



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: National Institute of Technology, Raipur [ARI-U-0092]

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)
MSME Business Incubator	Incubation Unit	Multidisciplinary	UG / PG / PhD	Both	0	0	0
Makerspace	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Both	52	10	4
IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Miscellaneous	UG / PG / PhD	Both	1	1	0
National and Industrial Collaboration Cell	Industry Institute Interface Unit	Miscellaneous	UG / PG / PhD	Both	0	19	0
Applied Geology	Academic Department with lab facility	Applied Geology	UG / PG / PhD	Technical	60	4	2
Architecture	Academic Department with lab facility	Architecture	UG / PG / PhD	Technical	279	11	2
Biomedical Engineering	Academic Department with lab facility	Biomedical Engineering	UG / PG / PhD	Technical	193	5	2
Biotechnology	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	192	5	2
Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	283	12	5
Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	415	18	3
Computer Science	Academic Department with lab facility	Computer Science	UG / PG / PhD	Technical	416	8	4
Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Technical	33	6	0
Math	Academic Department with lab facility	Math	UG / PG / PhD	Technical	22	8	0
Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Technical	19	5	2
Humanities	Academic Department with lab facility	Humanities	UG / PG / PhD	Both	18	6	0
Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	463	16	3

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

Electronics	Academic Department with lab facility	Electronics	UG / PG / PhD	Technical	439	11	5
Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	450	10	3
MCA	Academic Department with lab facility	MCA	UG / PG / PhD	Technical	289	8	2
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	518	24	13
Mining Engineering	Academic Department with lab facility	Mining Engineering	UG / PG / PhD	Technical	309	7	3
Metallurgy and Materials Engineering	Academic Department with lab facility	Metallurgy and Materials Engineering	UG / PG / PhD	Technical	326	7	4

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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810175
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

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	Innovation Manthan	Entrepreneurship/Startup, Innovation	Innovation Contest	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Outside Campus	20	5	30	0	55	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>56100</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	56100	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Shakti Shakti Shaktimaan</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Shakti Shakti Shaktimaan	Award/Recognition/Achievement Received for	
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	56100																							
Award / Position / Recognition Secured	First																							
Title of Innovation / Start-up Secured the Award / Recognition	Shakti Shakti Shaktimaan																							
Award/Recognition/Achievement Received for																								

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

2	Entropy - The Speaker Session	IPR, Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Outside Campus	450	15	550	12	1027	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	372500	No
3	Uthkrishth	Entrepreneurship/Startup, Innovation	Motivational speak	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Outside Campus	450	10	500	10	970	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	26200	No
4	WallStreet	Entrepreneurship/Startup	Awareness	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Outside Campus	75	0	65	0	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21000	No
5	Business Quiz	Entrepreneurship/Startup, Innovation	Awareness	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	01-09-2019 00:00:00	2	Outside Campus	40	0	60	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
6	Startup Camp	Entrepreneurship/Startup	Start-up Conclave	Student Lead Activity	Entrepreneurship Cell	01-09-2019 00:00:00	01-09-2019 00:00:00	1	Outside Campus	35	7	25	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	145200	No
7	B-CASE Study	Entrepreneurship/Startup	B-Plan Competitions	Student Lead Activity	Entrepreneurship Cell	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Outside Campus	32	0	29	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	21000	No

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

8	Ignition-B Model Competition	Entrepreneurship/Startup, Innovation	B-Plan Competitions	Student Lead Activity	Entrepreneurship Cell	24-08-2019 00:00:00	05-10-2019 00:00:00	43	Within Campus	200	5	50	0	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	77500	Award / Position / Recognition Secured	1st Position
																	Title of Innovation / Start-up Secured the Award / Recognition	NOVA eSports
																	Award/Recognition/Achievement Received for	
9	Awareness Regarding Single Use Plastic	Innovation	Awareness	Student Lead Activity	TEDxNIT Raipur	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	80	2	50	0	132	No	No		
10	Third Gender Awareness Program	Innovation	Awareness	Student Lead Activity	Sahyog Club	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	60	3	35	0	98	No	No		
11	Connect Quiz	Innovation	Awareness	Student Lead Activity	Interact The Quiz Club	28-03-2020 00:00:00	28-03-2020 00:00:00	1	Outside Campus	100	1	50	0	151	No	No		
12	Python Workshop	IPR	Workshop	Student Lead Activity	TEDx NIT Raipur	10-08-2019 00:00:00	11-08-2019 00:00:00	2	Within Campus	150	0	50	0	200	No	No		
13	Rapid Fire	Innovation	Awareness	Student Lead Activity	Interact The Quiz Club	15-03-2020 00:00:00	15-03-2020 00:00:00	1	Outside Campus	100	1	50	0	151	No	No		
14	I-Quest	Entrepreneurship/Startup	Awareness	Student Lead Activity	Interact The Quiz Club	22-02-2020 00:00:00	23-02-2020 00:00:00	2	Within Campus	250	3	50	0	303	No	No		
15	Machine Learning Workshop	IPR	Workshop	Student Lead Activity	Technocracy The Technical Committee	24-08-2019 00:00:00	25-08-2019 00:00:00	2	Within Campus	200	0	40	0	240	No	No		
16	Expert Lecture on Social Entrepreneurship	Entrepreneurship/Startup, Innovation	Seminar	Student Lead Activity	Entrepreneurship Cell	11-09-2019 00:00:00	11-09-2019 00:00:00	1	Outside Campus	50	2	20	0	72	No	No		
17	Robotix Workshop cum Exhibition on Life on Mars	IPR, Innovation	Workshop	Student Lead Activity	Robotix Club	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	80	1	20	0	101	No	No		

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

18	Importance of Competitive Coding	Entrepreneurship/Startup, Innovation	Skill development	Student Lead Activity	Team Codeutsava	16-01-2020 00:00:00	16-01-2020 00:00:00	1	Within Campus	120	1	30	0	151	No	No			
19	Future Possibility of AR and VR	Entrepreneurship/Startup, Innovation	Skill development	Student Lead Activity	Team Codeutsava	16-01-2020 00:00:00	17-01-2020 00:00:00	2	Within Campus	120	1	30	0	151	No	No			
20	VIGYAN	Innovation	Exhibition	Student Lead Activity	Technocracy the Technical Committee	21-09-2019 00:00:00	22-09-2019 00:00:00	2	Within Campus	200	0	100	0	300	No	No			
21	Codeutsava-Code Festival	Entrepreneurship/Startup, Innovation	Hackathon	Student Lead Activity	Team Codeutsava	17-01-2020 00:00:00	18-03-2020 00:00:00	62	Within Campus	100	1	50	0	151	No	No			
22	TED Talk	Innovation	Motivational speak	Student Lead Activity	TEDxNIT Raipur	01-03-2020 00:00:00	01-03-2020 00:00:00	1	Outside Campus	100	2	60	0	162	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>650000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	650000	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	650000																		

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research									
1	Shell Eco-Marathon	Entrepreneurship/Startup	Innovation Contest	Shell	Corporate / Industry Association	02-04-2019 00:00:00	21-11-2019 00:00:00	23	25	1	26	Yes	5th	Battery-Electric Vehicle Car - Garud	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>500000</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	500000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>5th</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Battery-Electric Vehicle Car - Garud</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	5th	Title of Innovation / Start-up Secured the Award / Recognition	Battery-Electric Vehicle Car - Garud	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Expense Amount Incurred by Institute? (In Rupees)	500000																								
Award / Position / Recognition Secured	5th																								
Title of Innovation / Start-up Secured the Award / Recognition	Battery-Electric Vehicle Car - Garud																								
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																								

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

2	Young Innovator Awards Session	Entrepreneurship/Startup	Innovation Contest	International Conference on Health 2019	International Agencies	09-10-2019 00:00:00	25-12-2019 00:00:00	78	2	2	4	No	---	---	No	No			
3	SAEINDIA SUPRA	Entrepreneurship/Startup	Innovation Contest	SAEINDIA	Non-Govt. Agencies	15-07-2019 00:00:00	20-07-2019 00:00:00	6	25	1	26	Yes	38th	Overall Best Female Participant Award.	Total Total Expense Amount Incurred by Institute? (In Rupees)	380000	Award / Position / Recognition Secured	38th	
																	Title of Innovation / Start-up Secured the Award / Recognition	Overall Best Female Participant Award.	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
4	All India NIT Conference	Innovation	Innovation Contest	SVNIT Surat	Educational Institute	14-09-2019 00:00:00	15-09-2019 00:00:00	2	100	0	100	Yes	1st Position	Self-Sustainable Village Model	No			Award / Position / Recognition Secured	1st Position
																	Title of Innovation / Start-up Secured the Award / Recognition	Self-Sustainable Village Model	
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work	
5	NIT Conclave	Entrepreneurship/Startup	Hackathon	NIT Association	Govt. Agency (Central)	23-08-2019 00:00:00	25-08-2019 00:00:00	3	500	0	500	Yes	3rd position	Solution to technical problem	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	Award / Position / Recognition Secured	3rd position	
																	Title of Innovation / Start-up Secured the Award / Recognition	Solution to technical problem	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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

6	Innovation Growth Program Season-2	Innovation	Innovation Contest	IIT BOMBAY	Educational Institute	28-06-2019 00:00:00	29-06-2019 00:00:00	2	816	0	816	Yes	top 10	Malaria detection method using blood sample	No			Award / Position / Recognition Secured	top 10
																		Title of Innovation / Start-up Secured the Award / Recognition	Malaria detection method using blood sample
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
7	BAJA SAEINDIA	Innovation	Innovation Contest	SAEINDIA	Non-Govt. Agencies	24-01-2020 00:00:00	27-01-2020 00:00:00	4	25	1	26	Yes	23	BAJA SAEINDIA TEAM IGNITRR 2020			383485.66	Award / Position / Recognition Secured	23
															Total Total Expense Amount Incurred by Institute? (In Rupees)			Title of Innovation / Start-up Secured the Award / Recognition	BAJA SAEINDIA TEAM IGNITRR 2020
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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	Basic Course in Entrepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Career Development Center	08-07-2019	20-12-2019	166	Offline	47	40
2	Advanced Course in Entrepreneurship	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Career Development Center	06-01-2020	21-05-2020	137	Online	21	40

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	FDP on Shifting Teaching Learning Paradigm to address the future needs of engineering	Entrepreneurship/Startup	FDP in I&E / IPR	Career Development Center	07-09-2019	11-09-2019	5	Offline	35	35

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	NA	NA	NA	No	No

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Entrepreneurship Cell	Startup Club	2011	Co-working Space	Innovation Labs	8	Shubham Jain	sjshubhamjainsj77@gmail.com	7879956414
2	Innovation Cell	Innovation Club	2018	Co-working Space	Pre-Incubation Unit	8	Abhijeet Dheer	abhijeetdheer@gmail.com	969109344

List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Makerspace	Maker's Space	2018	3D Printing & Prototype Equipment	IPR Cell/Technology Transfer Centre, Student Clubs	IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Saurabh Gupta</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sgupta.bme@nitr.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7389727963</td> </tr> </table>	Facility Incharge Name	Saurabh Gupta	Facility Incharge Email	sgupta.bme@nitr.ac.in	Facility Incharge Phone	7389727963	0	No	No	No
Facility Incharge Name	Saurabh Gupta																
Facility Incharge Email	sgupta.bme@nitr.ac.in																
Facility Incharge Phone	7389727963																

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

No Data Filled!

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

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?						
1	IPR Cell	2017	Pre-Incubation, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Subhojit Ghosh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sghosh.ele@nitrr.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8225817389</td> </tr> </table>	Facility Incharge Name	Subhojit Ghosh	Facility Incharge Email	sghosh.ele@nitrr.ac.in	Facility Incharge Phone	8225817389	1	No	No	No
Facility Incharge Name	Subhojit Ghosh														
Facility Incharge Email	sghosh.ele@nitrr.ac.in														
Facility Incharge Phone	8225817389														

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

No Data Filled!

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

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
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1	An idea to solve the problems faced by the blind people by making a camera fitted pair of spectacles which would help them judge sudden obstacles, recognise acquaintances and commute.	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	NA		Student			Male		NA@gmail.com			7389727963		

2	Self levelling device used in surveying	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No
		Name		Type			Gender		Email			Contact	
		NA		Student			Male		NA@gmail.com			7389727963	

3	Women safety Device	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No
		Name		Type			Gender		Email			Contact	
		NA		Student			Male		NA@gmail.com			7389727963	

4	Air Cooling system	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No
		Name		Type			Gender		Email			Contact	
		NA		Student			Female		NA@gmail.com			7389727963	

Name	Email
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Name		Type			Gender		Email			Contact	
NA		Student			Male		NA@gmail.com			7389727963	

Name	Email
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5	Drip Monitoring System	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No
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Name		Type			Gender		Email			Contact	
Ashish Sharma		Student			Male		ashishsharma8231@gmail.com			8269175658	

Name		Type			Gender		Email			Contact		
Leaf Disease Detection	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No

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Name		Type			Gender		Email			Contact	
Vasu Soni		Student			Male		sgupta.bme@nitrr.ac.in			9109691805	

Name	Email
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7	Intelligent Safety System	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No
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Name		Type			Gender		Email			Contact	
Aman Verma		Student			Male		aman.verma.nitrr@gmail.com			8827551308	

Name		Type			Gender		Email			Contact	

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Automate Analysis of Medical Report	Product Innovation	Technological	Makerspace	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	No	No	No	No
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Name	Type	Gender	Email	Contact	Name	Email
Siddharth Shah	Student	Male	siddharthshah3030@gmail.com	9770306466		

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

No Data Filled!

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	Confederation of Indian Industry (CII), Eastern Region	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	5	21-02-2019
2	Wadhvani Foundation	International Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	70	01-01-2019
3	Department of Industries, CG	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	2	01-01-2019

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

No Data Filled!

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	A TERNARY BLENDED CONCRETE MIXTURE AND A METHOD FOR PRODUCING THE TERNARY BLENDED CONCRETE MIXTURE	202021007512	National	2020 - 02	Uploaded
	2	FLY ASH AND RICE HUSK ASH TRIPLE BLEND CONCRETE	201921011206	National	2019 - 05
Uploaded	3	PROCESS FOR PREPARATION OF CONCRETE MIX USING FLY ASH AND GLASS FIBER		201921044843	National

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

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

No Data Filled!

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. A M Rawani (Head of Institute) and Prof. Saurabh Gupta (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

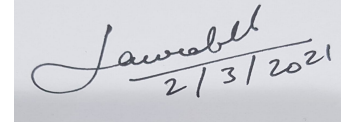
Thank you

The Head of Institute



Prof. A M Rawani
Head of the Institution,
Raipur , Chhattisgarh

Nodal officer



Prof. Saurabh Gupta
Nodal Officer,
Raipur , Chhattisgarh