



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: Gurunanak Institute of Technology 143 [ARI-C-6166]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Guru Nanak Institute of Technology	Academic Department with lab facility	Private (Unaided) College	UG / PG / PhD	Technical	2225	221	44
IT	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	240	12	1
ECE	Academic Department with lab facility	Academic	UG / PG / PhD	Technical	509	32	1
EE	Academic Department with lab facility	ACADEMIC	UG / PG / PhD	Technical	300	25	0
FT	Academic Department with lab facility	ACADEMIC	UG / PG / PhD	Technical	207	16	0
CSE	Academic Department with lab facility	ACADEMIC	UG / PG / PhD	Technical	509	26	1
AEIE	Academic Department with lab facility	ACADEMIC	UG / PG / PhD	Technical	92	9	0

### 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	No	Not Required
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre /	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?
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**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

				Student Body Name																			
1	Industrial outlook to food fortification with special reference to beverage industry. Modern processing and packaging technique for beverage manufacturing	Entrepreneurship/Startup	Start-up Conclave	Institute Lead Activity	Department of food technology	19-07-2019 00:00:00	19-07-2019 00:00:00	1	Within Campus	60	6	0	1	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
2	Importance of Food and hygiene in food startup	Entrepreneurship/Startup	Start-up Conclave	Student Lead Activity	Department of food technology	16-07-2019 00:00:00	17-07-2019 00:00:00	2	Within Campus	58	6	0	2	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
3	Entrepreneurship Development Program	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of food technology	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	60	6	0	1	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
4	Poster Competition on ideathon	Innovation	Innovation Contest	Student Lead Activity	Department of food technology	18-07-2019 00:00:00	18-07-2019 00:00:00	1	Within Campus	56	6	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>best idea on food processing startup</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	best idea on food processing startup	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1																						
Title of Innovation / Start-up Secured the Award / Recognition	best idea on food processing startup																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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

5	A new innovation in Food Packaging Technology	Innovation	Innovation Contest	Institute Lead Activity	Department of food technology	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	56	6	0	5	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	Award / Position / Recognition Secured	3
																	Title of Innovation / Start-up Secured the Award / Recognition	innovative concept in packaging
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
6	Training of Facilitators for Food Safety & Hygiene Audit for service based start up	Entrepreneurship/Startup	Training	Institute Lead Activity	Department of food technology	17-12-2019 00:00:00	17-12-2019 00:00:00	1	Within Campus	40	6	0	1	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	Award / Position / Recognition Secured	1
																	Title of Innovation / Start-up Secured the Award / Recognition	Best auditable hygiene practice in food industry
																	Award/Recognition/Achievement Received for	Business Model/Startup
7	Preparation of WHO-recommended sanitizer & organic floor cleaner by Chemistry Section, ASHU Dept	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Chemistry Section, ASHU Dept	22-03-2020 00:00:00	23-03-2020 00:00:00	2	Within Campus	0	5	0	0	5	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No	
8	Raspberry PI with Python	Innovation	Training	Institute Lead Activity	Department of IT	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	48	2	0	0	50	No		No	
9	Ethical Hacking using Python	Innovation	Workshop	Institute Lead Activity	Department of IT	21-03-2020 00:00:00	21-03-2020 00:00:00	1	Within Campus	48	2	0	0	50	No		No	

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

10	Introduction to CS50 course Learning in association with the CS Department of Harvard University	IPR	Training	Institute Lead Activity	CSE Dept	21-08-2019 00:00:00	12-11-2019 00:00:00	84	Within Campus	72	0	0	0	72	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>CS50 course Learning</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	CS50 course Learning	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1																					
Title of Innovation / Start-up Secured the Award / Recognition	CS50 course Learning																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
11	Training on Arduino Programming	Innovation	Training	Institute Lead Activity	CSE Dept	08-07-2019 00:00:00	12-07-2019 00:00:00	5	Within Campus	220	13	0	0	233	No	No						
12	Training on NLP (Natural Language Processing)	Entrepreneurship/Startup	Training	Institute Lead Activity	CSE Dept	06-01-2020 00:00:00	10-01-2020 00:00:00	5	Within Campus	90	0	0	0	90	No	No						
13	One week training on Cyber Security	Entrepreneurship/Startup	Training	Institute Lead Activity	CSE DEPT	06-01-2020 00:00:00	10-01-2020 00:00:00	5	Within Campus	90	0	0	0	90	No	No						
14	Workshop: Measurement of different parameters of antenna using VNA	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Dept of ECE	14-06-2019 00:00:00	15-06-2019 00:00:00	2	Within Campus	11	0	0	0	11	No	No						
15	Special Training (IoT)	Entrepreneurship/Startup	Training	Institute Lead Activity	Dept of ECE	06-01-2020 00:00:00	11-01-2020 00:00:00	6	Within Campus	39	0	0	0	39	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>5000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000																					

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

1	Assessment of the Quality of Food Security Infrastructure Process	Entrepreneurship/Startup	Training	CII in collaboration with FSSAI, Govt. of India	Govt. Agency (Central)	24-07-2019 00:00:00	24-07-2019 00:00:00	1	4	1	5	No	---	---	No	No						
2	Industry Interactive Innovation in Science, Engineering and Technology	Innovation	Innovation Contest	JIS College of Engineering, Kalyani	Educational Institute	02-12-2019 00:00:00	02-12-2019 00:00:00	1	15	5	20	No	---	---	No	No						
3	Pradhan Mantri Kisan Sampada Yojana	Entrepreneurship/Startup	Workshop	Govt of India	Govt. Agency (Central)	10-12-2019 00:00:00	10-12-2019 00:00:00	1	8	1	9	No	---	---	No	No						
4	Agri and Food Innovation Fest	Innovation	Exhibition	IIT Kharagpur	Educational Institute	20-03-2020 00:00:00	22-03-2020 00:00:00	3	7	1	8	Yes	3	Prakriti 2020	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>3</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Prakriti 2020</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	3	Title of Innovation / Start-up Secured the Award / Recognition	Prakriti 2020	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	3																					
Title of Innovation / Start-up Secured the Award / Recognition	Prakriti 2020																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
5	Electrofusion	Innovation	Exhibition	GNIT	Educational Institute	23-09-2019 00:00:00	23-09-2019 00:00:00	1	200	0	200	No	---	---	No	No						
6	HR Congress on IMPACT OF EMERGING TECHNOLOGIES ON EMPLOYMENT	Innovation	Conference	University of Engineering and Management	Educational Institute	21-09-2019 00:00:00	22-09-2019 00:00:00	2	0	2	2	No	---	---	No	No						

**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	9th Int Conf on Sustainable Waste Management towards Circular Economy -2019	Entrepreneurship/Startup	Conference	KIIT University	Educational Institute	27-11-2019 00:00:00	30-11-2019 00:00:00	4	0	1	1	No	---	---	No	No			
8	ICACIE Conference	Entrepreneurship/Startup	Conference	ICACIE	International Agencies	21-12-2019 00:00:00	23-12-2019 00:00:00	3	0	1	1	No	---	---	No	No			
9	FOSET, 2020	Innovation	Seminar	iLEAD	Non-Govt. Agencies	15-03-2020 00:00:00	15-03-2020 00:00:00	1	12	2	14	No	---	---	No	No			
10	5G Smart India Hackathon	Innovation	Hackathon	Dept. Of Telecom. GOI	Govt. Agency (Central)	15-03-2020 00:00:00	15-03-2020 00:00:00	1	14	2	16	No	---	---	No	No			
11	Leadership talk series by MHRD, NISHANK	IPR	Workshop	MHRD, Govt.	Govt. Agency (Central)	21-08-2019 00:00:00	21-08-2019 00:00:00	1	6	4	10	No	---	---	No	No			
12	Zoohackathon 2019	Innovation	Hackathon	WWF-India with U.S. Consulate and BCCI	Govt. Agency (Central)	09-11-2019 00:00:00	10-11-2019 00:00:00	2	23	2	25	No	---	---	No	No			
13	ICFTTAE -2020	Innovation	Seminar	NIT	Educational Institute	31-01-2020 00:00:00	01-02-2020 00:00:00	2	2	2	4	No	---	---	No	No			
14	Special Course on Electromagnetic wave propagation	Innovation	Skill development	JIS group	Educational Institute	03-07-2019 00:00:00	30-07-2019 00:00:00	28	4	2	6	No	---	---	No	No			
15	Family business conference, CII	Entrepreneurship/Startup	Conference	JIS group	Educational Institute	31-08-2019 00:00:00	31-08-2019 00:00:00	1	5	2	7	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>5000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																		

**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	Training on Arduino Programming	Entrepreneurship/Startup, Innovation	Short term Course	Bachelor	IT	08-07-2019	12-07-2019	5	Offline	78	40
2	One week training on Cyber Security	Entrepreneurship/Startup	Short term Course	Bachelor	IT	06-01-2020	10-01-2020	5	Offline	58	40
3	Training on MongoDB	Innovation	Short term Course	Bachelor	IT	06-01-2020	10-01-2020	5	Offline	45	40
4	Innovative activities-I	Innovation	Full time Program	Bachelor	ASHU	01-01-2020	30-06-2020	182	Offline	240	30
5	Innovative activities-II	Innovation	Full time Program	Bachelor	CSE AND ECE	01-08-2019	31-12-2019	153	Offline	240	30
6	Innovative activities-III	Innovation	Full time Program	Bachelor	CSE AND ECE	01-01-2020	30-06-2020	182	Online	240	30
7	Different Simulation Tools	Entrepreneurship/Startup	Short term Course	Bachelor	EE	06-01-2020	10-01-2020	5	Offline	50	30
8	MATLAB TRAINING	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	EE DEPT	08-07-2019	12-07-2019	5	Offline	70	30
9	Ardino based Microcontroller Training	IPR	Short term Course	Bachelor	EE Dept	15-07-2019	19-07-2019	5	Offline	75	30
10	INNOVATIVE ACTIVITIES-VI	Innovation	Full time Program	Bachelor	ECE	01-07-2019	31-12-2019	184	Offline	120	30

**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	Innovation and entrepreneur development phases in food Processing	Innovation	Employment Generation Training Programs	Department of Food Technology	30-08-2019	04-09-2019	6	Offline	120	30
2	Beyond Syllabus Training on Introduction to python	Entrepreneurship/Startup	Employment Generation Training Programs	ECE	08-07-2019	19-07-2019	12	Offline	89	50
3	Special Training (Advanced Python)	Entrepreneurship/Startup	Employment Generation Training Programs	ECE	06-01-2020	11-01-2020	6	Online	112	30
4	Special Training on FPGA	Entrepreneurship/Startup	EDP in I&E / IPR	ECE	17-12-2019	20-12-2019	4	Offline	110	30
5	ARDUINO	Innovation	MDP in I&E / IPR	ECE	08-07-2019	12-07-2019	5	Offline	102	30

**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	Ms. Debashruti Ganguly	BBA(HM)	Assistant Professor	No	No
2	Ms. Subhasree Ray	BBA(HM)	Assistant Professor	No	No
3	Ms. Sayani Chatterjee	BBA(HM)	Assistant Professor	No	No
4	Dr Sunipa Roy	ECE	Assistant Professor	No	Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
5	Palasri Dhar	ECE		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

**List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

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	IE(India) Club	Idea Club	2016	Co-working Space	Pre-Incubation Unit, Innovation Labs	2	Shubhobrata Saha	shubhobrata.saha@gnit.ac.in	7044520285
2	ISTE Chapter	Idea Club	2016	None	Pre-Incubation Unit, Incubation Unit, Innovation Labs	2	Soumyojit Sarkar	soumyajitduttalp@gmail.com	8240472727
3	SESI Chapter	Idea Club	2019	None	Pre-Incubation Unit, Incubation Unit, Innovation Labs	1	Anirban Saha	sahaanirban98@gmail.com	9674673179
4	Bit to Byte (Coders)	Innovation Club	2016	None	Innovation Labs	2	Saswata Mukhopadhyay	saswata032@gmail.com	7980236982
5	Cyber Security	Innovation Club	2019	None	Incubation Unit, Innovation Labs	4	Soumyadipta Basu	soumyadiptabasu06@gmail.com	9831110704
6	CS50 Club	Idea Club	2019	Work Stations	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	1	Yogesh Singh	yogesh.singh.ams5@gmail.com	983615958
7	ROBOMENTATION	Idea Club	2013	None	Innovation Labs, Centre of Excellence with Advance Tools	1	MR. SHYAMAL KUMAR ROY	shyamal.roy@gnit.ac.in	7003652428
8	Technoprenuer	Idea Club	2018	Work Stations	Innovation Labs	2	Anurima Majumdar	anurima.majumdar@gnit.ac.in	7980817816
9	Robomentation	Innovation Club	2019	None	Innovation Labs	1	Sayan Roychaudhury	sayan.roychoudhury@gnit.ac.in	8902245198

**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	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	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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**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)**

							(Optional)			2019-20															
1	GNIT Incubation Center	Innovation Centre	2016	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Koushik Pal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>koushik.pal@gnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9830162393</td> </tr> </table>	Facility Incharge Name	Prof. Koushik Pal	Facility Incharge Email	koushik.pal@gnit.ac.in	Facility Incharge Phone	9830162393	10	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>10000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>5000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>15000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	10000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	15000	Yes
Facility Incharge Name	Prof. Koushik Pal																								
Facility Incharge Email	koushik.pal@gnit.ac.in																								
Facility Incharge Phone	9830162393																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	10000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	15000																								
Source of Grant / Fund					Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)															
Institute's Own Fund / Resource					Ardent Collaporation			Not-Govt. Agencies		10000															

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

1	GNIT COE Cell	2018	Pre-Incubation, Incubation Unit, Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sunipa Roy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sunipa.roy@gnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9830751850</td> </tr> </table>	Facility Incharge Name	Dr. Sunipa Roy	Facility Incharge Email	sunipa.roy@gnit.ac.in	Facility Incharge Phone	9830751850	5	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>10000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>10000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>5000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	10000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	5000	Yes
Facility Incharge Name	Dr. Sunipa Roy																						
Facility Incharge Email	sunipa.roy@gnit.ac.in																						
Facility Incharge Phone	9830751850																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	10000																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	10000																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	5000																						
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		Ardent Collaboration		Not-Govt. Agencies		10000																	

**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	GNIT Incubation Cell	2017	Pre-Incubation, Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Koushik Pal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>koushik.pal@gnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9830162393</td> </tr> </table>	Facility Incharge Name	Prof. Koushik Pal	Facility Incharge Email	koushik.pal@gnit.ac.in	Facility Incharge Phone	9830162393	10	No	No	No
Facility Incharge Name	Prof. Koushik Pal														
Facility Incharge Email	koushik.pal@gnit.ac.in														
Facility Incharge Phone	9830162393														

**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/Start up/Venture Development and implementation during the Financial Year 2019-20?
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**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

1	GNIT Innovation Park	2018	Pre-Incubation, Incubation Unit, Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sunipa Roy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sunipa.roy@gnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9830751850</td> </tr> </table>	Facility Incharge Name	Dr. Sunipa Roy	Facility Incharge Email	sunipa.roy@gnit.ac.in	Facility Incharge Phone	9830751850	25	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></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td></td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		Yes
Facility Incharge Name	Dr. Sunipa Roy																						
Facility Incharge Email	sunipa.roy@gnit.ac.in																						
Facility Incharge Phone	9830751850																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)																							
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)																							
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)																							
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)														

**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?
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### List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	GNIT IPR Cell	2018	Pre-Incubation, Incubation Unit, Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sunipa Roy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sunipa.roy@gnit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9830751850</td> </tr> </table>	Facility Incharge Name	Dr. Sunipa Roy	Facility Incharge Email	sunipa.roy@gnit.ac.in	Facility Incharge Phone	9830751850	5	No	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>15000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>5000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>10000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	15000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	10000	Yes
Facility Incharge Name	Dr. Sunipa Roy																						
Facility Incharge Email	sunipa.roy@gnit.ac.in																						
Facility Incharge Phone	9830751850																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	15000																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	10000																						
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)																	
Institute's Own Fund / Resource		Ardent Collaboration		Not-Govt. Agencies		10000																	

### 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	Ms. Debashruti Ganguly	Assistant Professor	Entrepreneurship/Startup Development	10
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Happy App		Within		
2	Ms. Subhasree Ray	Assistant Professor	Idea/Innovation Development	8
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Trees ON...Life ON...		Outside		

### 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	Augma private limited	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Trident private limited	Idea/Innovation Development	Unstructured Mentorship

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

Sno	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	A potential source of polyphenols and dietary fibre in food fortification	Product Innovation	Technological	GNIT Incubation Cell	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	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>Dr. Kakali Bandyopadhyay</td> <td>Faculty</td> <td>Female</td> <td>head_ft.gnit@jsgroup.org</td> <td>7980382909</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	Dr. Kakali Bandyopadhyay	Faculty	Female	head_ft.gnit@jsgroup.org	7980382909
Name	Type	Gender	Email	Contact																			
Dr. Kakali Bandyopadhyay	Faculty	Female	head_ft.gnit@jsgroup.org	7980382909																			
<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></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact						2
Name	Type	Gender	Email	Contact																			

Microencapsulated starch beads enriched in natural antioxidants	Product Innovation	Technological	GNIT Incubation Cell	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	<table border="1"> <tr> <td data-bbox="1218 19 1290 272">Agency Name</td> <td data-bbox="1290 19 1348 272">Augma Tech Lab. Pvt. Ltd.</td> </tr> <tr> <td data-bbox="1218 272 1290 507">Agency Type</td> <td data-bbox="1290 272 1348 507">Corporate / Industry Association</td> </tr> <tr> <td data-bbox="1218 507 1290 1497">Award / Position / Recognition Secured</td> <td data-bbox="1290 507 1348 1497">3</td> </tr> </table>	Agency Name	Augma Tech Lab. Pvt. Ltd.	Agency Type	Corporate / Industry Association	Award / Position / Recognition Secured	3	Yes	<table border="1"> <tr> <td data-bbox="1617 19 1688 1497">Grant Amount in Rs</td> <td data-bbox="1688 19 1747 1497">3500</td> </tr> </table>	Grant Amount in Rs	3500	<table border="1"> <tr> <td data-bbox="1747 19 1850 292">Loan/Investment Agency Name</td> <td data-bbox="1850 19 1912 292">Ardennt Collaboration</td> </tr> <tr> <td data-bbox="1747 292 1850 584">Agency Type</td> <td data-bbox="1850 292 1912 584">Non-Govt. Agencies</td> </tr> <tr> <td data-bbox="1747 584 1850 1305">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td data-bbox="1850 584 1912 1305">250000</td> </tr> <tr> <td data-bbox="1747 1305 1850 1497">Date of Investment Raised</td> <td data-bbox="1850 1305 1912 1497">01-02-2020</td> </tr> </table>	Loan/Investment Agency Name	Ardennt Collaboration	Agency Type	Non-Govt. Agencies	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	250000	Date of Investment Raised	01-02-2020	<table border="1"> <tr> <td data-bbox="1912 19 1984 1497">Amount Received in Rs.</td> <td data-bbox="1984 19 2042 1497">3500</td> </tr> </table>	Amount Received in Rs.	3500	
Agency Name	Augma Tech Lab. Pvt. Ltd.																														
Agency Type	Corporate / Industry Association																														
Award / Position / Recognition Secured	3																														
Grant Amount in Rs	3500																														
Loan/Investment Agency Name	Ardennt Collaboration																														
Agency Type	Non-Govt. Agencies																														
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	250000																														
Date of Investment Raised	01-02-2020																														
Amount Received in Rs.	3500																														

Name	Type	Gender	Email	Contact	
Dr. Kakali Bandyopadhyay	Faculty	Female	head_ft.gnit@jisgroup.org	7980382909	

  

Name	Type	Gender	Email	Contact	3
Ms. Shairee Ganguly	Faculty	Female	shairee.ganguly@gmit.ac.in	9836322386	





Name		Type		Gender		Email		Contact					
Dr. Kakali Bandyopadhyay		Faculty		Female		head_ft.gnit@jsgroup.org		7980382909					
Name		Type		Gender		Email		Contact					
Ms. Shairee Ganguly		Faculty		Female		shairee.ganguly@gmit.ac.in		9836322386					
Automat ic Hand Cleanse r and Sanitizer Dispens er	Product Innovation	Technological	GNIT Incubation Cell	Student	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	Innovation Developm ent Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Soumyajit Dutta		Student		Male		soumyajitduttaalp@gmail.com		9804549350					
5	Hand Wash Timer	Product Innovation	Technological	GNIT Incubation Cell	Student	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environme nt ("ugly" prototype).	Innovation Development Ongoing	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Shilpita Hazra		Student		Female		hshilpita@gmail.com		7596943051					
Name		Type		Gender		Email		Contact					
Development of Arduino & GSM based Water Level Monitori ng System using Ultraso nic Sensor		Service Innovation		Technological	GNIT Pre- Incubation Cell	Student	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimen tal proof available.	Innovation Developm ent Ongoing	No	No	No	No
Name		Type		Gender		Email		Contact					
Shilpita Hazra		Student		Female		hshilpita@gmail.com		7596943051					

4

Name  
Email

No

6

Name  
Email

7	Remotely Operated Patient Monitoring System	Product Innovation	Technological	GNIT Incubation Cell	Student	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 Ongoing	<table border="1"> <tr> <td data-bbox="1361 19 1491 124">Agency Name</td> <td data-bbox="1491 19 1608 124">Reunited Sol. Pvt. Ltd.</td> </tr> <tr> <td data-bbox="1361 124 1491 245">Agency Type</td> <td data-bbox="1491 124 1608 245">Corporate / Industry Association</td> </tr> <tr> <td colspan="2" data-bbox="1361 245 1608 1528">Award / Position / Recognition Secured</td> </tr> </table>	Agency Name	Reunited Sol. Pvt. Ltd.	Agency Type	Corporate / Industry Association	Award / Position / Recognition Secured		Yes	5000	<table border="1"> <tr> <td data-bbox="1912 19 2007 331">Loan/Investment Agency Name</td> <td data-bbox="2007 19 2065 331">Augma private limited</td> </tr> <tr> <td data-bbox="1912 331 2007 622">Agency Type</td> <td data-bbox="2007 331 2065 622">Non-Govt. Agencies</td> </tr> <tr> <td data-bbox="1912 622 2007 1343">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td data-bbox="2007 622 2065 1343">15000</td> </tr> <tr> <td data-bbox="1912 1343 2007 1528">Date of Investment Raised</td> <td data-bbox="2007 1343 2065 1528">20-11-2019</td> </tr> </table>	Loan/Investment Agency Name	Augma private limited	Agency Type	Non-Govt. Agencies	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	15000	Date of Investment Raised	20-11-2019	4000
Agency Name	Reunited Sol. Pvt. Ltd.																										
Agency Type	Corporate / Industry Association																										
Award / Position / Recognition Secured																											
Loan/Investment Agency Name	Augma private limited																										
Agency Type	Non-Govt. Agencies																										
Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	15000																										
Date of Investment Raised	20-11-2019																										

Name	Type	Gender	Email	Contact
Atreyee Das	Student	Female	atreyeedas17@gmail.com	9123022108

Name	Type	Gender	Email	Contact
Design and fabrication of an IOT based gas detector with SMS alert using a gsm module	Product Innovation Technological	GNIT Pre-Incubation Cell Student	TRL 0 : Idea. Unproven concept, no testing has been performed . TRL 0 : Idea. Unproven concept, no testing has been performed . Innovation Development Ongoing	No No No No No

Name	Type	Gender	Email	Contact
Sayani Dey	Student	Female	email2sayanidey@gmail.com	9088333745

9	Environment friendly air cooling machine	Product Innovation Technological	GNIT Incubation Cell Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). Innovation Development Ongoing	No No 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>Ms.Saswati Chatterjee</td> <td>Faculty</td> <td>Female</td> <td>saswati.chatterjee@gnit.ac.in</td> <td>6290112846</td> </tr> </tbody> </table>					Name	Type	Gender	Email	Contact	Ms.Saswati Chatterjee	Faculty	Female	saswati.chatterjee@gnit.ac.in	6290112846	
Name	Type	Gender	Email	Contact											
Ms.Saswati Chatterjee	Faculty	Female	saswati.chatterjee@gnit.ac.in	6290112846											

Name	Type	Gender	Email	Contact

Automatic Power Consuming Street Light Controller using Relay & LDR.	Product Innovation	Technological	GNIT Incubation Cell	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	Agency Name	Tri dent Tech. Lab	Yes	10000	Loan/ Investment Agency Name	Tri dent private limited	10000	
								Agency Type	Not - Govt. Agencies			Agency Type	Corporate / Industry Association		
								Award / Position / Recognition Secured	1		Grant Amount in Rs	Total Loan/ Angel Investment/ VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019-20 (in Rupees)	20000	Amount Received in Rs.	





Name	Type	Gender	Email	Contact
Dr. Barnali Kundu	Faculty	Female	barnali.kundu@gnit.ac.in	7044492867

Name	Email
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13	Happy App	Service Innovation	Technological		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 Ongoing	No	Yes	15000	15000	Loan/Investment Agency Name	15000	15000	10000	03-06-2019
											Grant Amount in Rs	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019-20 (in Rupees)	Agency Type	Non-Govt. Agencies	Amount Received in Rs.		

Name	Type	Gender	Email	Contact
Madhumita Chakraborty	Faculty	Female	madhumita.chakraborty@gnit.ac.in	8777870114



Name	Type	Gender	Email	Contact	14
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Green House and modern Gardening Technique	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 0 : Idea. Unproven concept, no testing has been performed .	Innovation Development Completed	Agency Name	Firdk ho Health care	Yes	Grant Amount in Rs	Agency Type	Amount Received in Rs.	
								Agency Type	Corporate / Industry Association		10000	FIRDEKHOE - COMMERCIAL PRIVATE LIMITED	10000	
								Award / Position / Recognition Secured	1			Corporate / Industry Association		

																					Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	150000		
																				Date of Investment Raised	11-09-2019			

Name	Type	Gender	Email	Contact
Amit Agarwal	Student	Male	pritam.chowdhury@gnit.ac.in	9804655981

Name	Email

15	A coplanar waveguide (CPW) fed annular ring Array antenna with high bandwidth for wireless communication application	Process Innovation	Technological		Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Anurima Majumdar	Faculty	Female	anurima.majumdar@gnit.ac.in	7980817816

**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/V C 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
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1	ODRWAYS SOLUTIONS PRIVATE LIMITED	Product Innovation	Technologica	6560	Student	<div style="background-color: #002060; color: white; padding: 5px;">           U74999 KA2019 PTC125 645         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;">           Venture with Corporate Identification Number (CIN) Registration         </div>	2019-20	Received Incubation Support from Incubation Unit	<div style="background-color: #002060; color: white; padding: 5px;">           Agency Name         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Re united Sol. Pvt. Ltd .         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Agency Type         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Corporate / Industry Association         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           2         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;">           Award / Position / Recognition Secured         </div>	<div style="background-color: #002060; color: white; padding: 5px;">           10000         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;">           Grant Amount in Rs         </div>	<div style="background-color: #002060; color: white; padding: 5px;">           Loan/Investment Agency Name         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Augma private limited         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Agency Type         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 5px;">           Non - Govt . Agencies         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;">           Total Loan /Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019 -20 (in Rupees)         </div>	<div style="background-color: #002060; color: white; padding: 5px;">           10000         </div> <div style="background-color: #002060; color: white; padding: 5px; margin-top: 10px;">           Amount Received in Rs.         </div>	Yes
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Date of Inves tmen t Rais ed	07-01-2020
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Name	DIN number	Type	Gender	Email	Contact
Vikram Kumar	08494530	Student	Male	vikram@odrways.com	9681948028

2	Medera Healthcare Technologies Pvt.Ltd	Service Innovation	Technologica	623	Student	U74999 WB201 6PTC21 8563	2016-17	Received Incubation Support from Incubation Unit	Ar dent Co lla bo rati on Pvt. Ltd .	20 00 0	Tri dent private limited	20 00 0	Yes
						Venture with Corporate Identification Number (CIN) Registration			Agency Name	2000	Non - Govt . Agencies	2000	
									Agency Type	2000	Non - Govt . Agencies	2000	
									2	2000	Non - Govt . Agencies	2000	
									Award / Position / Recognition Secured	2000	Non - Govt . Agencies	2000	
										Grant Amount in Rs	Non - Govt . Agencies	2000	
											Total Loan /Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019 -20 (in Rupees)	2000	Amount Received in Rs.
											15000	2000	
											15000	2000	

Date of Investment Raised  
08 - 05 - 2019

Name	DIN number	Type	Gender	Email	Contact
Sayantana Saha	07647221	Alumni Entrepreneur	Male	sayantansaha.official@gmail.com	9732372287



3	Firdekho Healthcare Private Limited's	Service Innovation	Technologica	2095	Student-Faculty	<p style="text-align: center;">U72900 WB201 8PTC22 8641</p> <p style="text-align: center;">Venture with Corporate Identification Number (CIN) Registration</p>	2016-17	Received Incubation Support from Incubation Unit	<p style="text-align: center;">Agency Name</p> <p style="text-align: center;">Agency Type</p> <p style="text-align: center;">Award / Position / Recognition Secured</p>	<p style="text-align: center;">25000</p> <p style="text-align: center;">Grant Amount in Rs</p>	<p style="text-align: center;">Augmapvt : Ltd .</p> <p style="text-align: center;">Agency Type</p> <p style="text-align: center;">Total Loan /Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/ incubation support at your Pre-incubation/ incubation or institute financial period 2019-20 (in Rupees)</p>	<p style="text-align: center;">25000</p> <p style="text-align: center;">Amount Received in Rs.</p>	Yes
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										Date of Investment Raised	03-02-2020		
Name		DIN number		Type		Gender		Email		Contact			
MOHAMMAD JAHANGIR ALAM		07354948		Alumni Entrepreneur		Male		healthcare@firdekho.com		9903449617			

4	FIRDEKHO E-COMMERCE PRIVATE LIMITED	Process Innovation	Technologica	623	Student	<p style="text-align: center;">U72300 WB201 6PTC20 9200</p> <p style="text-align: center;">Venture with Corporate Identificati on Number (CIN) Registrati on</p>	2018-19	Graduated from the Incubation unit	<p style="text-align: center;">Agency Name</p> <p style="text-align: center;">Agency Type</p> <p style="text-align: center;">Award / Position / Recognition Secured</p>	<p style="text-align: center;">Medera Healthcare Technologies Pvt.Ltd</p> <p style="text-align: center;">Not-Govt. Agencies</p> <p style="text-align: center;">1</p>	<p style="text-align: center;">20000</p> <p style="text-align: center;">Grant Amount in Rs</p>	<p style="text-align: center;">Loan/Investment Agency Name</p> <p style="text-align: center;">Agency Type</p> <p style="text-align: center;">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</p>	<p style="text-align: center;">Augmapvt.Ltd.</p> <p style="text-align: center;">Non-Govt. Agencies</p> <p style="text-align: center;">15000</p> <p style="text-align: center;">Amount Received in Rs.</p>	<p style="text-align: center;">20000</p> <p style="text-align: center;">Yes</p>
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Name	DIN number	Type	Gender	Email	Contact
Taki imam khan	07354955	Student	Male	info@firdekho.com	9073620183

5	TS Web Technologies Pvt Ltd	Service Innovation	Technologica	623	Alumni	<p style="text-align: center;">Venture with Corporate Identification Number (CIN) Registration</p>	<p style="text-align: center;">U72200 WB201 1PTC16 2810</p>	2013-14	Received Incubation Support from Incubation Unit	<p style="text-align: center;">Grant Amount in Rs</p>	<table border="1"> <tr> <td data-bbox="1783 19 1872 293"> <p style="text-align: center;">Agency Name</p> </td> <td data-bbox="1783 293 1872 600"> <p style="text-align: center;">Agency Type</p> </td> <td data-bbox="1783 600 1872 1567"> <p style="text-align: center;">Award / Position / Recognition Secured</p> </td> </tr> <tr> <td data-bbox="1872 19 1928 293"> <p style="text-align: center;">ORDWAY SOLUTIONS PRIVATE LIMITED</p> </td> <td data-bbox="1872 293 1928 600"> <p style="text-align: center;">Non-Govt. Agencies</p> </td> <td data-bbox="1872 600 1928 1567"> <p style="text-align: center;">2</p> </td> </tr> </table>	<p style="text-align: center;">Agency Name</p>	<p style="text-align: center;">Agency Type</p>	<p style="text-align: center;">Award / Position / Recognition Secured</p>	<p style="text-align: center;">ORDWAY SOLUTIONS PRIVATE LIMITED</p>	<p style="text-align: center;">Non-Govt. Agencies</p>	<p style="text-align: center;">2</p>	<p style="text-align: center;">5000</p>	<table border="1"> <tr> <td data-bbox="2063 19 2210 293"> <p style="text-align: center;">Loan/Investment Agency Name</p> </td> <td data-bbox="2063 293 2210 600"> <p style="text-align: center;">Agency Type</p> </td> <td data-bbox="2063 600 2210 1567"> <p style="text-align: center;">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</p> </td> </tr> <tr> <td data-bbox="2210 19 2240 293"> <p style="text-align: center;">T Trident Pvt. Ltd</p> </td> <td data-bbox="2210 293 2240 600"> <p style="text-align: center;">Non-Govt. Agencies</p> </td> <td data-bbox="2210 600 2240 1567"> <p style="text-align: center;">20000</p> </td> </tr> </table> <p style="text-align: center;">Amount Received in Rs.</p>	<p style="text-align: center;">Loan/Investment Agency Name</p>	<p style="text-align: center;">Agency Type</p>	<p style="text-align: center;">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</p>	<p style="text-align: center;">T Trident Pvt. Ltd</p>	<p style="text-align: center;">Non-Govt. Agencies</p>	<p style="text-align: center;">20000</p>	<p style="text-align: center;">5000</p>	Yes
<p style="text-align: center;">Agency Name</p>	<p style="text-align: center;">Agency Type</p>	<p style="text-align: center;">Award / Position / Recognition Secured</p>																									
<p style="text-align: center;">ORDWAY SOLUTIONS PRIVATE LIMITED</p>	<p style="text-align: center;">Non-Govt. Agencies</p>	<p style="text-align: center;">2</p>																									
<p style="text-align: center;">Loan/Investment Agency Name</p>	<p style="text-align: center;">Agency Type</p>	<p style="text-align: center;">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</p>																									
<p style="text-align: center;">T Trident Pvt. Ltd</p>	<p style="text-align: center;">Non-Govt. Agencies</p>	<p style="text-align: center;">20000</p>																									

														Date of Investment Raised	13-09-2019
Name		DIN number			Type	Gender			Email			Contact			
soumyadip		03525641			Alumni Entrepreneur	Male			soumyadip@tswebtechnologies.com			9836720921			
6	EATAS FISHERY PVT LTD	Market-place Innovation	Technological	2095	Alumni	Venture with Corporate Identification Number (CIN) Registration	U05000WB2020PTC236769	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No	
	Name		DIN number			Type	Gender			Email			Contact		
Najmul Hasan		08715589			Alumni Entrepreneur	Male			najmulhasant7@gmail.com			8116662789			

### 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	Smart Management Consultancy	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation	2	01-04-2019
2	OGMA TechLab	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	25	21-08-2019
3	Balishtha E Tech Pvt Ltd	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	35	01-08-2019
4	OPA Technology	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Investment	23	23-07-2019
5	Globsyn Knowledge Foundation	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	27	27-07-2019
6	Infosys	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation	35	02-05-2019
7	ELECTROMECH & TRANSTECH PVT. LTD	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation	5	29-06-2019
8	INDIA INTERNET FOUNDATION	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	16-09-2020

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	MEMS & Nanotechnology for Gas Sensor	IPRFiledPublished	9780367575526	International	2019 - 12	Uploaded	Published	Yes
	Department/Centre Name Nora Konopka Publisher							
2	Palasri Logo	IPRFiledPublished	120003456	National	2020 - 02	Uploaded	Granted	Yes
	Department/Centre Name A.I.C.T.E							
3	Nanotechnology Synthesis to Application	IPRFiledPublished	9780367573027	International	2019 - 12	Uploaded	Published	Yes
	Department/Centre Name Treasury of internal reve							

### 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	Synopsys of Astute Barrel	201931049923	National	2019 - 12	NA
	2	Synopsys of Radio Derrick	201931049922	National	2019 - 12
NA	Uploaded	3	Anti-Puncture System for Light Weight Motor Vehicle (APSLWMV)	201931049883	National
2019 - 12			4	SFC-Smart Food Container with ATQMS-Auto Taste and Quality Measurement System	201931049885
National	2019 - 12	Uploaded	5	Uploaded	Mobile Controlled Microcontroller based Four in One Pain Soothing Combo Belt that comprising of PROM-Pain-Relief-Ointment-Massager and MRV-Muscle-Reluctant-Vibrator after providing WCHFT-Warm-Cool-Hydro-Fomentation-Therapy
201931049886	National	2019 - 12			Uploaded
Microcontroller Based Mobile Controlled Smart B(boil)-S(slice)-C(crush)-M(mix) Quadra Combo Jar for preparing Homemade fruit based delicious Firni-Kheer Dessert	201931049887	National	2019 - 12	Uploaded	

7	Automated categorization of posts based on comments and emojis using novel Post Ranker and Post Prediction Model	201931049888	National	2019 - 12	Uploaded
	8	Fire Fighting System	201931049902	National	2019 - 12
Uploaded		9	A Working Prototype of Smart Solar Air Coolerwith Auto Water refill and high Air-Quality ndex (AQI) Features	201931049919	National
2019 - 12	Uploaded		10	Mobile Car Robots Control Using a Tripple Axis Magnetometer	201931049904
National	2019 - 12	Uploaded		11	Design of Exo-arm for physically disabled persons
201931049903	National	2019 - 12	Uploaded		12
IOT and ML based AC and DC voltage controlling and electrical parameter measurement	201931049917	National	2019 - 12	Uploaded	
13	Design and Development of Real-Time and Low-Cost Arduino based Electronic Voting Machine (EVM)	201931049918	National	2019 - 12	Uploaded
	14	A coplanar waveguide (CPW) fed annular ring Array antenna with high bandwidth for wireless communication application	201931049897	National	2019 - 12
NA		15	Software Controlled Smart Sealed Valve Regulated Lead–acid Moveable Battery (120-240Ah).	201931049900	National
2019 - 12	NA		16	Automatic Patrolling Machine	201931049898
National	2019 - 12	NA		17	Communication with Dynamic Arm Motion using Fuzzy Control Algorithm for Housekeeping
201931049884	National	2019 - 12	NA		18
Green power generation for rural developmment	201931049901	National	2019 - 12	Uploaded	
19	N-QCM D Sensor	201931049899	National	2019 - 12	NA

### 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	Anti-Puncture System for Light Weight Motor Vehicle (APSLWMV)	PatentsHoldByInnovations	201931049883	Granted	Uploaded
	Applicant Name		Applicant Type		Start-up/Innovator Name
	GNIT CSE Dept		Incubatee Innovator		GNIT CSE Dept
2	SFC-Smart Food Container with ATQMS-Auto Taste and Quality Measurement System	PatentsHoldByInnovations	201931049885	Granted	Uploaded



Applicant Name		Applicant Type		Start-up/Innovator Name	
GNIT CSE Dept		Incubatee Innovator		GNIT CSE Dept	
3	Mobile Controlled Microcontroller based Four in One Pain Soothing Combo Belt that comprising of PROM-Pain-Relief-Ointment-Massager and MRV-Muscle-Reluctant-Vibrator after providing WCHFT-Warm-Cool-Hydro-Fomentation-Therapy	PatentsHoldByInnovations	201931049886	Granted	Uploaded
Applicant Name		Applicant Type		Start-up/Innovator Name	
GNIT CSE Dept		Incubatee Innovator		GNIT CSE Dept	

**List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

Srno	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)																		
1	MEMS & Nanotechnology for Gas Sensor	Non-IP/Non-Patented Technology	One-time transfer/Licensing	9780367575526	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Dr. Sunipa Roy</td> </tr> <tr> <td>Contact number of license holder</td> <td>9830751850</td> </tr> <tr> <td>Email of Licence holder</td> <td>sunipa.roy@gnit.ac.in</td> </tr> <tr> <td>Gender</td> <td>Female</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr. Sunipa Roy	Contact number of license holder	9830751850	Email of Licence holder	sunipa.roy@gnit.ac.in	Gender	Female	Book Publisher	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Industry</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Ardent Collaboration</td> </tr> <tr> <td>Address of Agency</td> <td>Salt Lake Kolkata</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9831235020</td> </tr> <tr> <td>Email of Agency</td> <td>ardent.kolkata@gmail.com</td> </tr> </table>	Licence Transferred to	Industry	Name of Industry/Start-up/Agency Received License/Technology	Ardent Collaboration	Address of Agency	Salt Lake Kolkata	Contact Number of Agency	9831235020	Email of Agency	ardent.kolkata@gmail.com	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Dr. Sunipa Roy																										
Contact number of license holder	9830751850																										
Email of Licence holder	sunipa.roy@gnit.ac.in																										
Gender	Female																										
Licence Transferred to	Industry																										
Name of Industry/Start-up/Agency Received License/Technology	Ardent Collaboration																										
Address of Agency	Salt Lake Kolkata																										
Contact Number of Agency	9831235020																										
Email of Agency	ardent.kolkata@gmail.com																										

## 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. SANTANU KUMAR SEN (Head of Institute) and Dr. Suman Bhattacharya (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



PRINCIPAL  
GURUMANAK INSTITUTE OF TECHNOLOGY

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Prof. SANTANU KUMAR SEN  
Head of the Institution,  
North Twenty Four Parganas, West Bengal

Nodal officer



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Dr. Suman Bhattacharya  
Nodal Officer,  
North Twenty Four Parganas, West Bengal