



भाकअनुप - राष्ट्रीय कृषि आर्थिकी एवम नीति अनुसंधान संस्थान (निआप)  
ICAR - NATIONAL INSTITUTE OF AGRICULTURAL ECONOMICS AND  
POLICY RESEARCH (NIAP)

No. 29(41)/2013/NIAP(Vol.IV)

Dated: 28.02.2025

To,

Yutika G Doshi,  
23 Kalighat Road Purna Cinema, Bhawanipur,  
Kolkata  
West Bengal, 700025

Sub: **Application under RTI Act, 2005**

Sir,

Kindly refer to your RTI Application dated 19.02.2025 vide which you have requested for the following information: -

Sr No.	Subject of Application	Information
1	Please provide details of all research studies conducted by the NIAEPR in the last five years related to agricultural policy and economic development. This includes reports, research papers, and policy recommendations	Please refer Annexure - A
2	Can you provide information about the funding received by NIAEPR for agricultural economics and policy research in the last five years? This includes details of both government and external funding sources	Please refer Annexure -B
3	Please provide information regarding any collaborative research projects or agreements between NIAEPR and other national or international institutes, universities, or organizations in the field of agricultural economics.	Please refer Annexure - C
4	Kindly provide a list of all publications, papers, or books authored or co-authored by NIAEPR researchers in the last three years, along with their topics and areas of focus.	Please refer Annexure - D
5	Please provide any recommendations or policy proposals made by NIAEPR regarding agricultural subsidies, farm income, or market regulations in the past five years	Please refer Annexure - E
6	Has NIAEPR conducted any impact assessment studies or evaluations on government agricultural policies or schemes? If yes, kindly provide details and the outcomes of such studies.	Please refer Annexure - F

Yours faithfully

(Ajay Kumar Yadav)  
CPIO / Finance & Accounts Officer

28/2/25



1. *Please provide details of all research studies conducted by the NIAEPR in the last five years related to agricultural policy and economic development. This includes reports, research papers, and policy recommendations.*

Details regarding reports, policy papers, policy briefs and research papers published by ICAR-NIAP in last five years are furnished below:

### **Agriculture Development Report**

1. ICAR-NIAP. (2021) Agricultural Development Report 2020-21. ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi (Editors: Raka Saxena, Prem Chand, Balaji SJ, and Suresh Pal). <https://niap.icar.gov.in/pdf/books/Agricultural%20Development%20Report%202020-21.pdf>
2. ICAR-NIAP. (2023). Agricultural Development Report 2022-23. ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi (Editors: P.S. Birthal, Raka Saxena, Purushottam Sharma and Kiran Kumara T.M.). <https://niap.icar.gov.in/pdf/books/Agricultural%20Development%20Report%202022-23.pdf>

### **Policy Papers**

1. Saxena, R., Paul R. K., Pavithra, S., Singh N.P. and Kumar, R. (2019). Market Intelligence in India: Price Linkages and Forecasts. Policy Paper 34, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-paper/Market%20Intelligence%20in%20India.pdf>
2. Singh, N.P., Anand, B. and Singh, S. (2020). Impact of Climate Change on Agriculture in India: Assessment for Agro-climatic Zones, Policy Paper 35, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-paper/Impact%20of%20Climate%20Change%20on%20Agriculture%20in%20India-%20Assessment%20for%20Agro-Climatic%20Zones.pdf>
3. Chand, S., Kishore, P., Kumar, S. and Srivastava, S.K. (2020). Potential, Adoption and Impact of Micro Irrigation Technology in Indian Agriculture, Policy Paper 36, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy->



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- [paper/Potential,%20Adoptation%20and%20Impact%20of%20Micro%20Irrigation%20in%20Indian%20Agriculture.pdf](#)
4. Subash, S.P., Jhahria, A. and Suresh Pal, (2020). Trade and Investment Policy for Overseas Acquisition of Fertilizers and Raw Materials: Role of the Government. Policy Paper 37, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-paper/Trade%20and%20Investment%20Policy%20for%20Overseas%20Acquisition%20of%20Fertilizers%20and%20Raw%20Materials.pdf>
  5. Birthal, P. S., Hazrana, J., and Saxena, R. (2023). Livestock Farmers' Information Needs, Search Behaviours and Their Impact: Lessons for Extension Policy. Policy Paper 38, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-paper/Livestock%20Farmers%E2%80%99%20Information%20Needs,%20Search%20Behaviours,%20and%20their%20Impact.pdf>
  6. Saxena, R., Srivastava, S. K., Balaji, S. J., Jhahria, A., and Khan, Md. A. (2023). Changes in Indian Agriculture: Householdlevel Evidence. Policy Paper 39, ICARNational Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-paper/Changes%20in%20Indian%20Agriculture%20Recent%20Household-level%20Evidences.pdf>
  7. Nikam, V., Veesam, H., Kiran Kumara, T.M., and Chand, P. (2023). Farmer Producer Organisations in India: Challenges and Prospects. Policy Paper 40, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <http://niap.icar.gov.in/pdf/pp40.pdf>
  8. Birthal, P.S., Hazrana, J., Roy, D., and Satyasai, K.J.S. (2024). Can Finance Mitigate Climate Risks in Agriculture? Farm-level Evidence from India. Policy Paper 41, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/pp41.pdf>
  9. Chand, P., Kiran Kumara, T.M., Pal, S., and Naik, K. (2024). A Spatial Assessment of Sustainability in Indian Agriculture. Policy Paper 42, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/pp42.pdf>
  10. Kishore, P., Roy, D., Birthal, P.S., and Srivastava, S.K. (2024). Regulation and Policy Response to Groundwater Preservation in India. Policy Paper 43, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/PP43.pdf>
  11. Kandpal, A., Birthal, P.S., and Mishra, S. (2024). From Research to Impact: Payoffs to Investment in Agricultural Research and Extension in India. Policy Paper 44, ICAR-



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12. Purushottam Sharma, Md Yeasin, Ranjit Kumar Paul, Dinesh Chand Meena, Md Ejaz Anwer. 2024. Food Price Volatility in India. Policy Paper 45, ICAR-National Institute of Agricultural Economics and Policy Research (NIAP), New Delhi.  
<https://niap.icar.gov.in/pdf/PP45.pdf>
13. S K Srivastava, P Kishore, P S Birthal, P B Shirsath. (2024). Harnessing the Potential of Solar-Powered Micro-Irrigation for Sustainable Intensification of Agriculture. Policy Paper 46, ICAR-National Institute of Agricultural Economics and Policy Research (NIAP), New Delhi. <https://niap.icar.gov.in/pdf/POLICY-PAPER-46-FINAL.pdf>
14. Raka Saxena, Pratap S Birthal, R C Agrawal, Purushottam Sharma, Ranjit K Paul, Balaji S J, Devesh Kumar Pant, and Neha Joshi (2024). From Local to Global: Opportunities to Accelerate Agricultural Exports from India. Policy Paper 47, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi.  
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## Policy Briefs

1. Singh, N. P., Singh, S. and Anand, B. (2019). Impact of Climate Change on Indian Agriculture: An Agro-Climatic Zone Level Estimation. Policy Brief 44, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi.  
<https://niap.icar.gov.in/pdf/policy-briefs/Impact%20of%20Climate%20Change%20on%20Indian%20Agriculture-%20An%20Agro-Climatic%20Zone%20Level%20Estimation.pdf>
2. Pal, Suresh, Saxena, R. and Balaji, S.J. (2020). Market and Innovation-led Agricultural Transformation. Policy Brief 45, ICAR National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/Market%20and%20Innovation-led%20Agricultural%20Transformation.pdf>
3. Roul C., Chand, P. and Suresh Pal (2020). Developing Agricultural Sustainability Index for the Indo-Gangetic Plains of India. Policy Brief 46, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi.  
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4. Birthal, P.S., Hazrana, J., Negi, D.S., and Mishra, A. (2022). To Insure or Not to Insure: What Explains Low Uptake of Crop Insurance? Policy Policy Brief 48, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi Brief 47, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi.



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  6. Balaji, S. J., Sharma, P. Venkatesh, P., and Shreya, K. (2022). Technology and Policy Options for Reducing India's Import Dependence on Edible Oils. Policy Brief 49, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/Technology%20and%20Policy%20Options%20for%20Reducing%20India%E2%80%99s%20Import%20Dependence%20on%20Edible%20Oils.pdf>
  7. Saxena, R., Paul, R. K., Balaji, S. J., and Kumar, R. (2022). India's Agricultural Exports during the Covid-19 Pandemic. Policy Brief 50, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/India%E2%80%99s%20Agricultural%20Exports%20during%20the%20Covid-19%20Pandemic.pdf>
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  9. Kingsly, I.T., Kumar, S., Parappurathu, S., and Pal, S. (2023). Outlook for Rice and Wheat to 2030-31. Policy Brief 52, ICAR National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/Outlook%20for%20Rice%20and%20Wheat%20to%202030-31.pdf>
  10. Sharma, P., Pal, D.B., and BIRTHAL, P.S. (2023). Technology and Policy Options for Sustaining Pulses Revolution. Policy Brief 53, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/pb53.pdf>
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  12. Srivastava, S.K., Kishore, P., BIRTHAL, P.S., and Shirasath, P.B. (2024). Enabling Policies for Solar-powered Micro-irrigation. Policy Brief 55, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. [https://niap.icar.gov.in/pdf/policy-briefs/Policy%20Brief%2055\\_Solar%20powered%20micro%20irrigation.pdf](https://niap.icar.gov.in/pdf/policy-briefs/Policy%20Brief%2055_Solar%20powered%20micro%20irrigation.pdf)



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13. Mandal,S., Kumar, S., Singh,J., Jain,R., and Kandpal ,A. (2024). Economic Impact of Salt Tolerant Mustard Varieties. Policy Brief 56, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/PolicyBrief56.pdf>
14. Chand,K., Birthal,P.S., and Kachhawaha, S. (2024). Impact of Prophylatic Vaccination in Cattle against Lumpy Skin Disease. Policy Brief 57, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. [https://niap.icar.gov.in/pdf/policy-briefs/PolicyBrief57\\_Finalprint\\_30.4.2024.pdf](https://niap.icar.gov.in/pdf/policy-briefs/PolicyBrief57_Finalprint_30.4.2024.pdf)
15. Vatta, K., Sidana, B.K., Jain,R., Priscilla, L., Kandpal, A. and Kaur,G. (2024). Is DSR Economically Viable? Policy Brief 58, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. <https://niap.icar.gov.in/pdf/policy-briefs/NIAP-Policy-Brief-58.pdf>
16. Kiran Kumara,T.M. and Birthal,P.S. (2024). Re-purposing Agricultural Subsidies to Ecosystem Services. Policy Brief 59, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. [https://niap.icar.gov.in/pdf/policy-briefs/PB\\_Final\\_59.pdf](https://niap.icar.gov.in/pdf/policy-briefs/PB_Final_59.pdf)
17. Kumar,N.R. and Athare,P.G. (2025). Farm Mechanization in India: The Crucial Role of Custom Hiring Centres. Policy Brief 60, ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi. [https://niap.icar.gov.in/pdf/policy-briefs/NIAP-Policy-Brief-\(60\).pdf](https://niap.icar.gov.in/pdf/policy-briefs/NIAP-Policy-Brief-(60).pdf)

## Research Papers

1. Abdulla and Kumar, Shiv (2021). Technical efficiency and its determinants in the Indian textile garments industry. Research Journal of Textile and Apparel, 25(4): 346-360.
2. Amale, H.S., Birthal, P.S. and Negi, D.S. (2022). Delayed monsoon, irrigation and crop yields. Agricultural Economics, DOI: 10.1111/agec.12746.
3. Amale, H.S., Birthal, P.S., and Negi, D.S. (2022). Delayed monsoon, irrigation and crop yields. Agricultural Economics, <https://doi.org/10.1111/agec.12746>. 2.
4. Anand, P.S.B., Behera, B., Srivastava, S.K., Singandhupe, R.B. and Mishra, A. (2021). Cultivated land utilization index vis-à-vis cropping intensity for crop diversification and water resource management in Odisha, India. Current Science, 120 (7): 1217-1224.
5. Anil, R., Chinchmalatpure, Kumar, S., G Gururaja Rao, Nikam, V. and Prasad, I. (2019) Impact of irrigation on soil characteristics of saline vertisols of Bara tract under Sardar Sarovar Canal command of Gujarat. Journal of the Indian Society of Soil Science, 66(4): 381-385.



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6. Anirudh, K.C., Aditya, K.S., Subash, S.P., and Kuruvila, A. (2022). Paddy farmers in Kerala Research Outputs are willing to pay more for a modified crop insurance product. *Agricultural Economics Research Review*, 35(1): 115-122.
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8. Anupama, G.V., Jain, R., Falk, T., Deb, U. and Bantilan, C. (2020). Data warehousing for open data sharing and decision support in agriculture: A case study of the VDSA knowledge bank and its development process, *International Journal of Information Technology*, 12: 923-931.
9. Anwer, Md. E., Subash, S.P., and Kandpal, A. (2023). Trends and patterns of patent in agriculture and allied sector. *Journal of Intellectual Property Rights*, 28(6): 529-543.
10. Ashok, A. and Prakash, R.R. (2019) Stakeholder preference towards conservation of marine mega fauna: Olive ridley turtle (*Lepidochelys olivacea*) (Eschscholtz, 1829) conservation dilemma in Odisha. *Fishery Technology*, 56: 158-163.
11. Ashok, A., Sreejith, S., Benjamin, D., Bindu, J. and Gopal, N. (2021). Ethnic foods and food-based traditional knowledge of fishing community in Kerala, India. *Fishery Technology*, 58 (1): 48-52.
12. Athare, P.G., Singh, D.R., Kumar, N.R., Jha, G.K., Venkatesh, P., and Chakrabarti, B. (2023). Spatio-temporal analysis of rainfall and temperature trends in Maharashtra. *International Journal of Environment and Climate Change*, 13(9): 552-561.
13. axena, R., and Kumar, R. (2019). Onion price perspective in India: Triggers and response. *Agricultural Research Journal*, 56(2): 370-375.
14. Balaji, S. J. (2021). Product clusters, export promotion, and agricultural growth: A partial assessment of India's relative competitiveness in light of the agricultural export policy. 2018. *Indian Journal of Agricultural Marketing*, 35(1): 106-114.
15. Balaji, S. J. and Babu, S.C. (2022). Russia-Ukraine War: India's fertilizer supply woes. *The Global Analyst*, 11(5): 38-41.
16. Balaji, S. J., Arun, G., Suresh C. B. and Pal, S. (2021). Machine learning algorithms for quarterly GDP forecasting: A performance evaluation. *The Journal of Income and Wealth*, 43 (1&2): 1-15.
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18. Balaji, S.J. (2018) Exploring the dominance of pull and push forces and role of geography towards non-farm employment in rural Tamil Nadu, India. *Indian Journal of Extension Education*, 54(4):117-124.
19. Balaji, S.J. (2018) Non-farm employment in rural Tamil Nadu: Trends, patterns and driving forces. *Indian Economic Journal*, December (Special issue): 321-328.



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26. Basantaray, A.K., Paltasingh, K.R. and Birthal, P.S. (2022). Crop diversification, agricultural transition and farm income growth: Evidence from Eastern India. *Italian Review of Agricultural Economics*, 77(3): 55-65. DOI: 0.36253/rea-13796.
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28. Billore, S.D., Dupare, B.U., Sharma, P., Verma, R.K. and Raghvendra, M. (2020). Performance of soybean varieties under frontline demonstrations. *Soybean Research*, 18(1): 77-86.
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31. Biradar, N., Tirlapur, L., Kerur, A. Chand, K. and Raghuprasad, K.P. (2022). Documentation and validation of scientific rationality of ITKs relating to fodder management and livestock health. *Range Management and Agroforestry*, 43 (2): 317-325.
32. Birthal, P. S., Pandey, G., Jumrani, J. and Jaweriah, N. (2019). Supply response in Indian dairying. *Indian Journal of Animal Sciences*, 89(4): 459-465.
33. Birthal, P., Negi, A. and Joshi, P. (2019). Understanding causes of volatility in onion prices in India. *Journal of Agribusiness in Developing and Emerging Economies*, 9(3):255–275.





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ICAR - NATIONAL INSTITUTE OF AGRICULTURAL ECONOMICS AND  
POLICY RESEARCH (NIAP)**

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***ANNEXURE-B (RTI Matter)***

- 2. Can you provide information about the funding received by NIAEPR for agricultural economics and policy research in the last five years? This includes details of both government and external funding sources.*

The total funds received during the last five years (2019-20 to 2023-24) in NIAE&PR from both Government and external funding sources are Rs. 8167.55 Lakh".



**ANNEXURE-C (RTI Matter)**

3. *Please provide information regarding any collaborative research projects or agreements between NIAEPR and other national or international institutes, universities, or organizations in the field of agricultural economics.*

**Details regarding collaborative research projects**

Project Title	Collaborating Agency	Duration
ICAR Network Project I	Other ICAR Institutes and State Agricultural Universities	October 2017- March 2020
ICAR Network Project II	Other ICAR Institutes and State Agricultural Universities	April 2021- March 2026
Tweaking current schemes in de-minimums to meet green box criteria as per legal agreement on agriculture	Centre for WTO Studies, Indian Institute of Foreign Trade, Ministry of Commerce, Government of India, New Delhi	2018
Transformation, and sources of growth in southeast Asian agriculture	International Food Policy Research Institute, Washington DC	2018-2020
Research studies on post-harvest profiles of 10 selected commodities	Directorate of Marketing and Inspection, Faridabad	2019-2020
Framing policies for overseas acquisition of raw material by Indian fertilizer companies and role of government in India	Department of Fertilizer, Ministry of Chemicals and Fertilizers	2019-2020
Analysis on sustainability issues in groundwater irrigation in eastern genetic plains (Bihar and West Bengal)	International Food Policy Research Institute, Washington DC	2020-2022
Value chain analysis and effect of agricultural application of bio char on livelihood in India	World Agroforestry (CIFOR-ICRAF), South Asia, New Delhi	2022- 2023
Economic valuation of ecosystem services from agriculture in India	International Food Policy Research Institute, Washington DC	2022- 2023
The Ukraine-Russia War and its food security implications in South Asia	International Food Policy Research Institute, Washington DC	2022
Investigating the potential uses for behavioral economic interventions in	Cornell University, USA	2020-2023



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food choice on Indian college campuses		
Impact assessment of the Integrated Livelihoods Support Project (ISLP) of Uttarakhand and lessons for out scaling	Uttarakhand Government	2022-2023
Management and institutional recommendations for bringing reforms in PMFBY	NRAA, MoA&FW, Government of India, New Delhi	2022-2023
Impact of blending of edible on the production of select oilseeds	Ministry of Agriculture and Farmers Welfare, Government of India	2022-2023
Unpacking social and gender dynamics of seed systems for sustainable intensification of agriculture	International Rice Research Institute (IRRI)	2022-2024
In-Depth analysis of implementation challenges and potential opportunities for digitalization towards climate smart agriculture in India through interviews/ case studies (rice and maize)	Nanyang Technological University (NTU), Singapore	2023
Assessing benefits of the solar-based micro irrigation	International Copper Association	2023
Indian food systems for improved nutrition: Policy support research facility	University of Sheffield, UK	2023-2025



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*ANNEXURE-D (RTI Matter)*

4. *Kindly provide a list of all publications, papers, or books authored or co-authored by NIAEPR researchers in the last three years, along with their topics and areas of focus.*

Please refer answer to question number 1.



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*ANNEXURE-E (RTI Matter)*

5. *Please provide any recommendations or policy proposals made by NIAEPR regarding agricultural subsidies, farm income, or market regulations in the past five years.*

Policy recommendations on ICAR-NIAP are mainly published in the form of policy papers and policy briefs which has an open access policy. Significant research finds are also detailed in the annual reports which are also available in the Institute website. For detailed information kindly visit the website of ICAR-NIAP, <https://niap.icar.gov.in/>



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*ANNEXURE-F (RTI Matter)*

6. *Has NIAEPR conducted any impact assessment studies or evaluations on government agricultural policies or schemes? If yes, kindly provide details and the outcomes of such studies.*

Policy recommendations on ICAR-NIAP are mainly published in the form of policy papers and policy briefs which has an open access policy. Significant research finds are also detailed in the annual reports which are also available in the Institute website. For detailed information kindly visit the website of ICAR-NIAP, <https://niap.icar.gov.in/>