



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: ICAR - National Dairy Research Institute [ARI-U-0171]

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
National Dairy Research Institute	Academic Department with lab facility	Dairy Science	At all level	Both	793	161	681

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	No	Not Required
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Milk Processing and Value Addition	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	01-04-2019 00:00:00	10-04-2019 00:00:00	10	Within Campus	0	0	21	0	21	No	No

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

2	Commercial Dairy Farming	IPR	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	22-04-2019 00:00:00	27-04-2019 00:00:00	6	Within Campus	0	0	13	0	13	No	No
3	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Within Campus	0	0	18	0	18	No	No
4	Milk Processing and Value Addition	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	01-07-2019 00:00:00	10-07-2019 00:00:00	10	Within Campus	0	0	15	0	15	No	No
5	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	15-07-2019 00:00:00	20-07-2019 00:00:00	6	Within Campus	0	0	14	0	14	No	No
6	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	26-08-2019 00:00:00	31-08-2019 00:00:00	6	Within Campus	0	0	13	0	13	No	No
7	Milk Processing and Value Addition	IPR	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	02-09-2019 00:00:00	11-09-2019 00:00:00	10	Within Campus	0	0	8	0	8	No	No

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

8	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	14-10-2019 00:00:00	19-10-2019 00:00:00	6	Within Campus	0	0	13	0	13	No	No
9	Milk Processing and Value Addition	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	16-12-2019 00:00:00	25-12-2019 00:00:00	10	Within Campus	0	0	14	0	14	No	No
10	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	23-12-2019 00:00:00	28-12-2019 00:00:00	6	Within Campus	0	0	19	0	19	No	No
11	Commercial Dairy Farming	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	02-03-2020 00:00:00	07-03-2020 00:00:00	6	Within Campus	0	0	26	0	26	No	No
12	Commercial Dairy Farming and Milk Processing	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Society for Innovation and Entrepreneurship in Dairying (SINED-TBI)	16-03-2020 00:00:00	25-03-2020 00:00:00	10	Within Campus	0	0	21	0	21	No	No
13	Entrepreneurship Development Awareness Programme	Entrepreneurship/Startup	Awareness	Institute Lead Activity	ICAR-National Dairy Research Institute Karnal	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	234	5	0	0	239	No	No

Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition	Title of Innovation / Start-up	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate /	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

											nts		Secured	Secured the Award / Recognition	represent the activity /event?		
1	4th BRICS-Young Scientist Forum-2019	Innovation	Innovation Contest	BRICS Rio de Janeiro	International Agencies	06-11-2019 00:00:00	08-11-2019 00:00:00	3	24	0	24	Yes	BRICS-Young Innovator Prize-2019 (First place USD 25000)	Nano-fluid based low cost milk chilling system	No	Award / Position / Recognition Secured	BRICS-Young Innovator Prize-2019 (First place USD 25000)
																Title of Innovation / Start-up Secured the Award / Recognition	Nano-fluid based low cost milk chilling system
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
2	India Innovation Growth Program-(IIGP2.0)	Innovation	Innovation Contest	Department of Science and Technology	Govt. Agency (Central)	17-07-2019 00:00:00	17-07-2019 00:00:00	1	1	0	1	Yes	India Innovation Growth Program-(IIGP2.0) - University Challenge Award-2019	Nano-fluid based low cost milk chilling system	No	Award / Position / Recognition Secured	India Innovation Growth Program-(IIGP2.0)-University Challenge Award-2019
																Title of Innovation / Start-up Secured the Award / Recognition	Nano-fluid based low cost milk chilling system
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
3	International Exhibition and Conference on Cold Chain, Industrial Refrigeration and Reefer Transportation	Innovation	Innovation Contest	Indian Society of Heating, Refrigerating and Air Conditioning Engineers	Corporate / Industry Association	21-11-2019 00:00:00	21-11-2019 00:00:00	1	1	0	1	Yes	First Prize (Cash Prize INR 25,000)	Nano-fluid based low cost milk chilling system	No	Award / Position / Recognition Secured	First Prize (Cash Prize INR 25,000)
																Title of Innovation / Start-up Secured the Award / Recognition	Nano-fluid based low cost milk chilling system
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

4	Student Research Convention (North Zone)	Innovation	Innovation Contest	ANVESH AN	Govt. Agency (Central)	16-01-2020 00:00:00	17-01-2020 00:00:00	2	1	0	1	Yes	First Position	Deciphering the Role of Probiotic Lactobacilli on DNA and Histone Modifications in Intestinal Epithelial Cells	No	Award / Position / Recognition Secured	First Position
																Title of Innovation / Start-up Secured the Award / Recognition	Deciphering the Role of Probiotic Lactobacilli on DNA and Histone Modifications in Intestinal Epithelial Cells
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
5	Student Research Convention	Innovation	Innovation Contest	ANVESH AN	Govt. Agency (Central)	16-01-2020 00:00:00	17-01-2020 00:00:00	2	1	0	1	Yes	Third	Technological Interventions For Textural Improvement of Goat Milk Based Probiotic Yogurt	No	Award / Position / Recognition Secured	Third
																Title of Innovation / Start-up Secured the Award / Recognition	Technological Interventions For Textural Improvement of Goat Milk Based Probiotic Yogurt
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Student Ready Rural Dairy Work Experience Programme-I	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dairy Technology Division	01-07-2019	31-07-2019	31	Offline	34	120
2	Student READY Rural Dairy Work Experience	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dairy Technology Division	10-01-2019	15-05-2019	126	Offline	39	100
3	Student Ready-II Industrial or Laboratory Exposure	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Dairy Technology Division	01-07-2019	31-07-2019	31	Offline	43	120
4	Intellectual Property and Its Management in Agriculture	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Master	Multidisciplinary	14-01-2020	06-06-2020	145	Offline	135	50

LiList the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Student READY III Experiential Learning Programme	Innovation	MDP in I&E / IPR	Dairy Technology Division	01-10-2019	10-01-2020	102	Offline	42	200

List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	Dr. Ashish Kumar Singh	Dairy Technology Division	Principal Scientist	No	No			
2	Gaurav Kr Deshwal	Dairy Technology Division	Scientist	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
3	Dr. Naresh Kumar Goyal	Dairy Microbiology Division	Principal Scientist	No	No			
4	Dr. S K Jha	Dairy Extension Division	Principal Scientist	Highest degree name in I&E and IPR	Post Graduate Diploma in Technology Management in Agriculture			
				Degree Type	Diploma			
				Year of Highest degree in I&E and IPR	2012			
				No	No			
5	Dr. P N Raju	Dairy Technology Division	Scientist	No	No			
6	Dr. Rajan Sharma	In-charge ZTMC ITMU Cell	Principal Scientist	Highest degree name in I&E and IPR	Post Graduate Diploma in Technology Management in Agriculture			
				Degree Type	Diploma			
				Year of Highest degree in I&E and IPR	2012			
				No	No			

List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

No Data Filled!

List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Experiential Learning Unit	Startup Cell	2017	Co-working Space, Work Stations	Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Ashish Kumar Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>Ashish.Singh@icar.gov.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9671392406</td> </tr> </table>	Facility Incharge Name	Dr. Ashish Kumar Singh	Facility Incharge Email	Ashish.Singh@icar.gov.in	Facility Incharge Phone	9671392406	7	Yes	No	Yes
Facility Incharge Name	Dr. Ashish Kumar Singh																
Facility Incharge Email	Ashish.Singh@icar.gov.in																
Facility Incharge Phone	9671392406																
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)							
Institute's Own Fund / Resource					ICAR			Govt. Agency (Central)		750000							

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?														
1	Business Planning & Development (BPD) Unit	2014	Pre-Incubation, Incubation Unit, IPR Cell/Technology Transfer Centre	National Agricultural Innovation Project (NAIP) Indian Council of Agricultural Research	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Ashish Kumar Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>Ashish.Singh@icar.gov.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9671392406</td> </tr> </table>	Facility Incharge Name	Dr. Ashish Kumar Singh	Facility Incharge Email	Ashish.Singh@icar.gov.in	Facility Incharge Phone	9671392406	4	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>1401031</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>593570</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	1401031	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	593570	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Ashish Kumar Singh																						
Facility Incharge Email	Ashish.Singh@icar.gov.in																						
Facility Incharge Phone	9671392406																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	1401031																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	593570																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
-	-	-	0

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?		Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?											
								Yes	No												
1	Society for Innovation in Entrepreneurship & Dairying (SINED) Technology Business Incubator (TBI)	2009	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Department of Science and Technology (DST) Government of India	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Ashish Kumar Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>Ashish.Singh@icar.gov.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96713 92406</td> </tr> </table>	Facility Incharge Name	Dr. Ashish Kumar Singh	Facility Incharge Email	Ashish.Singh@icar.gov.in	Facility Incharge Phone	96713 92406	5	No	<table border="1"> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>1450000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>865000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>145000</td> </tr> </table>	Total Annual Income from Training and Skill Development Services (In Rupees)	1450000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	865000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	145000	Yes
Facility Incharge Name	Dr. Ashish Kumar Singh																				
Facility Incharge Email	Ashish.Singh@icar.gov.in																				
Facility Incharge Phone	96713 92406																				
Total Annual Income from Training and Skill Development Services (In Rupees)	1450000																				
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	865000																				
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	145000																				
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)													

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	Zonal AgroTechnology Management Centre (ZTMC)	2015	Pre-Incubation, Incubation Unit, Centre of Excellence with Advance Tools	NAIF IPTM SECTION ICAR	Facility Incharge Name	Dr. Rajan Sharma	3	No	Yes		No
					Facility Incharge Email	rajansharma21@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	7056720181			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Ashish Kumar Singh	Principal Scientist	Idea/Innovation Development, Entrepreneurship/Startup Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Whey based drinks		Outside	
	Whey protein-enriched Fruit beverages		Outside	
	Millet based fortified biscuits		Outside	23ALUPG4508L1ZU
	Milk-Millet Based Fermented Beverages		Outside	U01403HR2014PTC052272
	Nutrimix for weaning and lactating mothers		Outside	
	Goat milk based value added fermented dairy products		Within	U15412RJ2016PTC054973
	Camel milk based powders and beverages		Outside	U15412RJ2016PTC054973
Nutri-cereal bars and Fortified Muffins		Outside	U15549UP2016PTC083207	
2	Dr. Rajan Sharma	Principal Scientist	Idea/Innovation Development, IPR Protection & Commercialization	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Rapid Diagnostic kit for adulterants, Contaminants in milk		Outside	U74992HR2017PTC067622
3	Dr. Naresh Kumar Goyal	Principal Scientist	Idea/Innovation Development	9

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Rapid diagnostic kit for antibiotic residues in milk	Within	
		Rapid diagnostic kit for antibiotic residues in milk	Outside	U74992HR2017PTC067622
4	Gaurav Kr Deshwal	Scientist	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Goat milk based products		Within	U15412RJ2016PTC054973
		Camel milk powder and flavoured drinks	Within	
5	Dr. P N Raju	Scientist	Entrepreneurship/Startup Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		Value added dairy products	Outside	

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Smo	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
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1	Design and development of nanofluids based extended surface module and milk cooling.	Process Innovation	Technological	Southern Regional Station of NDRI, Bangalore	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	Agency Name	BRICS Young Scientist Forum	No	No	No	No
									Agency Type	International Agencies				
									Award / Position / Recognition Secured	First Prize				
	Name		Type			Gender			Email			Contact		
Ravi Prakash		Student			Male			rdwivedi.prakash@gmail.com			9034966791			
Name		Type			Gender			Email			Contact			
Rekha Menon		Faculty			Female			rekhamn@gmail.com			-			

2	A new strip based test for detection of neutralizers in milk	Product Innovation	Technological	Dairy Chemistry Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	No	<table border="1"> <tr> <td data-bbox="1908 19 2016 347">Loan/Investment Agency Name</td> <td data-bbox="1908 347 2016 678">MSME, ASPIRES Scheme</td> <td data-bbox="1908 678 2016 1567">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ncubation support at your Pre-incubation/ncubation or institute financial period 2019-20 (in Rupees)</td> </tr> <tr> <td data-bbox="2016 19 2065 347">Agency Type</td> <td data-bbox="2016 347 2065 678">Govt. Agency (Central)</td> <td data-bbox="2016 678 2065 1567">4,00,000</td> </tr> </table>	Loan/Investment Agency Name	MSME, ASPIRES Scheme	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ncubation support at your Pre-incubation/ncubation or institute financial period 2019-20 (in Rupees)	Agency Type	Govt. Agency (Central)	4,00,000	<table border="1"> <tr> <td data-bbox="2065 19 2139 1567">Amount Received in Rs.</td> <td data-bbox="2139 19 2213 1567">400000</td> </tr> </table>	Amount Received in Rs.	400000
Loan/Investment Agency Name	MSME, ASPIRES Scheme	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ncubation support at your Pre-incubation/ncubation or institute financial period 2019-20 (in Rupees)																			
Agency Type	Govt. Agency (Central)	4,00,000																			
Amount Received in Rs.	400000																				

Date of Investment Raised	18-09-2019
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Name	Type	Gender	Email	Contact
Dr. Rajan Sharma	Faculty	Male	rajansharma21@gmail.com	9416120181

Name	Type	Gender	Email	Contact
Priyae Brath Gautam	Student	Male	-	-

3	Paper strip assay for rapid detection of pesticide residue	Product Innovation	Technological	Dairy microbiology	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	No	No	No
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Name	Type	Gender	Email	Contact
Naresh kumar	Faculty	Male	nrshgoyal@yahoo.com	8901023594

Name	Type	Gender	Email	Contact
Raghu H.V.	Faculty	Male	4rvsy.dmdri@gmail.com	9466963599

4	Paper strip based assay for detection of antibiotic residues in milk	Product Innovation	Technological	Dairy Microbiology Division	Student	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Naresh Kumar	Faculty	Male	nrshgoyal@yahoo.com	8901023594

Name	Type	Gender	Email	Contact
Raghu H.V	Faculty	Male	4rvsy.dmdri@gmail.com	9466963599

5	Milk-protein enriched bajra snacks	Product Innovation	Technological	Dairy Technology Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Dr. Ashish Kumar Singh		Faculty			Male		aksndri@gmail.com			9671392406		
	Name		Type			Gender		Email			Contact		
	Dr. P.N Raju		Faculty			Male		narender.P@icar.gov.in			9896038983		
Dr. R.R.B. Singh		Faculty			Male		rrb_ndri@rediffmail.com			9416468437			
6	Whey Mango Drink	Product Innovation	Technological	Dairy Technology Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Dr. Ashish Kumar Singh		Faculty			Male		aksndri@gmail.com			9671392406		
	Name		Type			Gender		Email			Contact		
	Dr. R.R.B Singh		Faculty			Male		rrb_ndri@rediffmail.com			9416468437		
7	Nutrimix	Product Innovation	Technological	Dairy Technology Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Dr. Ashish Kumar Singh		Faculty			Male		aksndri@gmail.com			9671392406		

Name		Type				Gender			Email			Contact		
Dr. P N Raju		Faculty				Male			ndri.pnr@gmail.com			9896038983		
Dr. R R B Singh		Faculty				Male			rrb_ndri@rediffmail.com			9416468437		
Dr. Sumit Arora		Faculty				Male			sumitak123@gmail.com			9896054444		
8	Development of whey dewatering mechanism for channa	Process Innovation	Technological	Dairy Engineering Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Development Completed	No	No	No	No	No	
	Name		Type				Gender			Email			Contact	
	Dr. Vairat Amita D		Faculty				Female			amita.vairat@gmail.com			9810272885	
	Name		Type				Gender			Email			Contact	
	Dr. Chitranyak Sinha		Faculty				Male			chitranyaksinha@gmail.com			8867192926	
	Dr. P S Minz		Faculty				Male			psminz@gmail.com			9992454593	
	J K Dabas		Faculty				Male			jkdabas@gmail.com			9416468699	
Khushbu Kumari		Faculty				Female			khushbu.kumaricae@gmail.com			7056410862		
9	Probiotic bacterial culture for preparation of fermented milk products for healthy gut	Product Innovation	Technological	Animal Biochemistry Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Development Completed	No	No	No	No	No	
	Name		Type				Gender			Email			Contact	
	Dr. Rajeev Kapila		Faculty				Male			rkapila69@gmail.com			9416392519	
Name		Type				Gender			Email			Contact		
Dr. Suman Kapila		Faculty				Female			suman_ndri@yahoo.com			9416742567		
10	Area Specific Mineral Mixture for Dairy Animals	Product Innovation	Non-Technological / Social / Community Innovation	Animal Nutrition Division	Faculty	TRL 9 : Full commercial application , technology available for consumers.	TRL 9 : Full commercial application , technology available for consumers.	Innovation Development Completed	No	No	No	No	No	

Name	Type	Gender	Email	Contact
Dr. Veena Mani	Faculty	Female	veenamani1@yahoo.com	9416522669

List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/V C during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
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1	J V Foodworks Pvt. Ltd.	Product Innovation	Technologica	7668	External to the Institute/Incubatee	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> U15549 UP2016 PTC083 207 </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center; margin-top: 10px;"> Venture with Corporate Identification Number (CIN) Registration </div>	2016-17	Graduated from the Incubation unit	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Agency Name </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center; margin-top: 10px;"> Agency Type </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center; margin-top: 10px;"> Award / Position / Recognition Secured </div>	No	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Loan / Investment Agency Name </div> <div style="background-color: #002060; color: white; padding: 5px; text-align: center; margin-top: 10px;"> Agency Type </div>	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Amount Received in Rs. </div>	Yes
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														160,000		

Total Loan /Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019-20 (in Rupees)

28-01-2020

Name	DIN number	Type	Gender	Email	Contact
Japna Rishi Kaushik	06615776	Incubatee Entrepreneur	Female	japna.rishi@hungryfoal.com	8860652067

Vivek Kaushik	02471575	Incubatee Entrepreneur	Male	-	-
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2	KBA Food and Beverage Pvt. Ltd.	Product Innovation, Process Innovation, Market-place	Technological	7668	External to the Institute/Incubatee	<table border="1"> <tr> <td>Venture with Corporate Identification Number (CIN) Registration</td> <td>U15319UR2017PTC007586</td> </tr> </table>	Venture with Corporate Identification Number (CIN) Registration	U15319UR2017PTC007586	2017-18	Graduated from the Incubation unit	No	No	No	No	Yes
Venture with Corporate Identification Number (CIN) Registration	U15319UR2017PTC007586														

Name	DIN number	Type	Gender	Email	Contact
Kulvinder Choudhary	02184238	Incubatee Entrepreneur	Male	pbay@outlook.in	9999103768

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Pusa Krishi, ICAR-IARI, AgriTech Incubation Centre	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	05-04-2019

List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	A Preservative formulation for Milk and Milk Product Samples Stored for Analytical Purpose	201911032383	National	2019 - 08	NA
	2	Paper strip based sensor for detection of heavy metals in Milk	202011006420	National	2020 - 02
Uploaded		3	Microfluidic device for enrichment of live and motile spermatozoa of cattle	202011008229	National
2020 - 02	Uploaded		4	Detection of A2 milk derived peptide (BCM9A2) by aptamers	202011001446
National	2020 - 01	Uploaded		5	Gluten free pasta dough composition and method of preparation thereof

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

Srno	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
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List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

1	Technology for preparation of self-stable, nutritionally rich smoothies using dairy and non-dairy ingredients	Non-IP/Non-Patented Technology	One-time transfer/Licensing	1	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>MR Jalli Bharat</td> </tr> <tr> <td>Contact number of license holder</td> <td>9951341341</td> </tr> <tr> <td>Email of Licence holder</td> <td>bharatjalli02@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	MR Jalli Bharat	Contact number of license holder	9951341341	Email of Licence holder	bharatjalli02@gmail.com	Gender	Male	Dairy Technology Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Zest Fresh Foods, Andhra Pradesh</td> </tr> <tr> <td>Address of Agency</td> <td>Zest Fresh Foods, Andhra Pradesh</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9951341341</td> </tr> <tr> <td>Email of Agency</td> <td>bharatjalli02@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Zest Fresh Foods, Andhra Pradesh	Address of Agency	Zest Fresh Foods, Andhra Pradesh	Contact Number of Agency	9951341341	Email of Agency	bharatjalli02@gmail.com	Yes	150000
Patent/Licence Holder name (Institute Co-ownership is Must)	MR Jalli Bharat																										
Contact number of license holder	9951341341																										
Email of Licence holder	bharatjalli02@gmail.com																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Zest Fresh Foods, Andhra Pradesh																										
Address of Agency	Zest Fresh Foods, Andhra Pradesh																										
Contact Number of Agency	9951341341																										
Email of Agency	bharatjalli02@gmail.com																										
2	Misti Doi with Fast Acidifying high Sugar tolerating lactic cultures	Non-IP/Non-Patented Technology	One-time transfer/Licensing	2	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr K Rathnam</td> </tr> <tr> <td>Contact number of license holder</td> <td>7550314777</td> </tr> <tr> <td>Email of Licence holder</td> <td>jagannath@milkmist.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr K Rathnam	Contact number of license holder	7550314777	Email of Licence holder	jagannath@milkmist.in	Gender	Male	Dairy Technology Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Milky Mist Dairy Food Pvt. Ltd.</td> </tr> <tr> <td>Address of Agency</td> <td>Chennai</td> </tr> <tr> <td>Contact Number of Agency</td> <td>7550314777</td> </tr> <tr> <td>Email of Agency</td> <td>jagannath@milkmist.in</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Milky Mist Dairy Food Pvt. Ltd.	Address of Agency	Chennai	Contact Number of Agency	7550314777	Email of Agency	jagannath@milkmist.in	Yes	160000
Patent/Licence Holder name (Institute Co-ownership is Must)	Mr K Rathnam																										
Contact number of license holder	7550314777																										
Email of Licence holder	jagannath@milkmist.in																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Milky Mist Dairy Food Pvt. Ltd.																										
Address of Agency	Chennai																										
Contact Number of Agency	7550314777																										
Email of Agency	jagannath@milkmist.in																										
3	Strip based test for detection of hydrogen peroxide in milk	Non-IP/Non-Patented Technology	One-time transfer/Licensing	3	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr Jitin Kumar Arora</td> </tr> <tr> <td>Contact number of license holder</td> <td>01712891055</td> </tr> <tr> <td>Email of Licence holder</td> <td>jkscientific@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jitin Kumar Arora	Contact number of license holder	01712891055	Email of Licence holder	jkscientific@gmail.com	Gender	Male	Dairy Chemistry Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>J K Scientific Industries</td> </tr> <tr> <td>Address of Agency</td> <td>Ambala, Haryana</td> </tr> <tr> <td>Contact Number of Agency</td> <td>01712891055</td> </tr> <tr> <td>Email of Agency</td> <td>jkscientific@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	J K Scientific Industries	Address of Agency	Ambala, Haryana	Contact Number of Agency	01712891055	Email of Agency	jkscientific@gmail.com	Yes	150000
Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jitin Kumar Arora																										
Contact number of license holder	01712891055																										
Email of Licence holder	jkscientific@gmail.com																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	J K Scientific Industries																										
Address of Agency	Ambala, Haryana																										
Contact Number of Agency	01712891055																										
Email of Agency	jkscientific@gmail.com																										

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

4	Paper strip assay for rapid detection of pesticide residues	IP/Patented Technology	One-time transfer/Licensing	3819/DEL/2015	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr Lalit Gupta</td> </tr> <tr> <td>Contact number of license holder</td> <td>9811131548</td> </tr> <tr> <td>Email of Licence holder</td> <td>lalit@florece rs.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Lalit Gupta	Contact number of license holder	9811131548	Email of Licence holder	lalit@florece rs.com	Gender	Male	Dairy Microbiology Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Florece Services Private Limited</td> </tr> <tr> <td>Address of Agency</td> <td>New Delhi</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9811131548</td> </tr> <tr> <td>Email of Agency</td> <td>lalit@florece rs.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Florece Services Private Limited	Address of Agency	New Delhi	Contact Number of Agency	9811131548	Email of Agency	lalit@florece rs.com	Yes	50000
Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Lalit Gupta																										
Contact number of license holder	9811131548																										
Email of Licence holder	lalit@florece rs.com																										
Gender	Male																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Florece Services Private Limited																										
Address of Agency	New Delhi																										
Contact Number of Agency	9811131548																										
Email of Agency	lalit@florece rs.com																										
5	Paper strip based assay for detection of antibiotic residues in milk	IP/Patented Technology	One-time transfer/Licensing	2213/DEL/2014	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr Lalit Gupta</td> </tr> <tr> <td>Contact number of license holder</td> <td>9811131548</td> </tr> <tr> <td>Email of Licence holder</td> <td>lalit@florece rs.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Lalit Gupta	Contact number of license holder	9811131548	Email of Licence holder	lalit@florece rs.com	Gender	Male	Dairy Microbiology Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Florece Services Private Limited</td> </tr> <tr> <td>Address of Agency</td> <td>New Delhi</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9811131548</td> </tr> <tr> <td>Email of Agency</td> <td>lalit@florece rs.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Florece Services Private Limited	Address of Agency	New Delhi	Contact Number of Agency	9811131548	Email of Agency	lalit@florece rs.com	Yes	50000
Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Lalit Gupta																										
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Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Florece Services Private Limited																										
Address of Agency	New Delhi																										
Contact Number of Agency	9811131548																										
Email of Agency	lalit@florece rs.com																										
6	A new strip based test for detection of neutralizers in milk	IP/Patented Technology	One-time transfer/Licensing	201811030055	<table border="1"> <tbody> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr Jatin Kumar Arora</td> </tr> <tr> <td>Contact number of license holder</td> <td>01712891055</td> </tr> <tr> <td>Email of Licence holder</td> <td>jkscientific@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jatin Kumar Arora	Contact number of license holder	01712891055	Email of Licence holder	jkscientific@gmail.com	Gender	Male	Dairy Chemistry Division	<table border="1"> <tbody> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>J K Scientific Industries</td> </tr> <tr> <td>Address of Agency</td> <td>Ambala</td> </tr> <tr> <td>Contact Number of Agency</td> <td>01712891055</td> </tr> <tr> <td>Email of Agency</td> <td>jkscientific@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	J K Scientific Industries	Address of Agency	Ambala	Contact Number of Agency	01712891055	Email of Agency	jkscientific@gmail.com	Yes	150000
Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jatin Kumar Arora																										
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Gender	Male																										
Licence Transferred to	Industry																										
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Email of Agency	jkscientific@gmail.com																										

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

7	Strip based test for maltodextrin in milk	IP/Patented Technology	One-time transfer/Licensing	2097/DEL/2014	<table border="1"> <tbody> <tr> <td data-bbox="929 113 1077 236">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1084 113 1202 236">Mr Jitin Kumar Arora</td> </tr> <tr> <td data-bbox="929 240 1077 320">Contact number of license holder</td> <td data-bbox="1084 240 1202 320">01722891055</td> </tr> <tr> <td data-bbox="929 325 1077 384">Email of Licence holder</td> <td data-bbox="1084 325 1202 384">jkscientific@gmail.com</td> </tr> <tr> <td data-bbox="929 389 1077 526">Gender</td> <td data-bbox="1084 389 1202 526">Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jitin Kumar Arora	Contact number of license holder	01722891055	Email of Licence holder	jkscientific@gmail.com	Gender	Male	Dairy Chemistry Division	<table border="1"> <tbody> <tr> <td data-bbox="1422 113 1570 180">Licence Transferred to</td> <td data-bbox="1576 113 1695 180">Industry</td> </tr> <tr> <td data-bbox="1422 185 1570 320">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1576 185 1695 320">J K Scientific Industries</td> </tr> <tr> <td data-bbox="1422 325 1570 384">Address of Agency</td> <td data-bbox="1576 325 1695 384">Ambala</td> </tr> <tr> <td data-bbox="1422 389 1570 469">Contact Number of Agency</td> <td data-bbox="1576 389 1695 469">01722891055</td> </tr> <tr> <td data-bbox="1422 474 1570 526">Email of Agency</td> <td data-bbox="1576 474 1695 526">jkscientific@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	J K Scientific Industries	Address of Agency	Ambala	Contact Number of Agency	01722891055	Email of Agency	jkscientific@gmail.com	Yes	225000
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Email of Agency	jkscientific@gmail.com																										
8	A new rapid test for detection of detergent in milk	IP/Patented Technology	One-time transfer/Licensing	750/DEL/2015	<table border="1"> <tbody> <tr> <td data-bbox="929 553 1077 676">Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td data-bbox="1084 553 1202 676">Mr Jitin Kumar Arora</td> </tr> <tr> <td data-bbox="929 681 1077 761">Contact number of license holder</td> <td data-bbox="1084 681 1202 761">01712891055</td> </tr> <tr> <td data-bbox="929 766 1077 825">Email of Licence holder</td> <td data-bbox="1084 766 1202 825">jkscientific@gmail.com</td> </tr> <tr> <td data-bbox="929 829 1077 967">Gender</td> <td data-bbox="1084 829 1202 967">Male</td> </tr> </tbody> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr Jitin Kumar Arora	Contact number of license holder	01712891055	Email of Licence holder	jkscientific@gmail.com	Gender	Male	Dairy Chemistry Division	<table border="1"> <tbody> <tr> <td data-bbox="1422 553 1570 620">Licence Transferred to</td> <td data-bbox="1576 553 1695 620">Industry</td> </tr> <tr> <td data-bbox="1422 625 1570 761">Name of Industry/Start-up/Agency Received License/Technology</td> <td data-bbox="1576 625 1695 761">J K Scientific Industries</td> </tr> <tr> <td data-bbox="1422 766 1570 825">Address of Agency</td> <td data-bbox="1576 766 1695 825">Ambala</td> </tr> <tr> <td data-bbox="1422 829 1570 909">Contact Number of Agency</td> <td data-bbox="1576 829 1695 909">01712891055</td> </tr> <tr> <td data-bbox="1422 914 1570 967">Email of Agency</td> <td data-bbox="1576 914 1695 967">jkscientific@gmail.com</td> </tr> </tbody> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	J K Scientific Industries	Address of Agency	Ambala	Contact Number of Agency	01712891055	Email of Agency	jkscientific@gmail.com	Yes	400000
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Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

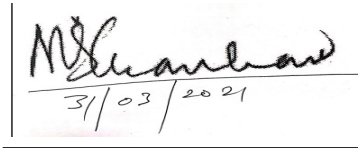
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Manmohan Singh Chauhan (Head of Institute) and Dr. Nitin Tyagi (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

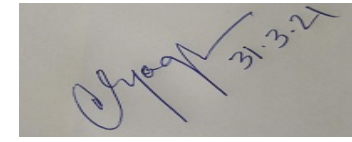
The Head of Institute



31/03/2021

Dr. Manmohan Singh Chauhan
Head of the Institution,
Karnal, Haryana

Nodal officer



31.3.21

Dr. Nitin Tyagi
Nodal Officer,
Karnal, Haryana