

DARE/ICAR Annual Report -2022-23

National Agriculture Innovation Fund (NAIF)
Component –I (Innovation Fund)
(from 01st November, 2021 to 31st October 2022)

1. **Name of the Institute/ ITMC:** ICAR-Indian Agricultural Statistics Research Institute, New Delhi

2. **No. of Institutes under ZTMC for which Report is being provided:**

3. **Specific Details of ITMC:**

Officer In-charge (Member Secretary)	Dr. Ajit Principal Scientist, ICAR- IASRI, New Delhi-110012, India
Contact Details of In-charge (E-mail ID & Cell Number)	E-mail: ajit@icar.gov.in , umaajitgupta123@gmail.com Mob: 9415092880
Meeting(s) organized by *ITMC/ITMU (if any): (The meetings of ITMU were conducted regularly and recommendations were got approved from Director and Chairman, ITMC).	One: 21.03.2022
Attach the Copy of ITMC/ITMU Meeting Proceedings (if any)	Please see Annexure A & B

4. **Contractual Staff:**

S. No.	Name of Institute	Number of Person (in position)	Specific work done
1.	ICAR- Indian Agricultural Statistics and Research Institute, New Delhi	01(YP II) From 01.11.2021 to 31.12.2021 (Since 19.10.2019) 01(YP II)From	<ul style="list-style-type: none">Assisting in updating of the links at ITMU at IASRI website as requiredAssisted in drafting of 19 application for granting Copyrights of software/publications<ol style="list-style-type: none">Online system of identifying and counting spikes in wheat plant 26750/2021-CO/SWAgricultural university Ranking System 26747/2021-CO/SWKrishi vigyan Kendra Knowledge Network(KVK portal) 26749/2021-CO/SWBrassicaSatDb: Brassica Microsatellite database 26753/2021-

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		08.02.2022 to 31.10.2022 (till date)	<p>CO/SW</p> <ol style="list-style-type: none">5. Millet SSR database 26755/2021-CO/SW6. SmCarTDB: Small Cardamom Transcriptome database 26756/2021 -CO/SW7. SIREdAM: Systematic Information Resource for Dairy Animal Management 15421/2022-CO/SW8. TpGBNVDb: Thrips Palmi transcriptome database in response to groundnut bud necrosis virus 15425/2022-CO/SW9. BtChiLCVDb: Bemisia tabaci Asia II 1 transcriptome database in response to chilli leaf curl virus 15417/2022-CO/SW10. WBMSTDb: Water Buffalo Mastitis Database 15410/2022-CO/SW11. SCMVTDB: Small cardamom Mosaic Virus Transcriptome Database 15409/2022-CO/SW12. BlackP2MSATDb: Black Pepper Polymorphic Microsatellite Database 15418/2022-CO/SW13. BPDRTDb: Black Pepper Drought Transcriptome Database 15422/2022-CO/SW14. BSCM2TDb: Buffalo Subclinical Mastitis Methylo Transcriptome Database 15420/2022-CO/SW15. PMDIncRDB: Pearl Millet IncRNA Database 15415/2022-CO/SW16. BuffGR: Buffalo Genomic Resource 15412/2022-CO/SW17. VISTa app: Variety identifying system for triticum aestivum(wheat) mobile application 15428/2022-CO/SW18. WDRoTDB: Wheat Drought Root Transcriptome Database 15430/2022-CO/SW19. MiSNPDb: Mango SNP Database 15404/2022-CO/SW <ul style="list-style-type: none">● Involved in redesigning and developing the website of ITMU using CMS Drupal and made available at https://iasri.icar.gov.in/itmu/ . It is being maintained and updated regularly.● Involved in uploading of files related to copyrights (64) in the name of
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			<p>Director, ICAR-IASRI in IPR Repository.</p> <ul style="list-style-type: none"> • Assisted in annual report preparation and other file related work with proceeding. • Visited and assisting in correspondence work with Registrar Copyrights. Visited Department of Industrial Policy & Promotion , Ministry of Commerce and Industry, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi-110075
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5. Management of IP portfolio:

Total number of copyrights registered during the period: **03 registered**

Total number of copyrights registered before 31.10.2021: **61 registered**

Total number of copyrights applied during the period: **19 applied**

Total number of copyrights applied before the period: **06 applied**

IPRs	Name of Institute	Diary Number	Name of Innovation/ Technology/ Product/ Variety	Applied On	Application Granted/ Registered	Registration Granted On	Date of received at IASRI	Copyright Registration number
Patent	-	-	-	-	-	-	-	
Trademarks	-	-	-	-	-	-	-	
Copyrights	ICAR- Indian Agricultural Statistics and Research Institute	26750/2021-CO/SW	Online system of identifying and counting spikes in wheat plant	01.11.2021	Re-Scrutiny			
		26747/2021-CO/SW	Agricultural Universities Ranking System	01.11.2021	Re-Scrutiny			
		26749/2021-CO/SW	Krishi Vigyan Kendra Knowledge Network (KVK portal)	01.11.2021	Re-Scrutiny			
		26748/2021-CO/SW	PlantSSRDb: Unifying easy FDRs and SSR-FDMs	01.11.2021	Registered	11.02.2022	28.03.2022	SW-15266/2022

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		database					
26751/2021-CO/SW	Levidb: Genomics of virus in Legume crops	01.11.2021	Registered	11.02.2022	28.03.2022	SW-15267/2022	
26754/2021-CO/SW	VmTDB: Vigna mungo Transcriptome database	01.11.2021	Registered	11.02.2022	23.03.2022	SW-15268/2022	
26753/2021-CO/SW	BrassicaSatDb: Brassica Microsatellite database	01.11.2021	Registered				
26755/2021-CO/SW	Millet SSR database	01.11.2021	Re-Scrutiny				
26756/2021-CO/SW	SmCarTDB: Small Cardamom Transcriptome database	01.11.2021	Registered				
15421/2022-CO/SW	SIReDAM: Systematic Information Resource for Dairy Animal Management	18.07.2022	Re-Scrutiny				
15425/2022-CO/SW	TpGBNVDb: Thrips Palmi transcriptome database in response to groundnut bud necrosis virus	18.07.2022	Scrutiny				
15417/2022-CO/SW	BtChiLCVDb: Bemisia tabaci Asia II 1 transcriptome database in response to chilli leaf curl virus	18.07.2022	Scrutiny				
15410/2022-CO/SW	WBMSTDb: Water Buffalo Mastitis Database	18.07.2022	Re-Scrutiny				
15409/2022-CO/SW	SCMVTDB: Small cardamom Mosaic Virus Transcriptome Database	18.07.2022	Re-Scrutiny				
15418/2022-CO/SW	BlackP2MSATDb: Black Pepper Polymorphic Microsatellite Database	18.07.2022	Scrutiny				
15422/2022-CO/SW	BPDRTDb: Black Pepper Drought Transcriptome Database	18.07.2022	Re-Scrutiny				
15420/2022-CO/SW	BSCM2TDb: Buffalo Subclinical Mastitis Methylo Transcriptome Database	18.07.2022	Re-Scrutiny				
15415/2022	PMDIncRDB: Pearl Millet	18.07.2022	Re-Scrutiny				

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		2-CO/SW	IncrRNA Database					
		15412/202 2-CO/SW	BuffGR: Buffalo Genomic Resource	18.07.2022	Re-Scrutiny			
		15428/202 2-CO/SW	VISTa app: Variety identifying system for triticum aestivum (wheat) mobile application	18.07.2022	Re-Scrutiny			
		15430/202 2-CO/SW	WDRoTDB: Wheat Drought Root Transcriptome Database	18.07.2022	Re-Scrutiny			
		15404/202 2-CO/SW	MiSNPDb: Mango SNP Database	18.07.2022	Re-Scrutiny			
Design	-							
Plant Variety	ICAR-Indian Agricultural Statistics	-	Germplasm IC290156 of Wheat	-	Registered	-	-	INGR21187
		-	Germplasm IC321906 of Wheat	-	Registered	-	-	INGR21188
Biological Material/ Strains/ Resources	-							
Any Other	-							

*** Please mention granted application/ registration no (eg. Patent No.; Trademark / Design/ Plant Variety registration no.)*

6. Commercialization of Technologies : **NIL / 'Annexure E'**

S No	Name of Institute	Name of Technology/ Know-How	IP Protection (Yes/ No)*	Name of Contracting Party	Weather done through Agrinnovate India Ltd. (Agln.) (Yes/I.{o)	Date of Licensing	Revenue Earned (in Rs.)

**If Yes, Please mention Patent Application No/ Trademarks Registration No/ PPV&FRA Registration No.*

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7. Outreach Activities : **NIL**

S No	Name of Institute	Programme Organized for Technology Commercialize/ Transfer*	Number of Participants	Venue of Event	Remarks
Any other initiative taken for commercialization					

*Note: Name of Industry Meet/ Interface Meet / Business Meet/ B2B Meetings etc.

8. Capacity Building in IP Management: **NIL**

8.1 (Training/workshop/Seminar etc.) Attended: **NIL**

S No	Name of Programme (Training/workshop/Seminar etc.) attended	Organized By (Name of Institute)	Date of Programme	Participant (Name)

a. (Training/workshop/Seminar etc.) Organized: (Please see Annexure D)

S No	Name of Institute	Name of Programme (Training/workshop/Seminar etc.) Organized	Date of Programme	Participants (No)	Participant category*

9. Constraints if any: - **NIL**

10. Specific intervention required from IP&TM Unit: - **NIL**

11. Success Story with good quality photographs: - **NIL**

12. Any other activity (which was not covered in above columns): - **NIL**

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(b) Professional Service Functions: Please see Annexure C, Annexure D and Annexure E respectively.

Revenue generated:

- From Consultancy/Consultancy Project: Revenue generated – ‘**Rs. 5,85,004.00**’ (Please see **Annexure ‘C’**)
- From Training: Revenue generated – ‘**Rs. 1,97,874.60**’ (Please see **Annexure ‘D’**)
- Technology Commercialization – ‘**Rs.9,000.00**’ (Please see **Annexure ‘E’**)

Total Revenue generated: ‘Rs. 7, 91,878.60’

‘Annexure C’

Consultancy/ Contract research undertaken by ICAR-IASRI during 2022-23:

SN	Name of the Consultant/ PI	Title	Total fee(Rs.)	Institutional Charges (Rs.)	Time period	CPC proceeding date
1	Dr. Sudeep Marwaha	To conduct IDA election through e-voting for the 15 positions for Indian Dairy Association (IDA)	146644	26712	21.02.2022 to 20.03.2022	21.02.2022
2	Dr. Tauqueer Ahmad	Study on reviewing the food loss index estimates for India and preparing assesment report for inclusion of the SDG indicator12.3.1 in the national indicator framework	1186975	356092	2.5 Month 16.10.2021 to 31.12.2021	25.09.2021
3	Drs. Tauqueer Ahmad, Lal Mohan Bhar, Prachi Misra Sahoo, Ankur Biswas, Raju	Technical Guidance in Implementation of Methodology for Estimation of Area and Production of Horticultural Crops developed by ICAR-IASRI under CHAMAN Project	1423000	202200	2 year 16 days (Date of start: 13.02.2020 Date of end: 31.07.20210 (extended upto 28.02.2022))	05.10.2019
Total			2756619	585004		

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‘Annexure D’

Training:

SN	Name of the Course Director	Title	Total fee (Rs.)	Institutional Charges (Rs./ USD)	Time period	No. of participants
1	PD: Baidya nath Mandal PC: Ankur Biswas	'Data analysis and Interpretation-I' for ISS Probationers of CSO	598248	99708	April 18-29, 2022	11.04.2022
2	PD: Ramasubramanian V. PC: Kaustav Adity	'Data analysis and Interpretation-II' for ISS Probationers of CSO	588999.6	98166.6	June 06-17 2022	11.04.2022
Total			1187248	197874.6		

‘Annexure E’

Technology Commercialization during the period of 2022-23 as detailed below:

SN	Name of Software	No. of Software	Cost (Rs)
1.	SPAR 2.0: Statistical Package for Agricultural Research data analysis (SPAR 2.0)	1 (original)	1600
2.	SPAD 1.0: Statistical Package for Augmented Designs (SPAD)	1 (original) + 1(copy)	2100
3.	SPFE 1.0: Statistical Package for Factorial Experiments	1 (original)	1600
4.	SPBD Release 1.0: Statistical Package for Balanced Incomplete Block Designs	1 (original)	1600
5.	SSDA1.0: Software for Survey Data Analysis is useful for the analysis of survey data	1 (original) + 1(copy)	2100
Total		5 (originals) + 2(copy)	9000