



# ARIIA

## ATL 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: Agricultural Development Trusts Sharadabai Pawar Mahila Arts, Commerce & Science College [ARI-C-42187]

### 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 Microbiology	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	24	9	3
2	Department of Chemistry	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	24	5	3
3	Small Wonders	Incubation Unit	Soil Microbiology	UG / PG / PhD	Non-Technical	550	9	3
4	Incubation Centre in Chemical Science	Incubation Unit	Household Cosmetic and Sanitation Products	UG / PG / PhD	Non-Technical	2	5	3

### 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	NO	Not Required
Trained Innovation Ambassadors at HEI	NO	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

### 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?
------	-----------------------------	---------------	--------------	------------------	--	--------------------	------------------	----------------------------	------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	------------------------------	---	--

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

1	MicroFest	Innovation	Exhibition	Student Lead Activity	Department of Microbiology	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	88	9	0	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No						
2	Preparation of Seed Ball	Innovation	Training	Institute Lead Activity	Department of Botany	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	33	0	0	0	33	No	No							
3	Demo Models of Various Businesses	Entrepreneurship/Start-up	Exhibition	Student Lead Activity	Department of Commerce	11-01-2020 00:00:00	11-01-2020 00:00:00	1	Within Campus	85	0	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						
4	A 30 day Challenge to go from Idea to Industry	Innovation	Innovation Contest	Institute Lead Activity	B.Voc (Quality Control in Industry)	01-02-2020 00:00:00	01-03-2020 00:00:00	30	Within Campus	70	0	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1st prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Wine from Banana</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1st prize	Title of Innovation / Start-up Secured the Award / Recognition	Wine from Banana	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1st prize																						
Title of Innovation / Start-up Secured the Award / Recognition	Wine from Banana																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
5	Mathematics for Biological Sciences	Innovation	Training	Institute Lead Activity	Shardabi Pawar Mahila College	14-03-2020 00:00:00	20-03-2020 00:00:00	7	Within Campus	0	3	0	97	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No						
6	Webinar on Intellectual Property Rights	IPR	Seminar	Institute Lead Activity	Shardabi Pawar Mahila College	18-03-2020 00:00:00	18-03-2020 00:00:00	1	Within Campus	254	54	17	7	332	No	No							

**Section 1 > ii : Details of Students, Faculty/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 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	Phonetic Theoretical Underpinnings and Research Explorations	Innovation	Conference	English and Foreign Languages Universities, Hyderabad	Educational Institute	19-11-2019 00:00:00	20-11-2019 00:00:00	2	0	14	14	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	14000	No
2	A 360 view of language teaching materials development utilization and evaluation	Innovation	Conference	English Language Teaching Institute of Symbiosis, Pune	Educational Institute	07-02-2020 00:00:00	08-02-2020 00:00:00	2	0	6	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
3	Energy Conservation	Innovation	Workshop	Vidya Pratishthans Arts, Science and Commerce College, Baramati	Educational Institute	30-01-2020 00:00:00	30-01-2020 00:00:00	1	14	1	15	No	---	---	No		No
4	Advanced Functional Materials Synthesis Characterization and Applications	Innovation	Conference	Vidya Pratishthans Arts, Science and Commerce College, Baramati	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	0	1	1	No	---	---	No		No
5	Patents	Innovation	Workshop	Tuljaram Chaturch and College of Arts, Science and College, Baramati	Educational Institute	27-02-2020 00:00:00	27-02-2020 00:00:00	1	2	7	9	No	---	---	No		No
6	Innovative Techniques and technologies in Teaching	Innovation	Seminar	M S Kakde College Someshwar	Educational Institute	04-01-2020 00:00:00	05-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	No

**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	Diploma in Quality Control	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	44	900
2	Advanced Diploma in Quality Control	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	37	900
3	Diploma in Drama and Theatre	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	14	900
4	Advanced Diploma in Drama and Theatre	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	9	900
5	Diploma in Textile (Fashion Designing)	Entrepreneurship/Startup	Full time Program	Diploma	Dept of Home Science	15-06-2019	15-03-2020	275	Offline	18	900
6	Advanced Diploma in Tailoring (Fashion Technology)	Entrepreneurship/Startup	Full time Program	Diploma	Dept of Home Science	15-06-2019	15-03-2020	275	Offline	5	900
7	Diploma in Travel and Tourism	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	16	900
8	Advanced Diploma in Travel and Tourism	Entrepreneurship/Startup	Full time Program	Diploma	Shardabai Pawar Mahila College	15-06-2019	15-03-2020	275	Offline	9	900

**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	GIS Autocad and Drone Survey	Innovation	Employment Generation Training Programs	Dept of Geography	27-01-2020	01-02-2020	6	Offline	60	30
2	E-content Development	Innovation	FDP in I&E / IPR	Shardabai Pawar Mahila College	13-04-2020	18-04-2020	6	Online	24	30
3	Costa Rica Teaching Model	Innovation	FDP in I&E / IPR	Shardabai Pawar Mahila College	01-07-2019	10-07-2019	10	Offline	35	40
4	Household products preparation	Entrepreneurship/Startup	EDP in I&E / IPR	Dept of Chemistry	01-10-2019	05-10-2019	5	Offline	55	30
5	jam jelly preparation	Entrepreneurship/Startup	EDP in I&E / IPR	Dept of Botany	03-06-2019	08-06-2019	6	Offline	31	30
6	Finishing Course	Entrepreneurship/Startup, Innovation	MDP in I&E / IPR	Shardabai Pawar Mahila College	04-03-2020	11-03-2020	8	Offline	154	40

**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	Yogesh Phatake	Microbiology	Assistant Professor	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)	Mode of Delivery
2	Ek Nath A Langote	Home Science	Associate Professor	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)	Mode of Delivery
3	Parimita V Jadhav	Microbiology	Associate Professor	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)	Mode of Delivery

**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**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Katta Charcha	Idea Club	2018	None	No Such Facilities Exist in the Campus	15	Pranali Jadhav	pranalij@gmail.com	9874256121
2	Science Club	Innovation Club	2017	Co-working Space	Innovation Labs	3	Bhagyashree Maske	bhagyashree@gmail.com	7845128679
3	B Voc Entrepreneurship Council	Startup Club	2019	Co-working Space, Work Stations	Innovation Labs	2	Ganesh Jadhav	ganeshj@gmail.com	8246712483
4	Drama Club	Innovation Club	2018	Co-working Space	No Such Facilities Exist in the Campus	8	Dinesh More	mrdam@gmail.com	8617824627

**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?
------	-----------------------------	-----------------------	---	---	------------------	---	--	--	--

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

1	Small Wonders	2016	Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>R J Marathe</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rjnmarathe@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9405535996</td> </tr> </table>	Facility Incharge Name	R J Marathe	Facility Incharge Email	rjnmarathe@gmail.com	Facility Incharge Phone	9405535996	3	No	No	No								
Facility Incharge Name	R J Marathe																						
Facility Incharge Email	rjnmarathe@gmail.com																						
Facility Incharge Phone	9405535996																						
2	Incubation Centre in Chemical Sciences	2018	Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>P E More</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pemore@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9637948294</td> </tr> </table>	Facility Incharge Name	P E More	Facility Incharge Email	pemore@gmail.com	Facility Incharge Phone	9637948294	3	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>17000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</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)	17000	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	No
Facility Incharge Name	P E More																						
Facility Incharge Email	pemore@gmail.com																						
Facility Incharge Phone	9637948294																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	17000																						
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																						

**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**

**No Data Filled!**

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Saurabh Trivedi	IPR Protection & Commercialization	Unstructured Mentorship
2	Pranali Vichare	Entrepreneurship/Startup Development	Unstructured Mentorship

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

3	Dr Asmita Prabhune	Idea/Innovation Development	Unstructured Mentorship
4	Dr Avinash Sonawane	Idea/Innovation Development	Unstructured Mentorship

**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	Biofertilizer Cultures	Product Innovation, Process Innovation	Non-Technological / Social / Community Innovation	Shardabai Pawar Mahila College	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>20000</td> </tr> </table>	Grant Amount in Rs	20000	No	<table border="1"> <tr> <td>Amount Received in Rs.</td> <td>5000</td> </tr> </table>	Amount Received in Rs.	5000
Grant Amount in Rs	20000																
Amount Received in Rs.	5000																
				Name		Type		Gender		Email		Contact					
				Dr S V Mahamuni		Faculty		Male		drsvmahamuni@gmail.com		9822756250					

2	Nutritious Food Products	Product Innovation	Non-Technological / Social / Community Innovation	Shardabai Pawar Mahila College	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	Amount Received in Rs. 30000
Name		Type		Gender		Email		Contact					
E A Langote		Faculty		Male		eknath@gmail.com		8484822682					

**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**

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	AIC-ADT Baramati Foundation	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	7	02-06-2020
2	Krishi Vigyan Kendra Baramati	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Incubation	5	29-12-2019
3	Food Industry Capacity & Skill Initiative	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Incubation, Mentoring	4	19-06-2019

**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. Shivaji Jagannath Sathe (Head of Institute) and Mr. Satyam Diliprao Pawar (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

  
Principal  
31/3/21

---

Dr. Shivaji Jagannath Sathe  
Head of the Institution,  
Pune, Maharashtra

Nodal officer

  
31/3/21

---

Mr. Satyam Diliprao Pawar  
Nodal Officer,  
Pune, Maharashtra