PROFILE

Name: **Dr. Hanuman Prasad Chaturvedi**
Current Designation: **Assistant Professor**
E- mail: hpchaturvedi68@gmail.com
hpchaturvedi@nagalanduniversity.ac.in
Contact address: Department of Genetics & Plant Breeding
School of Agricultural Sciences & Rural Development, Nagaland University, Medziphema- 797106
Contact Number: 9436263524, 9862889964
Date of joining the Institution: 02.09.2000

EDUCATIONAL QUALIFICATION:

Degree	**Name of the University**	**Year**	Subject
Ph. D	Nagaland University	2010	Genetics and Plant Breeding
M. Sc. (Ag)	Narendra Dev University of Agriculture & Technology, U. P.	1992	Genetics and Plant Breeding
B. Sc. (Ag)	North Eastern Hill University	1988	Agriculture

ACADEMIC EXPERIENCE:

TRAINING/ADVANCE EXPOSURE IN THE AREA OF WORK:

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- Participated in a training program on **"Metabolite profiling as a selection tool for abiotic and biotic stress tolerance in horticultural crops"** from 26th Nov. to 6th Dec., 2017 at Indian Institute of Horticultural Crops, Bangalore.
- Participated in a training program on "**Genomics and Phenomics Assisted Breeding**" for 21 days organized by Division of Genetics, Indian Agricultural Research Institute, New Delhi.
- Participated in a training program on "**Non- destructive Phenotyping and Phenomics for Dissection of Abiotic Stress Tolerance, Gene Discovery and Crop Improvement**" from 14th to 23rd July, 2014 at Indian Agricultural Research Institute, New Delhi.
- Participated in thematic meeting on "**Application of Radiation Technology and Radioisotope in the field of Agriculture, Food and Health**" from 28th to 30th May, 2014 at Assam Agricultural University, Jorhat, Assam.
- Trained on "**Molecular Marker Development and DNA Fingerprinting for Germplasm Characterization**" as SERB- Visiting Fellow from 19th Nov, 2013 to 18th Feb, 2014 at National Bureau of Plant Genetic Resources, New Delhi.

- Participated in the training program on "**Application of Molecular Markers in Crop Improvement**" from 8th to 19th November 2010 at International Crop research Institute for Semi- Arid Tropics, Hyderabad.
- Participated in the training program on "**Advances in Biometrical Techniques**" from 8th to 28th February, 2008 organized by Indian Agricultural Statistics Research Institute, New Delhi.
- Participated in a laboratory workshop on **Molecular Biology Concepts and Techniques** from Dec. 12-16, 2006 organized by Institute of Life Sciences, Bhubaneswar.
- Participated in a Training Workshop on "**Biosafety Measures for Monitoring of Deliberate and Unintended Release of Transgenic Crops**" from 23rd-29th November, 2006 organized by G B Pant University of Agriculture & Technology.
- Attended UGC sponsored **Refresher Course in Biotechnology** held from 2nd February to 22 February, 2006 organized by University of Hyderabad.
- Attended one day **Patent Awareness Workshop** organized by IPR cell, Assam Agricultural University, sponsored by Department of Science & Technology, Govt. of India, New Delhi on 30th May 2003.

HONORS/ AWARDS:

- DST SERB Visiting Fellowship 2013 for 3 months
- Merit Scholarship during UG and PG Studies
- Vice Chancellor's Gold Medal in M Sc (Ag) NDUAT, Kumarganj, Faizabad
- 2nd position in Poster Presentation Award 2014, HI- TECH HORTICULTURAL SOCIETY
- 3rd position in Poster Presentation Award 2014, HI- TECH HORTICULTURAL SOCIETY

RESEARCH AREAS/ FIELD OF SPECIALIZATION :

Quantitative Genetics

TEACHING AREAS:

Genetics and Plant Breeding

PUBLICATIONS:

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30. Sentimenla, B.D Narzary, S. P. Kanaujia and **H. P. Chaturvedi** 2018. Genetic Variability and Character Association Studies in BhutJolokia(*Capsicum chinense*Jacq.). *Indian Res. J. Genet. & Biotech 10(1): 113-119.*

29. K. Soniasabanam, Ashna Akbar and **H P Chaturvedi** 2018. Genetic Diversity Studies in Soybean [*Glycine max* (L.)Merrill] Genotypes. *Indian Res. J. Genet. & Biotech 10(1): 130-133*

28. Thejazhanuo Lulu Mezhii, Sapu Changkija, A. Pattanayak, **H.P. Chaturvedi**, S. Vimala Devi and Pravas R. Kole. 2017. Genetic Characterization of Locally Cultivated Taro Germplasm from Eleven District of Nagaland. *Int. J. Curr. Microbiol. App. Sci.* 6(8): 3338-3348

27. Rupunga Flory H, S. P. Kanaujia, Akali Sema, C. S. Maiti and **H. P. Chaturvedi** 2017. Genetic Diversity Analysis in Tomato *(Solanum lycopersicum)* Genotypes. *Indian Res. J. Genet. & Biotech 9(3):* 421- 426

26. Zachamo B. Humtsoe, Pankaj Kumar Shah and **H. P. Chaturvedi** 2017. Correlation and path analysis studies among Soybean genotypes under foothill conditions of Nagaland. *Indian Res. J. Genet. & Biotech 9(3):* 397- 404

25. Thejazhanuo Lulu Mezhii, Sapu Changkija and **H. P. Chaturvedi** 2016. Genetic Variability and Character Association Studies in Indigenous Edible Aroids of Nagaland**.** *Indian Res. J. Genet. & Biotech 8(3): 220-227*

24. Imsong B., Malini B. Sharma, Pankaj Shah, **H. P. Chaturvedi** and Kigwe Seyie 2015. Stability Analysis in Nagaland Special Rice Cultivars. International Journal of Recent Scientific Research Vol. 6 (12): 7679- 7683

23. Thejazhanuo Lulu Mezhii, Sapu Changkija and **H. P. Chaturvedi** 2015. Genetic Diversity Analysis in Indigenous Edible Aroids of Nagaland. *Indian Res. J. Genet. & Biotech 7(4): 442- 447*

22. H P Chaturvedi, P Talukdar and Sapu Changkija 2015.Heterosis for yield and Yield Contributing Characters in Rice (*Oryza sativa* L). *Indian Res. J. Genet. & Biotech 7(3): 384* – 388

21. H P Chaturvedi, P Talukdar and Sapu Changkija 2015. Genetic Analysis of Some Agro- morphological Traits in Rice (*Oryza sativa* L) Using Hayman's Graphical Approach. *Indian Res. J. Genet. & Biotech 7(2):* 222 – 226

20. B. Imsong, Malini B. Sharma, Pankaj Shah, **H. P. Chaturvedi** and Kigwe Seyie 2015. Variability Studies in Nagaland Special Rice (*Oryza sativa* L.) Cultivars. *Plant Archives* Vol. 15(1): 255-258

19. Manjai Phom, **H. P. Chaturvedi** and S. P. Kanaujia 2015. Genetic Variability, Character Association and Path Coefficient Analysis in Tomato (*Lycopersicon esculentum* Mill.) genotypes. *Plant Archives* Vol. 15(1): 155-158

18. Subrata Chakraborty and **H. P. Chaturvedi** 2015. Some wild edible genetic resources of vegetables and spices of Tripura. *Indian Res. J. Genet. & Biotech 7(1): 132 – 137*

17. Pankaj Shah, Malini B. Sharma, **H.P. Chaturvedi** and Kigwe Seyie 2015. Strategies to Gear-up Seed Production in North-Eastern Region of India. *Indian Res. J. Genet. & Biotech 7(1): 127 – 129*

16. C. Alem Phom, S P Kanaujia and **H. P. Chaturvedi** 2015. Performance of fenugreek genotypes under foothill condition of Nagaland. *Annals of Horticulture 7(2): 115- 118*

15. C. Amei Phom, S P Kanaujia and **H. P. Chaturvedi** 2014. Performance of various genotypes of pea under foothill condition of Nagaland. *Annals of Plant and Soil Research Vol. 16(4): 285-288*

14. Bendangkumzuk Walling and **H. P. Chaturvedi** 2014. Genetic Diversity in French Bean (*Phaseolus vulgaris* L.) Genotypes of Nagaland. *Indian Res. J. Genet. & Biotech. 6(3): 535-538*

13. Subrata Chakraborty and **H. P. Chaturvedi** 2014**.** Genetic Diversity in Upland Rice (*Oryza sativa* L.) Genotypes of Nagaland. *Indian Res. J. Genet. & Biotech. 6(3) : 470-473*

12. Subrata Chakraborty and **H. P. Chaturvedi** 2014. Some Wild Edible Fruits of Tripura- a Survey. Indian Journal of Applied Research Vol. 4(9):566-569

11. Bendangkumzuk Walling and **H. P. Chaturvedi** 2014. Genetic Variability in French Bean (*Phaseolus vulgaris* L.) Genotypes of Nagaland. Indian Res. J. Genet. & Biotech. 6(2): 397-401

10. Subrata Chakraborty and **H. P. Chaturvedi** 2014. Genetic Variability in Upland Rice (*Oryza sativa* L.) Genotypes of Nagaland. Indian Res. J. Genet. & Biotech. 6(2): 374-378

9. Visakho Shunyu, **H. P.Chaturvedi**, Sapu Changkija, Jogendra Singh 2013. Genetic Variability in Pigeon pea [*Cajanus cajan (L) Millsp.*] Genotypes of Nagaland. Indian Res. J. Genet. & Biotech. 5(3) : 165-171

8. Visakho Shunyu, **H. P.Chaturvedi**, Sapu Changkija, Jogendra Singh 2013. Genetic Diversity in Pigeon Pea [*Cajanus Cajan* (L) Millsp.] Genotypes of Nagaland. IJAIR 2(1): 89-90

7. Chaturvedi, H.P., Talukdar, P. and Changkiza, S. 2011. Genetic Variability in Local Lowland Rice (*Oryza sativa* L.) Germplasm of Nagaland. Environment and Ecology 29(2): 888-891.

6. Chaturvedi, H.P., Talukdar, P. and Changkija, S. 2011. Genetic Divergence in Lowland Rice (Oryza sativa L.) Genotypes of Nagaland. Environment and Ecology 29(1): 27-29.

5. Chaturvedi, H.P., Talukdar, P. and Changkiza, S. 2010. Combining Ability Analysis for Yield and Yield Components in Rice (*Oryza sativa* L.). IJAEB: **3**(3): 279-283.

4. Chaturvedi, H.P., Talukdar, P. and Changkija, S. 2010. Genetic Analysis for Yield Components and Yield in Rice (*Oryza sativa* L.). IJBSM 1(1) (2010), 48-50.

3. Chaturvedi, H.P., Talukdar, P. and Changkiza, S. 2010. Phenotypic Stability for Grain Yield in Lowland Rice (*Oryza sativa* L.) Genotypes of Nagaland. Environment & Ecology 28(2B): 1437-1439.

2. Singh, S. **Chaturvedi, H.P.** and Singh, K.K. 2005. Variability and character association in Mustard and rapeseed. Nagaland University Research Journal Vol. 3: 21-23.

1. Chaturvedi, H.P. and Maurya, D.M. 2005. Genetic divergence analysis in rice (Oryza sativa L.). Advances in plant sciences 18 (1): 349- 353.

- **Conference/Seminar/Symosium Proceeding Papers:**

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1. Chaturvedi, H.P. and Maurya, D.M. (2007). Variability & character association in various rice ecotypes. In: Composite Farming Practices & Economic development (eds. Amod Sharma & Ravishankar Kumar Singh). Abhijeet Publications, New Delhi pp 108- 115.

2. Bendangjungla, I., Chaturvedi,H.P. and Changkiza, S. Genetic Variation in Rice bean: A potential Legume for Nagaland. In: Agricultural Technology Interventions for Socio-Economic Development of Rural Community. TISPAS, Dimapur, Nagaland pp 88-96.

3. S. Naleo, Pauline Alila, C.S.Maiti, L. Hemanta and H. P. Chaturvedi 2018. Morphological variability in passionfruit grown in Nagaland. In: Sustainable Horticulture.Today and Tomorrow's Printers and Publishers, 117-124.

Handling of Research/Development Project/Consultancy

NIL

RESEARCH GUIDANCE:

	Thesis Title	Name of the Student	Degree	Research Guidance	Year
1.	Genetic Diversity in Upland Rice (*Oryza sativa* L.) Genotypes of Nagaland	Mr. Subrata Chakraborty	M. Sc. (Ag)	Supervisor	2013
2.	Genetic Diversity Analysis in French Bean (*Phaseolus vulgaris* L.) Genotypes of Nagaland	Mr. Bendangkumzuk Walling	M. Sc. (Ag)	Supervisor	2014
3.	Studies on Genetic Variability for some Physiological Characters in Chickpea (*Cicer arietinum* L.) Genotypes	Mr. Rubu Challa	M. Sc. (Ag)	Supervisor	2015
4.	Genetic Diversity Analysis in Maize (*Zea mays* L.) Landraces	Ms. Sariel T. Reang	M. Sc. (Ag)	Supervisor	2016
5.	Screening of Soybean (*Glycine max* L.Merrill) genotypes for rust resistance"	Ms Khulakpam Soniasabanam	M. Sc. (Ag)	Supervisor	2017
6.	Genetic evaluation of different genotypes of garden pea (*Pisium sativum*) under foothill condition of Nagaland	Ms. Kisemsala Longkumer	M. Sc. (Ag)	Supervisor	2018
1.	Genetic studies of Soybean (*Glycine max* L. Merrill) under Nagaland conditions.	Ms. Ashna Akbar	Ph.D	Supervisor	Ongoing
2.	Studies on Genotype X Environmental interaction on ricebean (*Vigna umbellata* Thumb. Ohwi and Ohasi.) land races of Nagaland.	Mrs. Martina Shitiri	Ph.D	Co-supervisor	Ongoing
3.	Studies on relationship between Phenomic and Metabolite diversity in Fruit development in Tomato Landraces of North East India	Ms Smarika Thakur	Ph.D	Supervisor	Ongoing

Seminar /Conference Attended: 5

MEMBERSHIP OF PROFESSIONAL BODIES:

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- Life member of Plant Biochemistry and Biotechnology
- Life member of Indian Journal of Plant Genetic Resources
- Life member of Indian Journal of Genetics and plant Breeding
- Life member of Indian Journal of Genetics, Biotechnology Research & Development
- Life member of Journal of Hill Agriculture
- Life member of ORYZA

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(H. P. CHATURVEDI)