

## Annual Report -2021-22

National Agriculture Innovation Fund (NAIF)

Component –I (Innovation Fund)

(from April 2021 to March 2022)

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

2. **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: <a href="mailto:ajit@icar.gov.in">ajit@icar.gov.in</a> , <a href="mailto:umaajitgupta123@gmail.com">umaajitgupta123@gmail.com</a> 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).	Three: 26.07.2021, 28.09.2021, & 21.03.2022
Attach the Copy of ITMC/ITMU Meeting Proceedings (if any)	Please see Annexure A & B

3. **Contractual Staff:**

S. No.	Name of Institute	Number of Person (in position)	Specific work done
1.	<b>ICAR- Indian Agricultural Statistics and Research Institute, New Delhi</b>	<b>01(YP II)From 01.04.2021 to 31.12.2021 And Since 19.10.2019  01(YP II)From 08.02.2022 to</b>	<ul style="list-style-type: none"><li>Assisting in updating of the links at ITMU at IASRI website as required</li><li>Assisted in drafting of 15 application for granting Copyrights of software/publications<ol style="list-style-type: none"><li>Foreign visit management 20422/2021-CO/SW</li><li>Education Portal 20431/2021-CO/SW</li><li>Online generation of Incomplete Block Design 20424/2021-CO/SW</li><li>Online construction and analysis of ISPD 20417/2021-CO/SW</li><li>Online generation of orthogonal and nested orthogonal latin hypercubes design 20436/2021-CO/SW</li></ol></li></ul>

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		<b>31.03.2022</b>	<ol style="list-style-type: none"><li>6. Personal management system 20429/2021-CO/SW</li><li>7. Online system of identifying and counting spikes in wheat plant 26750/2021-CO/SW</li><li>8. Agricultural university Ranking System 26747/2021-CO/SW</li><li>9. Krishi vigyan Kendra Knowledge Network(KVK portal) 26749/2021-CO/SW</li><li>10. PlantSSRDb: Unifying easy FDRs and SSR-FDMs database 26748/2021-CO/SW</li><li>11. Levidb: Genomics of virus in Legume crops 26751/2021-CO/SW</li><li>12. VmTDB: Vigna mungo Transcriptome database 26754/2021-CO/SW</li><li>13. BrassicaSatDb: Brassica Microsatellite database 26753/2021-CO/SW</li><li>14. Millet SSR database 26755/2021-CO/SW</li><li>15. SmCarTDB: Small Cardamom Transcriptome database 26756/2021-CO/SW</li></ol> <ul style="list-style-type: none"><li>• Involved in redesigning and developing the website of ITMU using CMS Drupal and made available at <a href="https://iasri.icar.gov.in/itmu/">https://iasri.icar.gov.in/itmu/</a>. It is being maintained and updated regularly.</li><li>• Developing a information system for Consultancy using core php. It is being maintained and updated regularly.</li><li>• Involved in uploading of files related to copyrights (64) in the name of Director, ICAR-IASRI in IPR Repository.</li><li>• Assisted in annual report preparation and other file related work with proceeding.</li><li>• Visited and assisting in correspondence work with Registrar Copyrights. Visited Department of Industrial Policy &amp; Promotion ,Ministry of Commerce and Industry, Boudhik Sampada Bhawan,Plot No. 32, Sector 14, Dwarka, New Delhi-110075</li></ul>
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### 4. Management of IP portfolio:

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

**Total number of copyrights registered before 31.03.2021: 06 (2020-21) registered**

**Total number of copyrights applied during the period: 15 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	26748/2021-CO/SW	PlantSSRDb: Unifying easy FDRs and SSR-FDMs database	01.11.2021	Registered	11.02.2022	28.03.2022	SW-15266/2022
		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
		20422/2021-CO/SW	Foreign visit management	12.08.2021	Re-Scrutiny			
		20431/2021-CO/SW	Education Portal	12.08.2021	Re-Scrutiny			
		20424/2021-CO/SW	Online generation of Incomplete Block Design	12.08.2021	Approval			
		20417/20	Online construction and	12.08.2021	Re-Scrutiny			

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		21-CO/SW	analysis of ISPD					
		20436/20 21-CO/SW	Online generation of orthogonal and nested orthogonal latin hypercubes design	12.08.2021	Approval -			
		20429/20 21-CO/SW	Personal management system	12.08.2021	Re-Scrutiny -			
		26750/20 21-CO/SW	Online system of identifying and counting spikes in wheat plant	01.11.2021	Re-Scrutiny			
		26747/20 21-CO/SW	Agricultural university Ranking System	01.11.2021	Approval			
		26749/20 21-CO/SW	Krishi vigyan Kendra Knowledge Network(KVK portal)	01.11.2021	Approval			
		26753/20 21-CO/SW	BrassicaSatDb: Brassica Microsatellite database	01.11.2021	Re-Scrutiny			
		26755/20 21-CO/SW	Millet SSR database	01.11.2021	Approval			
		26756/20 21-CO/SW	SmCarTDB: Small Cardamom Transcriptome database	01.11.2021	Re-Scrutiny			
Design	-							
Plant Variety	ICAR-Indian Agricultural	-	Germplasm IC290156 of Wheat	-	Registered	-	-	INGR21187
		-	Germplasm IC321906 of Wheat	-	Registered	-	-	INGR21188

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	Statistics							
Biological Material/ Strains/ Resources	-							
Any Other	-							

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

### 5. Revenue Earned

#### (a) Commercialization of Technologies: NIL

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

*\*\*Note: (Mode of Partnership: eg. MoU/ MOA/ Licensing/ Consultancy/ Contract Service & Research/ Know-How etc)*

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

#### Revenue generated:

- From Consultancy/Consultancy Project: Revenue generated – ‘**Rs. 8,10,229.00**’ (Please see ANNEXURE ‘C’)
- From Training: Revenue generated – NILL (Please see ANNEXURE ‘D’)
- Technology Commercialization – ‘**Rs.17,300.00**’ (Please see ANNEXURE ‘E’)

**Total Revenue generated: ‘Rs. 8, 27,529.00’**

### 6. Outreach Activities : NIL

S No	Name of Institute	Programme Organized for Technology Commercialize/ Transfer*	Number of Participants	Venue of Event	Remarks

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Any other initiative taken for commercialization				

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

### 7. Capacity Building in IP Management: NIL

#### 7.1 Training/workshop/Seminar etc.) attended: NIL

<i>Sno.</i>	<i>Name of Programme (Training/workshop/Seminar etc.) attended</i>	<i>Organized By (Name of Institute)</i>	<i>Date of Programme</i>	<i>Participant (Name)</i>

#### 7.2 Training/workshop/Seminar etc.) Organized: NIL

<i>S No</i>	<i>Name of Institute</i>	<i>Name of Programme (Training/workshop/Seminar etc.) Organized</i>	<i>Date of Programme</i>	<i>Participants (No)</i>
1.				

### 8. Constraints if any:-NIL

### 9. Specific intervention required from IP&TM Unit:-NIL

### 10. Success Story with good quality photographs: - NIL

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

### ‘Annexure C’

### Consultancy/ Contract research undertaken by ICAR-IASRI during 2021-22:

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S. No	Name of the Consultant/ PI	Title	Total fee(Rs.)	Institutional Charges (Rs.)	Time period	CPC proceeding date
1	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	Dr. Tauqueer Ahmad	Technical Guidance on the sampling strategy and developing sampling methodology for 2019/20 Lao Agriculture Census	750750	225225	27.02.2021 to 30.06.2021	26.02.2021
4	Dr. 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: 31.07.2021 (extended upto 28.02.2022) )	05.10.2019
<b>Total</b>			608029	810229		

### ‘Annexure D’

#### Training: NIL

S.No.	Name of the Course Director	Title	Total fee (Rs.)	Institutional Charges (Rs./ USD)	Time period	No. of participants
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### Annexure ‘E’

**Technology Commercialization during the period of 2021-22 as detailed below:**

Sr. No.	Name of Software	No. of Software	Cost (Rs)
1.	SPAR 2.0: Statistical Package for Agricultural Research data analysis (SPAR 2.0)	4 (original) + 1(copy)	9900
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		8 (originals) + 3(copy)	17300