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: CT UNIVERSITY, FEROZEPUR ROAD, LUDHIANA [ARI-U-0892]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	School of health care and paramedical sciences	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	21	5	3
2	School of Health care and Paramedical sciences	Academic Department with lab facility	Radiology	At all level	Technical	95	6	3
3	School of Health care and paramedical sciences	Academic Department with lab facility	Optometry	UG / PG / PhD	Technical	43	4	3
4	School of health care and paramedical sciences	Academic Department with lab facility	Physiotherapy	UG / PG / PhD	Technical	42	6	3
5	School of health care and paramedical sciences	Academic Department with lab facility	Anesthesia Technology	UG / PG / PhD	Technical	42	4	3
6	School of health care and paramedical sciences	Academic Department with lab facility	Operation Theatre Technology	UG / PG / PhD	Technical	17	4	3
7	School of health care and paramedical sciences	Academic Department with lab facility	Medical Lab Technology	At all level	Technical	39	6	3
8	School of hotel management, airlines and tourism	Academic Department with lab facility	Hotel management/ Airlines/ Tourism	UG / PG / PhD	Technical	190	9	6
9	School of Design and Innovation	Academic Department with lab facility	Music	UG / PG / PhD	Technical	10	1	1
10	School of Design and Innovation	Academic Department with lab facility	Theatre	UG / PG / PhD	Technical	5	1	1
11	School of Management Studies	Academic Department with lab facility	Management and Commerce	UG / PG / PhD	Non-Technical	140	11	2
12	School of Design and Innovation	Academic Department with lab facility	Fine arts	UG / PG / PhD	Technical	30	3	0

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

13	School of Design and Innovation	Academic Department with lab facility	Multimedia and animation	UG / PG / PhD	Technical	39	3	0
14	School of Design and Innovation	Academic Department with lab facility	Fashion design	UG / PG / PhD	Technical	35	4	1
15	School of Design and Innovation	Academic Department with lab facility	Interior design	UG / PG / PhD	Technical	26	2	1
16	School of Design and Innovation	Academic Department with lab facility	Architecture	UG / PG / PhD	Technical	30	12	1
17	Entrepreneurship Cell	Industry Institute Interface Unit	Entrepreneur	At all level	Both	20	5	2
18	Artificial Intelligence	Centre of Excellence with Advance Tools & Equipment	Artificial Intelligence	At all level	Both	50	5	2
19	School of Humanities	Academic Department with lab facility	Arts/ Physical Education	UG / PG / PhD	Technical	118	25	0
20	School of Engineering and Technology	Academic Department with lab facility	Engineering/ Computer Applications	At all level	Technical	401	24	4
21	School of Law	Academic Department with lab facility	Law	UG / PG / PhD	Technical	100	7	0
22	School of Pharmaceutical Sciences	Academic Department with lab facility	Pharmaceutical Sciences	At all level	Technical	93	12	3
23	Cyber Awareness Cell	Industry Institute Interface Unit	Cyber	At all level	Both	40	5	1
24	Robotics Cell	Pre-incubation unit	Robotics	At all level	Technical	40	1	1

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 : IC201912382
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	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	Program Theme	Program Type	Program Category	Organizing	Program Start	Program End Date	Program Duration(i	Program Location	Internal Participa	Internal Participa	External Participa	External Participa	Total Number	Had institute spent expenses either from own	Did any of the participants received any awards/recognition

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

	(Full Name)			Department / Centre / Student Body Name	Date		n Days)		nts (Student)	nts (Faculty)	nts (Student)	nts (Faculty)	of Participants	resource/received fund to organise the program/activity/event?	for startup / innovation ideas / research?
1	LOGO Designing competition	Innovation	Skill development	Student Lead Activity	Computer Science and Engineering And Computer Application	21-08-2019 00:00:00	24-08-2019 00:00:00	4	Within Campus	50	6	0	0	56	No	No
2	Web Designing	Innovation	Skill development	Student Lead Activity	Computer Science and Engineering And Computer Application	09-04-2019 00:00:00	12-04-2019 00:00:00	4	Within Campus	46	5	0	0	51	No	No
3	clouds,AI & ML,Quality Learning	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering Computer Applications	08-01-2020 00:00:00	11-01-2020 00:00:00	4	Within Campus	80	10	0	2	92	No	No
4	Networking,cloud Computing	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering And Computer Application	24-01-2020 00:00:00	27-01-2020 00:00:00	4	Within Campus	90	7	0	2	99	No	No
5	Network Security, elastic load balancing ,Auti Scaling Group,ML	Innovation	Seminar	Student Lead Activity	Computer Science and Engineering And Computer Application	27-01-2020 00:00:00	30-01-2020 00:00:00	4	Within Campus	90	9	0	0	99	No	No
6	AI in microbiology	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering And Computer Application	30-01-2020 00:00:00	02-02-2020 00:00:00	4	Within Campus	100	6	0	0	106	No	No

7	Development awareness on Enterprenuarship	Entrepreneurship/Startup	Seminar	Student Lead Activity	Computer Science and Engineering And Computer Application	02-03-2020 00:00:00	05-03-2020 00:00:00	4	Within Campus	200	20	0	2	222	No	No
8	wikipedia	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering Computer Applications	01-03-2020 00:00:00	04-03-2020 00:00:00	4	Within Campus	200	10	0	4	214	No	No
9	FDP cum Workshop on SPSS and its application in research	Innovation	Workshop	Institute Lead Activity	SOHPE	11-09-2019 00:00:00	14-09-2019 00:00:00	4	Within Campus	120	20	0	5	145	No	No
10	Educational Trip to Historical Places	Innovation	Exposure visit	Institute Lead Activity	SOHPE	02-02-2020 00:00:00	06-02-2020 00:00:00	5	Outside Campus	20	2	0	0	22	No	No
11	Workshop on research design	Innovation	Workshop	Institute Lead Activity	SOHPE	01-10-2019 00:00:00	04-10-2019 00:00:00	4	Within Campus	120	20	0	0	140	No	No
12	Workshop on Communication skills	Innovation	Workshop	Institute Lead Activity	SOHPE	23-09-2019 00:00:00	26-09-2019 00:00:00	4	Within Campus	120	20	0	0	140	No	No
13	Wikimedia	Entrepreneurship/Startup	Workshop	Institute Lead Activity	SOHPE	22-10-2019 00:00:00	25-10-2019 00:00:00	4	Within Campus	120	20	0	0	140	No	No
14	Work shop on Phonetics	Innovation	Workshop	Institute Lead Activity	SOHPE	20-08-2019 00:00:00	23-08-2019 00:00:00	4	Within Campus	120	20	0	0	140	No	No
15	Awareness Program of Lincoln University	Entrepreneurship/Startup	Awaress	Institute Lead Activity	School of Management Studies	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	120	11	0	1	132	No	No
16	Retail Management Workshop	Entrepreneurship/Startup	Awaress	Institute Lead Activity	School of Management Studies	06-09-2019 00:00:00	06-09-2019 00:00:00	1	Within Campus	120	11	0	1	132	No	No

17	Guest Lecture - Supply Chain Logistics	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	School of Management Studies	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	120	11	0	2	133	No	No
18	BSE Financial Market - Guest Lecture	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	School of Management Studies	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	120	11	0	3	134	No	No
19	Showbiz (Business Plan Marketing Show)	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	School of Management Studies	10-04-2019 00:00:00	10-04-2019 00:00:00	1	Within Campus	120	12	0	1	133	No	No
20	Sociotube	Innovation	Awareness	Institute Lead Activity	School of Management Studies	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	120	11	0	1	132	No	No
21	Quiz - Economic Times	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Management Studies	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	200	11	0	3	214	No	No
22	Awareness Program of MSME-DI Ludhiana	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Management Studies	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	120	11	0	8	139	No	No
23	Workshop	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	School of Management Studies	26-03-2020 00:00:00	26-03-2020 00:00:00	1	Within Campus	120	8	0	1	129	No	No
24	Industrial Visit	Entrepreneurship/Startup, Innovation	Exposure visit	Institute Lead Activity	School of Management Studies	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Outside Campus	50	2	0	2	54	No	No
25	Road Show - Swatchata Pakhwara	Entrepreneurship/Startup	Road Show	Institute Lead Activity	School of Management Studies	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Outside Campus	40	2	0	3	45	No	No
26	Engineer's day celebration	Innovation	Innovation Contest	Student Lead Activity	School of Engineering and Technology	13-09-2019 00:00:00	16-09-2019 00:00:00	4	Within Campus	43	5	0	0	48	No	No
27	Indian Akshay Urja Day	Innovation	Seminar	Student Lead Activity	School of Agriculture And Natural Science	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	150	17	0	0	167	No	No

28	World Ozone Day	Innovation	Seminar	Student Lead Activity	School of Agriculture And Natural Science	16-09-2019 00:00:00	16-09-2019 00:00:00	1	Within Campus	100	15	0	1	116	No	No
29	Awareness Programme on Scientific Agriculture	Innovation	Exhibition	Institute Lead Activity	School of Agriculture and Natural Science	10-04-2019 00:00:00	10-04-2019 00:00:00	1	Within Campus	120	16	0	0	136	No	No
30	Educational Tour To Bee Farm	Innovation	Exposure visit	Student Lead Activity	School of Agriculture And Natural Science	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Outside Campus	70	4	0	0	74	No	No
31	Agriculture Enterprise Fair	Innovation	Exhibition	Institute Lead Activity	School of Agriculture And Natural Science	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	500	50	0	0	550	No	No
32	Visit to Israel Project for Vegetables, Kartarpur	Innovation	Exposure visit	Student Lead Activity	School of Agriculture And Natural Science	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Outside Campus	70	2	0	0	72	No	No
33	Current Scenario of Pharamceutical products on Eye Care	Entrepreneurship/Startup	Orientation Session	Student Lead Activity	School of Pharmaceutical and Healthcare Sciences, CT University Campus	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	150	20	0	0	170	No	No
34	Industrial visit	Entrepreneurship/Startup, Innovation	Exposure visit	Student Lead Activity	School of pharmaceutical and healthcare sciences	10-10-2019 00:00:00	11-10-2019 00:00:00	2	Outside Campus	30	5	0	1	36	No	No
35	World Hepatitis Day	Innovation	Motivational speak	Student Lead Activity	School of pharmaceutical and healthcare sciences	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	150	20	0	0	170	No	No
36	World First Aid day	Innovation	Orientation Session	Student Lead Activity	School of Pharmaceutical and healthcare sciences	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	150	20	0	0	170	No	No

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

37	Symposium on "World Heart day"	Innovation	Seminar	Student Lead Activity	School of Pharmaceutical and healthcare sciences	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Within Campus	170	20	0	0	190	No	No
38	National Conference on World Pharmacy Week	Entrepreneurship/ Startup, Innovation	Conference	Student Lead Activity	School of Pharmaceutical and healthcare sciences	20-10-2019 00:00:00	26-10-2019 00:00:00	7	Within Campus	200	20	100	10	330	No	**Award / Position / Recognition Secured:** 1st; **Title of Innovation / Start-up Secured the Award / Recognition:** Best paper; **Award/Recognition/Achievement Received for:** Novel Research Paper/Work
39	Inter College competition	Innovation	Innovation Contest	Institute Lead Activity	SODAI	17-02-2020 00:00:00	20-02-2020 00:00:00	4	Outside Campus	20	2	0	0	22	No	**Award / Position / Recognition Secured:** All over trophy; **Title of Innovation / Start-up Secured the Award / Recognition:** professor gurbir singh sarna memorial; **Award/Recognition/Achievement Received for:** Idea/Innovation/Prototype
40	Shades national art exhibition	Innovation	Exposure visit	Institute Lead Activity	SODAI	06-08-2019 00:00:00	09-08-2019 00:00:00	4	Outside Campus	20	2	0	0	22	No	No
41	brand knowledge	Innovation	Exposure visit	Institute Lead Activity	SODAI	07-08-2019 00:00:00	10-08-2019 00:00:00	4	Outside Campus	9	2	0	0	11	No	No
42	Nail Art	Innovation	Skill development	Institute Lead Activity	SODAI	10-08-2019 00:00:00	13-08-2019 00:00:00	4	Within Campus	25	2	0	0	27	No	No

43	Fashion show	Innovation	Innovation Contest	Institute Lead Activity	SODAI	30-10-2019 00:00:00	01-11-2019 00:00:00	3	Outside Campus	8	2	0	0	10	No		
																Award / Position / Recognition Secured	first position
																Title of Innovation / Start-up Secured the Award / Recognition	Innovative design in fashion show and international design and creative meet
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
44	faviacrylic workshop	Innovation	Exposure visit	Institute Lead Activity	SODAI	28-01-2020 00:00:00	31-01-2020 00:00:00	4	Within Campus	40	7	0	1	48	No	No	
45	Glam and Grace	Innovation	Innovation Contest	Institute Lead Activity	SODAI	11-02-2020 00:00:00	14-02-2020 00:00:00	4	Within Campus	35	3	0	0	38	No	No	
46	International Multi-disciplinary Academic Research Conference (IMARC-2019)	IPR, Entrepreneurship/Startup, Innovation	Conference	Student Lead Activity	CT University, Ludhiana	06-09-2019 00:00:00	07-09-2019 00:00:00	2	Within Campus	300	150	200	100	750	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 534540	Award / Position / Recognition Secured	award
																Title of Innovation / Start-up Secured the Award / Recognition	paper presentation
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
47	International Conference on Current Trends in Engineering, Sciences and Management (ICTESM-2020)	IPR, Entrepreneurship/Startup, Innovation	Conference	Institute Lead Activity	CT University, Ludhiana	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Outside Campus	200	50	100	20	370	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 25000	Award / Position / Recognition Secured	1st position
																Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

48	Dhanak	IPR, Entrepreneurship/Startup, Innovation	Exhibition	Student Lead Activity	CT University, Ludhiana	16-04-2019 00:00:00	16-04-2019 00:00:00	1	Within Campus	500	100	700	100	1400	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	950554	Award / Position / Recognition Secured	1st
																	Title of Innovation / Start-up Secured the Award / Recognition	Innovation
																	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

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	
1	International Conference on Multi-disciplinary Academic Research (IMARC)	Innovation	Conference	CT University	Educational Institute	06-09-2019 00:00:00	07-09-2019 00:00:00	2	500	300	800	Yes	NA	Best paper	No	Award / Position / Recognition Secured	NA
																Title of Innovation / Start-up Secured the Award / Recognition	Best paper
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
2	International Conference on Current Trends in Engineering Sciences and Management (ICTESM)	Innovation	Conference	CT University	Educational Institute	06-01-2020 00:00:00	06-01-2020 00:00:00	1	150	50	200	Yes	NA	Best paper on Innovation	No	Award / Position / Recognition Secured	NA
																Title of Innovation / Start-up Secured the Award / Recognition	Best paper on Innovation
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

#	Name	Type	Event Type	Organization	Org Type	Start Date	End Date	Col9	Col10	Col11	Col12	Award	Position	Title	Col16	Col17
3	Indian Convention of Food Scientists and Technologists (ICFOST)	Entrepreneurship/ Startup	Conference	Tezpur University, Assam	Educational Institute	30-01-2020 00:00:00	01-02-2020 00:00:00	3	500	250	750	Yes	1st	Best paper on innovation	No	
4	3rd International Conference on Developments Through skill and Innovations	Innovation	Conference	Gujranwala Guru Nanak Institute of Management and Technology, Ludhiana	Educational Institute	15-02-2020 00:00:00	15-02-2020 00:00:00	1	300	150	450	No	---	---	No	No
5	International Conference In collaboration with APTI Punjab and constituent colleges of Adesh University on Current trends in global clinical and Pharmacy practice Screen reader support enabled.	Entrepreneurship/ Startup	Conference	Adesh instutute of pharmacy andbiomedical sciences, Bathinda	Educational Institute	16-01-2020 00:00:00	16-01-2020 00:00:00	1	250	100	350	No	---	---	No	No
6	Faculty Development Programme on Intellectual Property Rights	IPR	Seminar	CT University, Ludhiana	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	10	50	60	No	---	---	No	No

For row 3, the last column contains:

Award / Position / Recognition Secured	1st
Title of Innovation / Start-up Secured the Award / Recognition	Best paper on innovation
Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

7	Faculty Development Programme on Research Methodology	Innovation	Seminar	CT University, Ludhiana	Educational Institute	22-06-2019 00:00:00	22-06-2019 00:00:00	1	20	100	120	No	---	---	No		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	BA	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	07-01-2019	03-05-2019	117	Offline	26	30
2	BJMC	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	07-01-2019	03-05-2019	117	Offline	3	31
3	MA ENGLISH	Entrepreneurship/Startup	Full time Program	Master	SOHPE	07-01-2019	03-05-2019	117	Offline	2	30
4	BA	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	02-08-2019	04-12-2019	125	Offline	26	30
5	BJMC	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	02-08-2019	04-12-2019	125	Offline	3	30
6	BPES	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	07-01-2019	03-05-2019	117	Offline	7	32
7	BPES	Entrepreneurship/Startup	Full time Program	Bachelor	SOHPE	02-08-2019	04-12-2019	125	Offline	7	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)

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	FDP on Fundamental Rights and duties	Innovation	FDP in I&E / IPR	SOHPE	12-08-2019	16-08-2019	5	Offline	120	30
2	Workshop on Application of Statistics In Research	Innovation	FDP in I&E / IPR	SOHPE	05-08-2019	09-08-2019	5	Offline	120	30
3	FDP on Yoga	Innovation	FDP in I&E / IPR	SOHPE	11-11-2019	15-11-2019	5	Offline	120	30
4	MDP	Entrepreneurship/Startup	MDP in I&E / IPR	MSME-DI Ludhiana	21-10-2019	25-10-2019	5	Offline	25	30
5	EDP	Entrepreneurship/Startup	EDP in I&E / IPR	MSME- DI Ludhiana	04-11-2019	15-11-2019	12	Offline	25	30

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 Kavita Sharma	Management	Professor	Yes	Yes

Srno	Name	Department	Designation				
	Highest degree name in I&E and IPR: IIC Innovation Ambassador Training Series						
	Degree Type: Diploma						
	Year of Highest degree in I&E and IPR: 2020						

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	P Prasant	Computer Application	Assistant Professor	Yes		Yes	

Highest degree name in I&E and IPR	IIC Innovation Ambassador Training Series
Degree Type	Diploma
Year of Highest degree in I&E and IPR	2020

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	Dr Harmeet Singh	Computer Science and Engineering	Assistant Professor	Yes		Yes	

Highest degree name in I&E and IPR	IIC Innovation Ambassador Training Series
Degree Type	Diploma
Year of Highest degree in I&E and IPR	2020

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

4	Dr Rajiv Sharma	Pharmaceutical Sciences	Professor	Yes		Yes	

Highest degree name in I&E and IPR	IIC Innovation Ambassador Training Series
Degree Type	Diploma
Year of Highest degree in I&E and IPR	2020

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	Innovator	Innovation Club	2019	Work Stations	Innovation Labs	10	Lottie Mukuka	jaylottiemukuka@gmail.com	7717347050
2	Robonova	Startup Club	2019	3D Printing	Innovation Labs	12	Lottie Mukuka	jaylottiemukuka@gmail.com	7717347050

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-	Type of	Year of	Type of	Pre-Incubation	Name of the	Facility Details	Total Nos of Dedicated	Had the Pre-Incubation	Had institute	Had institute spent expenses either

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)

	Incubation Centre	Facility	Establishment	Facilities Available at the Centre	with Access to Other I&E Facilities at the HEI	Funding Schemes Available with Pre-Incubation Unit, if any (Optional)			Executive/Management team Strength Engaged at the Facility	Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
1	Robotics and Automation	Tinkering Lab	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name	Dr. Harmeet Singh	30	Yes	No	No
							Facility Incharge Email	harmeet17333@ctuniversity.in				
							Facility Incharge Phone	9877002246				

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	Robotics and Automation Lab	2019	IPR Cell/Technology Transfer Centre		Facility Incharge Name	Dr. Harmeet Singh	30	Yes	No	Yes
					Facility Incharge Email	harmeet17333@ctuniversity.in				
					Facility Incharge Phone	9877002246				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	CT University	Educational Institute	532060

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

2	RICE - Research & Innovation Centre for Excellence	2018	Innovation Labs		Facility Incharge Name	Jaspreet Singh	2	Yes	No	Yes
					Facility Incharge Email	jaspreet.research@ctuniversity.in				
					Facility Incharge Phone	9877276783				

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

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
1	Robonova	2019	Centre of Excellence with Advance Tools		Facility Incharge Name	Dr.Harmeet SIngh	15	Yes	No	Yes
					Facility Incharge Email	harmeet17333@ctuniversity.in				
					Facility Incharge Phone	9877000246				

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

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

No Data FIled!

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/Start up/Venture Development and implementation during the Financial Year 2019-20?

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

1	IPR Cell	2020	Innovation Labs		Facility Incharge Name	Dr. Harmeet Singh	5	Yes	No	No
					Facility Incharge Email	harmeet17333@ctuniversity.in				
					Facility Incharge Phone	9877002246				

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 Rajiv Sharma	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	13
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Algae reactor Oxygen Generator		Within	
2	Dr Kavita Sharma	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	19
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Development of App for booking of Maid or Bie		Within	
3	Dr Harmeet Singh	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	2
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Smart emergency Horn		Within	
4	P Prasant	Assistant Professor	Entrepreneurship/Startup Development	9
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Cricket Updated Smell Powder		Outside	
	Nirav Gallery		Outside	

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	Dr Mrinankush Datta	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
2	Dr Karun Kashmiri	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Dr Mahendra Singh	Idea/Innovation Development	Unstructured Mentorship

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

4	Mr Harwinder Singh	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
5	Mr Aman Srivastva	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
6	Dr. Harmeet Singh	Entrepreneurship/Startup Development,IPR Protection & Commercialization	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	APE Engine	Process Innovation	Technological	Robotics and automation lab	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr. Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246

Name	Type	Gender	Email	Contact
Parath Verma	Student	Male	reewalv@gmail.com	7087146660
Lottie Mukuka-	Student	Male	jaylottiemukuka@gmail.com	9779493577

#	Project	Innovation Type		Lab	Team	TRL Current	TRL Achieved	Status					
2	SAVE THE PLANET PROJECT	Process Innovation	Technological	Robotics and Automation lab	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr, Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246

Name	Type	Gender	Email	Contact
Lottie Mukuka	Student	Male	jaylottiemukuka@gmail.com	9779493577
Manish Samota	Student	Male	manishsamota27@gmail.com	9636234600
Nindia Sharma-	Student	Female	nindiasharma1999@gmail.com	7889124980

#	Project	Innovation Type		Lab	Team	TRL Current	TRL Achieved	Status			Grant Amount in Rs		
3	3D Printed Prosthesis Hand	Process Innovation	Technological	Robotics and Automation Lab	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	20000	No	No

Name	Type	Gender	Email	Contact
Dr. Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246

Name	Type	Gender	Email	Contact
Dr. Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246
Christamber Trueman	Student	Male	christambartrueman007@gmail.com	9188426032
Manish Samota	Student	Male	manishsamota27@gmail.com	9636234600
Neha Singh-	Student	Female	ns7694045@gmail.com	7814038189
Sake dhanalakshmi	Student	Female	dharanisake15@gmail.com	8074841054

#	Name												
4	ENVIORNBOTS	Process Innovation	Technological	Robotics and Automation lab	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr. Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246

Name	Type	Gender	Email	Contact
Christambar True Man	Student	Male	christambartrueman007@gmail.com	9188426032

#	Name										Grant Amount in Rs		
5	Printed 6-axis Robotic Arm	Process Innovation	Technological	Robotics and Automation Lab	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	50000	No	No

Name	Type	Gender	Email	Contact
Dr. Harmeet Singh	Faculty	Male	harmeet17333@ctuniversity.in	9877002246

Name	Type	Gender	Email	Contact
Satyam Gupta	Student	Male	satyamg32@gmail.com	8435372779
Harshdeep Sandhu	Student	Male	harsh1739371@gmail.com	9878781378

| 6 | Drone Catcher Device | Product Innovation | Technological | RICE - Research & Innovation center for Excellence | Student | TRL 2 : Technology formulation . Concept and application have been formulated. | TRL 2 : Technology formulation . Concept and application have been formulated. | Innovation Development Ongoing | No | No | Grant Amount in Rs 10000 | No | No |

Name	Type	Gender	Email	Contact
Gurpreet Kaur	Student	Male	gurpreetkaursooch@gmail.com	8295844715

| 7 | Accidental Sensing Module | Product Innovation | Technological | RICE - Research & Innovation centre for Excellence | Student | TRL 2 : Technology formulation . Concept and application have been formulated. | TRL 2 : Technology formulation . Concept and application have been formulated. | Innovation Development Ongoing | No | No | Grant Amount in Rs 10000 | No | No |

Name	Type	Gender	Email	Contact
N. Kiran Reddy	Student	Male	n.kiranreddy@gmail.com	7347316574

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	SRG Research Private Limited	Product Innovation	Technological	789	Staff	Venture with Corporate Identification Number (CIN) Registration — U74999PB2018PTC048312	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Jaspreet Singh	08215195	Staff	Male	jaspreetsinghgru@gmail.com	9646403030

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	Medivision Diagnostics	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	100	23-03-2019
2	PANCHAM HOSPITAL, LUDHIANA	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	100	18-03-2019
3	Oniosome Healthcare Private Limited	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Investment	100	09-06-2019
4	Aykai Superspeciality Hospital, Ludhiana	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	150	16-09-2019

5	DCM Group of Schools	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	200	22-09-2019
6	Prime Asia University Dhaka, Bangladesh	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Mentoring	200	09-06-2019
7	Blockchain Prep Fze L.L.C	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	150	09-06-2019
8	Hire Mee	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	150	19-12-2019
9	Australian Health and Science Institute, Australia	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	100	29-06-2020
10	Saylors Org Academy, USA	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	200	13-08-2020
11	IUBH, University of Applied Sciences, Germany	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	200	27-08-2020
12	Eclat Hospitality	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Investment	200	28-07-2020
13	Eduvoice Chapter	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Investment	150	31-07-2020
14	B.C.M Senior Secondary School, Ludhiana	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	200	22-12-2020
15	ICSI: The Institute of Company Secretaries of India, New Delhi	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	200	26-10-2020
16	Lormat Consulting Company	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Investment	250	20-12-2020
17	University of Strathclyde, UK	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Networking	300	02-10-2020

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

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. Harsh Sadawarti (Head of Institute) and Dr. RAJIV SHARMA (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
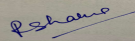
Thank you

The Head of Institute

Nodal officer

_____
Dr. Harsh Sadawarti
Head of the Institution,
LUDHIANA, Punjab

_____
Dr. RAJIV SHARMA
Nodal Officer,
LUDHIANA, Punjab

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