

Niranjana Ravindra Thakur

Research Scholar, ICRISAT, Patancheru.

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Objective

Wish to work as a key player in a challenging and creative environment with an esteemed organization.

Skills & Abilities

Agronomy, Genetics and Plant Breeding, Plant Biotechnology, Plant Breeding, Plant Genetics

Educational Qualification

PhD Agriculture

Research Topic - "Identification of genetic factors governing grain Fe and Zn content in Sorghum (*Sorghum bicolor* L.)"

Current CGPA - 8.42/10.00

Major Subjects Studied - Advanced Biometrical and Quantitative Genetics, Genomics in Plant Breeding, Molecular and Chromosomal Manipulation for Crop Breeding, Advances in Crop Biotechnology etc.

Date- From 2019 to
the Present time

MSc Agriculture

Research Topic - "Metroglyph and D² Analysis in Chickpea (*Cicer arietinum* L.)"

CGPA - 7.64/10.00

Major Subjects Studied - Principles of Plant Breeding, Principles of Genetics, Principles of Cytogenetics, Cell Biology and Molecular Genetics, Maintenance Breeding, Concepts of Variety Release and Seed Production, Intellectual Property & its Management in Agriculture etc.

Date- From 2016 to
2019

BSc Agriculture

CGPA - 7.84/10.00

Subjects studied - Agriculture Botany, Agronomy, Horticulture, Entomology and Pathology, Agriculture Economics and Extension Education etc.

Date- From 2012 to
2016

Communications and Scientific Publication

1. Research article:

- i. Borde, S. R., Toprope, V. N., Sonawane, V. G. and **Thakur, N. R.** 2017. Combining Ability Studies in Maintainer Lines of Sunflower (*Helianthus annuus* L.). J. Res. ANGRAU. 45(4) 1-6.
- ii. Jogi, S. R., Toprope, V. N. and **Thakur, N. R.** 2018. Generation mean analysis in okra (*Abelmoschus esculentus* (L.) Moench). Multilogic in Science. 8(25) 39-45.
- iii. **Thakur, N. R.**, Toprope, V. N. and Koppuravuri Sai Phanindra. 2018. Genetic Diversity Analysis in Chickpea (*Cicer arietinum* L.). Int. J. Curr. Microbiol. App. Sci. Special Issue-6: 904-910.
- iv. **Thakur, N. R.**, Toprope, V. N. and Koppuravuri Sai Phanindra. 2018. Estimation of Genetic Variability, Correlation and Path Analysis for Yield and Yield Contributing Traits in Chickpea (*Cicer arietinum* L.). Int. J. Curr. Microbiol. App. Sci. 7(2): 2298-2304.
- v. K. Sai Phanindra, Toprope, V. N. and **Thakur, N. R.** 2018. Mutation studies in Confectionary Sunflower (*Helianthus annuus* L.). J. Res. ANGRAU. 46(2) 15-20.
- vi. **Thakur, N. R.**, Toprope, V. N. and Koppuravuri Sai Phanindra. 2018. Metroglyph analysis for morphological variation in Chickpea (*Cicer arietinum* L.). J. Res. ANGRAU. 46(2) 52-57.
- vii. K. Sai Phanindra, Toprope, V. N. and **Thakur, N. R.** 2018. Effect of Sodium Azide in yield and yield contributing traits of Confectionary Sunflower (*Helianthus annuus* L.). Int. J. Curr. Microbiol. App. Sci. 7(9): 2326-2333.
- viii. Naik G. H., Ghodke M. K., **Thakur N. R.** and Chavan T. A. 2019. Meteroglyph Analysis for Morphological Variation in Sunflower (*Helianthus annuus* L.). Int. J. Curr. Microbiol. App. Sci. 8(9): 2359-2364.
- ix. Bharat. G. B., Wadikar P. B., Dhuppe M. V. and **Thakur. N. R.** 2020. Combining Ability Analysis for Yield and Yield Contributing Traits in Maize (*Zea mays* L.) Hybrids. Int.J.Curr.Microbiol.App.Sci. 9(06): 1234-1241.
- x. Narkhede, G. W., **Thakur, N. R.** and Ingle, K. P. 2021. Studies on combining ability for yield and contributing traits in okra (*Abelmoschus esculentus* L. Moench). Electronic J. of Pl. Bred. Vol 12(2): 403 - 412.
- xi. Dake A. D., Ghodke M. K., **Thakur N. R.** and Salunke P. M. 2021. Study of Combining ability and Gene Action in Sunflower (*Helianthus annuus* L.). Biological Forum - An International Journal. 13(3b): 235-238.
- xii. Shinde, A. V., Deosarkar, D. B., Kalpande, H. V., Thakur, N. R. and Deshmukh, A. S. 2022. Combining ability studies for fibre quality traits in intra (*G. arboreum* x *G. arboreum*) and interspecific (*G. herbaceum* x *G. arboreum*) crosses of desi cotton. Pharma Innovation J.11(1): 307-310.

- xiii. Shinde, A. V., Deosarkar, D. B., Kalpande, H. V., Deshmukh, A. S. and Thakur, N. R. 2022. Study on heterosis for Fibre quality traits in intra (*G. arboreum* x *G. arboreum*) and interspecific (*G. herbaceum* x *G. arboreum*) crosses of desi cotton. Pharma Innovation J. 10(12): 1100-1104.

2. Abstract published in Conferences and Symposium:

- i. **Thakur N. R.**, Toprope, V. N. and K. Sai Phanindra. 2017. “Metroglyph analysis for morphological variation in Chickpea (*Cicer arietinum* L.)” in national symposium at ‘Pulses for nutritional Security and Agricultural Sustainability’. PP-36. (Page No. 101).
- ii. K. Sai Phanindra, **Thakur, N. R.** and Toprope, V. N. 2017. “Genetic diversity analysis in Chickpea (*Cicer arietinum* L.) grown under rainfed conditions of Maharashtra” at national conference on ‘Harmony with nature in context on environmental issues and challenges’. PP-24. (Page No. 60).
- iii. Toprope, V. N., Salke, P. S., **Thakur, N. R.** and K. Sai Phanindra. 2017. “Identification of Restorer lines for Combining ability, Heterosis and Gene Action in sunflower (*Helianthus annuus* L.) under rainfed condition” at national conference on ‘Harmony with nature in context on environmental issues and challenges’. PP-48. (Page No. 70).
- iv. Jogi, S. R., Toprope, V. N. and **Thakur, N. R.** 2018. “Generation mean analysis in okra (*Abelmoschus esculentus* (L.) Moench)” at ‘Advance in agriculture and allied science technologies for sustainable development’. PP-AS-238. (Page No. 177).
- v. Wadikar, P. B., Bharat, G. B. and **Thakur, N. R.** 2018. “Genotype x environment study for seed and oil yield components in Sunflower (*Helianthus annuus* L.)” at ‘Advance in agriculture and allied science technologies for sustainable development’. PP-PAG-080. (Page No. 562).
- vi. **Thakur, N. R.**, Toprope, V. N. and K. Sai Phanindra. 2018. “Comparative study of D² and Metroglyph analysis in Chickpea (*Cicer arietinum* L.) in water stressed condition”. (Page No. - 289-291)
- vii. K. Sai Phanindra, Toprope, V. N. and **Thakur, N. R.** 2018. “Mutation studies in Confectionary Sunflower (*Helianthus annuus* L.) in stressed condition” (Page No. - 291-292).
- viii. Kasanaboina Krishna and **Thakur Niranjana**. 2022. “Biofortification for addressing the malnutrition of Human Welfare” at ‘National Conference on Food & Nutritional Security and Sustainable Agriculture, Hyderabad’; held on 15-16 April 2022. (Page No. 30).
- ix. Shinde, A. V., Deosarkar, D. B., **Thakur, N. R.** and Deshmukh, A. S. 2022. “Study on Heterosis for yield contributing traits in intra (*G. arboreum* x *G. arboreum*) and interspecific (*G. herbaceum* x *G. arboreum*) crosses of Desi Cotton” at ‘National

Conference on Food & Nutritional Security and Sustainable Agriculture, Hyderabad’; held on 15-16 April 2022. (Page No. 59).

- x. **Thakur Niranjana** and Kananaboina Krishna. 2022. “Recent advances in Genomics of drought tolerance in Sorghum” at ‘National Conference on Food & Nutritional Security and Sustainable Agriculture, Hyderabad’; held on 15-16 April 2022. (Page No. 107).

3. Book Chapter:

- i. Shinde, A. V., **Thakur, N. R.** and Deshmukh, A. S. 2022. Allele mining: An approach for crop improvement. In: Shinde Y. A. (Editor) *Advances in Agricultural and Horticultural Sciences*. Indore. M.P. India. 453-454. 235-245.

4. Popular Articles:

- i. Punished 3 Marathi articles in Magazine and News Paper.

Awards Received

1. Felicitated with “Young Researcher Award” in 4th international conference on Global Approaches in Natural Resource Management for Climate Smart Agriculture (GNRSA-2020) During Pandemic Era of COVID-19. Arranged on 26-28th February 2021 at Conference Hall, Shobhit Deemed University, Modipuram, Meerut, Uttar-Pradesh, India.

Member of Esteemed Societies

1. Life Member of “Agriculture Technology Development Society (ATDS)”, Ghaziabad, Uttar Pradesh, India.
2. Life Member of “Indian Society of Genetics and Plant Breeding (ISGPB)”, Division of Genetics, IARI, New Delhi, Delhi 110012.
3. Life Member of “Indian Society of Plant Breeders (ISPB)”, TNAU, Coimbatore, Tamil Nadu, India. Certificate Number: ISPB/LM/Certificate/2021 Dt. 21-04-2021.

Editorial Board Member

1. Member of Editorial Board in ‘Just Agriculture’ magazine.

References

Dr. Ephrem Habyarimana

Principal Scientist, Sorghum Breeding

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Candidate's declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge.

Place: ICRISAT, Patancheru.

Date: June 5th, 2022.



Thakur Niranjana Ravindra