



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: Dr. Y.S. Parmar University of Horticulture and Forestry, Solan [ARI-U-0181]

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

Srno	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)
1	Department of Fruit Science	Academic Department with lab facility	Fruit Science	UG / PG / PhD	Non-Technical	60	8	43
2	Department of Floriculture and Landscape Architecture	Academic Department with lab facility	Floriculture and Landscape Architecture	UG / PG / PhD	Non-Technical	28	7	21
3	Department of Vegetable Science	Academic Department with lab facility	Vegetable Science	UG / PG / PhD	Non-Technical	61	11	25
4	Department of Seed Science and Technology	Academic Department with lab facility	Seed Science & Technology	UG / PG / PhD	Non-Technical	23	5	22
5	Department of Entomology	Academic Department with lab facility	Entomology	UG / PG / PhD	Non-Technical	18	13	16
6	Department of Plant Pathology	Academic Department with lab facility	Plant Pathology	UG / PG / PhD	Non-Technical	20	8	22
7	Department of Biotechnology	Academic Department with lab facility	Molecular Biology & Biotechnology	UG / PG / PhD	Non-Technical	33	4	4
8	Department of Food Science and Technology	Academic Department with lab facility	Food Technology	UG / PG / PhD	Non-Technical	25	7	11
9	Department of Silviculture and Agroforestry	Academic Department with lab facility	Agroforestry	UG / PG / PhD	Non-Technical	35	3	2
10	Department of Tree Improvement and Genetic Resources	Academic Department with lab facility	Forest Genetic Resources	UG / PG / PhD	Non-Technical	16	6	14
11	Department of Forest Products	Academic Department with lab facility	Wood Science and Technology	UG / PG / PhD	Non-Technical	14	5	28
12	Department of Soil Science and Water Management	Academic Department with lab facility	Soil Science	UG / PG / PhD	Non-Technical	34	7	19

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

13	Department of Social Sciences	Academic Department with lab facility	Agricultural Economics	UG / PG / PhD	Non-Technical	37	7	7
14	Department of Environmental Science	Academic Department with lab facility	Environmental Science	UG / PG / PhD	Non-Technical	21	5	12
15	Department of Basic Sciences	Academic Department with lab facility	Statistics	UG / PG / PhD	Non-Technical	53	7	8
16	Department of Business Management	Academic Department with lab facility	Business Administration	UG / PG / PhD	Non-Technical	143	8	4
17	Directorate of Extension Education	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Extension Activities	At all level	Both	0	8	21
18	College of Horticulture and Forestry, Neri, Hamirpur	Academic Department with lab facility	Horticulture and Forestry	UG / PG / PhD	Non-Technical	123	55	25
19	Regional Horticultural Research and Training Station, Mashobra, Distt. Shimla	Academic Department with lab facility	Horticulture	UG / PG / PhD	Non-Technical	7	7	24
20	Regional Horticultural Research and Training Station, Dhaulakuan, Distt. Sirmour	Academic Department with lab facility	Horticulture	UG / PG / PhD	Non-Technical	4	2	6
21	Regional Horticultural Research and Training Station, Jachh, Distt. Kangra	Academic Department with lab facility	Horticulture	UG / PG / PhD	Non-Technical	10	7	35
22	Regional Horticultural Research and Training Station, Bajaura, Distt. Kullu	Academic Department with lab facility	Horticulture	UG / PG / PhD	Non-Technical	5	7	27
23	Regional Horticultural Research and Training Station, Sharbo, Distt. Kinnaur	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	3	20
24	Krishi Vigyan Kendra, Kandaghat, Distt. Solan	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	7	8
25	Krishi Vigyan Kendra, Tabo, Distt. Lahaul and Spiti	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	6	14
26	Krishi Vigyan Kendra, Chamba, Distt. Chamba	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	4	2
27	Krishi Vigyan Kendra, Rohru, Distt. Shimla	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	3	8
28	Krishi Vigyan Kendra, Sharbo, Distt. Kinnaur	Academic Department with lab facility	Horticulture	Not Allowed	Not Allowed	0	6	9
29	College of Horticulture and Forestry, Thunag, Distt. Mandi	Academic Department with lab facility	Horticulture and Forestry	UG / PG / PhD	Non-Technical	66	5	6

## 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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810577
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	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)	Yes	Not Required

## Section 1 > i : 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	2-Promoting Agripreneurship and to build capacities of rural students in agriculture education and entrepreneurship (for a group from High Hill Temperate wet zone of Himachal Pradesh)	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Business Management	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	8	0	2	20	30	<div style="border: 1px solid black; padding: 5px;">                     Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)                      116668                 </div>	No

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

2	7 days "Skill Development Programme training on Production and processing of commercially imported medicinal plants of Himalayan Region" under the scheme Centre for Skill Development in Agricultural and Allied Sciences (CSDAAS)	Innovation	Training	Institute Lead Activity	Agricultural and Allied Sciences (CSDAAS)	11-02-2020 00:00:00	18-02-2020 00:00:00	8	Within Campus	0	0	0	20	20	No	No
3	Sensitization cum orientation workshop on startup and idea generation, prototype development and marketing strategies for startups.	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Social Sciences	14-06-2019 00:00:00	14-06-2019 00:00:00	1	Within Campus	10	0	6	0	16	No	No
4	Visit of worthy Additional Chief Secretary, Industries Shri Manoj Kumar to Incubation Centre and interaction with the students and faculty mentors on idea generation and startup Scheme	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Department of Social Sciences	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	65	0	0	0	65	No	No

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

5	Workshop on Startup Ideas on Entrepreneurship Under Chief Minister Startup Scheme. In collaboration with Department of Business Management and Department of Industries	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Social Sciences	03-02-2020 00:00:00	04-02-2020 00:00:00	2	Within Campus	202	0	0	0	202	No	No	
6	Training on 'Nursery production and orchard management of temperate fruit crops'	Entrepreneurship/Startup	Training	Institute Lead Activity	Regional Horticultural Research and Training Station Bajaura	11-03-2020 00:00:00	13-03-2020 00:00:00	3	Within Campus	0	0	0	30	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	41600	No
7	Commercial cultivation of fruits and Vegetable	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Regional Horticultural Research and Training Station, Bajaura	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Outside Campus	0	0	0	50	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
8	Training on 'The Rural Agricultural Work Experience (RAWEX)'	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Regional Horticultural Research and Training Station, Bajaura	13-08-2019 00:00:00	20-08-2019 00:00:00	8	Outside Campus	0	0	20	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
9	Product Development of vegetables	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Krishi Vigyan Kendra, Solan	11-12-2019 00:00:00	11-12-2019 00:00:00	1	Within Campus	15	2	6	1	24	No	No	
10	Mushroom Cultivation	Entrepreneurship/Startup	Training	Institute Lead Activity	Krishi Vigyan Kendra, Solan	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Within Campus	20	1	0	0	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	47400	No

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

11	Quality Seed Grower	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Krishi Vigyan Kendra, Solan	01-02-2020 00:00:00	26-02-2020 00:00:00	26	Within Campus	20	1	0	0	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	196000	No
12	Zero Budget Natural Farming	Entrepreneurship/Startup	Training	Institute Lead Activity	Krishi Vigyan Kendra Rohru, Shimla	19-11-2019 00:00:00	21-11-2019 00:00:00	3	Within Campus	43	5	0	0	48	No	No	
13	Integrated crop management	Entrepreneurship/Startup	Training	Institute Lead Activity	Krishi Vigyan Kendra Rohru, Shimla	10-09-2019 00:00:00	11-09-2019 00:00:00	2	Outside Campus	40	5	0	0	45	No	No	
14	Field day on Black Gram	Innovation	Demo Day	Institute Lead Activity	Krishi Vigyan Kendra Chamba	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Outside Campus	144	2	0	0	146	No	No	
15	Field day on oilseed	Innovation	Demo Day	Institute Lead Activity	Krishi Vigyan Kendra Chamba	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Outside Campus	75	3	0	0	78	No	No	
16	Export potential of ornamental plants	Entrepreneurship/Startup	Training	Institute Lead Activity	Krishi Vigyan Kendra Chamba	26-06-2019 00:00:00	28-06-2019 00:00:00	3	Outside Campus	50	4	0	0	54	No	No	
17	Dairy Management	Entrepreneurship/Startup	Training	Institute Lead Activity	Krishi Vigyan Kendra Chamba	30-08-2019 00:00:00	12-09-2019 00:00:00	14	Outside Campus	146	2	0	0	148	No	No	

**Section 1 > ii : 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**

Smo	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 Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
-----	-----------------------------	---------------	--------------	------------------------------------	------------------------	--------------------	------------------	---------------------------	-------------------------	------------------------	------------------------------	----------------------------------	--	--	---	---

**Section 1 > ii : 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**

1	9th International Conference on Agriculture, Horticulture and Plant Science	Innovation	Conference	The Society of Tropical Agriculture, New Delhi, India	International Agencies	27-06-2019 00:00:00	28-06-2019 00:00:00	2	0	1	1	Yes	Outstanding Achievement Award - 2019	Cold Desert Ecology	Total Total Expense Amount Incurred by Institute? (In Rupees) 5000		Award / Position / Recognition Secured		Outstanding Achievement Award - 2019
																Title of Innovation / Start-up Secured the Award / Recognition		Cold Desert Ecology	
																Award/Recognition/Achievement Received for		Novel Research Paper/Work	
2	Cold Desert Biosphere Reserve for the preparation of UNESCO MAB	Innovation	Workshop	Himalayan Forest Research Institute, Shimla, HP	Govt. Agency (Central)	26-07-2019 00:00:00	26-07-2019 00:00:00	1	0	1	1	No	---	---	No		No		
3	2nd International conference on recent advances in Agricultural, Environmental and Applied Sciences for Global Development (RAAEA SGD-2019)	Innovation	Conference	Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, HP	Govt. Agency (State)	27-09-2019 00:00:00	29-09-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 4000		No		
4	Exposure visit and training on Floriculture activities to participants of Two days National Workshop on Floriculture	Innovation	Workshop	Regional Horticultural Research and Training Station, Dhaulakuan	Govt. Agency (State)	26-02-2020 00:00:00	26-02-2020 00:00:00	1	150	2	152	No	---	---	No		No		

**Section 1 > ii : 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**

5	Training on Flower production Technology and nutrition management.	Innovation	Training	Regional Horticultural Research and Training Station, Dhaulakuan	Govt. Agency (State)	28-02-2020 00:00:00	28-02-2020 00:00:00	1	48	1	49	No	---	---	No	No									
6	Exposure visit of pesticide dealers	Innovation	Exposure visit	Regional Horticultural Research and Training Station, Dhaulakuan	Govt. Agency (State)	10-02-2020 00:00:00	10-02-2020 00:00:00	1	26	1	27	No	---	---	No	No									
7	Training program on Fruit Tree Surgery for unemployed rural youth of district Sirmour at RHRTS Dhaulakuan	Innovation	Training	Regional Horticultural Research and Training Station, Dhaulakuan	Govt. Agency (State)	21-08-2019 00:00:00	23-08-2019 00:00:00	3	24	2	26	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>29691</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	29691	No						
Total Total Expense Amount Incurred by Institute? (In Rupees)	29691																								
8	National conference on Utilization and Conservation of Non - Timber Forest Genetic Resources for Sustainable Development	Innovation	Conference	Navsari Agricultural University, Navsari Gujarat	Govt. Agency (State)	27-02-2020 00:00:00	29-02-2020 00:00:00	3	0	1	1	Yes	Best Poster Award	Variability for Early Nursery Growth in Myrica esculenta	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>4000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	4000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Poster Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Variability for Early Nursery Growth in Myrica esculenta</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Poster Award	Title of Innovation / Start-up Secured the Award / Recognition	Variability for Early Nursery Growth in Myrica esculenta	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Total Total Expense Amount Incurred by Institute? (In Rupees)	4000																								
Award / Position / Recognition Secured	Best Poster Award																								
Title of Innovation / Start-up Secured the Award / Recognition	Variability for Early Nursery Growth in Myrica esculenta																								
Award/Recognition/Achievement Received for	Novel Research Paper/Work																								

**Section 2 > i : 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	One Year Diploma Course on Fruit Vegetable Processing and Bakery Products	Entrepreneurship/Startup	Short term Course	Diploma	Department of Food Science and Technology	01-10-2019	31-08-2020	336	Offline	9	32



2	Entrepreneurship Development and Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Department of Social Sciences	21-01-2020	25-06-2020	157	Offline	81	42
---	--	--------------------------	-----------------------------	----------	-------------------------------	------------	------------	-----	---------	----	----

**Section 2 > ii : List 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	Skill development training on beekeeping (Part-1)	Entrepreneurship/Startup	Employment Generation Training Programs	Regional Horticultural Research and Training Station and Krishi Vigyan Kendra Sharbo Kinnaur	04-03-2020	16-03-2020	13	Offline	20	104
2	Skill development programme for medicinal plant growers (Part-1)	Entrepreneurship/Startup	Employment Generation Training Programs	Regional Horticultural Research and Training Station and Krishi Vigyan Kendra Sharbo	26-02-2020	16-03-2020	20	Offline	20	152
3	Khadya prasansaran evam mulyavardhan par parishikshan shivir sponsored by MIDH Shimla	Entrepreneurship/Startup	Employment Generation Training Programs	Directorate of Extension Education Dr Yashwant Singh Parmar University of Horticulture and Forestry Nauni Solan (HP) in collaboration with the Department of Food Science and Technology	26-08-2019	24-09-2019	30	Offline	28	140

**Section 2 > iii : 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 DD Sharma	Social Sciences	Professor	No	No
2	Dr Chandresh Guleria	Social Sciences	Assistant Professor	No	No
3	Dr Shilpa	Social Sciences	Assistant Professor	No	No
4	Dr NS Thakur	Department of Food Science and Technology	Principal Extension Specialist	No	No
5	Dr Devina Vaidya	Department of Food Science and Technology	Principal Scientist	No	No
6	Dr Manoj Kumar Vaidya	Department of Social Sciences	Professor	No	No
7	Dr Rajeev Raina	Krishi Vigyan Kendra Chamba	Principal Scientist (Plant Pathology)	No	No

**Section 3 > i : 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!**

**Section 3 > ii > a : 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)**

No Data Filled!

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

No Data Filled!

**Section 3 > ii > c : 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?						
1	Incubation Centre	2018	Innovation Labs, Innovation Park, Research Park, IPR Cell/Technology Transfer Centre	Chief Ministers Startup Scheme	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Manoj Kumar Vaidya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>manoj_vaidya2002@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9418061044</td> </tr> </table>	Facility Incharge Name	Dr Manoj Kumar Vaidya	Facility Incharge Email	manoj_vaidya2002@yahoo.com	Facility Incharge Phone	9418061044	4	Yes	No	Yes
Facility Incharge Name	Dr Manoj Kumar Vaidya														
Facility Incharge Email	manoj_vaidya2002@yahoo.com														
Facility Incharge Phone	9418061044														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		Funding Agency		Department of Industries		Govt. Agency (State)		3105000							

**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

No Data Filled!

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

No Data Filled!

**Section 3 > iii > a : 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 NS Thakur	Principal Extension Specialist	Idea/Innovation Development	5
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI
		Utilization of tomato for the production of instant products and edible packaging films		Within
				CIN (in case it is Startup)

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

2	Dr Devina Vaidya	Principal Scientist	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Refinement in process protocol of traditional kachol		Within	
3	Dr Manoj Kumar Vaidya	Professor	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Eco-Friendly Incense Sticks Manufacturing from used flowers Startup established		Outside	
	Kachol A Value Added Frozen Product from Maize. Product Launched and startup established		Within	
	Value added product and tomato film for packaging Testing Stage		Within	
Developing bacteriophage cocktails for controlling bacterial diseases of fruits and vegetables. Prototype development stage		Within		
4	Dr Rajeev Raina	Principal Scientist (Plant Pathology)	Entrepreneurship/Startup Development	25
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mushroom entrepreneurship		Outside	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

**No Data Filled!**

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

Srno	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
------	--	--------------------	----------------------	--	-------------------------	--	---	--	--	--	--	--	--

1	Eco-Friendly Incense Sticks Manufacturing from used flowers	Product Innovation	Non-Technological		External to the Institute/Incubatee	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Ravinder Prasher		Incubatee Entrepreneur			Male			rp.prashar@gmail.com			9816340682		
2	Intuitive recipes, fused with high nutrition for a tasty wholesome food from traditional Pahari Dish Kacholtu	Product Innovation	Non-Technological		External to the Institute/Incubatee	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
<b>Name</b>		<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Preeti Kashyap		Incubatee Entrepreneur			Female			prk.imn1@gmail.com			8988118780		
3	Production of Tomato Edible Film Using Low Cost Processing Method	Product Innovation	Non-Technological		External to the Institute/Incubatee	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Amit Kumar	Incubatee Entrepreneur	Male	amit.thakur2035@gmail.com	9817082648

**Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**

No Data Filled!

**Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

No Data Filled!

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

No Data Filled!

**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

No Data Filled!

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

No Data Filled!

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

No Data Filled!

## 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. Parvinder Kaushal (Head of Institute) and Dr. Rakesh Gupta (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



---

Dr. Parvinder Kaushal  
Head of the Institution,  
Solan, Himachal Pradesh

Nodal officer



---

Dr. Rakesh Gupta  
Nodal Officer,  
Solan, Himachal Pradesh