



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: Thapar Institute of Engineering and Technology (Deemed-to-be-university) [ARI-I-1480]

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	Entrepreneurship Development Cell	Pre-incubation unit	Engineering and Technology	At all level	Technical	920	4	2
2	Science and Technology Entrepreneurship Park	Incubation Unit	Engineering	UG / PG / PhD	Both	50	5	3
3	Computer Science and Engineering Department	Academic Department with lab facility	Computer and Information Technology	UG / PG / PhD	Technical	675	89	18
4	Electrical and Instrumentation Engineering department	Academic Department with lab facility	Electrical, Instrumentation, IoT	UG / PG / PhD	Technical	200	46	14
5	Electronics and Communication Engineering Department	Academic Department with lab facility	Electronics, Information Technology, IoT,	UG / PG / PhD	Technical	396	62	17
6	Mechanical Engineering	Academic Department with lab facility	Manufacturing	UG / PG / PhD	Technical	296	55	16
7	Chemical Engineering Department	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	30	12	5
8	BioTechnology Department	Academic Department with lab facility	Biotechnology and Food processing	UG / PG / PhD	Technical	52	15	5
9	Civil Engineering	Academic Department with lab facility	Construction	UG / PG / PhD	Technical	107	27	10

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	YES	IIC Registration ID : IC201810744
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required

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

Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	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?			
1	Pitchers (A pitching competition)	Entrepreneurship/Startup, Innovation	Innovation Contest	Student Lead Activity	EDC	20-10-2019 00:00:00	20-10-2019 00:00:00	1	Within Campus	150	3	14	0	167	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75000	Award / Position / Recognition Secured	Winner	
																	Title of Innovation / Start-up Secured the Award / Recognition	CEO	
																	Award/Recognition/Achievement Received for		
2	The Startup Expo (Real time investors invest in real startups)	Entrepreneurship/Startup, Innovation	Start-up Conclave	Student Lead Activity	Entrepreneur Development Cell, TIET	05-11-2019 00:00:00	05-11-2019 00:00:00	1	Outside Campus	150	5	25	0	180	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	Award / Position / Recognition Secured	Winner, RunnerUp	
																		Title of Innovation / Start-up Secured the Award / Recognition	Real time investor
																		Award/Recognition/Achievement Received for	
3	Pitch Perfect Competition	Entrepreneurship/Startup, Innovation	Skill development	Student Lead Activity	Entrepreneur Development Cell, TIET	19-01-2020 00:00:00	19-01-2020 00:00:00	1	Within Campus	80	6	3	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	Award / Position / Recognition Secured	Winner, Runner-Up	
																		Title of Innovation / Start-up Secured the Award / Recognition	The Traders
																		Award/Recognition/Achievement Received for	

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

4	Elevate - The Business Lab (Business competition)	IPR, Entrepreneurship/Startup, Innovation	B-Plan Competitions	Student Lead Activity	Entrepreneur Development Cell, TIET	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	130	3	10	0	143	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	80000	Award / Position / Recognition Secured	Winner and Runner Up
																	Title of Innovation / Start-up Secured the Award / Recognition	Strategizing Team Rounding and Product Establishment
																	Award/Recognition/Achievement Received for	
5	Workshop on how to do a startup sponsored by MEITY Startup hub	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Science and Technology Entrepreneurship Park TIET, under TIDE	09-02-2020 00:00:00	09-02-2020 00:00:00	1	Within Campus	150	65	5	0	220	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	70000	No	
6	Workshop on Innovation and Entrepreneurship (Orientation)	Entrepreneurship/Startup	Orientation Session	Student Lead Activity	Entrepreneurship Development Cell	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	250	6	0	0	256	No		No	
7	Startup Punjab Hackathon	Innovation	Hackathon	Institute Lead Activity	Entrepreneurship Development Cell	30-08-2019 00:00:00	01-09-2019 00:00:00	3	Within Campus	150	4	12	8	174	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	120284	Award / Position / Recognition Secured	Winner and runner up (Information Technology), Winner and runner up (Healthcare)
																	Title of Innovation / Start-up Secured the Award / Recognition	Team Bug Slayers and Team Seekers, Team Rubix and Team dNiesters
																	Award/Recognition/Achievement Received for	

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

8	Wolf of Dalal street	Entrepreneurship/Startup	B-Plan Competitions	Student Lead Activity	ECON Club	08-11-2019 00:00:00	09-11-2019 00:00:00	2	Within Campus	300	30	0	0	330	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39549	Award / Position / Recognition Secured	winner
																Title of Innovation / Start-up Secured the Award / Recognition	Maximising the profit	
																Award/Recognition/Achievement Received for		
9	Ace of Space (Interactive competition)	Entrepreneurship/Startup, Innovation	Ideation	Student Lead Activity	Entrepreneur Development Cell, TIET	22-01-2020 00:00:00	26-01-2020 00:00:00	5	Within Campus	120	1	4	0	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	Award / Position / Recognition Secured	Winner
																Title of Innovation / Start-up Secured the Award / Recognition	Spontaneity Involvement and Activity Build on the platform	
																Award/Recognition/Achievement Received for		
10	B-Alchemy (Set of 3 entrepreneurship quizzes)	Entrepreneurship/Startup, Innovation	Skill development	Student Lead Activity	Entrepreneur Development Cell, TIET	24-01-2020 00:00:00	26-01-2020 00:00:00	3	Within Campus	300	0	10	0	310	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	Award / Position / Recognition Secured	Winner
																Title of Innovation / Start-up Secured the Award / Recognition	Analytical and Aptitude Skills	
																Award/Recognition/Achievement Received for		
11	Women Entrepreneurship panel - A panel discussion focusing on women empowerment in entrepreneurship	Entrepreneurship/Startup, Innovation	Awareness	Student Lead Activity	Entrepreneur Development Cell, TIET	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	250	5	10	0	265	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No	

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

12	Boot camp cum workshop on IoT based systems	Innovation	Boot camp	Institute Lead Activity	FICE Education Pvt. Ltd.	22-04-2019 00:00:00	26-04-2019 00:00:00	5	Within Campus	60	7	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	259600	No
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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

Sno	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	HackMIT	Innovation	Hackathon	MIT Cambridge, Massachusetts	International Agencies	15-09-2019 00:00:00	16-09-2019 00:00:00	2	4	0	4	Yes	winner	Build the Financial Revolution	Total Expense Amount Incurred by Institute? (In Rupees)	25000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Build the Financial Revolution</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	winner	Title of Innovation / Start-up Secured the Award / Recognition	Build the Financial Revolution	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	winner																						
Title of Innovation / Start-up Secured the Award / Recognition	Build the Financial Revolution																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
2	Smart India Hackathon 2019	Innovation	Hackathon	MHRD	Govt. Agency (Central)	08-07-2019 00:00:00	18-07-2019 00:00:00	11	5	1	6	Yes	winner	xyz	Total Expense Amount Incurred by Institute? (In Rupees)	24933	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>xyz</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	winner	Title of Innovation / Start-up Secured the Award / Recognition	xyz	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	winner																						
Title of Innovation / Start-up Secured the Award / Recognition	xyz																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

3	Economist 2019	Entrepreneurship/Startup	B-Plan Competitions	Lady Sri Ram College for Women, University of Delhi	Govt. Agency (State)	17-01-2020 00:00:00	18-01-2020 00:00:00	2	2	0	2	Yes	2nd prize	xyz	No	Award / Position / Recognition Secured		2nd prize		
																Title of Innovation / Start-up Secured the Award / Recognition		xyz		
																Award/Recognition/Achievement Received for		Business Model/Start up		
4	E-Summit 2020	Entrepreneurship/Startup	Start-up Conclave	Indian Institute of Technology Roorkee	Govt. Agency (Central)	01-02-2020 00:00:00	02-02-2020 00:00:00	2	5	0	5	Yes	Winner	wyz	Total Total Expense Amount Incurred by Institute? (In Rupees)		38264	Award / Position / Recognition Secured		Winner
																Title of Innovation / Start-up Secured the Award / Recognition		wyz		
																Award/Recognition/Achievement Received for		Business Model/Start up		
5	In-out Hackathon	Innovation	Hackathon	hackinout .co	Non-Govt. Agencies	19-10-2019 00:00:00	20-10-2019 00:00:00	2	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		24000	No		
6	ACCELERATOR INTER COLLEGE HACKATHON	Innovation	Hackathon	Bangalore Chamber of Industry and Commerce	Corporate / Industry Association	12-04-2019 00:00:00	14-04-2019 00:00:00	3	4	0	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		28816	No		
7	NATIONAL BIO-ENTREPRENEURSHIP HACKATHON	Innovation	Hackathon	BIRAC Camp	Govt. Agency (Central)	04-11-2019 00:00:00	05-11-2019 00:00:00	2	6	0	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		8000	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)
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1	Innovation and Entrepreneurship (UTA012)	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	University Level	24-07-2019	07-12-2019	137	Offline	631	30
2	Entrepreneurship and IPR (PHU301)	IPR, Entrepreneurship/Startup	Full time Program	Master	School of Humanities and Social Sciences	22-07-2019	14-12-2019	146	Offline	30	30
3	Research Methodology Ethics and IPR (PHU004)	IPR, Innovation	Full time Program	Master	School of Humanities and Social Sciences	17-06-2019	06-12-2019	173	Offline	49	30

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)

No Data Filled!

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. Ravi Kiran	School of Humanities and Social Sciences	Professor	No	No
2	Dr. Rajeev Mehta	Chemical Engineering	Professor	No	No
3	Dr. Karminder Singh	LMT School of Management	Associate Professor	No	No
4	Dr. Piush Verma	LMT School of Management	Associate Professor	No	No
5	Dr. Mandeep Singh	Electrical Engineering	Associate Professor	No	No
6	Dr. Vinay Kumar	Electronics and Communication Engineering	Associate Professor	No	No
7	Dr. Parag Nijhawan	Electrical Engineering	Associate Professor	No	No
8	Dr. Karun Verma	Computer Science and Engineering	Assistant Professor	No	No
9	Dr. Vineet Srivastava	Mechanical Engineering	Assistant Professor	No	No
10	Dr. Amandeep Singh Oberoi	Mechanical Engineering	Assistant Professor	No	No
11	Dr. Ashish Purohit	Mechanical Engineering	Assistant Professor	No	No
12	Dr. Husanbeer Singh Pannu	Computer Science and Engineering	Assistant Professor	No	No
13	Dr. Parminder Singh	Chemical Engineering	Assistant Professor	No	No
14	Dr. Amit Kumar Bhardwaj	LMT School of Management	Assistant Professor	No	No
15	Dr. Ankit Mahindroo	LMT School of Management	Assistant Professor	No	No
16	Dr. Gurvinder Kaur	School of Humanities and Social Sciences	Assistant Professor	No	No
17	Dr. Gurbir Kaur	Civil Engineering	Assistant Professor	No	No
18	Dr. Richa Babbar	Civil Engineering	Associate Professor	No	No
19	Dr. Harjot Singh	LMT School of Management	Assistant Professor	No	No
20	Dr. Karamjit Singh Sandha	Electronics and Communication Engineering	Assistant Professor	No	No

21	Dr. Sonia Garg	LMT School of Management	Associate Professor	No	No
22	Dr. Gaurav Goel	LMT School of Management	Assistant Professor	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

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	Entrepreneurship Development Cell	Idea Club	2014	Co-working Space	Pre-Incubation Unit	12	Animesh Bisen	abisen_be18@thapar.edu	9140470096
2	Institute Innovation Council	Innovation Club	2018	Co-working Space	Pre-Incubation Unit	2	Anmol Jindal	anmoljindal09@gmail.com	8264245458
3	Creative Computing Society	Innovation Club	2005	None	Pre-Incubation Unit, Incubation Unit, Innovation Park/Research Park	6	Dr. Anju Bala	anjubala@thapar.edu	8288008175
4	Enactus	Innovation Club	2006	None	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	4	Dr. Gagandeep Kaur	gagandeep@thapar.edu	9780310043
5	Mechatronics and Robotics Society	Innovation Club	2013	Work Stations	Pre-Incubation Unit, Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	3	Dr. Ashish Singla	ashish.singla@thapar.edu	7973656010
6	Economics Club (ECON CLUB)	Idea Club	2013	None	Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	3	Dr. Ravi Kiran	rkiran@thapar.edu	9876114591
7	Microsoft Student Chapter	Idea Club	2005	None	Pre-Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	2	Dr. Prashant Singh Rana	psrana@thapar.edu	9855764471

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)

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?
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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)

1	Design Lab, STEP	Maker's Space	2017	Co-working Space, 3D Printing & Prototype Equipment	Incubation Unit, Innovation Labs	Incubation Unit, Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Vineet Srivastava</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vineet.srivastava@thapar.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9888031148</td> </tr> </table>	Facility Incharge Name	Vineet Srivastava	Facility Incharge Email	vineet.srivastava@thapar.edu	Facility Incharge Phone	9888031148	2	No	No	No
Facility Incharge Name	Vineet Srivastava																
Facility Incharge Email	vineet.srivastava@thapar.edu																
Facility Incharge Phone	9888031148																
2	AgriBiotech Pilot Lab	Maker's Space	2010	Co-working Space	Innovation Park/Research Park	Innovation Park/Research Park	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mandeep Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mdsingh@thapar.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9815605616</td> </tr> </table>	Facility Incharge Name	Mandeep Singh	Facility Incharge Email	mdsingh@thapar.edu	Facility Incharge Phone	9815605616	2	No	No	No
Facility Incharge Name	Mandeep Singh																
Facility Incharge Email	mdsingh@thapar.edu																
Facility Incharge Phone	9815605616																

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)

No Data Filled!

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	Venture Lab	2017	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	Seed Funding, and MoEIT grants	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Karinder Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>karinder@thapar.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9569612233</td> </tr> </table>	Facility Incharge Name	Karinder Singh	Facility Incharge Email	karinder@thapar.edu	Facility Incharge Phone	9569612233	2	No	No	No
Facility Incharge Name	Karinder Singh														
Facility Incharge Email	karinder@thapar.edu														
Facility Incharge Phone	9569612233														

Section 3 > ii > e : 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/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Cell	2018	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Shri Ram</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shriram@thapar.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8288083191</td> </tr> </table>	Facility Incharge Name	Shri Ram	Facility Incharge Email	shriram@thapar.edu	Facility Incharge Phone	8288083191	1	No	No	No
Facility Incharge Name	Shri Ram														
Facility Incharge Email	shriram@thapar.edu														
Facility Incharge Phone	8288083191														

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. Karminder Singh	Associate Professor	Entrepreneurship/Startup Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Noisy Labs		Within	U31101CH2019PTC042639
2	Dr. Mandeep Singh	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Noisy Labs		Within	U31101CH2019PTC042639
3	Dr. Karun Verma	Assistant Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	EXUN INNOVATION LLP		Outside	AAL-5006
4	Dr. Vineet Srivastava	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	BULKSOLIDS INNOVATIONS INDIA PVT LTD		Within	U74999HR2019PTC084158

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	Mr. Kanwarnihaal Singh	Entrepreneurship/Startup Development	Unstructured Mentorship

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

2	Jagdeep Singh Kahlon	Idea/Innovation Development						Unstructured Mentorship
3	HPS Lamba	Idea/Innovation Development,Entrepreneurship/Startup Development						Structured Mentorship
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	STARTUP SEMESTER	01-01-2020	31-03-2020	91	4	2	Innovation/Prototype	
4	Col. CVS Sehgal	Entrepreneurship/Startup Development						Unstructured Mentorship
5	Mr. Sunil Chandra	Idea/Innovation Development						Unstructured Mentorship
6	Vaibhav Gupta	Idea/Innovation Development						Unstructured Mentorship
7	Pratyush	Idea/Innovation Development						Unstructured Mentorship
8	Vineet Pahuja	Entrepreneurship/Startup Development						Unstructured Mentorship
9	Jasmeet Singh	Entrepreneurship/Startup Development						Unstructured Mentorship
10	Puneet Jindal	Entrepreneurship/Startup Development						Unstructured Mentorship
11	Bikramjeet Singh	Entrepreneurship/Startup Development						Unstructured Mentorship
12	Nishchal Dua	Entrepreneurship/Startup Development						Unstructured Mentorship
13	Arjun Srivastava	Entrepreneurship/Startup Development						Unstructured Mentorship
14	Sanjay gupta	Idea/Innovation Development						Unstructured Mentorship
15	Sourabh Deorah	Idea/Innovation Development						Unstructured Mentorship
16	Yuvraj Singla	Idea/Innovation Development						Unstructured Mentorship
17	Aman Mehta	Idea/Innovation Development						Unstructured Mentorship
18	Shobhit Gupta	Idea/Innovation Development						Unstructured Mentorship
19	Harshdeep Rapal	Idea/Innovation Development						Unstructured Mentorship
20	Vaibhav Jain	Idea/Innovation Development						Unstructured Mentorship
21	Vaibhav Bansal	Idea/Innovation Development						Unstructured Mentorship
22	Garv Mathur	Idea/Innovation Development						Unstructured Mentorship
23	MRIGANK SINGH	Idea/Innovation Development,Entrepreneurship/Startup Development						Structured Mentorship
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee	
	STARTUP PUNJAB HACKATHON	30-08-2019	01-09-2019	3	3	25	Innovation/Prototype	

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	EXUN Innovation	Product Innovation, Process Innovation	Technological	STEP	Student	TRL 5 : Large scale prototype tested in intended environment.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	No	Yes	No	No	No										
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Lakshit Anand</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>lakshit@wendor.in</td> <td>8377815867</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Lakshit Anand	Alumni Entrepreneur	Male	lakshit@wendor.in	8377815867							
Name	Type	Gender	Email	Contact																			
Lakshit Anand	Alumni Entrepreneur	Male	lakshit@wendor.in	8377815867																			
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ayush Pahwa</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>ayush@wendor.in</td> <td>9646261622</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Ayush Pahwa	Alumni Entrepreneur	Male	ayush@wendor.in	9646261622							
Name	Type	Gender	Email	Contact																			
Ayush Pahwa	Alumni Entrepreneur	Male	ayush@wendor.in	9646261622																			
2	Rochrete Technologies Pvt. Ltd.	Product Innovation	Technological		Alumni	TRL 5 : Large scale prototype tested in intended environment.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No										

1	NOISY LABS PVT. LTD.	Product Innovation	Techno logical	87	Student-Faculty	Venture with Corporate Identification Number (CIN) Registration	U31101CH 2019PTC04 2639	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	Abhijeet Singla		08518882		Student		Male		abhijeet2170@gmail.com		9872501585		
PARAMJIT KAUR		08518893		Innovator/Entrepreneur External to Institute		Female		akalharpreet@gmail.com		9530813016			
2	EXUN Innovation	Process Innovation, Service Innovation	Techno logical	87	Alumni	Venture with Corporate Identification Number (CIN) Registration	AAL-5006	2017-18	Graduated from the Incubation unit	No	No	No	Yes
	Name		DIN number		Type		Gender		Email		Contact		
	AYUSH PAHWA		07989089		Alumni Entrepreneur		Male		ayushpahwa96@gmail.com		9646261622		
Lakshit Anand		07252348		Alumni Entrepreneur		Male		lakshit@wendor.in		8377815867			
3	AGPHARM BIOINNOVATIONS LLP	Product Innovation, Process Innovation	Techno logical	87	Faculty	Venture with Corporate Identification Number (CIN) Registration	AAN-7887	2018-19	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs. 35400
	Name		DIN number		Type		Gender		Email		Contact		
	Sanjai Saxena		8306988		Faculty		Male		sanjaibiotech@yahoo.com		9888219815		
4	MLTOOL TECHNOLOGIES PRIVATE LIMITED	Process Innovation	Techno logical	87	Student-Faculty	Venture with Corporate Identification Number (CIN) Registration	U72900DL2 019PTC352 620	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No
	Name		DIN number		Type		Gender		Email		Contact		
	PRASHANT SINGH RANA		08510449		Faculty		Male		prashant.singh@thapar.edu		9313889932		

	MEXSON FERNANDES				08510450		Alumni Entrepreneur		Male		fernandesmexson@gmail.com		8007503717	
5	BULK SOLIDS INNOVATION INDIA PRIVATE LIMITED	Product Innovation	Technological	87	Faculty	Venture with Corporate Identification Number (CIN) Registration U74999HR2019PTC084158	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No	
	Name		DIN number		Type		Gender		Email		Contact			
	KUNDAN LAL		08639277		Faculty		Male		kundanlalrana@thapar.edu		9646046258			
	ATUL SHARMA		08639276		Faculty		Male		atul.sharma@thapar.edu		7837492910			
		08639275		Innovator/Entrepreneur External to Institute		Female		soumyasuddha@gmail.com		9592697176				
6	SAMAX INVENTIONS PRIVATE LIMITED	Product Innovation	Technological	87	Alumni	Venture with Corporate Identification Number (CIN) Registration U73200HR2019PTC082727	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No		
	Name		DIN number		Type		Gender		Email		Contact			
	SAMAX		08570213		Alumni Entrepreneur		Male		SAMAXOCT28@GMAIL.COM		9878081418			
	PIYOJA		08570214		Innovator/Entrepreneur External to Institute		Female		SAMAXOCT28@GMAIL.COM		9878081418			
7	ROSHCHRETE TECHNOLOGIES PRIVATE LIMITED	Product Innovation	Technological	87	Alumni	Venture with Corporate Identification Number (CIN) Registration U36999PB2017PTC046311	2017-18	Graduated from the Incubation unit	No	No	No	No		
	Name		DIN number		Type		Gender		Email		Contact			
	KARAN CHAWLA		07756712		Alumni Entrepreneur		Male		chawla.karan93@gmail.com		8283047770			
	MOHIT CHAWLA		07756752		Innovator/Entrepreneur External to Institute		Male		chawla.karan93@gmail.com		9465955115			
8	HUMAWINGS PRIVATE LIMITED	Product Innovation, Service Innovation	Technological	87	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration U74999PB2018PTC047623	2017-18	Graduated from the Incubation unit	No	No	No	No		
	Name		DIN number		Type		Gender		Email		Contact			
	Kamalpavit Kaur		08094660		Innovator/Entrepreneur External to Institute		Female		kamalpavit.kaur@gmail.com		9915787088			

MANAV PAVITRA SINGH	08094659	Innovator/Entrepreneur External to Institute	Male	manav2119@gmail.com	-
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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	Centre of Innovation and Bio Design, PGI Chandigarh	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Seed fund	1	10-10-2019
2	Tel Aviv University, Israel	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Seed fund	5	13-11-2019

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

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	System for Generation and Optimization of Bioenergy in Diesel Generator for Rural Electrification Using Artificial Neural Network (ANN)	201911017321	National	2019 - 05	Uploaded

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

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot			
1	A SYSTEM AND A DEVICE FOR HEALTH AND FERTILITY MANAGEMENT OF ONE OR MORE MILCH ANIMALS	PatentsHoldByInnovations	201914031498	Published	Uploaded			
						Applicant Name	Applicant Type	Start-up/Innovator Name
						Kamalpavit Kaur	Incubatee Startup	Humawings Pvt. Ltd.
	MANAV PAVITRA SINGH	Incubatee Startup	Humawings Pvt. Ltd.					

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

No Data Filled!

List the patent Published & Granted to HEI

Srno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	A SOLID CATALYST FOR BIODIESEL PRODUCTION AND A PROCESS FOR ITS PREPARATION	Granted	IN309701B	2019	Approved	

List the patent Published & Granted to HEI

2	A SOLID CATALYST FOR BIODIESEL PRODUCTION AND A PROCESS FOR ITS PREPARATION	Granted	IN309701B	2019	Approved	
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Declaration

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

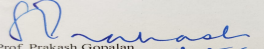
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Prakash Gopalan (Head of Institute) and Dr. Mandeep Singh (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

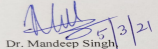


Prof. Prakash Gopalan,
Head of the Institution,
Thapar Institute of Engineering and Technology
(Deemed-to-be-university),
Patiala, Punjab

5/3/22

Prof. Prakash Gopalan
Head of the Institution,
Patiala, Punjab

Nodal officer



Dr. Mandeep Singh
Nodal Officer,
Thapar Institute of Engineering and Technology
(Deemed-to-be-university),
Patiala, Punjab

5/3/21

Dr. Mandeep Singh
Nodal Officer,
Patiala, Punjab

Responsibility for accuracy and authenticity of data lies with the concerned institution.