

Publication Report

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Research Articles:

1. **Das R** and Jha S. (2018) Record of Insect Pollinators and their Abundance on Indian Mustard (*Brassica juncea* L.) in New Alluvial Zone of West Bengal, International Journal of Pure Applied Bioscience, 6(5): 848-853. doi: <http://dx.doi.org/10.18782/2320-7051.6930>
2. **Das R**, N Snehalata, Kunal G and Jha S. (2019) Stingless bees in Nagaland: Report on a reconnaissance survey, Journal of Entomology and Zoology Studies, 7(2): 301-305.
3. **Das R** and Jha S. (2019) Insect Pollinators of Sesame and the Effect of Entomophilous Pollination on Seed Production in New Alluvial Zone of West Bengal, International Journal of Current Microbiology and Applied Science, 8(03): 1400-1409. doi: <https://doi.org/10.20546/ijcmas.2019.803.164>
4. **Das R**, Jha S and Halder A. (2019) Insect pollinators of litchi with special reference to foraging behaviour of honey bees, Journal of Pharmacognosy and Phytochemistry, 8(4): 396-401.
5. Kunal G, **Das R**, Nagulapalli S, Layek A and Jha S. (2020) Nesting habitat and comb geometry of stingless bee *Tetragonula bengalensis* Cameron in West Bengal, Indian Journal of Entomology, 82(3): 445-451.
6. Nagulapalli S, Kunal G, **Das R** and Jha S. (2020) Insect pollinators and their abundance in West Bengal, Indian Journal of Entomology, 82(4): 849-853.
7. **Das R**, Kunal G, Layek A and Jha S. (2021) Sweet shop: An emerging threat of honeybee decline, Insect Environment, 24(2): 287-290.
8. Kunal, G., **Das, R.**, Kumar, R., Kumar, R and Jha S. (2021) Waste Paper Cups: An Inconceivable Driver of Pollinators' Decline, Environment and Ecology, 39(4): 971-973.
9. **Das, R.**, Layek, A., Nandi, T., & Jha, S. (2023). *Luffa Cylindrica* (L.) As Potential Foraging Source for Insect Pollinators During Post Monsoon Season—A Study in Gangetic Plain of West Bengal. Journal of Survey in Fisheries Sciences, 10(1S), 6913-6920.
10. Layek, A., Pramanik, K., **Das, R.**, & Seal, D. (2023). A Study on Bio Efficacy of Cyantraniliprole 10.6% OD Against Major Sucking Pests of Watermelon. Journal of Survey in Fisheries Sciences, 10(1S), 6903-6907.

11. **Das, R.**, Layek, A., Kunal, G., & Jha, S. (2023). Status of Migratory Beekeeping with *Apis Mellifera* L in the Gangetic Plain of West Bengal. *Indian Journal of Entomology*, 01-09.
12. **Das, R.**, Kumar, R., Kunal, G., Goldar, S., Dutta, S., & Jha, S. (2023). Detection of *Ascospaera apis*, causing chalkbrood disease in the colonies of European honey bee, *Apis mellifera* in West Bengal, India. *Sociobiology*, 70(4), e9192-e9192.
13. Layek, A., Pramanik, K., **Das, R.**, Nandi, P. and Debnath, P., 2024. Assessing the bioefficacy of Cyantraniliprole 10.26% OD against fruit borer and thrips on chilli under field condition. *Environment Conservation Journal*, 25(1), pp.41-49.
14. **Das, R.**, Nandi, T., Kunal, G., Layek, A. and Jha, S., 2024. Dearth period pollen foraging pattern by *Apis mellifera* L., *Apis cerana indica* F. and *Tetragonula bengalensis* C. in lower Gangetic alluvium of West Bengal, India: a comparative study. *International Journal of Tropical Insect Science*, pp.1-13.

Review articles:

1. NU Visakh and **Rakesh Das**. 2024. Application of geospatial technologies towards pest management in agriculture. *Int J Agric Extension Social Dev*; 7(3S):220-223. DOI: [10.33545/26180723.2024.v7.i3Sc.499](https://doi.org/10.33545/26180723.2024.v7.i3Sc.499)
2. Kousik Samanta, Kazi Nazimul Haque, Subhasis Ghorai and **Rakesh Das**. 2024. Role of honey bees as beneficial insects: Significance and challenges. *Int J Adv Biochem Res*; 8(4S):197-203. DOI: [10.33545/26174693.2024.v8.i4Sc.964](https://doi.org/10.33545/26174693.2024.v8.i4Sc.964)
3. Sunanda Ghosh, Biresk Koley and **Rakesh Das**. 2024. Non-*Apis* bee pollinators: A way out to the future pollinators' challenge. *Int J Adv Biochem Res*; 8(4):116-124. DOI: [10.33545/26174693.2024.v8.i4b.935](https://doi.org/10.33545/26174693.2024.v8.i4b.935)
4. **Rakesh Das**, Madhumita Bhuiya, NU Visakh, Amit Layek and Kaushik Pramanik. 2024. An understanding of the biochemical foundation for plant-pollinator interactions. *Int J Adv Biochem Res*; 8(4S):51-58. DOI: [10.33545/26174693.2024.v8.i4Sa.930](https://doi.org/10.33545/26174693.2024.v8.i4Sa.930)
5. Pallabi Chatterjee, Tuhina Khatun, Mouparna Maji, Krishnendu Roy, **Rakesh Das** and Tanmoy Sarkar. 2024. Snails and slugs: A new threat to crop cultivation. *Int J Res Agron*; 7(4):306-312. DOI: [10.33545/2618060X.2024.v7.i4e.567](https://doi.org/10.33545/2618060X.2024.v7.i4e.567)
6. Bikram Jana, Ridip Chattopadhyay, **Rakesh Das** and Sahely Kanthal. 2024. Bio-fertilizer: An alternative to chemical fertilizer in agriculture. *Int J Res Agron*; 7(4):144-149. DOI: [10.33545/2618060X.2024.v7.i4c.539](https://doi.org/10.33545/2618060X.2024.v7.i4c.539)

Popular articles:

1. Gautam Kunal, Ritesh Kumar, **Rakesh Das** and Aditya. (2020) Beekeeping: An opportunity to encourage Entrepreneurship, *Agriculture World*, 6(2): 58-64 (IISN 2455-8184).
2. **Rakesh Das**, Gautam Kunal and Shantanu Jha. (2020) Foraging behaviour of Honey bees: An insight, *Insect Environment*, 22: 50-51 (ISSN 0975-1963).
3. **Rakesh Das** and Madhumita Bhuiya. (2020) Impact of COVID-19 Pandemic on beekeeping in West Bengal, *Indian Farmer*, 7(10): 1000-1005 (ISSN 2394-1227).
4. **Rakesh Das** and Gautam Kunal. (2021) Importance of stingless bees as alternative pollinators in crop pollination, *Indian Entomologist*, 2(2): 73-79.
5. **Rakesh Das**, Amit Layek and Kaushik Pramanik. (2023) Honey Crystallization – Myth and Concept, *Insect Environment*, 26(1): 71-74.

Book Chapter:

1. Gautam Kunal, **Rakesh Das**, Ritesh Kumar and Amit Layek. *Agricultural Chemicals in Organisms and Environment*, Educreation Publishing, New Delhi (ISBN: 987-93-89808-99-5) pp 42-57.
2. **Rakesh Das**. *Agricultural Entomology and Nematology in Agriculture: The Quest (A Book for Competitive Examination)*, Rathore Research Academic Publication, New Delhi (ISBN: 978-81-949375-1-7) pp 99-122.
3. **Rakesh Das**, Amit Layek and Gautam Kunal. (2023). *Ecosystem Diversity with Ecological Management for Insect Pollinators' Sustainability: A Need of the Hour. In Recent Advances in Agricultural Entomology*, Sr edu Publications, Telengana, India. (ISBN: 978-93-92941-13-9) pp 53-76.

Edited Book:

1. S K Acharya, Siddhartha Mukherjee, Shouvik Gorai and **Rakesh Das**. (2020) *Agriculture: The Quest (A Book for Competitive Examination)*, Rathore Research Academic Publication, New Delhi. (ISBN: 978-81-949375-1-7)
2. Tanmoy Sarkar, **Rakesh Das**, Tanmoy Majhi and Sayani Bhowmick. (2024) *Resource Conservation: A Way to Foster the Crop Production*. Published by Swami Vivekananda University, India. (ISBN: 978-93-340-3456-1)