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

Institute Name: B I T SINDRI [ARI-C-48594]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	SNS Incubation Centre	Incubation Unit	Agriculture, Education, Health care, Electronics , IoT , Digital Marketing	At all level	Both	2	14	2
2	Siemens Centre of Excellence, BIT Sindri	Centre of Excellence with Advance Tools & Equipment	Advance Manufacturing, Product Design & Validation, Test & Optimization, Rapid Prototyping, CNC and automation, Electrical , Process Instrumentation , Mechatronic, Robotics, Body Paint, Lift Maintenance etc.	At all level	Technical	5779	10	5
3	Nano Technology Lab	Centre of Excellence with Advance Tools & Equipment	PQMS,STM , QSAW and chemical vapour deposition	At all level	Technical	40	5	0
4	Mechanical Engineering	Academic Department with lab facility	Mechanical	At all level	Technical	583	26	19
5	Electrical Engineering	Academic Department with lab facility	Electrical	At all level	Technical	512	27	16
6	Metallurgical Engineering	Academic Department with lab facility	Metallurgical Engineering	At all level	Technical	243	11	6
7	Production Engineering	Academic Department with lab facility	Production Engineering	At all level	Technical	260	9	4
8	Civil Engineering	Academic Department with lab facility	Civil Engineering	At all level	Technical	374	18	5
9	Chemical Engineering	Academic Department with lab facility	Chemical Engineering	At all level	Technical	538	14	9
10	Electronics and Communication Engg	Academic Department with lab facility	Electronics & Communication Engg.	At all level	Technical	245	11	7

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

11	Mining Engineering	Academic Department with lab facility	Mining Engineering	At all level	Technical	232	10	5
12	Computer Science and Engineering	Academic Department with lab facility	Computer Science	At all level	Technical	181	8	3
13	Information Technology	Academic Department with lab facility	Information Technology	At all level	Technical	192	10	3
14	Geology	Academic Department with lab facility	Geology	At all level	Technical	0	4	1
15	Physics	Academic Department with lab facility	Physics	At all level	Technical	0	5	3
16	SOFTWARE TECHNOLOGY PARK (STPI)	Research Unit / Park	Advancement of the technology industry, introduction and encouragement of emerging technologies.	At all level	Technical	0	0	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	YES	IIC Registration ID : IC201810500
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (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	Expert talk on "The Scenario of Startups in India" under Startup Induction Program 2019	Entrepreneurship/ Startup	Awareness	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri	04-09-2019 00:00:00	04-09-2019 00:00:00	1	Within Campus	200	10	0	0	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4000	No

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

2	Workshop on 'Intellectual Property Rights'	IPR	Workshop	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	120	30	0	0	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5024	No	
3	Innovation Day (On the occasion of Dr. A.P.J. Abdul Kalam's Birth Anniversary	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	100	20	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	Award / Position / Recognition Secured	Award for various Competitions organised
																	Title of Innovation / Start-up Secured the Award / Recognition	Award for logo design for start-up cell
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
4	Entrepreneurship Summit 2019	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Institutions Innovation Council, and Start Up Cell , BIT Sindri Sponsored by TEQIP-III and BITSAA	15-11-2019 00:00:00	17-11-2019 00:00:00	3	Within Campus	120	60	40	10	230	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	300000	Award / Position / Recognition Secured	For Best idea pitching and start-up exhibition
																	Title of Innovation / Start-up Secured the Award / Recognition	Idea pitching session and start-up exhibition
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

5	Hackathon 2019	Innovation	Hackathon	Student Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Hackathon and Coding Club, BIT Sindri	16-11-2019 00:00:00	17-11-2019 00:00:00	2	Within Campus	16	0	45	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	Award / Position / Recognition Secured	Team in the Problem category Quality Healthcare and 2nd Prize won by BIT Sindri Team (Open Innovati
																	Title of Innovation / Start-up Secured the Award / Recognition	Team in the Problem category Quality Healthcare and 2nd Prize won by BIT Sindri Team (Open Innovation- Detecting time stamp of spoken words in a video) and 3rd Prize (Quality Healthcare and Efficient Roadways) won by BIT Sindri Team
																	Award/Recognition/Achievement Received for	Business Model/Start up
6	Special Talk on "Opportunities for Startups in India	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Start Up Cell , BIT Sindri	25-11-2019 00:00:00	25-11-2019 00:00:00	1	Within Campus	120	30	0	0	150	No		No	
7	Workshop on "Patent Filing"	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Start Up Cell , BIT Sindri	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	10	65	0	0	75	No		No	

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

8	Internal Hackathon	Entrepreneurship/ Startup, Innovation	Hackathon	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Hackathon and Coding Club, BIT Sindri)	19-01-2020 00:00:00	19-01-2020 00:00:00	1	Within Campus	14	0	0	0	14	No			

Award / Position / Recognition Secured	5 teams were selected for software edition and 2 teams for Hardware edition Smart india Hackathon20
Title of Innovation / Start-up Secured the Award / Recognition	14 teams competed out of which 5 teams were selected for software edition and 2 teams for Hardware edition
Award/Recognition/Achievement Received for	Novel Research Paper/Work

9	Expert Talk on Innovation, Incubation and Entrepreneurship	IPR, Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Start Up Cell , BIT Sindri	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	130	20	0	0	150	No	No

10	Start-up awareness and development Programme	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	Organized by Institutions Innovation Council, BIT Sindri and Start Up Cell , BIT Sindri	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	50	10	0	0	60	No	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

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

1	Workshop on Startup and Entrepreneurship Development	Entrepreneurship/ Startup	Workshop	Centre for Innovation, Incubation and Entrepreneurship (CIIE) IIT (ISM) Dhanbad	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	15	5	20	No	---	---	No	No
2	CONCETTO 19	Entrepreneurship/ Startup	Hackathon	Annual Techno-Management Fest of IIT(ISM) Dhanbad	Non-Govt. Agencies	21-10-2019 00:00:00	21-10-2019 00:00:00	1	1	0	1	Yes	1st Prize	CONCETTO 19	No	Award / Position / Recognition Secured: 1st Prize; Title of Innovation / Start-up Secured the Award / Recognition: CONCETTO 19; Award/Recognition/Achievement Received for: Business Model/Startup
3	Lufthansa Startup Expo 4	Entrepreneurship/ Startup	Exhibition	Lufthansa and TiE Delhi-NCR	Corporate / Industry Association	28-09-2019 00:00:00	28-09-2019 00:00:00	1	1	0	1	No	---	---	No	No
4	Catch Them Young Boot Camp	Entrepreneurship/ Startup	Boot camp	Department of IT and eGoverance, GoJ and Atal Bihari Vajpayee Innovation Lab in association with the U.S Consulate and banglanatak dot com	Non-Govt. Agencies	13-09-2019 00:00:00	15-09-2019 00:00:00	3	2	0	2	Yes	Mr. Siddhant Srivastava was one of the 10 finalists who pitched his idea at the American Consulate.	Idea Pitching	No	Award / Position / Recognition Secured: Mr. Siddhant Srivastava was one of the 10 finalists who pitched his idea at the American Consulate.; Title of Innovation / Start-up Secured the Award / Recognition: Idea Pitching; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

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

5	First Annual Innovation Festival of MIC, Launch of AICTE Quality Initiatives and VCs Meet on Student Induction Programme	Entrepreneurship/Startup	Orientation Session	MoEs Innovation Cell (MIC), MoE , GoI	Govt. Agency (Central)	11-09-2019 00:00:00	11-09-2019 00:00:00	1	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 24810	No
6	Regional Mentoring Session for Proof of Concepts (POC) and Orientation Session on IIC 2.0 and ARIIA 2020	Entrepreneurship/Startup	Orientation Session	MoEs Innovation Cell (MIC), MoE , GoI	Govt. Agency (Central)	13-08-2019 00:00:00	13-08-2019 00:00:00	1	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 5000	No
7	Workshop on Business Communications Training for Entrepreneurs	Entrepreneurship/Startup	Training	ABVIL and US Consulate General Kolkata	Non-Govt. Agencies	23-08-2019 00:00:00	28-08-2019 00:00:00	6	1	0	1	No	---	---	No	No
8	National Entrepneuship Summit	Entrepreneurship/Startup	Seminar	IIT (ISM) Dhanbad and Shuruaat	Govt. Agency (Central)	29-02-2020 00:00:00	29-02-2020 00:00:00	1	5	0	5	Yes	2nd Prize	Smile Driving	No	Award / Position / Recognition Secured: 2nd Prize; Title of Innovation / Start-up Secured the Award / Recognition: Smile Driving; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
9	COVIDTHON 20	Entrepreneurship/Startup	Innovation Contest	Abvil Innovation Lab ,Goverment of Jharkhand	Govt. Agency (State)	25-03-2020 00:00:00	25-03-2020 00:00:00	1	1	0	1	No	---	---	No	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

| 10 | SUPRA | Innovation | Road Show | Maruti suzuki (SAE INDIA) | Non-Govt. Agencies | 15-07-2019 00:00:00 | 20-07-2019 00:00:00 | 6 | 5 | 0 | 5 | No | --- | --- | No | | No |

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Research Methodology and IPR	Entrepreneurship/Startup, Innovation	Full time Program	Master	All PG Programs	01-07-2020	24-12-2020	177	Offline	120	100

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Essentials for NX Designers	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	08-10-2019	31-10-2019	24	Offline	36	40
2	Synchronous Modeling and Parametric Design	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	13-02-2020	03-03-2020	20	Offline	32	40
3	Advanced Simulation Process	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	09-04-2019	06-09-2019	151	Offline	31	40
4	Intermediate NX Design and Assemblies	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	03-12-2019	22-02-2020	82	Offline	12	40
5	Basics of PLC	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	18-06-2019	01-07-2019	14	Offline	28	40
6	Basics of SCADA	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	23-02-2019	05-05-2019	72	Offline	31	40
7	Basics of Induction Motor	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	30-01-2019	24-04-2019	85	Offline	32	40
8	Basic of Process Instrumentation	Innovation	Employment Generation Training Programs	Siemens Centre of Excellence	15-09-2020	03-10-2020	19	Offline	20	40

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Mr. Mukesh Chandra	Production Engineering	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
Entrepreneurship Development Program	Entrepreneurship/Startup	EDP in I&E, IPR	MoE Innovation Cell	Govt. Agency (Central)	06-03-2020 00:00:00	07-03-2020 00:00:00	2	Offline

2	Mr. Anand Kumar		Production Engineering		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

3	Mr. Rakesh Rohan		Electrical engineering		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

4	Mr. Praveen Kumar		Electrical engineering		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	Prof. Prakash Kumar		Production Engineering		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

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	Model Club	Idea Club	1980	3D Printing	Incubation Unit,Centre of Excellence with Advance Tools	7	Milan Kashyap	milan.ksp@outlook.com	748193767
2	Hackathon and Coding Club	Innovation Club	2018	Work Stations	Incubation Unit,Centre of Excellence with Advance Tools	16	Shivam Anand	work.shivamanand@gmail.com	8709885367
3	Start-up Cell BIT Sindri	Startup Club	2014	3D Printing	Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	13	Paresh Rathour	pareshrathour@gmail.com	8709130839

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	Name of the Funding Schemes Available	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/Innovati	Had institute Generated Income either from Services Offered by Pre-	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?

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)

					HEI		with Pre-Incubation Unit, if any (Optional)				on Development and implementation during the Financial Year 2019-20	Incubation Centre/Facilities?	
1	BITS UDAMY Startup cell ,BIT Sindri	Startup Cell	2017	3D Printing & Prototype Equipment, Work Stations	Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs		Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name: Dr. Prakash Kumar; Facility Incharge Email: prakashkr.prod@bitsindri.ac.in; Facility Incharge Phone: 9431340536		11	No	No	No

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	Siemens lab - Center of Excellence	2017	Incubation Unit,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	NA	Facility Incharge Name: Dr. Rajen Kumar Nayak; Facility Incharge Email: rknayak@bitsindri.ac.in; Facility Incharge Phone: 9939709574	15	No	No	Yes

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	BIT Sindri	Govt. Agency (State)	419927

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?

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

| 1 | Incubation centre,BIT Sindri | 2018 | Pre-Incubation,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs | NA | Facility Incharge Name: Dr. Prakash Kumar; Facility Incharge Email: prakashkr.prod@bitsindri.ac.in; Facility Incharge Phone: 9431340536 | 10 | No | No | No |

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

No Data FIled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?
1	IP Cell	2019	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs		Facility Incharge Name: Dr. Prakash Kumar; Facility Incharge Email: prakashkr.prod@bitsindri.ac.in; Facility Incharge Phone: 9431340536	10	Yes	No	No

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

No Data FIled!

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Mr. Ramesh Yadava	Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
2	Mr. Srijan Manish	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mr. Raj Jaswa	Entrepreneurship/Startup 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 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	Udany Exutech Pvt Ltd	Service Innovation	Non-Technological / Social / Community Innovation	SNS Incubation Centre, BIT Sindri	Student			Innovation Development Ongoing	Agency Name: ABVIL Jharkhand Innovation Lab / Agency Type: Govt. Agency (State) / Award / Position / Recognition Secured: Recognition	No	No	No	No

Name	Type	Gender	Email	Contact
Divyanshu Sinha	Student	Male	divyanshu.accent@gmail.com	7292905281

2	Smile Driving	Service Innovation	Technological	SNSIC BIT Sindri	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	MoE Innovation Cell	No	No		No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	Regional mentoring session for proof of concept					

Name	Type	Gender	Email	Contact
Abhinav Kumar Sah	Student	Male	sahavinav567@gmail.com	8292428210

Name	Type	Gender	Email	Contact
Sandipan Sarkar	Student	Male	mail2sandipansarkar@gmail.com	9031527233

3	Portfolio and Replica	Market-place Innovation	Non-Technological / Social / Community Innovation	SNSIC BIT Sindri	Student			Innovation Development Ongoing	Agency Name	MoE Innovation Cell	No	No		No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	Regional Mentoring Session for proof of concept					

	Name								Gender		Email		Contact
	Abhinav Prakash				Faculty				Male		abhinavprakash1999@gmail.com		896887592

4	FirstAd	Market-place Innovation	Technological	SNSIC BIT Sindri	Student	TRL 2 : Technology formulation. Concept and application have been formulated.	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
	Shanu Anand				Student				Male		shanuanand2000@gmail.com		7667936167

	Name				Type				Gender		Email		Contact
	Milan Kashyap				Student				Male		shanuanand2000@gmail.com		7667936167

5	Mindspac	Service Innovation	Non-Technological / Social / Community Innovation	SNSIC BIT Sindri	Student			Innovation Development Ongoing	No	No	No	No	No

	Name				Type				Gender		Email		Contact
	Shubham Kumar				Student				Male		tuktuk.wil2020@gmail.com		8580269728

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/ Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income /revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	YuMedic (Previously The Hello Doctor)	Service Innovation	Non-Technological	547	Student	Venture with Corporate Identification Number (CIN) Registration — U72900JH2019PTC012589	2018-19	Graduated from the Incubation unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Karan Raj Mehta	08477802	Student	Male	info@yumedic.com	9472551360

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as	Year of Registration	What is the current status	Recognition	Financial support	Seed fund	Income/revenue	Employment
2	Odigosworld.com	Service Innovation	Non-Technological	547	Student	Venture with Corporate Identification Number (CIN) Registration — U74999JH2019PTC012522	2018-19	Graduated from the Incubation unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Divyanshu Sinha	U74999JH2019PTC012522	Student	Male	divyanshu.accent@gmail.com	7292905281

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 | ABVIL Jharkhand Innovation Lab | Govt. Agency (State) | Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups | Incubation,Mentoring,Networking,Investment,Seed fund | 2 | 01-02-2019 |

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

| No Data FIled! |

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

| No Data FIled! |

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

| No Data FIled! |

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

| No Data FIled! |

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. Dharmendra Kumar Singh (Head of Institute) and Prof. Prakash Kumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

_____
Prof. Dharmendra Kumar Singh
Head of the Institution,
Dhanbad, Jharkhand

Nodal officer

_____
Prof. Prakash Kumar
Nodal Officer,
Dhanbad, Jharkhand

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