ICAR National Fellow Project on **Development and implementation of Novel Algorithms and Software Modules for PGR Informatics**
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Brief Achievements (2020-2021)

1. The application **Genebank to Genbank** was launched for public use on the occasion of 44th Foundation Day of NBPGR by DDG (Crop science) on 3 August 2020.
   (http://www.nbpgr.ernet.in/News_Details/aid/253.aspx)
   Application accessible at: pgrinformatics.nbpgr.ernet.in/g2g

2. A web-enabled application developed for accessing information on material conserved in **Medium Term Storage** modules of genebank system; online indenting system being developed.
   Application accessible at: http://pgrinformatics.nbpgr.ernet.in/mts/

3. **Utility Dashboard** developed to provide quick access for getting details of specific IC/EC numbers, cross-checking the veracity of data, generating maps, getting details of speciality materials like NILs and RILs conserved in genebank, matching collector number /other identity /pedigree/variety, etc.
   Application accessible at: http://pgrinformatics.nbpgr.ernet.in/akmu/

4. An application combining information on all complementary conservation strategies developed.
   Application accessible at: pgrinformatics.nbpgr.ernet.in/conservation

5. Teaching (four courses) and guiding six Ph.D. Students. Two students were awarded Ph.D. and two joined ARS.

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