Dhan ki phasal mein sammanwit keet prabandhan. *India Unbound*. 6(6): 3.
84. Baghel K.S., Panday A.K., **Kumar Akhilesh**, Singh R. (2013).Dhan ki sri (SRI) padhati apnaey bharpur utpadan paey. *Krishak Suraksha*. 1(6): 13-14.
85. Saha S., Singh A., Lognathan M. and **Kumar Akhilesh** (2013).Keetnashi rasyno ke upyog mein sawdhaniya. *Krishak Vandana*. 17(8): 17.
86. **Kumar Akhilesh** and Pandey A. K. (2013).Phal briksho mein lagnewale tanna vedhak keet ka prabandhan. *Krishak Saporter*. 8(2): 4.
87. **Kumar Akhilesh**, Sharma A. Singh M. Saha S. and Lognathan M. (2013).Tamatar ki phal mein sammanwit keet prabandhan. *Kisan Jyoti*. 3(3): 61-62.
88. Shivbachan, Choubey A.K., Singh Jai and **Kumar Akhilesh** (2013).Dudharu gauvanshiya pashuyo ki prashawkal mein uchit dekhbhal. *Krishak Vandana*. 13(1): 9.
89. **Kumar Akhilesh**, Singh M., Saha S. and Sharma A. (2013).Sabjiyo ke keet prabandhan mein jaivik ghatko ka mahtaw. *Krishak Chetana*. 3(6): 37-38.
90. **Kumar Akhilesh**, Sharma A. Singh M. and Lognathan M. (2013).Keetnashi rasyno ke upyog mein sawdhaniya. *Krishak Vandana*. 17(1): 16.
91. **Kumar Akhilesh**, Sharma A. Singh M. and Singh N. (2013).Chane ki illi ka samnavit keet prabandhan. *Krishak Chetana*. 4(1): 17.
92. Sharma A., **Kumar Akhilesh** and Singh M. (2013).Lauha tattaw-Ek suksham poshak tattaw ka manaw aahar mein mahattaw. *Krishak Duniya*. 38(41): 4.

93. Pandey K.K and **Kumar Akhilesh** (2013).Sabjion ke rog prabandhan mein jaiwik ghatako ka mahattaw. *Krishak Duniya*. 38(39): 6.
94. **Kumar Akhilesh**, Sharma A. Singh M. Saha S. and Lognathan M. (2013).Tamatar ki phasal mein samanwit keet prabandhan. *Kisan Jyoti*. 3(3): 61-62.
95. **Kumar Akhilesh** and Sharma A. (2012).Sabjion mein keetnashi rasayno ke vish prabhaw se bachaw. *Krishak Chetana*. 3(4): 44.
96. Shivbachan, Choubey A.K., Singh Jai and **Kumar Akhilesh** (2012).Barseem ek dugdh vardhak hara chara "Khilaney mein sawdhaniya" *Krishak Chetana*. 3(4): 35.
97. **Kumar Akhilesh**, Sharma A. and Singh M. (2012).Dhan ki phasal mein samanwit keet prabandhan. *Krishak Duniya*. 38(27): 4 & 14.
98. Dhaware S.R., Singh M., and **Kumar Akhilesh** (2012).Soyabean ke chakra bhring keet ka prabandhan. *Krishak Duniya*. 38(22): 4.
99. **Kumar Akhilesh**, Singh M., Sharma A., Dhaware S.R. and Singhai N.K. (2012).Tamatar mein samanawit keet prabandhan. *Krishak Vandana*.12(8): 27&30.
100. **Kumar Akhilesh**, Singh M. and Sharma A. (2012).Mirch avam tamatar mein keet prabandhan. *Krishak Chetana*. 2(7): 36-37.
101. Sharma A., **Kumar Akhilesh** and Singh M. (2012).Aonla ki khadya gorwatta avam uska prasanskan. *Krishak Chetana*. 2(7): 35.
102. **Kumar Akhilesh** and Singh M. (2012). Sabji mein keet prabandhan. *Krishak Duniya*. *Krishak Duniya*. 38(9): 30 -32.
103. **Kumar Akhilesh** (2012).Swasthya beej: Unnat kheti ka adhar, kare beejopchar. *Duniya*. *Krishak Duniya*. 38(9): 07&15.
104. **Kumar Akhilesh**, Sharma A. and Singh M. (2012).Baigon mein keet prabandhan.*Dehat Sandesh*. 9(184): 11.
105. Sharma A., **Kumar Akhilesh** and Singh M. (2012).Soyabean ek chamtkari poshanik uphar.*Dehat Sandesh*. 9(178): 7.
106. **Kumar Akhilesh**, Sharma A., Dhaware S.R. and Singh M. (2012).Tamatar mein nashijeev prabandhan. *Krishak Duniya*. 38(13): 6.
107. **Kumar Akhilesh** (2012).Kaddu vargiya sabjiyon mein keet avam rog prabandhan. *Krishi Saporter*. 6(10): 3-6.
108. Sharma A., **Kumar Akhilesh** and Singh M. (2012).Bhojya resha ka dainik ahar mein mahattaw. *Krishak Chetana*. 3(1): 50-51.
109. **Kumar Akhilesh**, Sharma A. and Singh M. (2012).Kaddu vargiya sabjiyon mein keet avam rog prabandhan. *Krishak Chetana*. 3(1): 27-28.
110. **Kumar Akhilesh**, Sharma A. and Singh M. (2012).Dalhani sabjiyon ke hanikarak keet. *Krishak Chetana*. 2(6): 13.
111. **Kumar Akhilesh**, Singh M. Srivastava D. K. and Sharma A.(2012).Sabjiyon ki kheti mein kechuwe ki khad ka mahattaw. *Krishak Duniya*. 38(8): 4.
112. **Kumar Akhilesh** and Singh M. (2012). Sheetkalin sbjiyo mein keetprabandhan. *Krishak Duniya*. 38(1): 06 & 14.

113. **Kumar Akhilesh**, Singh M. and Sharma A. (2011).Kadduvargiya sabjiyon ki paudh tayar karne ki vidhi. *Krishi Saporter*. 5(11): 13.
114. Sharma B.K., **Kumar Akhilesh** and Rai M. (2011). Swasth beej, unnat kheti ka adhar, karein beejopchar. *Krishak Duniya*. 37(9): 07 & 10.
115. Sharma B.K., **Kumar Akhilesh**, Kumar Anish and Rai A.B. (2010).Vam ya nutrilink: Adhunik avam tikaiu kheti ke liye vardan.*Sabjee Kiran*. 4(1&2): 14-15.
116. Rai A.B. and **Kumar Akhilesh** (2010). Keet Vish Ka Kam Prayog Awasayak. Rajya Astriya Sangosthi “Sabjee Utpadan, Prasanskaran avam Viparan ke Adhunik Ayam”, 27-28 Nov. 2010, *Asmarika*, pp. 80-91.
117. Sharma B.K., **Kumar Akhilesh**, Rai A.B., Kumar Anish and Rai M. (2010). Nutritional and anti-nutritional compounds in vegetables and their effects. *Indian Farmers Digest*. 43(9): 38-40 & 42.
118. **Kumar Akhilesh**, Sharma B.K., Kumar Anish and Rai A.B. (2010).Kadduvargya Sabjion mein Nashijeevi Prabandhan.*Krishak Chetna*. 3(4): 22-23.
119. **Kumar Akhilesh**, Shivalingaswamy T.M. and Rai A.B. (2010). Jaiv Niyrantran Karko ka Samooh Utpadan. *Krishak Duniya*. 36(11): 4 &12.
120. Singh R. and **Kumar Akhilesh** (2010). Uttam Beej Banaey, Sabjee Utpadan Barahey.*Krishak Duniya*. 36(9): 44-46.
121. **Kumar Akhilesh**, Kumar A. and Shivalingaswamy T.M. (2009). Krishi Rasayano ke Prayog mein Sawdhaniya. *Sabjee Kiran*. 3(1&2): 51-52.
122. **Kumar Akhilesh**, Sharma B.K., Rai A.B., and Rai Mathura (2009). Gobhivargiya Sabjion mein Nashijeevi Prabandhan. *Sabjee Kiran*. 3(1&2): 48-50.
123. Misra P. K., **Kumar Akhilesh**, Gupta S., Rai A.B. and Gupta V. (2009). Jaiveek veedhi se uttpadit sabjion ka vaiwasay avam pramanikaran. *Sabjee Kiran*. 3(1&2): 40-44.
124. Rai A.B., Shivalingaswamy T.M., **Kumar Akhilesh** and Rai M. (2009). Sabjeeyon mein keet prabandhan. Rajya Astriya Sangosthi “Sabjeeyon ke Tikaou Utpadan avam Vikash hetu Karbanik Kheti”, 17-18 Nov. 2009, *Asmarika*, pp. 68-75.
125. **Kumar Akhilesh**, Shivalingaswamy T.M., Satpathy S. and Rai M. (2009). Baigon ke bekabu keet. *Phal Phool*. 30(1): 22-24.
126. **Kumar Akhilesh**, Rai A.B. and Rai M. (2009). Keeto se baigon ki suraksha. *Unnat Krishi*. 47(1): 6-8.
127. Chaurasia S.N.S. and **Kumar Akhilesh** (2009). Sabjeeyon ki paudh tayar karma. *Krishak Duniya*. 35(7): 6 & 15.
128. **Kumar Akhilesh**, Sharma B.K. and Rai M. (2009). Pyaj mein nashijeev prabandhan. *Krishak Duniya*. 34(38): 5.
129. Sharma B.K., **Kumar Akhilesh** and Rai M. (2009). Tamatar ke mridajanit rog wa unka prabandhan. *Krishak Duniya*. 34(38): 5.
130. Sharma B.K., **Kumar Akhilesh**, Bag T.K. and Rai M. (2008). Matar mein nashijeev prabandhan. *Sabjee Kiran*. 2(1&2): 52-53.
131. **Kumar Akhilesh**, Rai A.B., Shivalingaswamy T.M.S., Satpathy S. and Rai M.

- (2008). Jaivik ghatko ka Sabjiyon ke keet prabandhan mein mahataw. *Sabjee Kiran*. 2(1&2): 57-59.
132. Rai G.K., **Kumar Akhilesh** and Rai M. (2008). Baigon ka ekikrit poshak tattaw prabandhan. *Krishak Duniya*. 34(12): 15.
 133. **Kumar Akhilesh** and Pandey P.K. (2008). Weeds biological control. *Agri Gold Swarna Sedyam*. 11(5): 53-55.
 134. **Kumar Akhilesh**, Shivalingaswamy T.M.S. and Rai M. (2007). Sabjeeyon ki paudhshala mein keet prabandhan. *Sabjee Kiran*. 1(2): 53-56.
 135. **Kumar Akhilesh** (2007). Baigon ke pramukh keet avam niyantran. *Krishak Duniya*. 33(23): 15.
 136. Vibha, **Kumar Akhilesh** and Mishra K.K. (2007). Mushroom: Prospect for future growth. *Indian Farmers Digest*. 40(1): 37-39.
 137. **Kumar Akhilesh**, Rai A.B. and Rai M. (2006). Keeto se sabjiyon ki suraksha. *Phal Phool*. 28(4): 8-12.
 138. **Kumar Akhilesh**, Satpathy S., Shivalingaswamy T.M. and Tripathi U.K. (2006). Gharkin avam kaddu vargiya sabjion mein keet prabandhan. *Krishi Amrit*. 3(4-1): 6.
 139. **Kumar Akhilesh**, Singh A.K., Singh S.K. and Rai M. (2006). Sankar tamatar kii unnat kheti. *Phal-Phool*. 28 (3): 6-10.
 140. **Kumar Akhilesh**, Singh N., Mishra K.K. and Rai M. (2006). Bhindi mein nashijeev prabandhan. *Kisan Bharti*. 37(10): 13 -15.
 141. **Kumar Akhilesh**, Singh V. and Rai S. (2005). Viruses in the management of insect pests. *Indian Farmers Digest*. 38(3): 10-11.
 142. **Kumar Akhilesh**, Singh S.K. and Pandey A.K. (2004). Baigon ki labhprad kheti. *Krishak Vandana*. 8(11): 19-20.
 143. **Kumar Akhilesh** and Rai S. (2003). Kaddu vargiya sabjeeyon mein keet prabandhan. *Kisan Jyoti*. 20(3&4): 24-26.
 144. Prasad K., **Kumar Akhilesh** and Pandey P.K. (2003). Sabjeeyon mein Nashijeev ka prayog. *Vishawa Krishi Sanchar*. 6(7): 54-56.
 145. Singh S.K. and **Kumar Akhilesh** (2003). Matar ki unnatsheel kheti. *Krishak Dunia*. 29 (26): 7.
 146. Prasad K., **Kumar Akhilesh** and Pandey P.K. (2003). Keetnashako ka hamarey swasthay par prabhaw avam sawdhaniya. *Vishawa Krishi Sanchar*. 6(2): 17-18 & 24.
 147. **Kumar Akhilesh** and Pandey P.K. (2003). Tamatar ke pramukh keet avam rog. *Krishi Jivan*. 6(3): 15-17.
 148. **Kumar Akhilesh** (2003). Bhandaran mein anaj ki surachha avam sawdhaniya. *Kisan Jyoti*. 20(4): 11-13.
 149. **Kumar Akhilesh** and Pandey P.K. (2002). Mirch ke pramukh keet avam rog. *Krishak Duniya*. 28(32): 7.
 150. **Kumar Akhilesh**, Singh S.K. and Banerjee M.K. (2002). Mirch ki unnat kheti. *Krishak Jagat*. 57(6 & 7): 26.

151. **Kumar Akhilesh** and Srivastava D (2002). Paudh sanrakshan aushdhiyo ke prayog mein dhyan dey. *Krishak Duniya*. 28(21): 34-35.
152. **Kumar Akhilesh** and Rai S. (2002). Sabjeeyo ke pramukh keet avam unka niyantran. *Krishak Duniya*. 28(21): 31-33.
153. **Kumar Akhilesh** and Singh S.K. (2002). Baigon ki unnat kisme lagayein. *Krishak Duniya*. 28(11): 6-7.
154. **Kumar Akhilesh**, Srivastava K.M. and Singh N.P. (2000). Screening of Indian bean germplasm against black aphid *A. craccivora* Koch. *Unnat Bagvani*. 3(3-4): 43-45.
155. **Kumar Akhilesh**, Ram S. and Srivastava R. (2000). Sabzi utpadan mein keetnashak rasayano ka andhadhundh prayog. *Unnat Bagvani*. 3(1): 5-8.
156. **Kumar Akhilesh** and Singh N. (1999). Chuho ke niyantran mein zinc phosphide powder ka prayog. *Unnat Bagvani*. 2(2): 11.
157. **Kumar Akhilesh**, Nath Paras, Singh A.K. and Bhushan S. (1999). Role of bacteria in insect pests management. *Unnat Bagvani*. 2(2): 25-27.
158. **Kumar Akhilesh** and Srivastava R. (1998). Bhindi ke pramukh keet avam roktham. *Unnat Bagvani*. 1(4): 17-18.
159. **Kumar Akhilesh** (1998). Rogo avam keeto se matar ki suraksha. *Uttar Pradesh Sandesh*. 8(11): 24.
160. **Kumar Akhilesh** (1998). Kahawate krishi ke liye upyogi. *Ganna Samachar*. 14(1): 47.
161. **Kumar Akhilesh** and Gangawar D.S. (1997). Chuho ke niyantran mein ALP goliyo ka prayog. *Kisan Jyoti*. 14(4): 24.
162. **Kumar Akhilesh** and Pathak R. (1997). Aam mein lagein wali pramukh bimariya avam niyantran. *Kisan Jyoti*. 14(4): 21-23.
163. **Kumar Akhilesh** and Pathak R. (1997). Aam ke keet avam niyantran. *Kisan Jyoti*. 13(4): 42-44.
164. **Kumar Akhilesh** (1996). Manusyon ke liye machhlio ka mahatwa. *Purvanchal Kheti*. 6(1): 13-14.
165. **Kumar Akhilesh** (1994). Labh daiyak sem. *Ganna Masik*. 27(1): 28.
166. Pandey N.D., Tripathi R.A. and **Kumar Akhilesh** (1993). Keetnashi rasayano ka chayan, prayog bidhi avam sawadhaniya. *Purvanchal Kheti*. 3(8): 15-17.

Manual

- Singh T K, **Kumar Akhilesh**, Singh R and Bose U (2019). Practical manual on protected cultivation of vegetable crops, Dept. of Horticulture, College of Agriculture, Rewa. Pp. 1-65.
- Alam M A, Dhingra M R and **Kumar Akhilesh** (2018). Practical manual on crop pest management for B.Sc. (Ag.) students, Dept. of Entomology, College of Agriculture, Rewa.

Book Chapter

- Singh S, Tiwari B K, **Kumar Akhilesh**, Tiwari R K, Kumar A, Patel A K and Baghel K S (2019). Biochar. Eds. Kumar A., Sharma A., Goswami A K., Parihar C M and Tiwari R K. Agrivision-19, pp. 116-121. Agrivision-19 held on “Integrated agriculture-Prosperous Bharat”, January 28-29, 2019 at NASC, ICAR, New Delhi. Pp. 01-285.
- **Kumar Akhilesh**, Kishna and Alam M.A. (2018). Technologies for boosting farmers' income. Technologies for Doubling Farmers' Income. Eds. Dwivedi B.K., Mishra S.D and Tripathi A. Bioved Research Society, Allahabad(UP), pp. 185-196.
- **Kumar Akhilesh**, Singh M., Sharma A. and Satpathy S. (2013). Sabjiyon mein Ekikrit keet prabandhan. In Vartman Vaigyanik Anusandhan. Eds. Jindal S.K. and Kumar P., DESIDOC, DRDO Raksha Mantralaya, Metcalf House, Delhi. pp. 146-154.
- Rai A.B., Shivalingaswamy T.M.S., Satpathy S. and **Kumar Akhilesh** (2007). Sabjiyon mein samanveet keet niyantran. In Sabjiyon ki Aadhunik Utpadan Taknik. Eds. N. Rai, M. Rai and A.B. Rai, International Book Distributing Company (Pub. Division), Lucknow, pp. 228-244.

RESEARCH EXPERTISATION

Screening technique against insect pest, disease and virus

Field screening

Screening of okra lines against jassid, red spider mite, enation leaf curl virus, yellow vein mosaic virus and cercospora; chilli varieties/germplasm against yellow mite; crucifers against DBM; bottle gourd varieties/germplasm against red pumpkin beetles; cowpea lines against golden mosaic virus, rust; pea lines against downy mildew, powdery mildew.

Net house screening

Host preference screening of crucifers against DBM; Thrips and yellow mites in chilli.

Lab screening

DBM in different crucifers as a single and multiple host preference study.

Artificial rearing of natural enemy, host insect and pests

Mass culture of *Corcyra*, *Chrysoperla*, *Trichogramma*, *Helicoverpa*, *Spodoptera* and brinjal shoot and fruit borer under laboratory condition.

Behavioural manipulation

- Use of bait trap against fruitfly.
- Use of sex pheromone trap for monitoring/mass trapping of vegetable pests.
- Use of trap crop.
- Use of barrier crop against whitefly in okra.

Mass production technique

- *Chrysoperla* rearing.
- HaNPV and SINPV culture.
- Mass production of *Corcyra* as a host of *Trichogramma* and *Chrysoperla*.
- *Trichogramma* culture.

Biological control

- Application of *Trichogramma*, HaNPV and SINPV for management of vegetable pests.
- Application of *Chrysoperla* in field used against aphid, jassid, tomato fruit borer, BSFB and *Earias* sp.
- Biopesticide use in vegetable pests.
- Biodynamic product used against jassid and mites.
- Preying efficiency study of *Chrysoperla* and *Paederus* against aphid, jassid and eggs of lepidopteran pests.

Chemical control

Evaluation of new molecules/insecticides against *Helicoverpa*, DBM, thrips, yellow mites, cowpea pod borer, tomato leafminer, Whitefly and aphid.

Apiculture

Bee management of pollination and honey production.

Pesticide residue analysis

Expertise on GLC and HPLC operation for insecticide residue analysis in vegetables.

Study of seasonal incidence of insect pests in vegetable and pigeonpea crops

Cowpea pod borer, jassid, mite, semi lopper, fruit borer, *Spodopetra*, whitefly, brinjal shoot and fruit borer, fruitfly, red pumpkin beetle, DBM, cabbage head borer, aphid,

thrips, pod bug, pigeonpea pod borer, podfly, leaf webber, blister beetle, plume moth, bud weevil, pod weevil and bean pod borer.

Technology developed

- Two application of insecticide monocrotophos and endosulfan first at flowering + podding and second at 25 days after first application is found most effective against podfly and pod borer in pigeonpea, respectively.
- Determination of storage temperature to prolong the stability of NPVs.
- Application of boron for the management of brinjal shoot and fruit borer.
- Identification of establishment of Chinese cabbage as trap crop in the management of DBM in cabbage.
- Development of bait composition for fruit fly management.
- Suitability of different crucifers for use as trap crop.
- Use of plastic funnel trap baited with sex pheromone of brinjal shoot and fruit borer @ 100/ha along with clean cultivation through weekly removal of infested shoots and freshly damaged fruit during each harvest provide economical management of this pest with least use of insecticide.
- Technology involving use of bottle trap containing wood block saturated with ethanol, male attractant (cuelure) and insecticide (8:1:2) along with bait spray of molasses (10%) and insecticide in selected plants provided efficient management of fruit flies.
- IPM module involving use of African marigold as trap crop in two sides every after 14 rows of tomato. Planting of trap crop should be adjusted in such a manner that tomato flowering coincides with tight bud stage of marigold. Marigold attractants both fruit borer and leaf miner adult for egg laying.
- Selection of relatively dark colour cultivars suffers less from DBM damage seed treatment with Imidacloprid 70 WS @ 3 g/kg seed to protect the whitefly infestation.

Member of Scientific Societies

- Life member of Indian Society of Agricultural Science, IARI, New Delhi.
- Life member of Entomological Society of India, IARI, New Delhi.
- Life member of Indian Society of Vegetable Science, IIVR, Varanasi.
- Member of International Chickpea and Pigeonpea Newsletter, ICRISAT, Hyderabad.
- Life member of Society for the Protection of Environment and Sustainable Development, IAS, BHU, Varanasi.
- Life member of Indian Society of Agricultural Research, Karnal.

- Life member of Indian Society of Pulses Research and Development (ISPRD), IIPR, Kanpur.
- Life Member of Society of Plant Protection Sciences of India, IARI, New Delhi.
- Life Member of Alumni Association of BHU Agriculture (AABHA), I.A.Sc., BHU, Varanasi.
- Life member of Indian Society of Horticultural Research and Development (ISHRD), Deharadun, Uttarakhand.
- Life member of Society for Plant Protection and Environment, Bhubneshwar, Orissa.
- Life member of Society for The Advancement of Human and Nature (SADHNA) Solan, Himachal Pradesh.
- Member of Plant Protection Association of India, Hyderabad.
- Member of Insect Study and Conservation Network (ISCN), IIHR, Bangalore.
- Member of Bioved Research & Communication Centre, Allahabad.
- Member of Krishak Duniya, Bhopal.
- Member of Krishak Vandana, Jabalpur.
- Member of Krishak Chetna, Jabalpur.
- Member of Krishak Saporter, Bhopal.
- Member of Krishak Suraksha, Bhopal.

Vocational Training Programme (VTP)

- Seed Production Technology (AGR 131) at KVK, Shahdol (2012-13)
- Seed Production Technology (AGR 131) at KVK, Rewa (2013-14)

Training imparted to the farmers

- Training on (F & FW Off campus) Importance of soil solarization in nursery crop dated **27-04-2013** at Sinduri village.
- Training on (F & FW Off campus) Grain storage methods, protection and precaution dated **23-04-2013** at Sinduri village.
- Field Day on (F & FW Off campus) IDM in tomato under FLD dated **21-03-2013** at Sinduri village.
- Training on (Sponsored F & FW Off campus) Methods of seed treatment and their application under Nutricereal Kodo-Kuttaki training programme dated **20-03-2013** organised by FW&ADD, Anuppur.
- Training on (Sponsored F & FW Off campus) Disease management in koddokuttaki under Nutricereal Kodo-Kuttaki training programme dated **20-03-2013** organised by FW&ADD, Anuppur.
- Training on (Sponsored F & FW Off campus) Pest management in koddokuttaki

- under Nutricereal Kodo-Kuttaki training programme dated **20-03-2013** organised by FW&ADD, Anuppur.
- Field Day on (F & FW Off campus) IPM in chickpea under FLD dated **19-03-2013** at Sinduri village.
 - Training on (F & FW Off campus) Anna bhandaran mein suraksha avam sawdhaniya under TSP (AF) dated **14-03-2013** at Sinduri village.
 - Training on (F & FW Off campus) Pramukh phaslon, phalon avam sabjiyon mein nashijeev prabandhan under TSP (AF) dated **13-03-2013** at Sinduri village.
 - Training on (Sponsored F & FW Off campus) Seed treatment and method of seed treatment under Nutricereal Kodo-Kuttaki training programme dated **12-03-2013** at Hotel City Star, Shahdol.
 - Training on (Inservice-Off campus) IPM in chickpea under FLD dated **30-12-12** at Sohagpur, Shahdol.
 - Training on (F & FW Off campus) Pramukh sabjiyon mein nashijeev prabandhan & Jaiv keetnashko ka keet niyantran mein mahattaw under TSP (AF) dated **07-03-2013** at Khitoli village.
 - Training on (F & FW Off campus) Keetnashi rasayno ke prayog mein sawdhaniya & Rabi ki phaslon mein keet avam vyadhi prabandhan under TSP (AF) dated **06-03-2013** at Khitoli village.
 - Training on (F & FW Off campus) Pest management in Tomato dated **05-03-13** at Sinduri village.
 - Training on (RY-On campus) Mass production of NPV dated **04-03-13** at KVK, Shahdol.
 - Training on Disease management in oil seed crops under ISOPAM oil seed plan programme to officers (IS off campus) dated **03.03.2013** organised by FW&ADD, Sohagpur, Shahdol.
 - Training on Insect pest management in oil seed crops under ISOPAM oil seed plan programme to officers (IS off campus) dated **02.03.2013** organised by FW&ADD, Sohagpur, Shahdol.
 - Training on (F & FW Off campus) Disease management in chickpea dated **01-03-13** at Sinduri village.
 - Training on (RY-On campus) Vegetables and oil crop production technology under seed production training (VTP) dated **15-01-13 to 25-02-13** organised at KVK, Shahdol.
 - Training on (F & FW Off campus) Disease management in mustard crop dated **06-02-13** at Sinduri village.
 - Training on (RY-On campus) Importance of vermicopost production technology dated **02-02-13** at KVK, Shahdol.
 - Training on (F & FW Off campus) IDM in tomato under FLD dated **29-01-13** at Sinduri village.
 - Training on (F & FW Off campus) Aphid management in mustard dated **22-01-13** at Kathotia village.
 - Training on (Inservice-On campus) Leaf curl management in tomato dated **30-12-**

- 12** at KVK, Shahdol.
- Training on (RY-On campus) Production technology of Trichoderma dated **28-12-12** at KVK, Shahdol.
 - Training on (F & FW Off campus) IPM in cabbage dated **12-12-12** at Dadratola village.
 - Training on (F & FW Off campus) IDM in tomato under FLD dated **20-11-12** at Sinduri village.
 - Training on Jaivik vidhi se Rabi phaslon mein keet & vyadhi prabandhan under KVSK programme dated **09-11-12** organised by PD, ATMA, Anuppur at KVK, Shahdol.
 - Training on Pest and disease management in vegetable crops under KVSK programme dated **09-11-12** organised by PD, ATMA, Anuppur at KVK, Shahdol.
 - Training on Cereals and pulses pest management under KVSK programme dated **08-11-12** organised by PD, ATMA, Anuppur at KVK, Shahdol.
 - Training on (F & FW Off campus) IPM in chickpea under FLD dated **06-11-12** at Sinduri village.
 - Training on (F & FW Off campus) Leaf curl management in tomato dated **01-11-12** at Sinduri village.
 - Training on (F & FW Off campus) Pest management in nursery of cabbage dated **17-10-12** at Sinduri village.
 - Training on Kharif phaslon mein rog prabandhan under Course Cereals one day programme to Shahdol, Umaria and Anuppur distt. Officers (IS on campus) dated **12-10-12** organised by Joint Director Office, Shahdol.
 - Training on (F & FW Off campus) Pest and disease management in nursery tomato dated **10-10-12** at Sinduri village.
 - Training on (F & FW Off campus) Rice gundhi bug management in paddy dated **04-10-12** at Sinduri village.
 - Training on (F & FW Off campus) Leaf curl management in chilly crop dated **24-09-12** at Sinduri village.
 - Training on Kharif phaslon mein rog prabandhan under organic farming programme to officers (IS on campus) dated **20-09-12** organised by FW&ADD, Anuppur.
 - Training on Kharif phaslon mein rog prabandhan under MPAWA programme to officers (IS Off campus) dated **22-08-12** organised by FW&ADD, Anuppur.
 - Training on Kharif phaslon mein keet prabandhan under MPAWA programme to officers (IS Off campus) dated **22-08-12** organised by FW&ADD, Anuppur.
 - Training on (F & FW Off campus) Pest Management in Chilly dated **29-08-12** at Sinduri village.
 - Training on Pest management in koddokutaki crops under nutricereals dated **28-08-12** organized by FWADD, Shahdol (Sponsored).
 - Training on Pests and Disease Management in Kharif Crops organised by KVK, Shahdol dated **15-08-12** at Sinduri Bharri, Shahdol.

- Training on (F & FW Off campus) Disease Management in paddy dated **17-07-12** at Sinduri village.
- Training on Dhan ki phaslon ki unnat kheti and nashijeev prabandhan dated **15-06-12** at Vill. Bandikala, Shahdol.
- Training on Kharif Phaslon mein keet avam rog prabandhan in Krishi Vigyan Mela (ATMA) - 2012 dated **15-06-12** organised by FW&ADD, Shahdol (14-06-12 to 16-06-12).
- Training on Phaslon mein Samanwit keet/vyadhi prabandhan in Krishi Vigyan Mela (ATMA) - 2012 dated **12-06-12** organised by FW&ADD, Anuppur (12-06-12 to 14-06-12).
- Training on (RY-F & FW Off campus) Pest and Disease Management in Kharif Nursery dated **09-06-12** at Sinduri village.
- Training on Kharif Phaslon mein Paudh Sarnkshan under KVSK (ATMA) programme dated **05 - 06-12** organised by FW&ADD, at Kotma Block, Anuppur.
- Training on Kharif Phaslon mein Paudh Sarnkshan under KVSK (ATMA) programme dated **04- 06-12** organised by FW&ADD, at Jaitahri Block, Anuppur.
- Training on Pests Management in Kharif Crops under KVSK (ATMA) programme dated **03- 06-12** organised by FW&ADD, at Rajendra Gram Block, Anuppur.
- Training on Pests Management in Kharif Crops under KVSK (ATMA) programme dated **02- 06-12** organised by FW&ADD, at Badra Block, Anuppur.
- Training on Insect and Disease control in Vegetable crops through Biocontrol methods (IS) under RKVY Organic Farming programme dated **17- 05-12** organised by FW&ADD, Anuppur.
- Training on Insect and Disease control in different crops through Biocontrol methods (IS) under RKVY Organic Farming programme dated **16- 05-12** organised by FW&ADD, Anuppur.
- Training on (F & FW Off campus) IPM in Kharif Crops dated **15-05-12** at Sinduri village. (OFC).
- Training on Disease control by Bio-methods and its application (IS) under RKVY Organic Farming programme dated **10- 05-12** organised by FW&ADD, Shahdol.
- Training on Disease control by Bio-methods and its application (IS) under RKVY Organic Farming programme dated **09-05-12** organised by FW&ADD, Anuppur.
- Training on Methods of Biopesticides formulation and Insect Control (IS) under RKVY Organic Farming programme dated **30th April - 2nd May, 2012** organised by FW&ADD, Shahdol.
- Training on (F & FW Off campus) Management of Pests in Storage dated **24-04-12** at Sinduri village. (OFC).
- Training on Pest management in koddokutaki crops under nutricereals dated **15-3-12** organized by FWADD, Shahdol (Sponsored).
- Training on Production technology in rabi and zaid dated **3-3-12** farmers of Jaisinghnagar, Shahdol (ONC).
- Training on Pest and disease management in summer paddy crops dated **5-3-12** organized by MRLP, Shahdol (Sponsored).

- Training on (F & FW Off campus) Disease Management in Brinjal crop dated **2-3-12** at Sinduri village (OFC).
- Training/Lecture on Pest management in Rabi crop in Horticulture Exhibition-2012 organized by horticulture department, Shahdol dated **25-2-12** and **26-2-12** at Nagar Palika Auditorium (Sponsored).
- Training on Insect and Disease Control in Maize and Zaid crop under SC/ST ISOPAM training by FWADD, Shahdol to officers dated **23-2-12**(Sponsored).
- Training on Pest management in chickpea, mustard, bottle gourd, wheat and lentil under IIPR, Kanpur programme organized by KVK, Shahdol, dated **13-2-12**(ONC).
- Training on Pest and Disease management in wheat crop of SC/ST farmers under FWADD Shahdol dated **10-2-12** (ONC).
- Training on Rabi Phaslo mein Suraksha karya organized by Farmers welfare and Agriculture Development Department, Shahdol under SC/ST programme for staff officers dated **09-2-12**(ONC).
- Training on Pest management in Rabi crops organized by FWADD Shahdol under KVSK for farmers programme dated **8-2-12 to 9-2-12**(ONC).
- Training on (F & FW Off campus) Disease Management in tomato crop dated **3-2-12** at Sinduri village.
- Training on (F & FW Off campus) Pest and Integrated Disease Management in chickpea crop dated **10-1-12** at Sinduri village.
- Training on Pest and Disease Management in Rabi season crops (cereals and vegetable) dated **6-1-12** to state officer of Agriculture Department, Shahdol (ONC).
- Training on (F & FW Off campus) IPM in brinjal and cruciferous crops at Sinduri village dated **21-12-11**(OFC).
- Training on IPM in pulses crop to RAWA student at Sinduri village dated **30-11-11**(OFC).
- Training on IPM in chickpea and lentil dated **24-11-11**(ONC).
- Training on (F & FW Off campus) IPM in tomato at Sinduri village dated **23-11-11**).
- Training on “Vegetable production through good agricultural practices (GAP)” on **19-23 July 2011**, Sagar (M.P.) on IPM in Vegetable crops sponsored by NHM at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” on **17 March 2011**, Mirzapur (UP) on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **07-11 March 2011**, Srinagar (J&K) on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **26-02 March 2011**, Jammu (J&K) on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **21-25 February 2011**, Uttarakhand on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.

- Training on “Vegetable production through good agricultural practices (GAP)” from **07-11 February 2011**, Buxor, Bihar on IPM in Vegetable crops sponsored by ATMA at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **01-05 February 2011**, Monga, Punjab on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **25-29 January 2011**, Jhansi, U.P. on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **18-22 January 2011**, Sonipat, Haryana on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Vegetable production through good agricultural practices (GAP)” from **10-15 January 2011**, Jhansi, U.P. on IPM in Vegetable crops sponsored by NHB at IIVR, Varanasi.
- Training on “Integrated vegetable production on vegetable crops” from **16-20 September 2008** sponsored by KVK, Gopiganj, Bihar on IPM in Vegetable crops.
- Training on Honeybee rearing and production from **29 September to 3 October 2008** sponsored by Agriculture Technology Management Agency (ATMA) under planning of self help group at different villages like Marue, Pindra; Veerapatti, Harahuwa; Marue, Itahi; Araziline and Katari, Cholaapur, Varanasi district.
- Training on Integrated pest and disease management in vegetable crops from **14-21 October 2008** sponsored by Deptt. of Agricultural & Cooperation, Ministry of Agriculture, Govt. of India, New Delhi on mass production of *Trichogramma* and production of bioagents.
- Training on Honeybee rearing and production from **19-22 December 2008** sponsored by Agriculture Technology Management Agency (ATMA) under planning of self help group at different villages like Marue, Vittalpur; Kotawa, Varanasi.

Attended Village Level Programme

- Kisan Sabha from 1st - 30th March-2016 at Naigarhi Block in different panchait, Rewa.
- Krishi Mahottasaw from 25th May - 15th June-2015 at Naigarhi Block in different panchait, Rewa.
- Krishi Mahottasaw from 25th Sep. - 20th Oct.-2014 at Naigarhi Block in different panchait, Rewa.

Celebration of Important Day in Every Year

- World Honeybee Day.
- Parthenium Eradication Week.
- Forest Festival Day.
- World Environment Day.
- World Forest Day.
- Agriculture Education Day.

Technical Bulletin

1. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. Mishra M. K. and Singh S (2018). Arhar ki unnat krishi taknik. pp. 01-10, KVK, Rewa.
2. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. Mishra M. K. and Singh S. (2018). Urad utpadan ki unnat kheti. pp. 01-11, KVK, Rewa.
3. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. Mishra M. K. and Singh S. (2018).Soybean utpadan ki unnat taknik. pp. 01-06, KVK, Rewa.
4. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. and Mishra M. K. (2018).Arhar utpadan taknik. pp. 01-09, KVK, Rewa.
5. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. and Mishra M. K. (2018).Moong utpadan ki unnat taknik. pp. 01-13, KVK, Rewa.
6. Tiwari B. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Baghel K. S., Singh S. and Mishra M. K. (2017).Beej uttpadan taknik. pp. 01-47, KVK, Rewa.
7. Tiwari B. K., Singh N., Singh R., Singh C. J., **Kumar Akhilesh**, Patel A. K., Baghel K. S., Singh S., Mishra M. K. and Dharmendra (2016).Alsi ki unnat Krishi taknik. pp. 01-10, KVK, Rewa.
8. Pandey A. K. and **Kumar Akhilesh** (2016).Impact of knowledge of soybean growers on adoption of improved production technology: Does demonstration make any difference? Eds. by Rao S. K., Nahatakar, S. B. and Thomas M., MP-JICA Project, JNKVV, Jabalpur. Pp. 1-34. (Contributors).
9. Singh N., Singh R., Patel A. K., Baghel K. S., **Kumar Akhilesh**, Singh S., and Mishra M. K. (2015). Jalwaiu parivartan ki isthiti mein upyukat phaldar paudhey avam unki ropad taknik. pp. 1-32, KVK, Rewa.
10. Patel A. K., Pandey A. K., Singh N., Singh R., **Kumar Akhilesh**, Singh S., Baghel K. S., Singh R, and Mishra M. K. (2015). Krishi ki unnat taknik. pp. 1-37, KVK, Rewa.
11. Pandey A. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Singh S., Baghel K. S., Mishra M. K. and Singh R. (2014). Aushdhiya phaslo ki unnat taknik. pp. 1-52, KVK, Rewa.
12. Pandey A. K., Singh N., Singh R., Patel A. K., **Kumar Akhilesh**, Singh S., Baghel K. S., Mishra M. K. and Singh R. (2014).Grishmkalin sabjeeyo ki unnat taknik. pp. 1-28, KVK, Rewa.
13. **Kumar Akhilesh**, Pandey A. K., Singh N., Singh S., Singh R., Baghel K. S., Singh R, Patel A. K. and Mishra M. K. (2014).Phaslo mein beejotpadan taknik. pp. 1-32, KVK, Rewa.
14. **Kumar Akhilesh** and Singh M. (2013).Sabjiyon mein samanawit keet prabandhan.pp. 1-26, KVK, Shahdol.
15. **Kumar Akhilesh** and Singh M. (2012).Varshakalin sabjyon mein ekkikrit keet

prabandhan. Technical Bulletin No.-1, pp. 1-08, KVK, Shahdol.

16. Shivalingaswamy T.M.S. and **Kumar Akhilesh** (2002). Chhayankan avam aavaran, Baigon ka tana avam phal vedhak keet (Niyantaran ke surakchhit, saste avam prabhavi upay) by *Subrat Satpathy* and *Samarjit Rai*, Technical Bulletin-8, pp. 1-12, IIVR, Varanasi.

Extension Folder in Hindi

1. Tiwari B. K., Singh N., Singh R., Singh C. J., **Kumar Akhilesh**, Patel A. K., Baghel K. S., Singh S., Mishra M. K. and Dharmendra (2016). Masoor ki unnat taknik. pp. 01-04, KVK, Rewa.
2. Singh R., Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Pyaj ki labhkari kheti. pp. 1-3, KVK, Rewa.
3. Pandey A. K., **Kumar Akhilesh**, Baghel K. S., Singh S., and Singh N., (2016). Arhar ki ropa vidhi se vipul utpadan ley. pp. 1-3, KVK, Rewa.
4. Pandey A. K., Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Urd ki labhkari kheti. pp. 1-3, KVK, Rewa.
5. Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Haldi ki labhkari kheti. pp. 1-3, KVK, Rewa.
6. Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Adrak ki unnat kheti. pp. 1-3, KVK, Rewa.
7. Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Lemongrass ki labhkari kheti. pp. 1-3, KVK, Rewa.
8. Singh N., Baghel K. S., Singh S., **Kumar Akhilesh** and Mishra M. K. (2016). Lahsoon ki labhkari kheti. pp. 1-3, KVK, Rewa.
9. **Kumar Akhilesh**, Baghel K. S., Singh S., and Singh N. (2015). Arhar ki ropa vidhi se vipul utpadan ley. pp. 1-3, KVK, Rewa.
10. **Kumar Akhilesh**, Singh M. and Sharma A. (2013). Baigon ki phasal mein samnawit keet prabandhan. Ext. Folder ATMA & KVK, Shahdol.
11. **Kumar Akhilesh**, Sharma A. and Singh M. (2013). Dalhani sabjiyo mein keet prabandhan. Ext. Folder ATMA & KVK, Shahdol.
12. Singh M., **Kumar Akhilesh** and Sharma A. (2013). Patta gobhi ki unnat kheti. Ext. Folder ATMA & KVK, Shahdol.
13. Sharma A., **Kumar Akhilesh** and Singh M. (2013). Makkey se bane poshak aahar. Ext. Folder ATMA & KVK, Shahdol.
14. Sharma A., **Kumar Akhilesh** and Singh M. (2013). Gramin anchal ke liye mahuwa ek vardan vrichh. Ext. Folder ATMA & KVK, Shahdol.
15. Sharma A., **Kumar Akhilesh** and Singh M. (2012). Aonla ka mulaysawardhan. Ext. Folder No. 5. KVK, Shahdol.
16. **Kumar Akhilesh**, Sharma A. and Singh M. (2012). Kaddu vargiya sabjiyon mein nashijev prabandhan. Ext. Folder No. 4. KVK, Shahdol.
17. Sharma A., **Kumar Akhilesh** and Singh M. (2012). Bhojya resha ka dainik ahar

- mein mahattaw. Ext. Folder No. 3. KVK, Shahdol.
18. **Kumar Akhilesh**, Sharma A. and Singhai N.K. (2012).Dhan mein samanwit keet prabandhan.Ext. Folder No. 2. KVK, Shahdol.
 19. **Kumar Akhilesh** and Singh M. (2012).Tamatar ki phasal mein smakit keet prabandhan. Ext. Folder No. 1. KVK, Shahdol.

Participation in Training Programmes

- 21 days **Winter School** on “Microbial based interventions for sustainable pest management and improving soil health” (**Sep 05 – Sep 25, 2018**), ICA-IIPR, Kanpur, UP.
- Training course on “Quarantine Pest Detection and Identification” (**April 04 – April 24, 2017**), NIPHM, Hyderabad.
- Advance Training course on “Ecologically Based Pest Management for Quality Food Production” (**Oct. 15 – Nov. 04, 2015**), CAFT, CCSHAU, Hisar, Haryana.
- Orientation course on “IPM in Important Crops with Special Reference to MP, CG and Odisha” (**April 16-17 2015**), ZPD, Zone-VII, JNKVV, Jabalpur.
- Training on “Application of PRA tools in Agricultural Extension” (Feb. 18-21 2013), JNKVV, Jabalpur.
- Winter School on “Marker assisted breeding in vegetable crops” (**Dec. 01-21 2009**), IIVR, Varanasi.
- Training on “GC and HPLC Techniques” (**March 05-09 2007**), TERI, New Delhi.
- Winter School on “Emerging trends and strategies for management of pests and diseases in vegetables crops” (**Dec. 01-21 2006**), IIVR, Varanasi.
- Training on “Using GLC for analysis of pesticide residues in vegetable crops” (**Dec. 05-09 2005**), IIHR, Bangalore.
- Training Programme on “Integrated pest and disease management” (**Mar. 11-14, 2003**), IIVR, Varanasi.
- National Training Course on "Mass production technology of biological control agents", (**Feb. 10-19, 2003**), NCIPM, Pusa, New Delhi.
- “State level collaborative training course on vegetable production technology”, (**Mar. 04-08, 2002**), IIVR, Varanasi.
- “IPM Training on vegetable crops”, (**Apr. 28 - May 06, 2000**), IIVR, Varanasi.
- Training Programme on “Integrated disease management in horticultural crops” (**Sept. 01- 06, 1997**), IIHR, Bangalore.

Participation in Symposium/Seminar/Conference

- 21st Indian Agricultural Scientist and Farmers Congress held on “Prospect of rural prosperity and income security of farmers on the occasion of Kumbh Mela-An important step towards making new India”, **February 16-17, 2019** at BRIAT,

Allahabad.

- Agrivision-19 held on “Integrated agriculture-Prosperous Bharat”, **January 28-29, 2019** at NASC, ICAR, New Delhi.
- AABHA held on “International Seminar on GPA Education and Research”, **December 22-24, 2018** at IAS, BHU, Varanasi, India. Pp. 146.
- Agrivision-2018 on “3rd National Convention on “Resource conservation for sustainable agriculture and food security”, at NASC, Pusa, New Delhi (**March 24-25, 2018**).
- 20th Indian Agricultural Scientist and Farmers Congress held on “Recent need based and Eco-friendly technologies for doubling farmers income”, at BRIAT, Allahabad (**February 17-18, 2018**).
- National symposium on “Challenges and opportunities: Management of plant diseases under weather change & Central zone meet of IPS-2017”, at JNKVV, Jabalpur-IPS, New Delhi, (**December 14-15, 2017**).
- National Conference on “Food and nutritional security through Vegetable crops in relation to Climate change (NCVEG-17)”, at IIVR, Varanasi, UP (**December 09-11, 2017**).
- 19th Indian Agricultural Scientist and Farmers Congress held on “Prospect of green economy and value addition technology”, at BRIAT, Allahabad (**February 18-19, 2017**).
- National symposium on “Eco-friendly approaches for plant disease management: Recent trends and opportunities”, at ICAR-IIPR, Kanpur (**December 29-30, 2016**).
- National Conference on “Multi disciplinary aspect of plant identification & conservation”, at Govt. TRS (Darbar) College, Rewa (**September 24-25, 2016**).
- 18th Indian Agricultural Scientist and Farmers Congress held on “Prospect of skill development in agriculture and rural development-A step towards make in India”, at BRIAT, Allahabad (**February 20-21, 2016**).
- Agrivision-2016 on “1st National Convention on “Challenges in Indian Agriculture & Future Strategies for Sustainability”, at JNKVV, Jabalpur (**February 13-14, 2016**).
- 17th Indian Agricultural Scientist and Farmers Congress held on “Agri-Innovation for Enhancing Production & Rural Employment”, at BRIAT, Allahabad (**February 21-22, 2015**).
- National Seminar on Challenges and Opportunities for Agricultural Crop Productivity under Climate Change, at JNKVV College of Agriculture, Rewa (**September 21-22, 2014**).
- 9th National Conference held on Current Trends and Future Challenges organized by Dept. of Botany & Biotechnology, at Govt. New Science College, APS University, Rewa (**April 26-27, 2014**).
- 16th Indian Agricultural Scientist and Farmers Congress held on “Nanobiotechnological Approaches for Sustainable Agriculture & Development” Bioved Research Society, at Integral University, Lucknow (**February 22-23, 2014**).
- International Seminar (In Hindi) on “Vishaw ki pragti mein Vigyan tatha prodyogiki

- ka yogdan” organized by DESIDOC, DRDO, Metcalfe House, Delhi.**(December 05-07, 2013).**
- 15th Indian Agricultural Scientist and Farmers Congress held on “Agriculture and Global Climate Change” Bioved Research Society, at BRIAT, Allahabad **(February 22-24, 2013).**
 - 13th Indian Agricultural Scientist and Farmers Congress on “Sustainable Developmental Strategies for Food Security, Bio-diversity and Livelihood Security” Bioved Research Society, Bioved Research Society, at BRIAT, Allahabad **(February 19-20, 2011).**
 - International Conference on “Managing Sustainable Development of Rural Economy and Agri Business” organized by ICONBHU, Varanasi **(January 21-23, 2011).**
 - National seminar on “Higher Education and Sustainable Development : Emerging Challenges and Mahamana’s Vision” organized by BHU, Varanasi **(December 24-25, 2010).**
 - 5th National BHU Alumni Meet **(December 24-25, 2010).**
 - 12th Indian Agricultural Scientist and Farmers Congress held on “Food Security in Changing Climate”, Bioved Research Society, at BRIAT, Allahabad **(February 20-21, 2010).**
 - International seminar on “Higher Education : Global perspective and Indian Vision” organized by BHU, Varanasi **(December 25-27, 2009).**
 - 4th International BHU Alumni Meet **(December 25-27, 2009).**
 - National seminar on “R&D Priorities for Transformation of Indian Agriculture” **(January 05-06, 2008)**, I.A.Sc., BHU, Varanasi.
 - 3rd International BHU Alumni Meet **(January 6-7, 2007).**
 - International seminar on “Education in the 21st century and Mahamana’s Vision” organized by BHU and Mahamana Malaviya Mission **(January 6-7, 2007).**
 - National Symposium on “Molecular breeding in crop plants” **(March 20-21, 2006)**, IIVR, Varanasi.
 - National Symposium on "Recent advances in integrated management of brinjal shoot and fruit borer ", **(October 03-04, 2005)**, IIVR, Varanasi.
 - National Symposium on "Harnessing heterosis in crop plants", **(March 13-15, 2004)**, ISVS, ICAR and IIVR, Varanasi.
 - National Symposium on "Pulses for crop diversification and natural resource management", **(December 20-22, 2003)**, ISPRD, IIPR, Kanpur.
 - National Symposium on “Biodiversity management for the 21st Century”, **(June 28-30, 2003)**, SPESD and Dept. of Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.
 - National Symposium on "Krishi chhetra mein vashavikaran ke avasar avam chunautiya", **(January 17-19, 2003)**, Bhartiya Krishi Anusandhan Samiti, Karnal and JNKVV, Jabalpur.
 - National Symposium on “Sustainable pest management”, **(January 02-04, 2003)**,

SPESD and Deptt. of Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.

Participation in Workshop

- Participated in Workshop on “Warehousing Development and Regulatory Authority”, organized by ATARI, at DES, Jabalpur (**Dece 14, 2016**).
- Participated in Workshop on “Maximization of Soybean production in MP”, organized by DRS, Jabalpur in association with MP-JICA project at JNKVV, Jabalpur (**Nov 26, 2016**).
- Participated in Workshop on “Consultation on Safety Assessment of GM Food Crops”, organized by DBT, Govt. of India in association with Biotech Consortium India Limited, New Delhi, held at IIVR, Varanasi (**January 12, 2007**).
- Participated in Workshop on “Impact of vegetable research in India”, (**March 01-02, 2002**), NCAP, Pusa, New Delhi and IIVR, Varanasi at IIVr Varanasi.
- Participated in XV Group Meeting on AICRP (VC) organized by IASc, BHU, Varanasi and PDVR, Varanasi (**March 25-28, 1996**).

Important assignment

- Actively participated in Voter Awareness Programme in Vidhansabha and Loksabha, 2018-2019.
- Participation in different programme organized by NSS at CoA, Rewa.
- Actively participated in Swachh Bharat Mission Programme.
- Paper Setted for M. Sc. Ag. II Semster Productive Entomology in the Bundelkhand University, Jhansi dated 18th Feb., 2018.
- Evaluation of answer book of B. Sc. (Ag) Entomology (AENT-5121) of IGKVV, Raipur (CG) year-17.
- External Examiner for B.Sc. (Ag.) VIIth semester Non insect pest of farm animal and plant disease vector in the Zila parishad college, Banda (UP) affiliated with Bundelkhand University, Jhansi dated 29th Jan., 2017
- External Examiner for B.Sc. (Ag.) IVth semester Economic Entomology in the Atarra Post Degree College Atarra, Banda (UP) affiliated with Bundelkhand University, Jhansi dated 28th Jan., 2017
- Paper Setted for M. Sc. Ag. I Semster Agricultural Entomology in the Bundelkhand University, Jhansi dated 15th Oct., 2016.
- External Examiner for B.Sc. (Ag.) IVth year Economic Entomology in the Atarra Post Degree College Atarra, Banda (UP) affiliated with Bundelkhand University, Jhansi dated 08th Feb., 2016
- Paper Setted for M. Sc. Ag. I Semster Agricultural Entomology in the Bundelkhand University, Jhansi dated 20th Oct., 2015.
- Evaluation of answer book of M. Sc. (Ag) Entomology at JNKVV, Jabalpur (MP) year-2014-15 - to continue.

- Worked as Presiding officer in Lok Sabha Election-14, Rewa.
- Worked as Presiding officer in MP Vidhan Sabha Election -13, Rewa.
- External Examiner for B.Sc. (Ag.) IIIrd year Agril. Entomology in the Smt. Amrit Kunwar Degree College Atrakalan, Jalaun affiliated with Bundelkhand University, Jhansi dated 06th May, 2013.
- Paper Setted for M. Sc. Ag. II Semester Entomology in the Bundelkhand University, Jhansi dated 28th March, 2013.
- External Examiner for B.Sc. (Ag.) IIIrd year Agril. Entomology in the Zila Parishad Krishi Mahavidyalaya, Banda affiliated with Bundelkhand University, Jhansi dated 14th April, 2011.
- External Examiner for B.Sc. (Ag.) IVth year Plant Protection and Storage Entomology at Brahma Nand College, Rath, Hamirpur affiliated with Bundelkhand University, Jhansi dated 13th April, 2010.
- Paper Setter and Examiner for B.Sc. Hort. IIIrd year Entomology in the C.S. Azad University of Agril. & Technology, Kanpur dated 30th December, 2009.
- External Examiner for B.Sc. (Ag.) IIIrd year Agril. Entomology in the Brahma Nand College, Rath, Hamirpur affiliated with Bundelkhand University, Jhansi dated 14th - 15th February, 2009.
- External Examiner for B.H.Sc. Home Science IIIrd year Plant Pathology and Household Entomology in the Brahma Nand College, Rath, Hamirpur affiliated with Bundelkhand University, Jhansi 14th February, 2009.
- External Examiner for M.Sc. (Ag.) Previous Agril. Entomology in the Brahma Nand College, Rath, Hamirpur affiliated with Bundelkhand University, Jhansi dated 14th April, 2008.
- External Examiner for B.Sc. (Ag.) IIIrd year Agril. Entomology in the Nehru College, Lalitpur affiliated with Bundelkhand University, Jhansi dated 12-13th April, 2008.
- Director, IIVR assigned me to verify the facts about extra ordinary plant growth of coriander plant at Village - Chargaion, Distt. Chandrapur, Maharashtra. I went there and measured the plant characters and reported to authority on 19.05.2007.
- Worked as Presiding officer in Lok Sabha Election-98, Varanasi, UP.
- Worked as polling officer in Lok Sabha Election-96, Varanasi, UP.

Developed Demonstration Unit

To developed tunnel for nursery crops under ATMA Project for demonstration purposes at KVK, Shahdol.

Member of different committees

- Member of different committee of KVK, Rewa.
- Member of Antiragging Committee, CoA, Rewa (2014-15 & 2015-16).

- Member of Dicipinary Action Committee made by Dean, CoA, Rewa.
- Member of Inspection Committee made by Dean, CoA, Rewa.
- Member of Publication Committee of Krishi Vigyan Kendra, Rewa.
- Member of Vehicle Committee of Krishi Vigyan Kendra, Rewa.
- Member of publication committee, KVK, Shahdol.
- Member of spot purchase committee, KVK, Shahdol.
- Member of vegetable expo committee for Hindi Rajbhasa Meeting at The Gateway Hotel Taj, Varanasi on 4th February, 2011.
- Member of Security Cell, IIVR, Varanasi from 21.06.2010 to 31.03.2011.
- Member of Technical Session for Farmers-Scientist and Press Seminar by Mobilizing Mass Media support for sharing information under NAIP (ICAR) at Chandwak, Jaunpur from 13th March, 2010.
- Member of Advt. and card distribution committee for Farmers-Scientist and Press Seminar by Mobilizing Mass Media support for sharing information under NAIP (ICAR) at Chandwak, Jaunpur from 13th March, 2010.
- Chairman of Security Committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi on 30-31st January 2010.
- Member of printing and distribution of invitation card committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi on 30-31st January 2010.
- Member of Food Committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi on 29 - 30th January 2009.
- Member of printing and distribution of invitation card committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi on 29 - 30th January 2009.
- Security and parking of vehicle committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi on 29 - 30th January 2009.
- Chairman of Security Committee for Guest House Inaugural Ceremony on 26th February, 2009.
- Member of Invitation Committee for Guest House Inaugural Ceremony on 26th February, 2009.
- Chairman of Security committee for KVK (IIVR), Sant Ravidas Nagar, foundation stone laying function on 27th February, 2009.
- Member of different enquiry committee.
- Member of Food Committee in selected progressive farmers of Purnia district being sponsored by ATAMA, Purnia during 2-7th March, 2008.
- Member of Food Committee in selected progressive farmers of Varanasi district under District Horticulture Mission and sponsored by DHO, Varanasi during 12-17th March, 2008.

- Member of Food Committee in selected progressive farmers of Varanasi district under District Horticulture Mission and sponsored by DHO, Varanasi during 26 - 31st March, 2008.
- Security and parking of vehicle committee for the XXIII Annual Group Meeting of AICRP-NSP (Crops) organized at IIVR from 20th May to 1st June, 2008.
- Member of food committee for smooth conduct of the review meeting on progress of Bt brinjal LST to be held on 17th May 2008.
- Member of printing and distribution of invitation card committee for foundation day of IIVR, Varanasi on 17th October 2008.
- Member of printing and distribution of invitation card for XIX meeting of ICAR Regional Committee meeting No. IV comprising of states of UP, Bihar and Jharkhand held at IIVR, Varanasi during 21-22nd November 2008.
- Member of accommodation and stay arrangements for XIX meeting of ICAR Regional Committee Meeting No. IV comprising of states of UP, Bihar and Jharkhand held at IIVR, Varanasi during 21-22nd November 2008.
- Member of Invitation committee for foundation day function on 28 Sept., 2006 and 2007.
- Member of Invitation committee for guest house foundation stone laying function on 19th April, 2006.
- Transport, publicity and reception committee for celebration of Institute Foundation Day, 28th September 2004 & 2005.
- Incharge and member of Vehicle committee for the year 2005.
- Registration, transport & reception, accommodation for VIPs committee for celebration of National Symposium on BSFB, 03 - 04th October 2005.
- Member of printing and distribution of invitation card committee for Rashtriya Sabjee Kisan Mela of IIVR, Varanasi from 2003 – 2008.
- Member of publication and information committee in National Symposium on “Sustainable pest management”, (Jan. 02-04, 2003), SPESD and Deptt. of Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.
- Member of registration committee in National Symposium on “Sustainable pest management”, (Jan. 02-04, 2003), SPESD and Deptt. of Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.
- Member of publication and information committee in National Symposium on “Biodiversity management for the 21st Century”, (June 28-30, 2003), SPESD and Dept. of Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.
- Member of registration committee in National Symposium on “Biodiversity management for the 21st Century”, (June 28-30, 2003), SPESD and Dept. of

Entomology and Agril. Zoology, I.A.Sc., BHU, Varanasi.

- Exhibition of various stalls in Rashtriya Sabji Kisan Mela, 2003 to 2007.
- Exhibition of various stalls in Regional level science & technology demonstration at Varanasi, 25-26 February, 2003.
- Registration committee for IDM and IPM training programme, 11-14 March, 2003.
- Exhibition organization committee for India International Trade Fair, New Delhi, 2000, 2001, 2002.
- Registration committee for vegetable production, IPM and post harvest training, 26-29 December, 2001.
- Exhibition and field visit committee for Kisan Mela, 1996 to 2002.

Transfer of technology

- Delivered more than 2000 lectures on different aspects of insect pest management in crops during farmers training and kisan gosthi from 01.11.2011-till date.
- Delivered more than 200 lectures on different aspects of insect pest management in vegetable crops during farmers training and kisan gosthi from 04.04.1996-31.03.18.
- Under different inhouse and externally funded projects IPM various technologies were demonstrated in the farmers' field Varanasi region, and many other districts of U.P. and surrounding states.
- Technology dissemination to farmers through radio and television.
- Participate in various field days and farmers fairs organized by Institute and other related organizations including IITF, Agro-Expo etc.
- IPM news published in the newspapers and magazines for wider dissemination of technologies periodically.
- Advice to farmer's on IPM in vegetable crops.

Radio Talk

- Bhetvarta – Mirch mein rog prabandhan. All India Radio, Rewa (MP), 14th Nov., 2017.
- Bhetvarta – Ganna phasal mein keet prabandhan. All India Radio, Rewa (MP), 7th June, 2017.
- Bhetvarta – Rabi ki phaslo mein beejoupchar. All India Radio, Rewa (MP), 7th Oct., 2016.
- Bhetvarta – Kechuwa khad ka poshak mahattaw. All India Radio, Rewa (MP), 31st March, 2016.
- Live phone-in-talk on Kaddu vargiya sabjiyon ki unnat kheti se kaise labh, Hello kisanvarni karyakram, All India Radio, Shahdol (MP), 2nd April, 2013.

- Live phone-in-talk on Kaddu vargiya sabjiyon ki unnatsheel kismet avam adhik utpadan kaise mile, Hello kisanvarni karyakram, All India Radio, Shahdol (MP), 18th June, 2012.
- Live phone-in-talk on Sbjijon mein keet vyadhi niyantran, Hello kisanvarni karyakram, All India Radio, Shahdol (MP), 23rd February, 2012.
- Batcheet – Keet niyantran hetu krishi kriyaein. Gaon ki yor karyakram, All India Radio, Varanasi, 22nd April, 2011.
- Batcheet – Jaivik vidhi se mircha mein keet niyantran. Gaon ki yor karyakram, All India Radio, Varanasi, 6th December, 2010.
- Batcheet – Gobhi vargiya sabjee mein keet niyantran. Gaon ki yor karyakram, All India Radio, Varanasi, 17th August, 2010.
- Batcheet – Tamatar mein krishi raksha karya. Gaon ki yor karyakram, All India Radio, Varanasi, 22nd January, 2010.
- Batcheet – Mirch kii phasal mein me samayik karya. Gaon ki yor karyakram, All India Radio, Varanasi, 10th September 2009.
- Batcheet – Sabjion ki nursery avam isme keet niyantran. Gaon ki yor karyakram, All India Radio, Varanasi, 29th May 2009.
- Batcheet – Mircha ki phasal mein krishi raksha karya. Gaon ki yor karyakram, All India Radio, Varanasi, 17th January 2009.
- Batcheet – Krishi rasayano ke prayog mein sawdhaniya, Gaon ki yor karyakram, All India Radio, Varanasi, 12th August 2008.
- Batcheet – Jaivik vidhi se sabjion mein keet niyantana, Gaon ki yor karyakram, All India Radio, Varanasi, 12th March 2008.
- Batcheet – Paatgobhi ki kheti, Gaon ki yor karyakram, All India Radio, Varanasi, 28th November 2007.
- Batcheet – Kharif mein sabjion ki nursery kaise tayar karein. Gaon ki yor karyakram, All India Radio, Varanasi, 16th June 2007.
- Batcheet – Mirch ki phasal mein krishi raksha karya. Gaon ki yor karyakram, All India Radio, Varanasi, 22nd January 2007.
- Batcheet – Sabjeeyo ke nursery ke keet avam inka niyantran. Gaon ki yor karyakram, All India Radio, Varanasi, 30th May 2006.
- Batcheet - Baigon ke pramukh keet avam niyantran. Gaon ki yor karyakram. All India Radio, Varanasi, 27th December 2005.
- Batcheet - Sabjeevo ki phasal mein dekhbhal. Gaon ki yor karyakram, All India Radio, Varanasi, 18th May 2005.
- Naya Daur, Naie Batein. Kisanvani karyakram, All India Radio, Obra, 3rd and 10th December, 2004.
- Naya Daur, Naie Batein. Kisanvani karyakram, All India Radio, Obra, 5th, 12th, 19th and 26th November, 2004.
- Aaj ki Khabre. Kisanvani karyakram, All India Radio, Obra, 8th, 15th, 22nd and 29th October, 2004.

- Naya Daur, Naie Batein. Kisanvani karyakram, All India Radio, Obra, 3rd, 10th, 17th and 24th September, 2004.
- Naya Daur, Naie Batein. Kisanvani karyakram, All India Radio, Obra, 6th, 13th, 20th and 27th August, 2004.
- Varta – Mooli ki kheti se adhik amdani kaise. Gaon ki yor karyakram, All India Radio, Varanasi, 18th August, 2004.
- Varta - Sabjee ki phasal mein krishi raksha karaya. Gaon ki yor karyakram, All India Radio, Varanasi, 6th February 2003.
- Baat cheet - Keet niyantran mein sawadhaniya. Gaon ki yor karyakram, All India Radio, Varanasi, 28th February 2002.

T.V. Talk

- IPM in Pea crop. Annadata Kayakram, ETV, Bhopal, MP, , 2016.
- Live talk on Pest Management in Agri-Horti Crops at JNKVV-KVK, Rewa organised by Bhopal Doordarshan, Bhopal, May, 2015.
- IPM in Cucurbitaceous crops. Annadata Kayakram, ETV, Bhopal, MP, , 2015.
- Pest management in Green gram. Annadata Kayakram, ETV, Bhopal, MP, , 2015.
- IPM in Brinjal. Annadata Kayakram, ETV, Bhopal, MP, , 2014.
- IPM in Tomato. Annadata Kayakram, ETV, Bhopal, MP, 2013.
- Tamatar avam arhar mein ekikrit keet prabandhan. Gramya Vikash Karyakram, Varanasi Doordarshan, Varanasi, 21st November, 2001.

Timely Advisory services for benefit of farmers at Mass level

- Kisan Sabha from 1st - 30th March-2016 at Naigarhi Block in different panchait, Rewa.
- Krishi Mahottasaw – 2015 organised by FW & ADD, Rewa dated from 25.05.15 to 15.06.15.
- Krishi Mahottasaw – 2014 organised by FW & ADD, Rewa dated from 25.09.14 to 20.10.14.
- Krishi Vigyan Mela (DPIP) – 2014 organised by FW & ADD, Rewa dated 19-02-14.
- Krishi Vigyan Mela (ATMA) – 2012 organised by FW & ADD, Anuppur dated 14-06-12 to 16-06 -12.
- Krishi Vigyan Mela (ATMA) – 2012 organised by FW & ADD, Anuppur dated 12-06-12 to 14-06 -12.
- Horticulture Exhibition-2012 organized by horticulture department, Shahdol dated 25-2-12 and 26-2-12 at Nagar Palika Auditorium.
- Farmers fair organized by Agriculture State Department under SC/ST training yojana at Amghore, Jaisinghnagar, Shahdol dated 23-1-12.
- Farmers-Scientist and Press Seminar by Mobilizing Mass Media support for sharing information under NAIP (ICAR) at Chandwak, Jaunpur from 13th March, 2010.

- Rashtriya Sabjee Kisan Mela, at IIVR, Arazilines, Varanasi.
- Rashtriya Baghwani Kisan Mela, March 22-23, 2005 at IIHR, Hesaraghatta, Bangalore.
- State level vegetable seminar/fair, November 4, 2004 at RVMIC, Chandwak, Jaunpur.
- National Veterinary Fair, October 29-31, 2004 at IVRI, Izatnagar, Bareilly.
- Rural science and technology fair, March 25, 2003, at Cholapur block, Varanasi.
- Commissionary level, science and technology fair February 25-26, 2003, at C.M. Anglo Bengali Inter College, Bhelupur, Varanasi.
- India International Trade Fair (IITF), November 14-27, 2002, at Agriculture Pavilion, Pragati Maidan, New Delhi.
- India International Trade Fair (IITF), November 14-27, 2001, at Agriculture Pavilion, Pragati Maidan, New Delhi.
- India International Trade Fair (IITF), November 14-27, 2000, at Agriculture Pavilion, Pragati Maidan, New Delhi.

Undertaking

I, Dr. A. Kumar, certify that the information provided above is true to my knowledge.

Date:

Place: Rewa

(AKHILESH KUMAR)