



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Guru Nanak Dev Engineering College [ARI-C-10381]

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	Guru Nanak Dev Engineering College	Academic Department with lab facility	Multi disciplinary	UG / PG / PhD	Technical	4200	220	170
2	Science and Technology Entrepreneurs Park	Incubation Unit	IT/ Manufacturing	At all level	Technical	2	6	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	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201811159
Trained Innovation Ambassadors at HEI	NO	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 (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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Guru Nanak Dev Engineering College	26-02-2020 00:00:00	28-02-2020 00:00:00	3	Within Campus	74	2	0	0	76	No	No

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

2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Science and Technology Entrepreneurship Park Guru Nanak Dev Engineering College	03-10-2019 00:00:00	05-10-2019 00:00:00	3	Within Campus	74	2	0	0	76	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
3	Women Entrepreneurship development Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Science and Technology Entrepreneurship Park Guru Nanak Dev Engineering College	03-01-2020 00:00:00	03-02-2020 00:00:00	32	Outside Campus	0	3	31	2	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	No
4	Women Entrepreneurship Development Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Science and Technology Entrepreneurship Park Guru Nanak Dev Engineering College	10-02-2020 00:00:00	16-03-2020 00:00:00	36	Outside Campus	0	4	25	2	31	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	No
5	Technical Entrepreneurship Development Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Science and Technology Entrepreneurship Park Guru Nanak Dev Engineering College	03-01-2020 00:00:00	17-02-2020 00:00:00	46	Outside Campus	0	4	24	4	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No
6	Technical Entrepreneurship Development Program	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Science and Technology Entrepreneurship Park Guru Nanak Dev Engineering College	10-02-2020 00:00:00	27-03-2020 00:00:00	47	Within Campus	26	6	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No

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

7	Industrial Design Introduction and future possibilities	Innovation	Mentoring Session	Institute Lead Activity	Mechanical Engineering	13-05-2019 00:00:00	13-05-2019 00:00:00	1	Within Campus	72	16	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75000	No
8	Enabling Technologies for wireless and optical networks	Innovation	Training	Institute Lead Activity	Electronics and Communications Engineering	10-06-2019 00:00:00	14-06-2019 00:00:00	5	Within Campus	23	12	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	175000	No
9	Smart Manufacturing	Innovation	Training	Institute Lead Activity	Mechanical Engineering	18-06-2019 00:00:00	18-06-2019 00:00:00	1	Within Campus	45	23	0	0	68	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	76000	No
10	XLS workshop	Entrepreneurship/Startup	Training	Institute Lead Activity	Electrical Engineering	20-06-2019 00:00:00	20-06-2019 00:00:00	1	Within Campus	0	24	0	0	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	34000	No
11	Data Analytics Trends and Applications	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	24-06-2019 00:00:00	29-06-2019 00:00:00	6	Within Campus	0	12	0	31	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	174000	No
12	Microgrid, WAVECT and RCT	Innovation	Workshop	Institute Lead Activity	Electrical Engineering Department	19-09-2019 00:00:00	19-09-2019 00:00:00	1	Within Campus	4	14	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No
13	Hackathon HackGN E	Innovation	Hackathon	Institute Lead Activity	Guru Nanak Dev Engineering College	04-10-2019 00:00:00	05-10-2019 00:00:00	2	Within Campus	62	12	12	0	86	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	225000	No

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

14	Intellectual Property Rights	IPR	Awareness	Institute Lead Activity	Electronics and Communications Engineering	28-11-2019 00:00:00	28-11-2019 00:00:00	1	Within Campus	0	56	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22000	No
15	Advanced Training Program on 3D Core Concepts -Solid Works-CAD for ME Students	Innovation	Training	Student Lead Activity	Mechanical Engineering	07-01-2020 00:00:00	17-01-2020 00:00:00	11	Within Campus	89	5	0	0	94	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	45000	No
16	Intellectual Property Rights	IPR	Awareness	Institute Lead Activity	Guru Nanak Dev Engineering College	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	56	36	0	0	92	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	26000	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

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	Expert lecture on Fundamentals of Intellectual Property Rights with special reference to procedural safeguards under Indian Patent Law	IPR	Awareness	Guru Nanak Dev Engineering College	Educational Institute	28-11-2019 00:00:00	28-11-2019 00:00:00	1	0	30	30	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7000	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

2	Expert lecture on Procedural and substantial aspects of Intellectual Property Rights and its advantages for Science and Engineering Students	IPR	Awareness	Guru Nanak Dev Engineering College	Educational Institute	30-01-2020 00:00:00	30-01-2020 00:00:00	1	300	20	320	No	---	---	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Total Total Expense Amount Incurred by Institute? (In Rupees) </div> 6202		No
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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	Entrepreneurship and Project Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	45	36
2	Mergers Acquisitions and Corporate Restructuring	Entrepreneurship/Startup	Full time Program	Master	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	24	36
3	Project Appraisal and Finance	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	12	36
4	Manpower Planning Recruitment and Selection	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	21	36
5	Managing Banks and Financial Institutions	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	12	36
6	Human Resource Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Master of Business Administration	31-07-2020	31-12-2020	154	Offline	72	38
7	Product Design and Development	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	31-07-2020	31-12-2020	154	Offline	28	36

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)

No Data Filled!

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	IPR Club	Innovation Club	2018	None	IPR Cell/Technology Transfer Centre	2	Mayank Bakshi	mayankbk@gmail.com	7888571345

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	Science and Technology Entrepreneurs Park	Startup Cell	1986	Co-working Space	Incubation Unit, IPR Cell/Technology Transfer Centre	Incubation Unit, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr ARVIN D DHINGRA</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arvinddhingra@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9814163429</td> </tr> </table>	Facility Incharge Name	Dr ARVIN D DHINGRA	Facility Incharge Email	arvinddhingra@gmail.com	Facility Incharge Phone	9814163429	09	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>1200000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>4800000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	1200000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	4800000	Yes
Facility Incharge Name	Dr ARVIN D DHINGRA																								
Facility Incharge Email	arvinddhingra@gmail.com																								
Facility Incharge Phone	9814163429																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	1200000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	4800000																								
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																
Funding Agency				Nankana Sahib Education Trust			Educational Institute		30000000																
Funding Agency				Entrepreneurs Development Institute			Govt. Agency (Central)		360000																

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

1	Smart Manufacturing Lab	2010	Innovation Labs	DST CSIR	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Jasmaninder Singh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jsgrewal_2000@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98153023023</td> </tr> </table>	Facility Incharge Name	Dr Jasmaninder Singh	Facility Incharge Email	jsgrewal_2000@yahoo.com	Facility Incharge Phone	98153023023	02	No	No	No
Facility Incharge Name	Dr Jasmaninder Singh														
Facility Incharge Email	jsgrewal_2000@yahoo.com														
Facility Incharge Phone	98153023023														

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)

No Data Filled!

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 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 Club	2019	Student Clubs	NIL	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Simranjit Kaur</td> </tr> <tr> <td>Facility Incharge Email</td> <td>simran_josan@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9814338830</td> </tr> </table>	Facility Incharge Name	Simranjit Kaur	Facility Incharge Email	simran_josan@yahoo.com	Facility Incharge Phone	9814338830	02	No	No	No
Facility Incharge Name	Simranjit Kaur														
Facility Incharge Email	simran_josan@yahoo.com														
Facility Incharge Phone	9814338830														

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	Simranjit Kaur	Assistant Professor	IPR Protection & Commercialization	7
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
0		Within		0

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	B S Dhillon	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Lalit Sharma	Entrepreneurship/Startup Development	Unstructured Mentorship
3	R K Parmar	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Manish Jindal	Idea/Innovation Development	Unstructured Mentorship

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Vehicle Conversion Kit	Product Innovation	Technological	STEP TBI	Student	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
				Name		Type		Gender		Email		Contact	
				MAYANK BAKSHI		Student		Male		mayankbakshipb@gmail.com		7888571345	

2	RTek Mould	Reverse Engineering	Technological	Science and Technology Entrepreneurs Park	Student	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	Yes	No	No	No
Name		Type		Gender		Email		Contact					
Amrit Singh		Student		Male		amrit@rtekmould.com		9814216126					

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 Registered 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 or institute during the financial period 2019-20	Has the Startup 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	RTek Mould	Reverse Engineering	Technological	7067	Student	Venture with Corporate Identification Number (CIN) Registration 321411	2017-18	Received Incubation Support from Incubation Unit	No	No	No	No	Yes

Name	DIN number	Type	Gender	Email	Contact
Ravinder Singh	06429489	Incubatee Entrepreneur	Male	ravinder@rtkemould.com	9814216126
Amrit Singh	07446972	Student	Male	amrit@rtkemould.com	9888818959

2	Virtual Teams Pvt Ltd	Service Innovation	Technological	7067	External to the Institute/Incubatee	<div style="border: 1px solid black; padding: 2px;"> Venture with Corporate Identification Number (CIN) Registration U7250IPB2020PTC050971 </div>	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	Yes
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Name	DIN number	Type	Gender	Email	Contact
Vipin Goyal	02823524	Innovator/Entrepreneur External to Institute	Male	vipin@myvirtualteams.com	9888111332

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	DI MSME	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	0	23-09-2020

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

No Data Filled!

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

No Data Filled!

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

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 smart hand glove for monitoring body temperature blood oxygen and pulse rate	PatentsHoldByInnovations	2020103827	Granted	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
Dr ARVIND DHINGRA		Incubatee Innovator		ARVIND DHINGRA	

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

Sno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	CRYOGENIC TREATMENT OF BRASS WIRE FOR IMPROVED MACHINING CHARACTERISTICS	Granted	IN309461B	2019	Approved	

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. SEHIJPAL SINGH (Head of Institute) and Dr. Arvind Dhingra (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

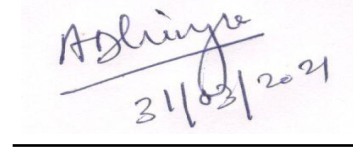
The Head of Institute



31.3.21

Dr. SEHIJPAL SINGH
Head of the Institution,
Ludhiana, Punjab

Nodal officer



31/03/2021

Dr. Arvind Dhingra
Nodal Officer,
Ludhiana, Punjab