भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

ICAR-Indian Agricultural Statistical Research Institute

Basic Information of the ITMU

Constitution of Institute Technology Management **Committee** (**ITMC**)

Dr. Ajit, *Principal Scientist & In-Charge-ITMU*

Dr. Upendra Pradhan, *Scientist & Member-ITMU*

Dr. Rajendra Prasad, *Director, ICAR-Indian Agricultural Statistical Research Institute.*

ITMC Meeting Organized

(**Four**)

14-Jun-2023

18-Sep-2023

03-Nov-2023

12-Jan-2024

ITMC Meeting "**Decisions**" in bullets

- **Examined and Recommended the Copyrights proposals to be submitted to Registrar of Copyright Office**
- **ITMU-compiled and collated the proposals and finally ITMC-recommend and the proposal of technologies for certification at Institute level to be submitted to SMD for the year 2023 and 2024.**
- **Discussed and finalized the MoU to be signed between ICAR-IASRI and Project on Climate Resilience in Agriculture (POCRA) Maharashtra for the Web API integration of data, information, and model results generated by Mobile Application, Artificial Intelligence based Disease Identification System for Crops (AI-DISC).**
- **Discussed and finalized the MoU to be signed between ICAR-IASRI and Odisha Government for the Web API integration of data, information, and model results generated by Mobile Application, Artificial Intelligence based Disease Identification System for Crops (AI-DISC) developed under the NAHEP Component 2 with the mobile/web application developed by Odisha Government.**

Contractual Staff Engaged (Nos) in NAIF Project activities with their qualification

One

YP-II

MCA (Computer Application)

- *Assisting in updating of the links at ITMU at IASRI website as required and updating the copyright Certificates in website.*
- *Assisting in drafting of applications for granting Copyrights of software/publications*.

Infrastructure facilities available at ITMU

*Is there any Separate Room or Building for ITMU with Proper Labeling/Sign Board: Yes/**No***

operating ITMU from the PME-Cell

ITMU **Website link** (if any) or ITMU activities displayed on institute website (add photo of the webpage)

Yes, Institute designed and hosted the ITMU Website link at the ICAR-IASRI main home-page

Available at **ITMU Website: https://iasri.icar.gov.in/itmu/**

भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

ITMU Website: https://iasri-old.icar.gov.in/itmu/

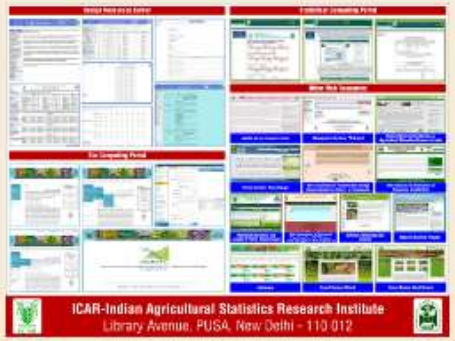
ICAR-IASRI: Institute Technology Management Unit

(ICAR-IASRI, Library Avenue, Pusa, New Delhi -110012)

Screen Reader Access

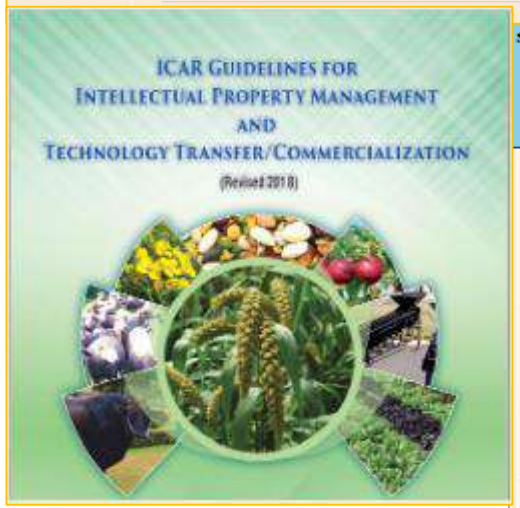
Home | Copyrights Received | Copyrights Applied | Saleble technology | Trademarks | ©Copyrights/Rules | ICAR- Guidelines | Downloads | LoAs and MoUs

Gallery



About ITMU at IASRI

As per the 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/ Commercialization' an Institute Technology Management Unit (ITMU; short title for Intellectual Property Management and Technology Transfer Commercialization Unit at Institute level IPM&TTU) for management of its IP/ Deemed IP and transfer/commercialization of technologies has been constituted for pursuing all IP protection, maintenance and transfer/commercialization related matters at the institute level as per these guidelines and any other administrative or policy decisions taken in the ICAR from time to time. This will seek any specific, case-to-case basis advice/assistance from the Zonal Agro-Technology Management Centres (ZTMCs) at the zonal level.



Copyrights Received

S.No.	Name of Technology(Software)/ Literary Work	Author(s)	*Author(s) with affiliation	Applied on	Diary Number	Copyright Registration Number	Copyright Granted on (Received at IASRI)
92	Sweep Discovery Tool	Chaturvedi[1] 5. Shashi Bhushan Lal[1] 6. Sanjeev Kumar[1] 7. Ranjit Kumar Paul[1] 8. Neeraj Budhlakoti[1] 9. Dipro Sinha[1]	1. IASRI, New Delhi-110012	01.12.2023	32176/2023-CO/SW	SW-18237/2024	22.02.2024 (06/03/2024)
93	Online System of Identifying and Counting Spikes in Wheat Plant	1. Tanuj Misra[3] 2. Alka Arora[1] 3. Sudeep Marwaha[1] 4. Viswanathan Chinnusamy[2] 5. Sudhir Kumar[2]	1. IASRI, New Delhi-110012 2. IARI, New Delhi-110012 3. Rani Lakshmi Bai Central Agricultural University, Jhansi-284003	08.11.2021	26750/2021-CO/SW	SW-18195/2024	30.01.2024 (06/03/2024)
94	BtChiLCVDb: Bemisia tabaci Asia II 1 transcriptome database in response to chilli leaf curl virus	1. M. A. Iquebal[1] 2. Amalendu Ghosh[2] 3. Ms. Aarthi Nekkanti[2] 4. Mr. Prosenjit Chakraborty[2] 5. Sarika[1] 6. Parva Kumar Sharma[1] 7. Ms. Ruchi Rani[1] 8. Virendra Kumar Baranwal[2] 9. Vinay Kalia[2] 10. Subhas Chander[2] 11. Anil Rai[1] 12. Dinesh Kumar[1]	1. IASRI, New Delhi-110012 2. IARI, New Delhi-110012	18.07.2022	15417/2022-CO/SW	SW-17957/2023	26.12.2023 (06/03/2024)
95	WDRoTDB: Wheat Drought Root Transcriptome Database	1. M. A. Iquebal[1] 2. Pradeep Sharma[2] 3. Rahul Singh Jasrotia[1] 4. Sarika[1] 5. U.B. Angadi[1] 6. Sonia Sheoran[2] 7. Rajender Singh[2]	1. IASRI, New Delhi-110012 2. ICAR-IIWBR, Karnal, Haryana-132001	18.07.2022	15430/2022-CO/SW	SW-18106/2024	16.01.2024 (06/03/2024)

Continue From Previous Slide Under the Copyright Received tab..

ICAR-IASRI: Institute Technology Management Unit

(ICAR-IASRI, Library Avenue, Pusa, New Delhi -110012)

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Copyrights Received

Institute Technology Management Unit at IASRI has applied for copyrights for the technologies which have been developed by IASRI. The technology and it's copyrights details can be viewed as below:

Copyright Received: IASRI as Sole/Lead organization

Copyright Recieved F.Y -Wise/Copyright Received: IASRI as collaborating Partner (2013-14 Upto 2023-24) **Click Here**

Copyright Recieved Year-Wise

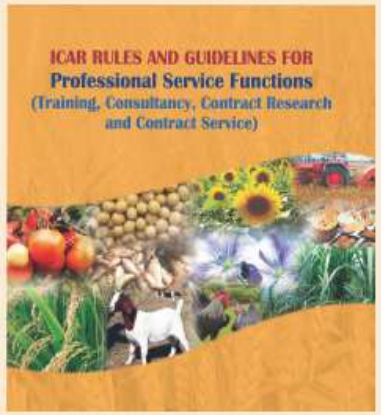
Sr No.	Year	Number of copyright Recieved	Attached PDF
1	2024	09	2024 (till now)
2	2023	18	2023
3	2022	07	2022
4	2021	05	2021
5	2020	01	2020
6	2019	16	2019
7	2018	14	2018
8	2017	08	2017
9	2016	00	-
10	2015	02	2015
11	2014	00	-
12	2013	14	2013

Gallery

Copyrights Applied

S.No.	Name of Technology(Software)/ Literary Work	Author(s)	Applied on	Diary Number
9.	P/DBPred – A web server for DNA-binding protein prediction in plant	1. Upendra Kumar Pradhan 2. Prabina Kumar Meher 3. Sanchita Naha 4. Soumen Pal 5. Ajit 6. Rajender Parsad	16.02.2024	5255/2024-CO/SW
10.	CNN_FunBar: ITS sequence based fungi taxonomic classification tool.	1. Ritwika Das 2. Anil Rai 3. Dwijesh Chandra Mishra 4. Anu Sharma 5. Bibek Saha	16.02.2024	5256/2024-CO/SW
11.	**RBPLight** - A web server for RNA binding protein prediction in plant	1. Upendra Kumar Pradhan 2. Prabina Kumar Meher 3. Sanchita Naha 4. Soumen Pal 5. Ajit 6. Rajender Parsad	16.02.2024	5257/2024-CO/SW
12.	**DBPMod** - DNA binding protein prediction for model organisms.	1. Upendra Kumar Pradhan 2. Prabina Kumar Meher 3. Sanchita Naha 4. Ajit 5. Rajender Parsad	16.02.2024	5258/2024-CO/SW
13.	SVM-Root: Computational Tool for Identification of Root-associated proteins.	1. Prabina Kumar Meher 2. Tanmaya Kumar Sahu 3. Upendra Kumar Pradhan 4. Ajit	16.02.2024	5261/2024-CO/SW
14.	mLoc-mRNA: a web server for predicting multiple sub-cellular localizations of mRNAs	1. Prabina Kumar Meher 2. Atmakuri Ramakrishna Rao	16.02.2024	5262/2024-CO/SW

Gallery



ITMU Annual Reports/Samiksha

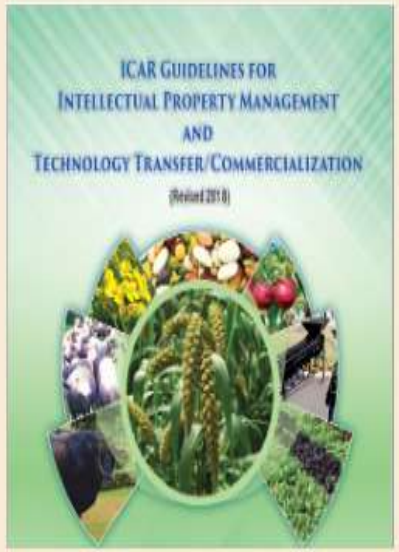
ITMU Annual Reports

- 2016-17
- 2017-18
- 2018-19
- 2019-20
- 2020-21
- 2021-22
- 2022-23
- 2023-24

Samiksha

- January-2024

Gallery



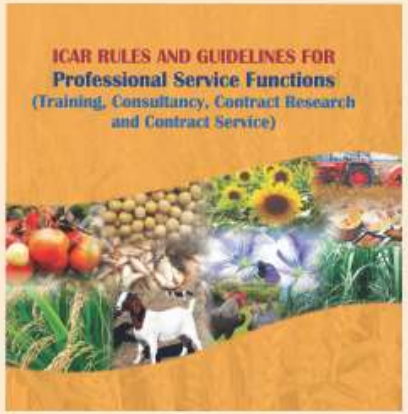
Technology Certificates

Technology Certificates Year-Wise

Number of Technology in Year-2024

Number of Technology in Year-2023 16 (Click Here)

Gallery



Saleble technology

Saleable Technology

These saleable technologies are mainly softwares, which are used in agricultural domain and the technologies could be purchased as a helping tool to solve out various purposes in the field of agriculture. The technologies details are as given below:

SPAR 2.0: Statistical Package for Agricultural Research data analysis (SPAR 2.0)

(Works better on Windows XP)

1. SPAR 2.0 is useful for the analysis of experimental research data in Plant Breeding and Genetics.
2. The package consists of eight modules (i) Data Management (ii) Descriptive Statistics (iii) Estimation of Breeding values (iv) Correlation and Regression Analysis (v) Variance and Covariance Components Estimation (vi) Stability Analysis (vii) Multivariate Analysis (viii) Mating Design Analysis.

How to purchase

SPAD: Statistical Package for Augmented Designs (SPAD)

(Works better on Windows XP/Vista/7)

1. SPAD is useful for designing agricultural experiments conducted for comparing existing practices / check varieties, called controls, with new practices / varieties / germplasm collections, called tests, where the experimental material for the tests is limited and it is not possible to replicate them in the design.

Gallery

Downloads

Download performa for Copyrights and Trademarks

Copyrights Proforma	Trademarks	NOC(Pdf) **(only for IASRI)**	NOC(Authorship in coprights of other institutes)	Undertaking

- ✓ Paid IP **Search Engine** Purchased: Yes or No (If yes, please mention the name of service provider)

  No

- ✓ Your institute is counting the NAIF (*Innovation Fund and Incubation Fund*) activities as ***PROJECT*** or in general institution building activities.

  Not as project but **Institution Building Activity**

  If it treated as "Project" then ***how much time*** *(lump-sum) you are spending on these activities eg. 5%, 10%, 20% etc. of your total duty hours in a month/year.* Also mention the date of your joining in this project as PI.

- ✓ Name of the **Designation** under NAIF: Principal Investigator (PI)/ Member Secretary/ Incharge/ Nodal officer or any other name.

  In-Charge-ITMU

- ✓ Are you having any educational **qualification in IP** as a subject. If not, please mention your training needs to fulfill the project requirements (including Co-PIs).

  No

IP & Tech Transfer Activities

Management of IP portfolio : Copyrights

IPRs	Application/ Registration No.	Name of Innovation/ Technology/ Product/ Variety	Date of Filing/ Registration	Application Granted/ Registered**	Targets(April, 2024 to March, 2025)(Nos)
Patent					
Trademarks					
Copyrights	Twenty Five (25) copyrights received in F.Y. 2023-24 (April-March-24)				14
Design					
Plant Variety					

Commercialization of Technologies: MoUs signed

SN	Name of Technology/ Know-How	IP Protection (Yes/ No)*	Name of Contracting Party	Mode of Partnership**	Date of Licensing	Revenue Earned (₹)	Targets(April, 2024 to March, 2025)(Nos)
				MoUs	Three (03) MoU signed		

Twenty Five (25) Copyrights received in FY-2023-24(April-March-24)

Copyright Office
Government of India

सत्यमेव जयते

Extracts from the Register of Copyrights

Dated : 13/04/2023

1.	Registration Number	:	SW-16146/2023
2.	Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	Title of the work	:	TPGBNVDB: THRIPS PALMI TRANSCRIPTOME DATABASE IN RESPONSE TO GROUNDNUT BUD NECROSIS VIRUS

2023:1. TpGBNVDb:Thrips Palmi transcriptome database in response to groundnut bud necrosis virus

Copyright Office
Government of India

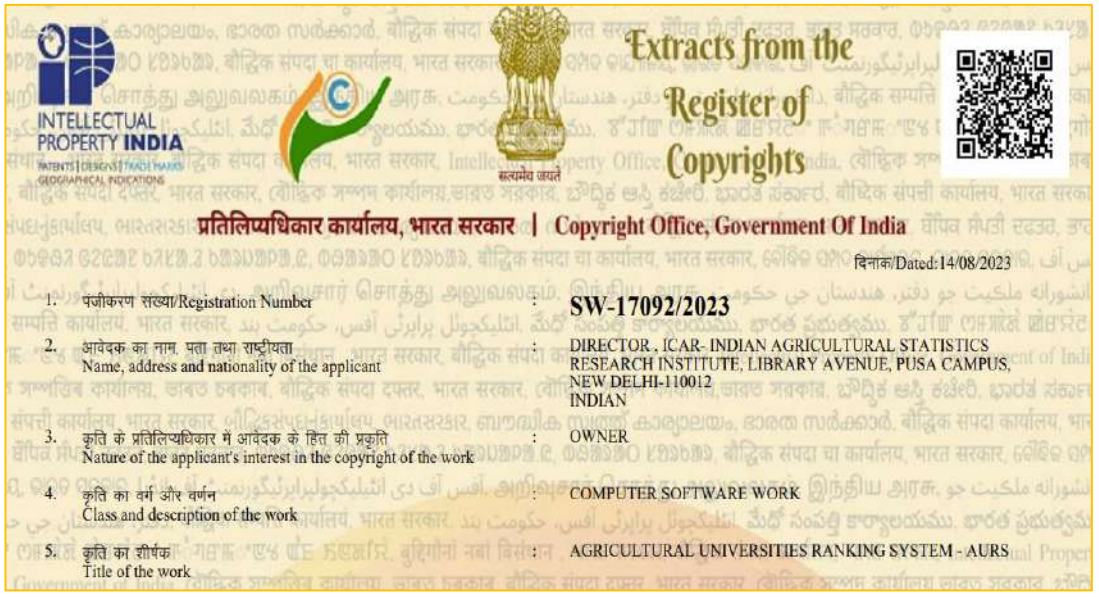
सत्यमेव जयते

Extracts from the Register of Copyrights

Dated : 23/03/2023

1.	Registration Number	:	SW-16116/2023
2.	Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, ICAR, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	Title of the work	:	BUFFGR: BUFFALO GENOMIC RESOURCE

2023:2. BuffGR: Buffalo Genomic Resource



INTELLECTUAL PROPERTY INDIA

सत्यमेव जयते

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:14/08/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17092/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR- INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	AGRICULTURAL UNIVERSITIES RANKING SYSTEM - AURS

2023:3. Agricultural Universities Ranking System - AURS

INTELLECTUAL PROPERTY INDIA

सत्यमेव जयते

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:14/08/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17093/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	KRISHI VIGYAN KENDRA KNOWLEDGE NETWORK PORTAL - KVK PORTAL

2023:4. Krishi Vigyan Kendra Knowledge Network Portal - KVK Portal

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:14/08/2023

1.	पंजीकरण संख्या/Registration Number	:	**SW-17090/2023**
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR - INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	MILLET SSR DATABASE

2023:5. Millet SSR Database

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सत्यमेव जयते

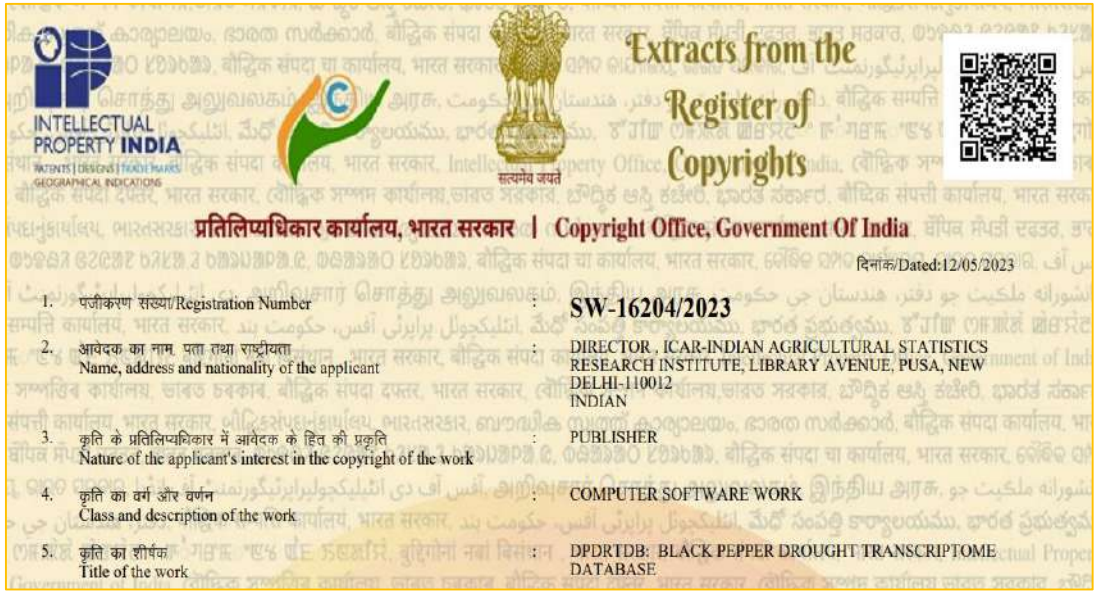
Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:13/05/2023

1.	पंजीकरण संख्या/Registration Number	:	**SW-16210/2023**
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	BLACKP2MSATDB: BLACK PEPPER POLYMORPHIC MICROSATELLITE DATABASE

2023:6. BlackP2MSATDb: Black Pepper Polymorphic Microsatellite Database



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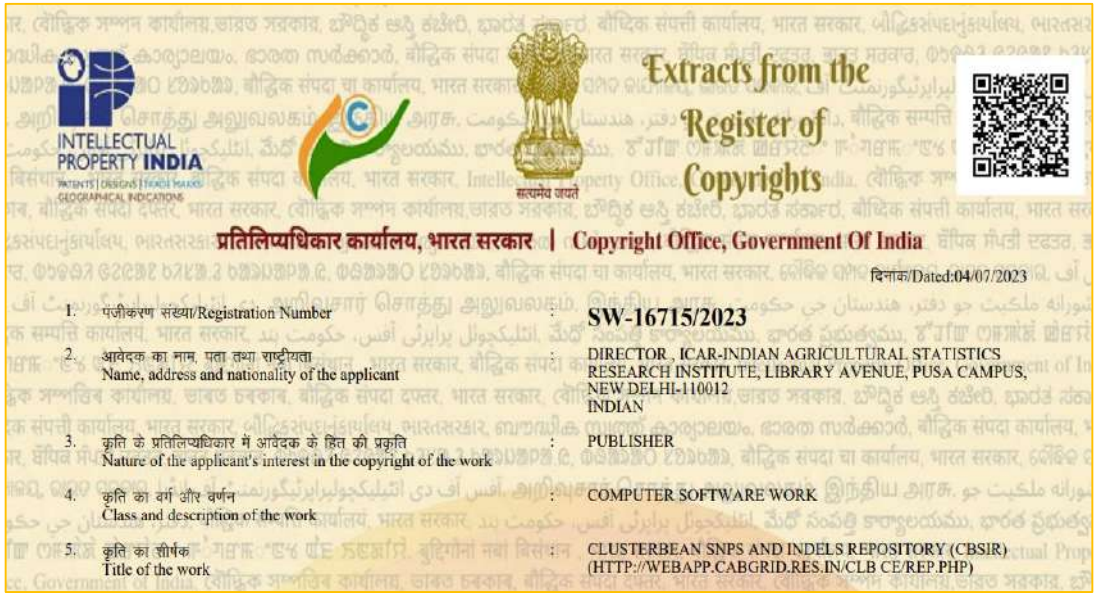
Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:12/05/2023

1.	पंजीकरण संख्या/Registration Number	:	**SW-16204/2023**
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	DPDRTDB: BLACK PEPPER DROUGHT TRANSCRIPTOME DATABASE

2023:7. BPDRTDb: Black Pepper Drought Transcriptome Database



INTELLECTUAL PROPERTY INDIA
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सत्यमेव जयते

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:04/07/2023

1.	पंजीकरण संख्या/Registration Number	:	**SW-16715/2023**
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	CLUSTERBEAN SNPS AND INDELS REPOSITORY (CBSIR) (HTTP://WEBAPP.CABGRID.RES.IN/CLB CE/REP.PHP)

2023:8. Clusterbean SNPs and INDELs Repository (CbSIR)

Copyright Office
Government of India

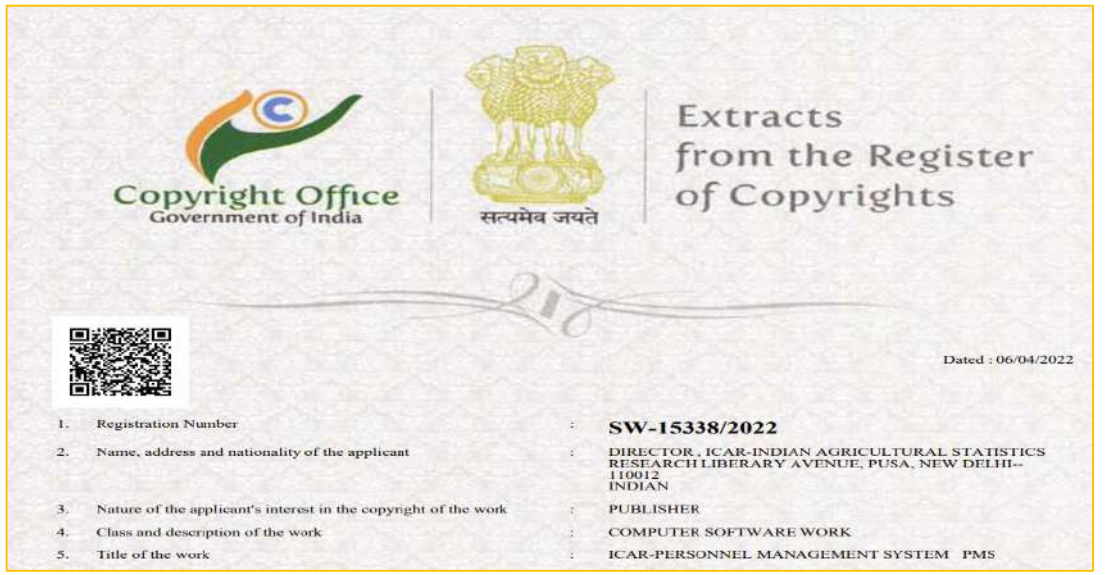
सत्यमेव जयते

Extracts
from the Register
of Copyrights

Dated : 28/06/2022

1.	Registration Number	:	SW-15526/2022
2.	Name, address and nationality of the applicant	:	ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH I , LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	OWNER
4.	Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	Title of the work	:	DARE-ICAR FOREIGN VISIT MANAGEMENT SYSTEM

2023:09. DARE-ICAR FOREIGN VISIT MANAGEMENT SYSTEM Certificate no. is of 2022, but received on 19/05/2023



Copyright Office
Government of India

सत्यमेव जयते

Extracts
from the Register
of Copyrights

Dated : 06/04/2022

1.	Registration Number	:	SW-15338/2022
2.	Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH LIBERARY AVENUE, PUSA, NEW DELHI--110012 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	Title of the work	:	ICAR-PERSONNEL MANAGEMENT SYSTEM PMS

2023:10. ICAR-PERONNEL MANAGEMENT SYSTEM PMS Certificate no. is of 2022, but received on 19/05/2023

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प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:07/12/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17701/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, ICAR, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	SIREDAM: SYSTEMATIC INFORMATION RESOURCES FOR DAIRY ANIMAL MANAGEMENT

2023:11. SIREDAM: Systematic Information Resources For Dairy Animal Management Certificate no. is of 2023, but received on 12/01/2024

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प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:26/12/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17951/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	SCMVTDB : SMALL CARDAMOM MOSAIC VIRUS TRANSCRIPTOME DATABASE

2023:12. SCMVTDB: Small Cardamom Mosaic Virus Transcriptome Database certificate no. 2023 but received on 12/01/2024

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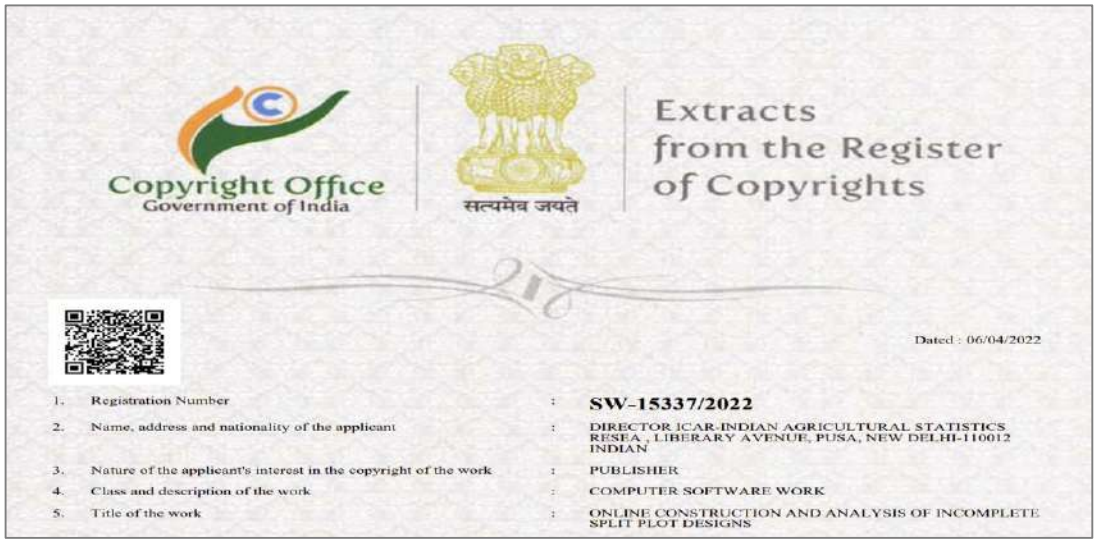
कॉपीराइट कार्यालय, भारत सरकार | Copyright Office, Government Of India

तिथि/Dated:06/04/2022

1.	पंजीकरण संख्या/Registration Number	:	SW-15339/2022
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	THE DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH LIBERARY AVENUE, PUSA, NEW DELHI--110012 INDIAN
3.	कार्य के कॉपीराइट में आवेदक की रुचि की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कार्य का वर्ग और विवरण Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कार्य का शीर्षक Title of the work	:	ICAR EDUCATION PORTAL 1.0

2023:13. Education Portal 1.0 Certificate no. is of 2022, but received on 19/05/2023



Copyright Office
Government of India

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Extracts from the Register of Copyrights

Dated : 06/04/2022

1.	Registration Number	:	SW-15337/2022
2.	Name, address and nationality of the applicant	:	DIRECTOR ICAR-INDIAN AGRICULTURAL STATISTICS RESEA , LIBERARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	Title of the work	:	ONLINE CONSTRUCTION AND ANALYSIS OF INCOMPLETE SPLIT PLOT DESIGNS

2023:14. Online Construction and analysis of incomplete Split Plot Designs Certificate no. is of 2022, but received on 19/05/2023

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प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:26/12/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17952/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	PMDINCRDB: PEARL MILLET INCRNAS DATABASE

2023:15. AHNCRNADB: Amaranthus Hypochondriacus Non coding RNA Database certificate no. 2023 but received on 12/01/2024

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प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:12/12/2023

1.	पंजीकरण संख्या/Registration Number	:	SW-17772/2023
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	AHNCRNADB: AMARANTHUS HYPOCHONDRIACUS NONCODING RNA DATABASE (HTTP://BACKLIN.CABGRID.RES.IN/AMARANTHUS_DATA BASE/INDEX.PHP)

2023:16. PMDINCRDB: Pearl Millet Incrnas Database certificate no. 2023 but received on 12/01/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:08/01/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18056/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE ICAR, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	N.A.
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	BSCM2TDB: BUFFALO SUBCLINICAL MASTITIS METHYLOME- TRANSCRIPTOME DATABASE

2024:17. BSCM2TDb: Buffalo Subclinical Mastitis Methylo Transcriptome Database received on 12/01/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:27/12/2023

1. पंजीकरण संख्या/Registration Number	:	SW-17982/2023
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK A MORE GENERAL CLASS OF ROW COLUMN DESIGNS ARE THOSE WHERE THERE ARE MORE THAN ONE EXPERIMENTAL UNITS IN EACH ROW COLUMN INTERSECTION.
5. कृति का शीर्षक Title of the work	:	WEB GENERATION OF GENERALIZED ROW COLUMN DESIGNS

2023:18. Web Generation of Generalized Row Column Designs(webGRC) certificate no. 2023 but received on 06/03/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:26/02/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18351/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR- INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	DESIGN AND DEVELOPMENT OF SOFTWARE FOR ABIOTIC STRESS -RESPONSIVE ANNOTATED ESTS IN MAJOR CEREAL CROPS, CEREALESTDB

2024:19 Design and development of software for abiotic stress-responsive annotated ESTs in major cereal crops (CerealESTDb) received on 06/03/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:13/02/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18278/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR- INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	NATUREPRED: A TOOL FOR PREDICTING CLASS OF NATURAL PRODUCTS USING ADVANCED ARTIFICIAL INTELLIGENCE TECHNIQUES

2024:20. NaturePred: A tool for predicting class of Natural Products using advanced Artificial Intelligence techniques. received on 06/03/2024

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प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:07/02/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18244/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	INFORMATIVE GENE SELECTION TOOL, IGST,

2023:21. Informative Gene Selection Tool (IGST) received on 06/03/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:22/02/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18327/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR- INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	SWEEP DISCOVERY TOOL

2023:22. Sweep Discovery Tool received on 06/03/2024

Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:30/01/2024

1. पंजीकरण संख्या/Registration Number	:	SW-18195/2024
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA CAMPUS, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	OWNER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	ONLINE SYSTEM OF IDENTIFYING AND COUNTING SPIKES IN WHEAT PLANT

2023:23. Online System of Identifying and Counting Spikes in Wheat Plant) received on 06/03/2024

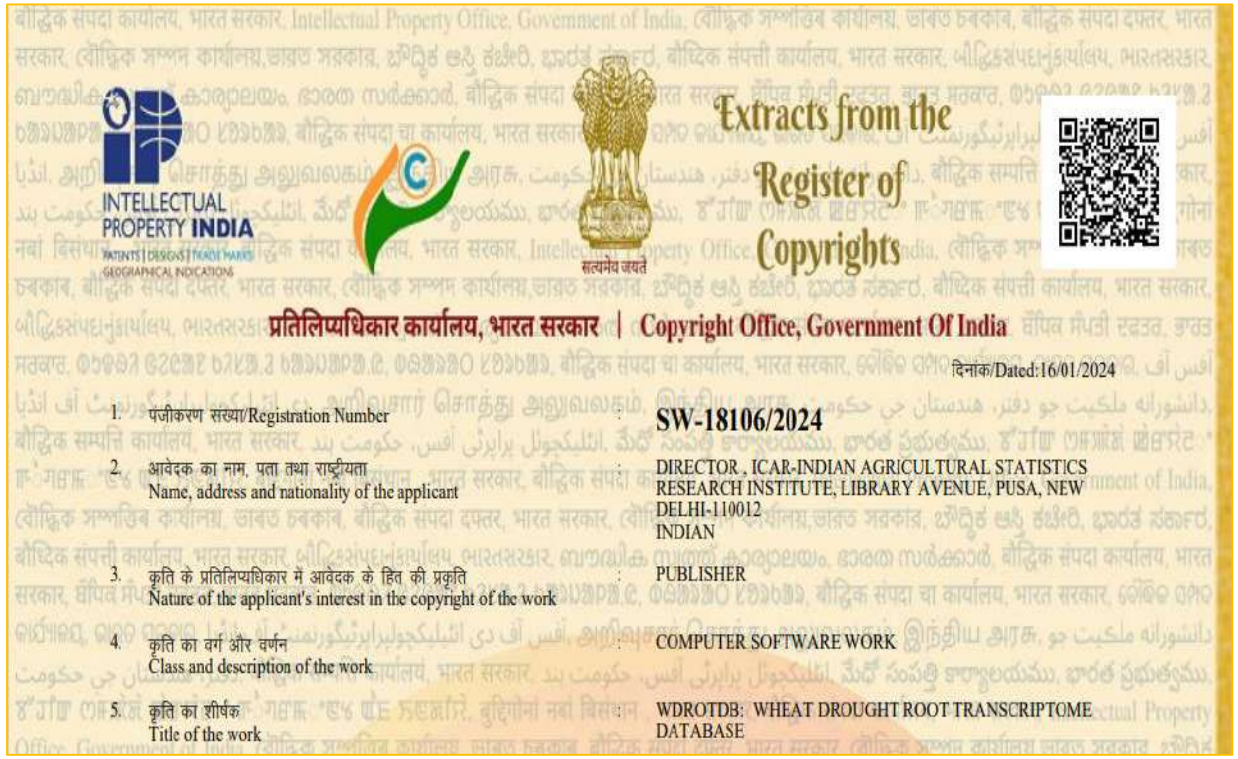
Extracts from the Register of Copyrights

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:26/12/2023

1. पंजीकरण संख्या/Registration Number	:	SW-17957/2023
2. आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3. कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4. कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5. कृति का शीर्षक Title of the work	:	BTCHILCVDB: BEMISIA TABACI ASIA II 1 TRANSCRIPTOME DATABASE IN RESPONSE TO CHILLI LEAF CURL VIRUS

2023:24. BtChiLCVDb: Bemisia tabaci Asia II 1 transcriptome database in response to chilli leaf curl virus certificate no. 2023 but received on 06/03/2024



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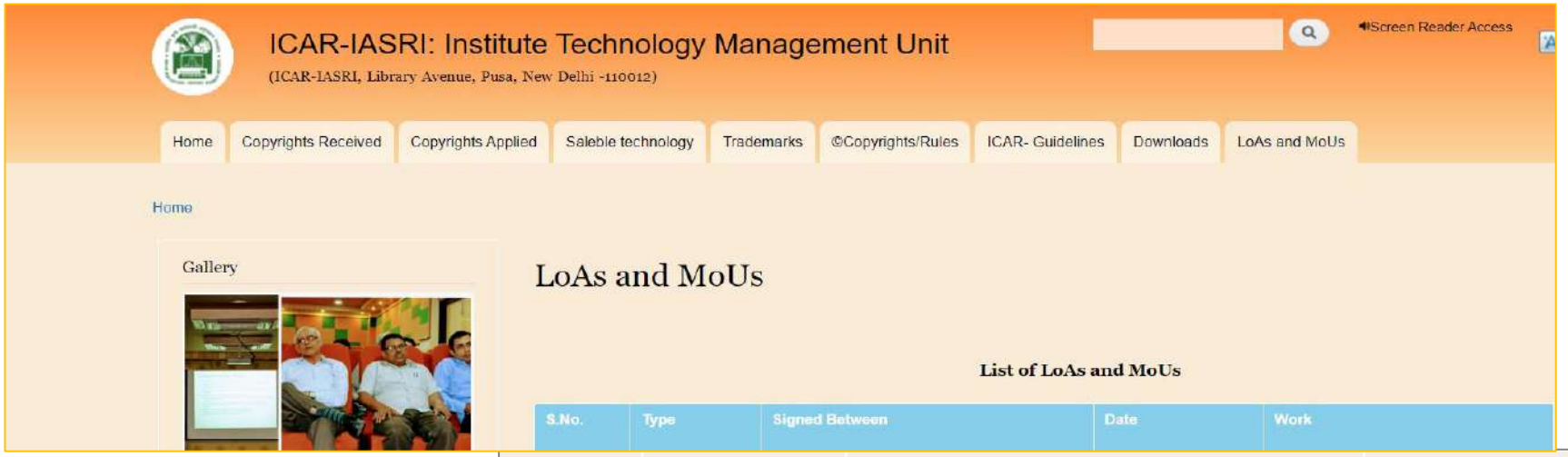
प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:16/01/2024

1.	पंजीकरण संख्या/Registration Number	:	**SW-18106/2024**
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	:	DIRECTOR , ICAR-INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE, LIBRARY AVENUE, PUSA, NEW DELHI-110012 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	:	PUBLISHER
4.	कृति का वर्ग और वर्णन Class and description of the work	:	COMPUTER SOFTWARE WORK
5.	कृति का शीर्षक Title of the work	:	WDROTDB: WHEAT DROUGHT ROOT TRANSCRIPTOME DATABASE

2023:25. WDRoTDB: Wheat Drought Root Transcriptome Database received on 06/03/2024

Three (03) MoUs signed (2023-24) uploaded on ITMU website URL:-https://iasri-old.icar.gov.in/itmu/content/loas-and-mous



14	MoU	Nanaji Deshmukh Krushi Sanjivani Prakalp(NDKSP), Department of Agriculture, Govt.of Maharashtra presently located in Mumbai through it's Project Director **And** ICAR-Indian Agricultural Statistics Research Institute, Library Avenue, Pusa, New Delhi-110012 through it's Director.	04/10/2023	. For Transferring the information available in the existing systems of ICAR-IASRI to Project on Climate Resilient Agriculture, Govt. of Maharashtra for Development of AI-ML based Digital Advisiory System for Farmers.
15	MoU(Work Plan)	ICAR-Indian Agricultural Statistics Research Institute, Library Avenue, Pusa, New Delhi-110012 **And** National Bank for Agriculture and Rural Development(NABARD) Mumbai	04/10/2023	For collaborating with one another in undertaking programmes in research, capacity building, extension, consultancy and other specified areas of national interest in various area of agriculture sciences.
16	MoU	Department of Food and Public Distribution(DFPD) Ministry of Conumer Affairs, Food and Public Distribution (MCAF&PD), Govt. of India **And** ICAR-Indian Agricultural Statistics Research Institute, Library Avenue, Pusa, New Delhi-110012	31/10/2023	Study of Sampling procedure for selection of representative sample for food grain quality check for DCP and non-DCP System.

भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

Out Reach Activities

Training/workshop/Seminar /Industry Meet etc. F.Y.(2023-2024(April-March-24): Organized(Total 39)

S. No.	Name of Institute	Name of Programme(Training/ workshop/Seminaretc.) Organized	Date of Programme	Participants (No) (Male and Female)	Type of Participants(Scientists/Scholars/Farmers/ Business People etc.)	Targets(April, 2024 to March, 2025) (Nos)
1.	ICAR-IASRI, New Delhi	Data Analysis and Interpretation" for 45th batch of Indian Statistical Service (ISS) probationers	24thJuly-04th August 2023	27	Indian Statistical Service (ISS) probationers attended the training	
2.	ICAR-IASRI, New Delhi under ICAR-Consortium Research Platform on Genomics Project	Training Programme on Omics Data Analysis: Genome to Proteome" (Coordinators: Girish Kumar Jha, Sudhir Srivastava and Sneha Murmu)	9th-18th October, 2023	50		

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3.	ICAR-IASRI, New Delhi	Data Science in Agriculture	4th-15th September 2023	90	ICAR institutes, SAU's and other institutes.
4.	CSK Himachal Pradesh Agricultural University, Palampur, Himachal Pradesh	Workshop on "NARES-Blended Learning Platform (BLP)"	04th–05th October,2023	36	
5.	ICAR-Central Institute of Fisheries Education	Workshop on "NARES-Blended Learning Platform(BLP)")	06-October,2023	115	
6.	Anand Agricultural University	Workshop on "NARES-Blended Learning Platform(BLP)"	10-October,2023	124	Anand Agricultural University
7.	MPUAT, Udaipur	Workshop on "NARES-Blended Learning Platform(BLP)"	12th October, 2023	100	MPUAT, Udaipur
8.	Acharya Narendra Deva University of Agriculture and Technology	Workshop on "NARES-Blended Learning Platform(BLP)"	13th -October-2023	186	Acharya Narendra Deva University of Agriculture and Technology
9.	Banaras Hindu University	Workshop on "NARES-Blended Learning Platform(BLP)"	17th -October,2023	136	

10.	SKNAU-Jobner	Workshop on "NARES-Blended Learning Platform (BLP)"	26th -27th October, 2023	668	
11.	SKUAST-Kashmir	Workshop on "NARES-Blended Learning Platform(BLP)"	30th -31st October, 2023	29	.
12.	Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP)	Workshop on "NARES-Blended Learning Platform(BLP)"	30th -31st October, 2023	147	
13.	Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya(DUVASU), Mathura	Workshop on "NARES-Blended Learning Platform (BLP)"	30th -31st October, 2023	472	
14.	Orissa University of Agricultural and Technology	Offline Worshop on NARES _BLP	2nd – 3rd November-2023	85	

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15.	Offline Worshop on NARES _BLP	Lala Lajpat Rai University of Veterinary and Animal Sciences	3rd -4th November-2023	70	
16.	Banda University of Agriculture and Technology	Offline Worshop on NARES _BLP	23rd-24th November-2023	128	
17.	Assam Agricultural University	Blended Learning Programmes	30th November,- 1st December-2023	95	
18.	Dau Shri Vasudev Chandrakar Kamdhenu Vishwavidyalaya, Durg	Blended Learning Programmes	7th–8th , December-2023	166	
19.	Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth	Blended Learning Programmes	5th–6th , December-2023	143	
20.	Dr. Rajendra Prasad Central Agricultural University	Blended Learning Programmes	15th–16th, December-2023	53	

Continued from Previous Slide….

21.	Indira Gandhi Krishi Vishwavidyalaya	Blended Learning Programmes	14th–15th December-2023	78	
22.	Jawahralal Nehru Krishi Vishwa Vidyalaya	Blended Learning Programmes	12th–13th December-2023	42	
23.	Nanaji Deshmukh Veterinary Science University Jabalpur	Blended Learning Programmes	14th-15th December-2023	27	
24.	UAS Dharwad	Blended Learning Programmes	21st–22nd December-2023	56	
25.	Vishwa Bharti	Blended Learning Programmes	21st–22nd December-2023	25	
26.	ICAR-IASRI, New Delhi	"सरकारी काम-काज को हिन्दी में करने के लिए ई-टूल्स तथा राजभाषा नियम अधिनियम की जानकारी"	30th मई, 2023	26	Administrative Staff of IASRI
27.	ICAR-IASRI, New Delhi	"कृषि में सांख्यिकीय और मशीन लर्निंग तकनीक का परिचय"	06th -12th June -2023	25	Scientist Technical Staff
28.	ICAR-IASRI, New Delhi	"Indian Workshop on Applied Deep Learning"	12th -16th June- 2023	105	Persons from IIT and BITS Pilani

Continued from Previous…

29.	ICAR-IASRI in collaboration with Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior- RVSKVV	Analysis of Agricultural Data using Statistical and Data Mining	11th-20th July-2023	225	
30.	ICAR-IASRI, New Delhi	"R and Statistical Analysis"	19th-20th July -2023	19	
31.	ICAR-IASRI, New Delhi	Sensitization Workshop On Introduction To Virtual Reality Modules For Students Of Agricultural Universities	5th -7th July- 2023	46	Agriculture University Staff
32.	Chaudhary Charan Singh Haryana Agricultural University	Offline Worshop on NARES _BLP	3rd- 4th November-2023	125	

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33.	ICAR-IASRI, New Delhi	Workshop on Metagenomics Data Analysis (Coordinators: Girish Kumar Sha, Anu Sharma, Samir Farooqi and Sneha Murmu)	11th-13th December, 2023	36	
34.	ICAR-IASRI, New Delhi	Training Programme on Blended Learning Techniques for Quality Higher Education (Coordinators: Rajender Parsad, Sudeep Marwaha, Cini Varghese, S.N. Islam, Sapna Nigam, Madhu)	19th -26th , December-2023	21	
35.	ICAR-IASRI, Online Mode. New Delhi	One-week Online HRM training program on "Blended Learning Techniques for Quality Higher Education".	19th -26th , December-2023	21	
36	ICAR-IASRI, Online Mode. New Delhi	HRM training program on “Digital Competency, New Tools and Software for Efficient Computer Applications”	3rd -9th , January-2024		

Continued from Previous Slide….

33.	ICAR-IASRI, New Delhi	Statistical and Computational Advances for Bioinformatics Data Analysis in Agriculture: Practical Aspects during January 2-22, 2024 under the aegis of Centre of Advanced Faculty Training (CAFT) sponsored by Education Division, ICAR, New Delhi	2nd-22th January, 2024	150	
34.	ICAR-IASRI, New Delhi	Recent Advances in Data Analysis and Applications for scientific and technical personnel of NARES under HRM unit of ICAR from January 16-22, 2024	16th-22th January, 2024	50	
35.	ICAR-IASRI, New Delhi	Advanced Forecasting Techniques in Agriculture Science Research during January 24-February 13, 2024 under the aegis of Centre of Advanced Faculty Training sponsored by Education Division, ICAR, New Delhi.	24th -13th February, 2024	25	

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36.	ICAR-IASRI, Online Mode, New Delhi	Training programme on "E-Governance Tools and Applications in ICAR" during 08-14 February, 2024	8th -14th February, 2024	50	
37.	ICAR-IASRI, Online Mode, New Delhi	Training program on "Decoding Genomics and Proteomics data using Machine Learning Approach" during February 21-27, 2024	21th -27th February, 2024	50	
38.	ICAR-IASRI, Online Mode, New Delhi	Online Training Program on RNAome:Profiling and characterization of non-coding RNAs | Submission Deadline : 11th March, 2024	11th March-2024		
39.	ICAR-IASRI, Online Mode, New Delhi	Ten Days Virtual Training on "Genomic Data Analysis in Agriculture" under DBT project to be held from 18-28 March 2024	18th -28th March, 2024		

Out Reach Activities

Professional Services: Consultancy services

S N	Name of Technology/ Know-How/Service Provided	IP Protection (Yes/ No)*	Name of Contracting Party	Mode of Partnership** Consultancy/ Contract Service & Research)	Date of MoU/MoA Signing	Revenue Earned (₹)	Targets(April, 2024 to March, 2025) (Nos)
Consultancy Service - Two Contract Research - Two							

Training/workshop/Seminar etc. Organized: Customized Trainings

SN	Name of Programme (Training/workshop/etc.) Organized	Date of Programme	Participants (No) (Male and Female)	Type of Participants (Scientists/Scholars/ Farmers/Business People etc)	Targets(April, 2024 to March, 2025) (Nos)
	Customized Trainings Organized - Two				

Consultancy Project Details for the year 2023

SN	Name(s) of Scientists/Staff w.r.t. Professional Service	Title/Subject/ Project/ Assignment/ Technology	Contracting Party (Name and Address)	Income Generation			Time Period[5]	Additional Notes/ Remarks
				Income Received or to be received (₹)	Intellectual Fee (₹) or Share given to Scientist/ Staff	Institutional Earnings (₹)		
1.	Dr. Tauqueer Ahmad and Team	Study on reviewing the food loss index estimates for India and preparing assessment report for inclusion of the SDG indicator12.3.1 in the national indicator framework	FAO India	14,47,369.00 **₹ 14.47 Lakhs**	7,74,805.00	6,72,564.00	6 Months	Date of start: 11.11.2022 Date of Completion: 10.05.2023
2.	Dr. Tauqueer Ahmad and team	Sampling Procedure for selection of representative sample for food grain quality check for DCP (Decentralized Procurement Scheme) and Non-DCP System	Ministry of Consumer Affairs, Food & Public Distribution (MCAFPD), Govt of India	2,45,08,506.00 **₹ 2.45 Crore**			24 Months	Date of Start: 31.10.2023. Date of Completion: 30.10.2025

Contract Research Project Details for the year 2023

SN	Name(s) of Scientists/Staff w.r.t. Professional Service	Title/Subject/ Project/ Assignment/ Technology	Contracting Party (Name and Address)	Income Generation			Time Period[5]	Additional Notes/ Remarks
				Income Received or to be received (₹)	Intellectual Fee (₹) or Share given to Scientist/ Staff	Institutional Earnings (₹)		
1.	Dr. Sudeep Marwaha and Team	Recruitment Management System for Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya (RMS-RVSKVV)	Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya (RVSKVV), Gwalior	13,84,123.00 **₹ 13.84 Lakhs**	3,60,000.00	4,62,986.00	12 Months	Date of start: 25.09.2023 Date of Completion: 24.08.2024
2.	Dr. Sudeep Marwaha	To enhance and support the e-voting system for the Indian Dairy Association (IDA)	Indian Dairy Association (IDA)	2,21,193.00 **₹ 2.21 Lakhs**	64,000.00	83,031.00	03 Months 12 Days	Date of Start: 01.03.2024. Date of Completion: 12.06.2024

Customized trainings Details for the year 2023

SN	Name(s) of Scientists/Staff w.r.t. Professional Service functions or technology commercialization	Title/Subject/ Project/ Customized Training	Income Generation			Time Period	Additional Notes/ Remarks
			Income Received or to be received (₹)	Number of participants	Institutional Earnings (₹)		
1.	Dr. Ajit and Team	**"Data Analysis and Interpretation" for ISS Probationers**	9,69,669.00 **₹ 9.69 Lakhs**	**27** Male-16 Female-11	1,61,611	2 weeks	Date of start: 24.07.2023 Date of Completion: 04.08.2023
2.	Dr. Alka Arora and Team	**Data Science in Agriculture**	**94,000.00** **₹ 0.94 Lakh**	**90** Male: 51 Female: 39	94,000/=	2 weeks	Date of start: 04.09.2023 Date of Completion: 15.09.2023

ICAR-IASRI Technologies certified by SMD in F.Y. 2023-2024 (Sixteen)

SN	Name of the Technologies/Products	Developers	
		Lead	Associates
1	**Krishi Vigyan Kendra Knowledge Network Portal (KVK Portal) & KVK Mobile App. (2022)**	Dr. Alka Arora	Dr. Sudeep Marwaha, Dr. A.K.Chaubey, Dr. S.N.Islam, Dr. Soumen Pal, Dr. Ajit, Dr. Rajnjit Kumar Paul, Dr. Sanchita Naha, Dr P. Adhiguru
2.	**AI-DISC (Artificial Intelligence based Disease Identification Systems for Crops). (2022)**	Dr. Sudeep Marwaha	Dr. R.C.Agrawal, Dr. Rajender Parsad, Dr. Ramasubramanian V., Dr. Alka Arora, Dr. Anshu Bharadwaj, Dr. Ajit, Dr. Shashi Dahiya, Dr. S.N. Islam, Dr. Chandan Kumar Deb, Dr. Md. Ashraful Haque, Dr. Sapna Nigam, Dr. Mrinmoy Ray, Dr. Achal Lama, Dr. Soumen Pal, Dr. Rajni Jain, et al.
3.	**End-to-End solution: e Livestock Integrated Sample Survey (eLISS) Web Portal & App. (2021)**	Dr. Prachi Misra Sahoo	Dr. Tauqueer Ahmad, Dr. Anil Rai, Dr. Ankur Biswas, Mr. Chirag Vasudev
4.	**Prediction server for discovery of DNA and RNA-binding proteins in plant. (2022)**	Dr. Upendra Kumar Pradhan	Dr. Prabina Kumar Meher, Dr.Sanchita Naha, Dr. Ajit, Dr. Soumen Pal, Dr. Rajender Parsad
5.	**ICAR-Technology Repository Ver 1.0 and ICAR Technologies Mobile App. (2021)**	Dr. Rajender Parsad	Dr. Appavoo Dhandapani, Dr. Mukesh Kumar, Dr. Anshu Bharadwaj

6.	KCC-CHAKSHU: Collated Historically Aggregated Knowledge-based system with Hypertext User-interface. (2022)	Mr. Samarth Godara	Dr. Madhu, Dr. Sanchita Naha, Dr. J.P.S Dabas, Dr. Rajender Parsad, Dr. Sudeep, Dr. R.S.Bana, Dr. Raju Kumar, Dr. Gograj Singh Jat, Dr. Abimanyu Jhajhria, Dr. Shashi Dahiya, Dr. Anshu Bharadwaj, Dr. Deepak Singh , Dr. Shbana Begam, Dr. Jatin Bedi,
7.	Prediction server for discovery of abiotic stress-responsive non-coding RNAs. (2022)	Dr. Prabina Kumar Meher	Dr. Upendra Kumar Pradhan, Dr. Sanchita Naha, Dr. Atmakuri Ramakrishna Rao, Dr. Ajit, Dr. Soumen Pal
8	Prediction server for multiple localization of coding and non-coding RNAs. (2021)	Dr. Prabina Kumar Meher	Dr Atmakuri Ramakrishna Rao
9.	Web generation of generalized row-column designs (webGRC). (2022)	Dr. Anindita Datta	Dr. Seema Jaggi, Dr. Cini Varghese, Dr. Eldho Varghese, Dr. Arpan Bhowmik, Dr. Mohd Harun
10.	Sampling methodology for agriculture census. (2021)	Dr. Tauqueer Ahmad	Dr. Prachi Misra Sahoo, Dr. Anil Rai, Dr. Ankur Biswas
11.	Sampling methodologies for food loss measurement in horticultural crops, livestock and fish. (2020)	Dr. Tauqueer Ahmad	Dr. Anil Rai, Dr. Prachi Misra Sahoo, Dr. Ankur Biswas

12.	Web enabled phytochemical knowledge-based system for crop protection. (2021)	Dr. Sukanta Dash	Dr. Anupama Singh, Dr. Anil Kumar, Dr. Anirban Datta, Dr. Suman Manna, Dr. Abhishek Mandal, Dr. Rajesh Kumar, Dr. Aditi Kundu, Dr. Neeraj Patanjali, Dr. R Roy Burman, Dr. Supradip Saha, Dr. G A Rajanna, Dr. V. Shanmugam, Dr. Ramesh K Yadav, Dr. Bhagyashri S
13.	Software for identification of circadian genes in plants. (2021)	Dr. Prabina Kumar Meher	Dr. Tanmaya Kumar Sahu
14.	An information system to support therapeutic management of foot and mouth disease of cattle. (2021)	Dr. Tanmaya Kumar Sahu	Dr Prabina Kumar Meher, Dr. Atmakuri Ramakrishna Rao
15.	Abiotic stress-responsive genes, gene ontology and metabolic pathways of major cereal crops. (2020)	Mr. Sanjeev Kumar	Dr. Ani Rai, Dr. K.K Chaturvedi, Dr. S.B Lal Dr. Md. Samir Farooqi, Dr. D.C Mishra, Dr. Jyotika Bhati, Dr. Arijit Saha, Dr. Pankaj Kumar Pandey, Dr. Anuj Kumar
16.	Web application for trait specific gene selection. (2021)	Dr. Md. Samir Farooqi	Dr. D.C.Mishra, Dr. K.K.Chaturvedi, Dr. Sudhir Srivastava

Specific Issues

Issues:

- *The Copyright applications are now taking very long time at the initial stage.*
- *The Copyright applications are repeatedly being returned by Copyright office with number of minor queries and thus being delayed a lot.*

Proposed future targets for 2024-25

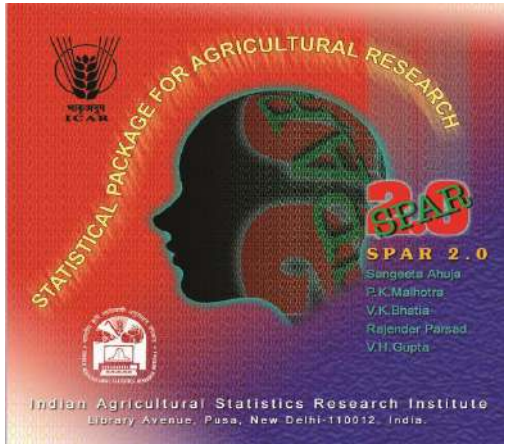
- **To acquire Copyrights for new products/software (Fourteen)**
- **Sensitization Workshop on IPRs/Copyrights for faculty and students (Two)**
- **Conducting sponsored Training Programs (Two)**
- **Undertaking Consultancy/Contract research projects (Two)**
- **Preparing Licensing Proposal for Academic Management System and other Informatics Tools**
- **Strengthening KRISHI-IPR Repository**

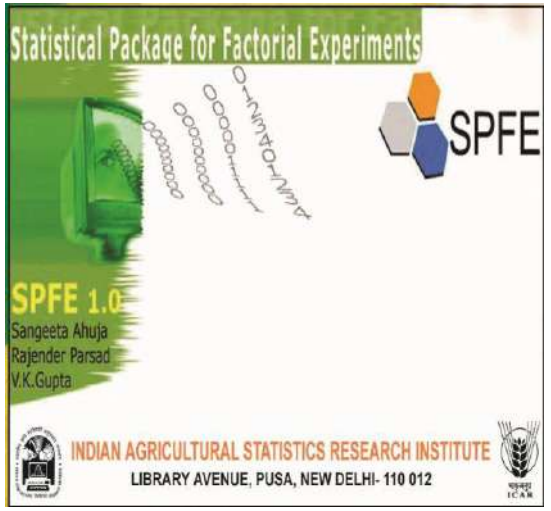
भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

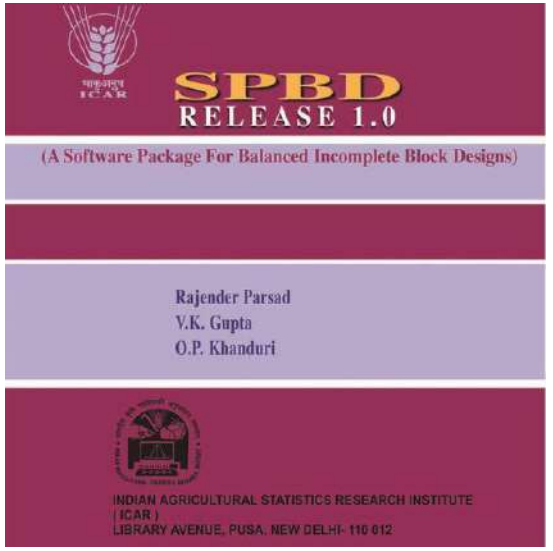
Sale of statistical Packages: 2018 to 31-12-2023

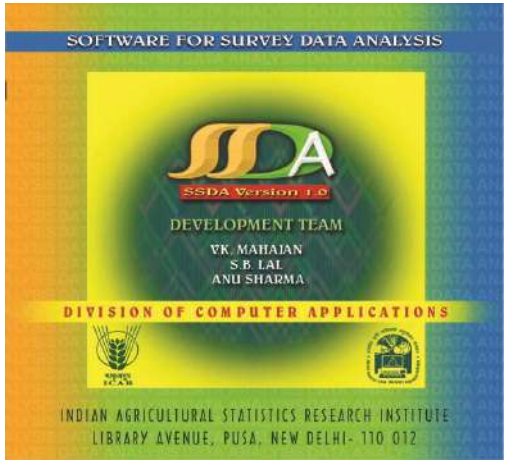
No. of Licenses sold: 43

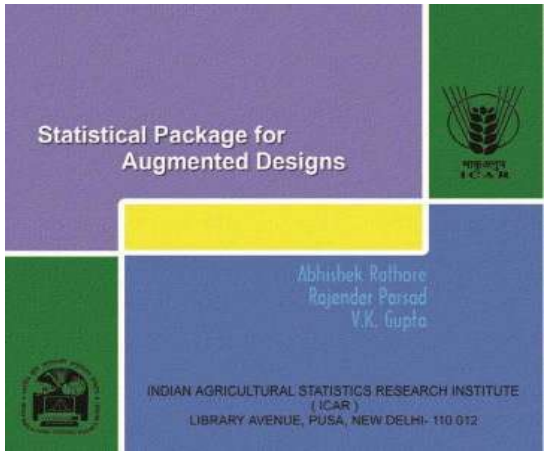
Resource generation: Rs 72,500/-

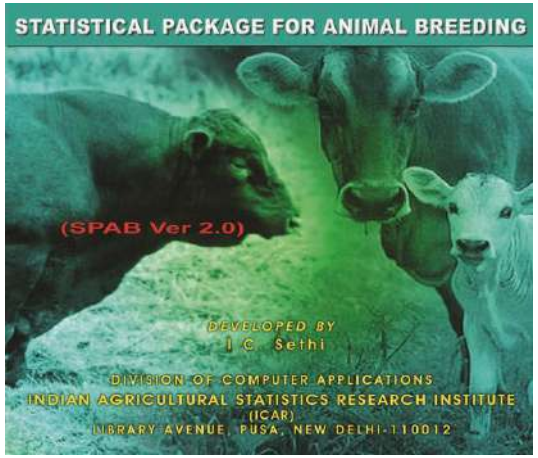












भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

ICAR IPR Repository

1. Go to https://krishi.icar.gov.in/icaripdb/
2. Login with KRISHI Nodal email (krishi.xxxxx@icar.gov.in) or ITMU email (itmu.xxxxx@icar.gov.in)
3. Go to **Kno List** -> (Choose any of one: Patents/Copyrights/Variety Registration) -> Click on **Accepted**
4. Display of all Patents/Copyrights/Variety Registration list
5. Click on **View** to check details of submitted data.
6. For making corrections, click on **Update**
7. Do not press "Final Submission" on Preview Page during update of information of already Approved patents/copyrights/variety registration, otherwise it's again in workflow for Review steps. In case "Final Submission" option is used, then it will again go under workflow and need to be approved.
8. For Approving of complete submitted data, Go to **Take-Task** -> (Choose any of one: Patents/Copyrights/Variety Registration) -> Click on **Accept**
9. **New records can be filled by click on Submit New after login**

ICAR-IPR Repository

(Agricultural Knowledge Resources and Information System Hub for Innovations)

(An initiative of Indian Council of Agricultural Research)

https://krishi.icar.gov.in/icaripdb

ICAR established a three-tier intellectual property (IP) management system in 2006 to manage the intellectual assets, whereby each institute is equipped with knowledge, manpower and freedom of decision, which is governed by its "Guidelines for Intellectual Property Management and Technology Transfer/ Commercialization" (ICAR 2006- which is again revised in 2018). To institutionalize this system, ICAR had also launched a scheme in its XI plan budget, which completed 5 years in 2012. Under this system, Institute Technology Management Units (ITMUs) headed by scientific personnel, were formed at all ICAR institutes. To facilitate these ITMUs, five Zonal Technology Management Centres (ZTMCs) were opened in different zones for technology protection, promotion and commercialization. At central level, Intellectual Property and Technology Management (IP&TM) Unit is leading this system by providing budget, technical support in case to case basis and assistance for IP related legal issues. Based on the encouraging lessons learnt during the XI Plan, the scope in the proposed XII Plan scheme is considerably enhanced.

The enhanced scope is thus given the new name, 'National Agriculture Innovation Fund' with two components viz. Component I: Innovation Fund (the XI Plan Scheme of Intellectual Property Management and Transfer/ Commercialization of Agricultural Technologies); and Component II: Incubation Fund (Supporting Agri-business Incubation Centres in institutions developing agricultural technologies).

ICAR institutes are using different IP tools to protect their intellectual assets viz. patents, trademarks, copyrights and designs. To compile these assets in a scientific manner with its regular updation at inventor level, a workflow based repository for Patents obtained/in process is made available for researchers/ policymakers.

Budget Requirement

Head	Total fund released during 2023-24 in Rs.	Expd. Incurred during 2023-24 in Rs.	Unspent fund/ balance available (2-3)	Requirement of funds (2024-25)				
				01st Quarter (Apr. to June)	02nd Quarter (July to Sept.)	03rd Quarter (Oct. to Dec.)	04th Quarter (Jan. to March)	Total (5+6+7+8)
1	2	3	4	5	6	7	8	9
A. Grant in Aid (Capital)								
(i) Equipments/ Infrastructure	-	-	-	-	-	-	-	-
(i) Minor Works**	-	-	-					-
Total (A) =	-	-	-	-	-	-	-	-
B. Grant in Aid (General)								
(i) Salary to Contractual Staff		3,71,404		1,26,000	1,26,000	1,26,000	1,26,000	5,04,000
(ii) Contingencies***		8,500		16,000	-	16,000	-	32,000
(iii) Copyrights D.D		-		6,000	6,000	6,000	6,000	24,000
(iv) Stationary		-		5,000	5,000	5,000	5,000	20,000
Total (B) =	3,80,000	3,79,904	96.00	1,53,000	1,37000	1,53,000	1,37000	5,80,000
Grant Total (A+B) =	**3,80,000**	**3,79,904**	**96.00**	**1,53,000**	**1,37,000**	**1,53,000**	**1,37,000**	**5,80,000**

** List of ITMU/ZTMU Infrastructure items which required for NAIF Project only.* ***NIL***

*** Details of Minor works for ITMU/ZTMU (Separately).* ***NIL***

**** IP Related activities* ***DD of Copyrights, Toner cartridge for copier/Printer, Stationary and other miscellaneous Expenses.***

Suggestions emerged during 28 June 2023 Meeting

- **Prepare a Technology Booklet**
- **Include one Outside IP expert (may be lawyer) in ITMC and pay their fee from ITMU Budget**
- **At least one meeting of ITMU/ITMC in a year**
- **All Copyright applications should be routed through ITMU**
- **Prepare a Leaflet on IASRI ITMU website and share with ICAR-ITMC and all ICAR-Institutes**

भारतीय कृषि सांख्यिकी अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद्)
लाइब्रेरी एवेन्यू, पूसा, नई दिल्ली–110 012

STATISTICS HAS NO ROOTS WITHOUT OTHER DISCIPLINES

OTHER DISCIPLINES HAVE NO FRUITS WITHOUT STATISTICS

धन्यवाद

THANK YOU