



# 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: MAHARAJA RANJIT SINGH STATE TECHNICAL UNIVERSITY [ARI-U-0811]

### 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)
University Business School	Academic Department with lab facility	Management	UG / PG / PhD	Non-Technical	26	10	2
Textile Engg.	Academic Department with lab facility	Textile Engineering	UG / PG / PhD	Technical	5	3	4
Punjab State Aeronautical Engineering College	Academic Department with lab facility	Engineering (Aeronautical/ Aerospace)	UG / PG / PhD	Both	34	8	14
Mathematics	Academic Department with lab facility	B.Sc (Hons.) Mathematics, M.Sc Mathematics, Ph.D	UG / PG / PhD	Non-Technical	15	10	2
Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Non-Technical	170	8	8
Food Science and Technology	Academic Department with lab facility	M.Sc. And B.Sc. (Food Science and Technology)	UG / PG / PhD	Both	59	4	4
Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Non-Technical	34	7	5
Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Non-Technical	48	6	5
Civil Engineering	Academic Department with lab facility	B.Tech, M.Tech & Ph.D	UG / PG / PhD	Technical	297	11	9
Computer Science and Engineering	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	427	13	7
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	193	16	8
Electronics and Communication Engineering	Academic Department with lab facility	B.Tech, M.Tech, PhD	UG / PG / PhD	Technical	61	12	6
Computational Sciences	Academic Department with lab facility	Computational Sciences	UG / PG / PhD	Technical	109	8	4
GZS School of Architecture and Planning	Academic Department with lab facility	Architecture and Planning	UG / PG / PhD	Technical	42	14	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 : IC201811175
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	workshop on architecture journalism	Innovation	Skill development	Student Lead Activity	Department of Architecture	15-04-2019 00:00:00	15-04-2019 00:00:00	1	Within Campus	200	8	3	211	422	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 7000	No
2	Justification of the proposed academic activities	Innovation	Skill development	Student Lead Activity	Department of Architecture	16-07-2019 00:00:00	16-07-2019 00:00:00	1	Within Campus	200	8	0	0	208	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8700	No
3	Management Techniques	Innovation	Skill development	Student Lead Activity	Department of Architecture	16-07-2019 00:00:00	16-07-2019 00:00:00	1	Within Campus	90	8	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8410	No
4	DDRC Meeting	Innovation	Skill development	Student Lead Activity	Department of Architecture	29-07-2019 00:00:00	29-07-2019 00:00:00	1	Within Campus	10	8	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 9500	No

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

5	Architecture Design & professional practice	Innovation	Skill development	Student Lead Activity	Department of Architecture	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	90	8	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
6	planning techniques	Innovation	Skill development	Student Lead Activity	Department of Architecture	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	200	8	0	0	208	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1800	No
7	Architecture Design	Innovation	Skill development	Student Lead Activity	Department of Architecture	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	45	8	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1800	No
8	Architecture Design	Innovation	Skill development	Student Lead Activity	Department of Architecture	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	45	8	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7050	No
9	Justification of the proposed academic activities	Innovation	Skill development	Student Lead Activity	Department of Architecture	15-11-2019 00:00:00	15-11-2019 00:00:00	1	Within Campus	180	8	0	0	188	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5837	No
10	urban planning/ town planning	Innovation	Skill development	Student Lead Activity	Department of Architecture	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	20	8	0	0	28	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
11	workshop on Bauhaus Pedagogy	Innovation	Skill development	Student Lead Activity	Department of Architecture	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	180	8	0	0	188	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8700	No

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

12	Interlectual Property Rights-Aspects for Business Start Ups	IPR	Training	Institute Lead Activity	IPR Cell and UBS	10-06-2019 00:00:00	14-06-2019 00:00:00	5	Within Campus	0	28	0	0	28	No	No						
13	Expert Lecture on Entrepreneurship	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	UBS and EDC Cell	16-10-2019 00:00:00	16-10-2019 00:00:00	1	Within Campus	30	8	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7000	No					
14	Innovation Day	Innovation	Innovation Contest	Institute Lead Activity	IIC cell	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	20	0	0	0	20	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Poster Competition</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Poster Competition	Award/Recognition/Achievement Received for	
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15	Workshop	Innovation	Skill development	Institute Lead Activity	EDC And IIC Cell	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	45	7	0	0	52	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Poster Competition</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Poster Competition	Award/Recognition/Achievement Received for	
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16	Architecture Design	Innovation	Skill development	Student Lead Activity	Department of Architecture	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	80	8	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	No					

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

17	Architecture Design	Innovation	Skill development	Student Lead Activity	Department of Architecture	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	80	8	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8500	No
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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**

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						
1	UGC Networking (Module A1)	Innovation	Training	UIPS, Panjab University, Chandigarh	Educational Institute	19-01-2020 00:00:00	18-03-2020 00:00:00	60	4	0	4	No	---	---	No	No						
2	24th National Annual Convention of Association of Pharmaceutical Teachers of India, APTICON-2019	Innovation	Conference	DIT University, Dehradun, Uttarakhand	Educational Institute	10-11-2019 00:00:00	13-11-2019 00:00:00	4	17	1	18	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No					
3	Anveshan 2019-2020 Students Research Convention on North Zone	Innovation	Conference	Amity University Haryana, Gurugram	Educational Institute	16-01-2020 00:00:00	17-01-2020 00:00:00	2	3	0	3	No	---	---	No	No						
4	A Global Summit on ICONICA 2020 Next-Gen Paradigms in Health Care	Innovation	Conference	Punjab University, Chandigarh	Educational Institute	12-02-2020 00:00:00	14-02-2020 00:00:00	3	4	0	4	Yes	1	BEST PAPER	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>BEST PAPER</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	BEST PAPER	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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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**

5	NASA	Innovation	B-Plan Competitions	Annual NASA, convention, Innovative film city bidadi Bengaluru	Non-Govt. Agencies	06-02-2020 00:00:00	10-02-2020 00:00:00	5	14	1	15	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	83400	No						
6	Intellectual Property Rights-Aspects for Business Start Ups	IPR	Training	NITTTR, CHD	Govt. Agency (Central)	10-06-2019 00:00:00	14-06-2019 00:00:00	5	0	26	26	No	---	---	No		No						
7	Expert Lecture on Entrepreneurship	Entrepreneurship/Startup	Mentoring Session	MRSPTU	Educational Institute	19-10-2019 00:00:00	19-10-2019 00:00:00	1	30	8	38	No	---	---	No		No						
8	Innovation Day	Innovation	Innovation Contest	MRSPTU	Educational Institute	14-10-2019 00:00:00	14-10-2019 00:00:00	1	20	0	20	Yes	1	Poster Competition Slogan Competition Idea Competition	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Poster Competition Slogan Competition Idea Competition</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Poster Competition Slogan Competition Idea Competition	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
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9	Workshop	Innovation	Skill development	MRSPTU	Educational Institute	26-04-2019 00:00:00	26-04-2019 00:00:00	1	45	7	52	No	---	---	No		No						
10	NASA	Innovation	Conference	Zonal NASA, convention, jaipur	Non-Govt. Agencies	19-10-2019 00:00:00	23-10-2019 00:00:00	5	26	1	27	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	74850	No						

**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	IPR	IPR	Elective/Core Credit Course	Master	University Business School	17-08-2020	15-12-2020	121	Online	30	45

2	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	University Business School	17-08-2020	15-12-2020	121	Online	26	45
3	Entrepreneurship and Managing Small Medium Business	Entrepreneurship/Startup	Elective/Core Credit Course	Master	University Business School	10-01-2020	10-06-2020	153	Online	26	60
4	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	University Business School	10-01-2020	10-06-2020	153	Online	110	45

**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	Short term on Interlectual Property Rights- Aspects for Business Start Ups	IPR	FDP in I&E / IPR	University Business School and IPR Cell MRSP TU and NITTTR Chandigarh	10-06-2019	14-06-2019	5	Online	28	35

**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 Baldi	Pharmacy	Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	ICT based Short Term Training on Intellectual Property Rights - Aspects for Business Start Ups	IPR	Short term Certificate	NITTTR Chandigarh	Govt. Agency (Central)	10-04-2019 00:00:00	14-04-2019 00:00:00	5	Online
2	Dr Veerpaul Kaur Maan	UBS	Assistant Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
3	Dr. Naresh Kumar	CSE	Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
4	Dr Pritpal Singh Bhullar	UBS	Assistant Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
5	Dr Balwinder Singh	ME	Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>

6	Dr. Dinesh Kumar	CSE	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)
7	Dr. Kewal Kumar	Chemistry	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)
8	Ms. Anantdeep Kaur	UBS	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)
9	Ms. Samandeep Kaur	UBS	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)
10	Dr. Puneet Bansal	UBS	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)
11	Dr. Gagan Gupta	Physics	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)
12	Dr. Pooja Sharma	UBS	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)
13	Ms. Jyoti Rani	CSE	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)
14	Ms. Abhilasha Jain	CSE	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)
15	Mr. Yadwinder Pal Sharma	ME	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)
16	Er. Swati	CSE	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)



17	Er. Manpreet Kaur	CSE	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
18	Er. Navdeep Kaur Khiva	CSE	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
19	Er. Shipra Singla	CSE	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
20	Er. Parul Garg	CSE	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
21	Er. Shimpy Maheshwary	EE	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
22	Dr. Pooja Devi	Physics	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
23	Dr. Kirandeep Kaur	Chemistry	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
24	Ms. Amit Madhar	Textile	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
25	Ar. Jatinder Kaur	Arch	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
26	Ar. Ripudaman Singh	Arch	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
27	Ar. Guneet Kaur	Arch	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

28	Ms. Manpreet Dhaliwal	PIT Nandgarh	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

**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)**

No Data Filled!

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

No Data Filled!

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

No Data Filled!

**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 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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR cell,MRSPTU	2017	Innovation Labs	0	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Ashish Baldi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ashishbaldi@mrsptu.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8968423848</td> </tr> </table>	Facility Incharge Name	Dr.Ashish Baldi	Facility Incharge Email	ashishbaldi@mrsptu.ac.in	Facility Incharge Phone	8968423848	0	No	No	Yes
Facility Incharge Name	Dr.Ashish Baldi														
Facility Incharge Email	ashishbaldi@mrsptu.ac.in														
Facility Incharge Phone	8968423848														
Source of Grant / Fund			Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							

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

No Data Filled!

**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**

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	"UNDERWATER ROBOTS DESIGN AND CONTROL MECHANISM USING PARTICLE SWARM OPTIMIZATION ALGORITHM"	IPRFiledPublished	2020102302	International	2020 - 01	NA	Granted	Yes
2	A Rule based Rootkit Detection Method using Machine Learning in Embedded IoT Devices	IPRFiledPublished	2020102099	International	2020 - 01	Uploaded	Granted	Yes
3	ARTIFICIAL INTELLIGENCE IN MODERN LARGE POWER SYSTEM APPLICATIONS	IPRFiledPublished	202041036218	National	2020 - 01	Uploaded	Published	Yes

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

No Data Filled!

**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**

**No Data Filled!**

## Declaration

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

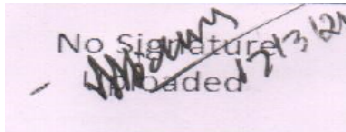
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Buta Singh Sidhu (Head of Institute) and Mr. Sandeep Kansal (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

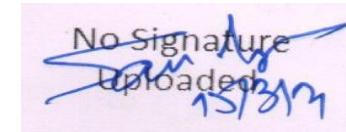
The Head of Institute



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Prof. Buta Singh Sidhu  
Head of the Institution,  
Bathinda, Punjab

Nodal officer



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Mr. Sandeep Kansal  
Nodal Officer,  
Bathinda, Punjab