

CURRICULUM VITAE



Dr. ROHIT RANA

Assistant Professor

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🌐 Rohit Rana

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Field of Specialization

Agricultural Entomology

Joining date of R.K. (PG) College, Shamli : 09/01/2020

Educational Qualifications

Examinations/Degree	Board/University
M. Phil	NA
M. Sc. (Ag.) Entomology	Chandra Shekhar Azad University of Agriculture & Technology, Kanpur
Ph. D. (Ag.) Entomology	Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut
NET	ICAR-ASRB, New Delhi

Awards/ Merits

S. No.	Name of Award/ Honor	Conferred by (Name of Body/Organization, etc.)	Year of Award	Place
1.	Best Poster Presentation Award	Astha Foundation, Meerut	2015	India
2.	Best Oral presentation Award	SAID, Ranchi	2017	Nepal
3.	Young Scientist Award	SARC, Meerut, India	2017	Singapore
4.	Young Scientist Award	SSDAT, Meerut	2020	Thailand

Publications

S. No.	Research Papers
01	Rohit Rana and G. Singh 2016. Efficacy and economics of newer insecticides against yellow stem borer, <i>Scirpophaga incertulas</i> walker in basmati rice. <i>Journal of Plant Development Sciences</i> , 9(1): 35-39.
02	Rohit Rana , G. Singh and S. S. Dhaka 2016. Safety of novel insecticides to natural enemies in basmati rice ecosystem of western Uttar Pradesh. <i>Journal of Plant Development Sciences</i> , 9(2): 145-148.
03	Rohit Rana , Gaje Singh, S.K. Sachan, D.V. Singh, Rajendra Singh and Kamal Khilari 2016. Field screening of basmati rice germplasm against yellow stem borer, <i>Scirpophaga incertulas</i> walker (Pyralidae: Lepidoptera). <i>Progressive Research – An International Journal</i> , 11(3): 345-348.
04	Rohit Rana , Kamal Khilari, Gaje Singh, Mukesh, Sachin Jain, Anuj Bansal and Ashish Dwivedi 2016. Screening of basmati rice germplasm against rice root-knot nematode, <i>Meloidogyne graminicola</i> . <i>Journal of Pure and Applied Microbiology</i> , 10(3): 2261-2265.
05	Rohit Rana , G. Singh, Aditya Kumar Tanwar and Rakesh Kumar 2017. Effect of weather parameters on the infestation of yellow stem borer, <i>S incertulas</i> Walker in basmati rice. <i>Journal of entomology and zoology studies</i> , 5(3): 24-27.

- 06 Rohit Rana, G. Singh and Rakesh Kumar** 2015. A review on the use of nicotine-based insecticides in insect pest management. *Journal of Plant Development Sciences*, 7(6): 539-542.
- 07 Khilari Kamal, Mukesh, Jain Sachin Kumar, Singh Hem and Rana Rohit** 2016. Effect of different date of sowing and temperature on root knot nematode of wheat crop in western Uttar Pradesh, *International Journal of Agriculture Sciences*, 8(40): 1813-1814.
- 08 Yadav, D, Rohit Rana and Leela Wati** (2021). Changes in physico-chemical and biological properties of soil under conservation agriculture-based pearl millet-wheat cropping system. *Frontiers in Crop Improvement*, 9: 902-906 (Special Issue-III August).
- 09 Pradeep Kumar, Gaje Singh, Rohit Rana and Mange Ram** (2015). Evaluation of efficacy of some novel chemical insecticides against stem borer, *Chilo partellus* (swinhoe) in maize. *Journal of Plant Development Sciences*, Vol. 7 (3): 239-242.
- 10 Malik Rohit, Rohit Rana, Prasad, C.S., Kumar, Rakesh and Dwivedi Ashish** (2016). Influence of weather parameters on *Helicoverpa armigera* (Hubner) larval parasitisation by *Camptolitis chloridae* (Uchida) in chickpea ecosystem. *International Journal of Agriculture Sciences*, vol. 8(16): 1280-1282.
- 11 Rohit Malik, Rohit Rana, Rakesh Kumar and Abhishek Bansal** (2016). Efficacy of bio-pesticides for the management of *Helicoverpa armigera* (hubner) in chick pea ecosystem. *Progressive Research – An International Journal*, Vol. 11 (4): 411-413.
- 12 Rakesh Kumar, Neerja Agrawal, Rohit Rana, Sonam Singh Chandel and Ashish Dwivedi** (2016). Evaluation of Toxicity of Botanical and Microbial Insecticides to Egg Parasitoid *Trichogramma chilonis* (Hymenoptera: Trichogrammatidae). *Journal of Pure and Applied Microbiology*, vol. 10(1): 1-7.
- 13 Avdhesh Kumar, Gaje Singh, Rohit Rana and Abhishek Bansal** (2017). Evaluate the toxic effect of plant derived essential oils on wheat grains dam age and adult mortality of *Sitophilus oryzae*. *Progressive Research – An International*, Vol. 12 (1): 48-51.
- 14 Kamal Khilari, Mukesh, Sachin Kumar Jain, Hem Singh and Rohit Rana** (2016). Effect of different date of sowing and temperature on root knot nematode of wheat crop in western Uttar Pradesh. *International Journal of Agriculture Sciences*, Vol. 8 (40): 1813-1814.

Short Communication

1. Pankaj Kumar, Sandeep Kumar, **Rohit Rana**, and S.K. Sachan (2014). comparative efficacy of novel insecticides and bio- pesticides on larval population density of gram pod borer (*Helicoverpa armigera* hubner) on chickpea. *Journal of Plant Development Sciences*, 6(2): 335-338.
2. **Rohit Rana**, Kusum Dwivedi and K. Shanker 2014. Management of *Meloidogyne incognita* infestation in okra (*Abelmoschus esculentus*) with integrated use of oil cakes and bioagents. *Current Advances in Agricultural Sciences*, 6(2): 199-200.
3. Pradeep Kumar, Gaje Singh, Rohit Rana and Mange Ram (2015). Evaluate the efficacy of some novel chemical insecticides on natural enemies in maize. *Journal of Plant Development Sciences* Vol. 7 (3): 279-281.

Review Papers

1. **Rohit Rana, G. Singh and Rakesh Kumar** (2015). A review on the use of nicotine-based insecticides in insect pest management. *Journal of Plant Development Sciences* Vol. 7 (6): 539-542.
2. Yadav, D., Rani, K. and **Rana R.** (2020). Role of conservational agriculture in sustainable farming. *Journal of Plant Development Sciences*, 12(9):507-515.
3. Yadav, D. and **Rana R.** (2020). Transmission of plant virus through arthropod vector. *Journal of Entomology and Zoology Studies*, 8(5): 1934-1939.

Lead Papers

1. Yadav, D. and **Rana, R.** (2021). Impact of tillage practices on insect-pest and their natural enemies in rice-wheat cropping system. International Web Conference on Innovative and Current Advances in Agriculture & Allied Sciences (*ICAAAS-2021*) during 19-21 July

Book Published

1. **Rohit Rana** and Kusum Dwivedi 2017. Okra Root Knot Nematode, *Meloidogyne incognita* An Ecofriendly Management. LAP Lambert Academic Publishing, Germany, ISBN-13: 978-3-659-94744-5.

Popular Articles

1. भंडारित अनाज के कीट एवं उनका प्रबंधन, **प्रसार दूत**, IARI, New Delhi.
2. प्याज व लहसुन के कीट व रोग एवं उनकी रोकथाम, **प्रसार दूत**, IARI, New Delhi
3. मृदा में पाये जाने वाले सूक्ष्मजीवों की गतिविधि पर जुताई प्रणाली का प्रभाव, **राष्ट्रीय कृषि (हिंदी)**

Book Chapters

1. **एकीकृत कीट प्रबंधन**. टिकाऊ कृषि विकास हेतु उन्नत तकनीकियाँ, CATAT, ICAR-IARI, New Delhi, 2018, ISBN: 978-93-83168-38-5.
2. **जैविक खेती**, टिकाऊ कृषि विकास हेतु उन्नत तकनीकियाँ, CATAT, ICAR-IARI, New Delhi, 2018, ISBN : 5-38-83168-93-978

Trainings and online courses

- Successfully completed **6 days** training programme on “**Mushroom Cultivation**” held at MRDC, Department of Plant Pathology, CSAUAT, Kanpur w.e.f. January 12-17, 2015.
- Successfully completed **60 days** training programme conducted under “**Agri-Clinics and Agri-Business Centers Scheme**” of GOI at ACABTC, Muzaffarnagar during 23/07/2015-19/09/2015.
- Successfully completed **eight-week** online course on **Integrated Pest Management** organized by NPTEL, MHRD, Government of India during 2016.
- Successfully completed **14 days** advance training on “**Recent Trends in Agricultural Sciences**” at Department of Horticulture, SVPUAT, Meerut during 19th April to 2nd May 2017.
- Successfully completed with distinction **eight-week** online course on **Integrated Pest Management** organized by NPTEL, MHRD, Government of India during 2017.
- Successfully completed **21 days** training on “**Preparing and management of result-oriented research projects in Agriculture, Horticulture, Animal Science and Allied Sectors**” organized by NADCL, Jammu and Kashmir during 26th May to 15th June 2020.
- UGC Sponsored Online **Faculty Induction Programme (FIP)** from 13 November 2021 to 17 December 2021

Additional information (if Any)

- Incharge “**Rovers and Rangers**” unit at **R.K. (PG) College, Shamli**, w.e.f 17/02/2020.
- Incharge “**Unnat Bharat Abhiyan**” yojna at **R.K. (PG) College, Shamli**, w.e.f 02/06.2020.
- Incharge “**Central Library**” at **R.K. (PG) College, Shamli**, w.e.f 01/06.2021.
- Nodal Officer **ICAR-IARI- VO Programme** at **R.K. (PG) College, Shamli**, w.e.f July2021.
- **Co-organizing secretary** in an international conference GRISAAS-2018 and 2019
- **Organizing secretary** in an International Web Conference GRISAAS-2020 and 2021
- **Organizing secretary** in an international conference ICAAAS-2020 and 2021
- **Chief Editor** in “*Ecofarming*” e-Magazine for agriculture and allied Sciences.
- **Chief Editor** in “*Krishi Lok*” Krishi evam Kisan ke liye e-patrika.
- **Editor** in *Journal of Plant Development Science* (ISSN: 0974-6382) (**NAAS Rating 4.57**)
- **Editor and Reviewer** in *International Journal of Agriculture Sciences* (ISSN: 0975-3710) (**NAAS Rating 4.20**)
- **Editor and Reviewer** in “*Acta Scientific Agriculture*” Journal (ISSN: 2581-365X)
- **Editor** in “*food and scientific report*” Magazine (ISSN: 2582-5437) during 2020-2021.
- **Reviewer** in *International Journal of Entomology and Nematology*” Journal (ISSN: 2326-7262)

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- **Reviewer** in “*Journal of Sugarcane Research*” <http://epubs.icar.org.in/ejournal/index.php/JSR> (NAAS Rating 3.14)
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- **Editor** in Souvenir and Conference Book **GRISAAS 2017** with ISBN No. 81-903964-2-0.
 - **Editor** in Souvenir and Conference Book **GRISAAS 2018** with ISBN No. 978-93-97018-56-3.
 - **Editor** in Souvenir and Conference Book **GRISAAS 2019** with ISBN No. 978-93-88821-26-2.
 - **Editor** in Souvenir and Conference Book **ICAAAS 2020** with ISBN No. 978-93-88821-58-2.
 - **Editor** in Souvenir and Conference Book **GRISAAS 2020** with ISBN No. 978-93-88821-86-5.
 - **Editor** in Souvenir and Conference Book **ICAAAS 2021** with ISBN No. 978-93-91057-31-2.
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