

BIOGRAPHICAL INFORMATION

Dr. Arun Chandra Jha , Ph.D , PLANT PATHOLOGY

Permanent Position

Chief Scientist Cum Professor



Advanced Centre for Rainfed Agriculture, (ACRA) Rakh Dhiansar, Bari-Brahmana-181133, Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu (SKUAST- Jammu), Chatha, Jammu (J&K) Tel. (Office): 01923-220821; M: 7889680532; acraskuastj@gmail.com / arunchandrajha@gmail.com

Correspondence address : Dr. Arun Chandra Jha , Type-3, Block –C, Q.N-5, Residential Complex Main campus Chatha, SKUAST- Jammu ,Pin code-180009

- ACADMIC QUALIFICATION**

1990	B.Sc.(Agriculture) RAU Bihar Pusa Samastipur
1995	M.Sc.(Agriculture) Plant Pathology RAU Bihar Pusa Samastipur
2002	Ph.D, Plant Pathology RAU Bihar Pusa Samastipur

- PROFESSIONAL CAREER**

04 th July2022 to Present	Chief Scientist /Professor Plant Pathology SKUAST-Jammu
04 th July2019to 04 th July2022	Sr. Scientist / Associate Professor Plant Pathology SKUAST-Jammu
04 th July2007 to 04 July2019	Jr. Scientist / Assistant Professor Plant Pathology SKUAST-Jammu

- RESEARCH INTEREST AND EXPERTIES BY KEYWORD**

Management of plant diseases of different crops by bio-logical control method

- KEY SKILL**

Plant disease manage by IDM and organic farming.

- STUDENT GUIDANCE**

Post Graduate in Plant Pathology: 01(As a major advisor)

Co-Advisor/ member advisory committee: 01

- LIST NOT MORE THAN 5 MAJOR ACHIEVENT**

- Acted as a Resource Person (Pathology) in T&V programme at RHRSS, Bhadarwah, Doda from 2007 to 2014
- As Resource Person (Pathology) for District, Doda attend in many Workshops
- Plant Health Consultancy Services established at ACRA-Dhiansar
- Providing strategic leadership at ACRA in strengthening rainfed agriculture research, with focused interventions on ecofriendly approaches viz. organic farming and Bio-control agent against plant diseases in high yielding crop production and natural resource management in the Jammu region.
- Associated as a plant pathologist involved in the production of quality seed (disease free seed of Moong variety viz. Moong1 (1variety), Mash1 (variety) and also involved in production of quality seed (disease free seed) of wheat varieties (PBW-175 and WH1080) at ACRA-Dhiansar

• **LIST NOT MORE THAN 5 BEST PUBLICATIONS IN PAST FIVE YEARS**

(First report in international Newsletter)

- **A.C. Jha**, Reena, A.P. Singh, B.K. Sinha and Sonika Jamwal. Feb. 2020. Number II. Turicum leaf blight- An emerging disease of maize in Jammu and Kashmir. *International Association for the Plant Protection Sciences (IAPPS Newsletter)* No. **II**: 3-4.NAAS Rating – 8.17
- Sonika Jamwal, Anamika Jamwal, **A.C. Jha**, Anil Kumar and Reena (2018) Bakanae (foolish seedling), an emerging disease of rice. *International Association for the Plant Protection Sciences (IAPPS Newsletter)* No. II: 2-3. -NAAS Rating – 8.17
- Reena, Sonika Jamwal, A.P. Singh, B.K. Sinha and **A.C. Jha**. November. 2020. Number II. Mustard aphid and white rust devastating mustard crops. *International Association for the Plant Protection Sciences (IAPPS Newsletter)* No. **XI**: 2-3.NAAS Rating – 8.17
- Reena, Anil Kumar, B.K. Sinha, A. P. Singh and **A. C. Jha**. August 2019. Number VIII. Gall thrips- A serious and devastating pest of *Terminalia chebula* in Jammu region. *International Association for the Plant Protection Sciences (IAPPS Newsletter)* No. VIII, pp. 3-4. NAAS Rating – 7.83
- Reena, J. P. Sharma, B. K. Sinha, **A. C. Jha** and A. P. Singh. November 2019. Number XI. Spectacular damage of fruit- feeding beetles. *International Association for the Plant Protection Sciences (IAPPS) Newsletter*. No. XI. pp. 3-4. NAAS Rating – 7.83

• **LIST 10 BEST PUBLICATIONS IN THE WHOLE CAREER**

- Reena, Gupta, V., Singh, A. P., Kumawat, P. K., Sinha, B. K., Jha, A. C., Jamwal, S., Singh, P., Singh, B., Kumar, J., Sharma, R., Rai, A. P., Sharma, R. and Kumar, V. (2022) Succession of Pea Insect Pests and their Natural Enemies in Rainfed Sub Tropics of Jammu and Kashmir region of N-W Himalayas *Agricultural Mechanization in Asia and Latin America*, **53(08)**: 6061- 6017. (NAAS 2022 Score: 6.14; Journal ID: A093; ISSN: 0084-5841).NAAS (6.14)
- **Jha, A.C.** , Kumar, Anil. , Jamwal, Sonika. , Reena and Jamwal, Anamika (2018). Integrated management of tomato wilt caused by *Fusarium oxysporum f. lycopersici*. Journal of Entomology and Zoology Studies. 2018: 6 (2):1338-1341. . NAAS Rating – 5.53
- **Jha, A.C.**, Jamwal, Sonika, Reena, Kumar, Anil and Singh, Parmendra. 2019. Loss Assessment caused by Economically Important Pea (*Pisum sativum* L.) Diseases and their management in Hills of Doda (Jammu & Kashmir) under field condition. *Int. J. Curr. Microbiol. App. Sci.* **8(5)**: 170-176. NAAS Rating – 5.38
- Sonika Jamwal, Anamika Jamwal, **A.C. Jha**, Reena, Upma Dutta, Anil Kumar, Neeraja Sharma, Sanjeev Kumar and Ajay Kumar (2018) Evaluation of Fungicides, Botanicals and *Trichoderma* spp. against Wilt of Chickpea Caused by *Fusarium oxysporum* f. sp. *ciceri*. *International Journal of Current Microbiology and Applied Sciences* **6(12)**: 1389-1393. NAAS Rating – 5.38
- Sonika Jamwal, Anamika Jamwal, Upma dutta, **A. C. Jha**, Anil Kumar, Reena and Bfrinder Singh (2018). Efficacy of fungitoxicants and bio control agents against *Fusarium oxysporum* f. sp. *Ciceri*. *Int. Journal of Current Microbiology and Applied Sciences* **7(8)**: 4592-4598. NAAS Rating – 5.38
- Reena, S. Jamwal, A. P. Singh, B. K. Sinha, S. Gupta and **A. C. Jha**. 2019. Evaluation of some botanicals against Mustard aphid *Lipaphis erysimi* (Kalt.) *Indian Journal of Entomology*. **82(2)**: 390-392. NAAS Rating – 5.89
- Reena, Singh B, Singh A. P, Sinha B. K, Gupta V and **Jha A. C** 2021. Impact of soil fertility on maize stem borer *Chilo Partellus*. *Indian Journal of Entomology*. 83(1): 67-69. *Indian Journal of Entomology*. 83(1): 67-69. (NAAS-5.89)
- **Jha A. C.** Sonika Jamwal, Reena, Permendra Singh, and A. P. Singh 2022. Integrated Management of Bean Anthracnose Caused by *Colletotrichum lindemuthianum* *J.Mycol.PI.Pathol.* 52(3): 258-260. (NAAS-5.79)
- Sonika Jamwal, Anamika Jamwal, Reena,**A.C,Jha** and Upma Datta 2022. Management of collar rot of lentil caused by *Sclerotium rolfsii* *Res. J. of Chem. Environ. Sci.*. vol10{1}:1-5, ISSN2321-1040 (NAAS-4.17)
- **Jha, A. C**, Srivastava, J.N. and Dutta, Upma. 2014 Yield assessment and evaluation of different fungicides and bio agents on the foliar diseases of tomato under field conditions in hills. *Ecology, Environment and Conservation* .Pune, Maharastra.20(4),pp (1793-1795). (NAAS-5.41)

- **LIST OF PROJECTS IN WHICH PI/CO-PI HAS BEEN WORKING RIGHT NOW. GIVE FOR EACH THE FOLLOWING INFORMATION.**

Name of the project	Experiment on bio control related to Plant protection measures in AICRP-Bio-control at ACRA- Dhiansar, SKUAST-Jammu
Objectives	To demonstration the biocontrol agents for the management of diseases. To improve farmers' income by using ecofriendly management of plant diseases
Working as PI//Co-PI	Co-PI
The objectives/ activities that you are handling (in not more than 5 bullet points)	Plant diseases related to various crops grown in Jammu region viz. Maize, Rice, wheat Chickpea, Urdbean and Moong crops of the project,
Source of funding and total budget for you	AICRP on Biological Control of Crop Pests National Bureau of Agricultural Insect Resources. Funded –Annual budget

Name of the project	All India Coordinated Research Project on Pigeonpea. , Indian Institute of Pulses Research, Kanpur.
Objectives	Evaluation, nipping and spacing on early & medium duration pigeonpea.
Working as PI//Co-PI	Co-PI
The objectives/ activities that you are handling (in not more than 5 bullet points)	Plant diseases related work in Pigeonpea crop grown in ACRA Dhiansar.
Source of funding and total budget for you	IIPR, Kanpur. Funded- Annual badget

Name of the project	All India Coordinated Research Project on Pearlmillet. Jodhpur
Objectives	Released Hybrid and Varietal trial (RHVT)

Working as PI//Co-PI	Co-PI
The objectives/ activities that you are handling (in not more than 5 bullet points)	Plant diseases related work in Pearlmillet crop grown in ACRA Dhiansar
Source of funding and total budget for you	AICRP (Pearlmillet), Jodhpur. Funded - Annual badget.

• **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

- .Life member of Indian Society of Mycology and Plant Pathology Udaipur.(Life member Since2015 years)
- Life member of Society for Integrated Development of Agriculture, Veterinary and Ecological Sciences(SIDAVES)-INDIA(Life member Since2017years)

I hereby solemnly declare that all the statements made above are true and correct to the best of my knowledge.

Signature of the Applicant(s)

Place :

Dated

