



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

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

### Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

| Name of the Institute/ University/ Group of Institutions and any Autonomous Body ( Incubation Unit/Research Park etc.) located within same campus | Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body ( Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure) | Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body ( Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure) | Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF) |
|---|--|---|--|
| National Institute of Technology Raipur   | 1095673293.18  | 1317121286.50   | Document Uploaded in ARIIA DSP   |
| Total (Rupees in Figure)  | 1095673293.18  | 1317121286.50   |  |

**Institute Type : Institute of National Importance & Central Universities/CFTs**

**Total Student Base ( Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 4330**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 254**

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

| 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? | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) |
|-----------------------------|--------------------------|----------------------------|-----------------------|--|---------------------|---------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|--|--|
| Aavartan                    | Innovation               | Technical                  | Student Lead Activity | Technocracy  | 06-10-2018 00:00:00 | 07-10-2018 00:00:00 | 2                         | Within Campus    | 428                             | 53                              | 130                             | 16                              | 627                          | Yes  | 100000   |
| IoT Workshop                | Innovation               | Workshop                   | Student Lead Activity | Technocracy  | 06-10-2018 00:00:00 | 07-10-2018 00:00:00 | 2                         | Within Campus    | 200                             | 5                               | 100                             | 2                               | 307                          | Yes  | 15000  |
| Manual Robotics             | Innovation               | Workshop                   | Student Lead Activity | Robotix  | 06-09-2018 00:00:00 | 06-09-2018 00:00:00 | 1                         | Within Campus    | 150                             | 5                               | 100                             | 0                               | 255                          | No   | ---  |
| Arduibotics                 | Innovation               | Workshop                   | Student Lead Activity | Robotix  | 12-02-2019 00:00:00 | 12-02-2019 00:00:00 | 1                         | Within Campus    | 150                             | 5                               | 100                             | 0                               | 255                          | No   | ---  |
| Roboquiz                    | Innovation               | online Quiz                | Student Lead Activity | Robotix  | 09-06-2019 00:00:00 | 09-06-2019 00:00:00 | 1                         | Within Campus    | 350                             | 0                               | 150                             | 0                               | 500                          | No   | ---  |
| Robo-Expo                   | Innovation               | Exhibition                 | Student Lead Activity | Robotix  | 09-08-2018 00:00:00 | 09-08-2018 00:00:00 | 1                         | Within Campus    | 60                              | 5                               | 40                              | 3                               | 108                          | No   | ---  |
| Vigyaan                     | Innovation               | Science Exhibition         | Student Lead Activity | Technocracy  | 06-10-2018 00:00:00 | 06-10-2018 00:00:00 | 1                         | Within Campus    | 120                             | 0                               | 60                              | 0                               | 180                          | Yes  | 300000   |
| B-Model Workshop            | Entrepreneurship/Startup | Business Model Development | Student Lead Activity | Entrepreneurship Cell                              | 24-08-2019 00:00:00 | 25-08-2019 00:00:00 | 2                         | Within Campus    | 110                             | 0                               | 90                              | 0                               | 200                          | No   | ---  |

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

|  |                          |                    |                         |                      |                     |                     |    |               |     |    |     |   |     |     |         |
|--|--------------------------|--------------------|-------------------------|----------------------|---------------------|---------------------|----|---------------|-----|----|-----|---|-----|-----|---------|
| Seed Grant                                     | Innovation               | Project Funding    | Institute Lead Activity | Innovation Cell      | 21-07-2018 00:00:00 | 21-07-2018 00:00:00 | 1  | Within Campus | 60  | 0  | 0   | 0 | 60  | Yes | 250000  |
| E Summit                                       | Entrepreneurship/Startup | Startup Conclave   | Student Lead Activity   | E Cell, CDC          | 08-09-2018 00:00:00 | 09-09-2018 00:00:00 | 2  | Within Campus | 110 | 20 | 256 | 8 | 394 | Yes | 1205000 |
| Innovation Manthan                             | Innovation               | Innovation Contest | Student Lead Activity   | Innovation Cell, CDC | 30-03-2019 00:00:00 | 30-03-2019 00:00:00 | 1  | Within Campus | 50  | 11 | 0   | 0 | 61  | Yes | 10000   |
| Workshop on Intellectual Property for Startups | IPR                      | IPR                | Institute Lead Activity | CDC, NIT Raipur      | 10-01-2019 00:00:00 | 10-01-2019 00:00:00 | 1  | Within Campus | 56  | 13 | 0   | 0 | 69  | No  | ---     |
| Workshop on Design Thinking                    | Innovation               | Innovation         | Institute Lead Activity | CDC, NITRR           | 30-03-2019 00:00:00 | 30-03-2019 00:00:00 | 1  | Within Campus | 58  | 5  | 12  | 4 | 79  | Yes | 20000   |
| IGNITION (BUSINESS MODEL COMPETITION)          | Entrepreneurship/Startup | B-Plan Competition | Student Lead Activity   | E Cell, CDC, NITRR   | 08-09-2018 00:00:00 | 26-10-2018 00:00:00 | 49 | Within Campus | 18  | 0  | 12  | 0 | 30  | Yes | 77500   |

### Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

| 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 program/activity/event? | Total Expense Amount Incurred by Institute? (In Rupees) |
|--|--------------------------|--|------------------------------------|------------------------|---------------------|---------------------|----------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|
| Wissenaire 19  | Innovation               | Tech Fest  | IIT Bhubaneswar                    | Educational Institute  | 01-02-2019 00:00:00 | 03-02-2019 00:00:00 | 3                          | 5                       | 0                      | 5                            | Yes                              | 1                                      | Box Maze   | Yes   | 22650   |
| Quad Torc 18   | Innovation               | Design a all terrain quad bike which can sustain the difficult off road tracks with the robust design. | ISNEE                              | Govt. Agency (Central) | 25-09-2018 00:00:00 | 30-09-2018 00:00:00 | 6                          | 30                      | 2                      | 32                           | Yes                              | 11th                                   | Quad-Bike  | No  | ---   |
| FDP by Wadhvani Foundation for teaching Advance Course in Entrepreneurship | Entrepreneurship/Startup | Skill Development  | Wadhvani Foundation                | International Agencies | 24-06-2019 00:00:00 | 30-06-2019 00:00:00 | 7                          | 0                       | 1                      | 1                            | No                               | ---                                    | ---  | Yes   | 28000   |
| Smart India Hackathon 2019   | Innovation               | Hackathon  | MHRD                               | Govt. Agency (Central) | 02-03-2019 00:00:00 | 03-03-2019 00:00:00 | 2                          | 6                       | 0                      | 6                            | Yes                              | 1st                                    | pysoul   | No  | ---   |

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

|                            |            |           |         |                        |                     |                     |   |   |   |   |     |     |         |     |       |
|----------------------------|------------|-----------|---------|------------------------|---------------------|---------------------|---|---|---|---|-----|-----|---------|-----|-------|
| Smart India Hackathon 2019 | Innovation | Hackathon | MHRD    | Govt. Agency (Central) | 02-03-2019 00:00:00 | 03-03-2019 00:00:00 | 2 | 6 | 0 | 6 | Yes | 1st | iVision | No  | ---   |
| Smart India Hackathon 2019 | Innovation | Hackathon | MHRD    | Govt. Agency (Central) | 02-03-2019 00:00:00 | 03-03-2019 00:00:00 | 2 | 6 | 0 | 6 | Yes | 1st | TADASHI | No  | ---   |
| Technex                    | Innovation | TechFest  | IIT BHU | Educational Institute  | 08-03-2019 00:00:00 | 10-03-2019 00:00:00 | 3 | 8 | 0 | 8 | No  | --- | ---     | Yes | 36000 |

**Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19**

| Title of Course/Subject Offered  | Program Theme            | Type of Course              | Level of Course          | Program Start Date  | Program End Date    | Program Duration(in Days) | Mode of Delivery | Total Enrolment Number | Total Number of Students Completed | Total Numbers of Contact Hours of Course |
|----------------------------------|--------------------------|-----------------------------|--------------------------|---------------------|---------------------|---------------------------|------------------|------------------------|------------------------------------|--|
| Basic Course in Entrepreneurship | Entrepreneurship/Startup | Elective/Core Credit Course | Credit Course (Elective) | 08-01-2019 00:00:00 | 16-04-2019 00:00:00 | 99                        | Offline          | 37                     | 37                                 | 40                                       |

**Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus**

| Name of Centre                             | Type of Facility       | Year of Facility Creation | Facility Location / Address | Facility Incharge   | Carpet Area of Facility | Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities? | Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities? |                        |                         |            |              |   |     |  |  |         |  |   |    |
|--|------------------------|---------------------------|-----------------------------|---|-------------------------|---|---|------------------------|-------------------------|------------|--------------|---|-----|--|--|---------|--|---|----|
| Makerspace                                 | Pre-Incubation Centre  | 2019                      | NIT Raipur                  | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Saurabh Gupta</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sgupta.bme@nitrr.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@nitrr.ac.in | Facility Incharge Phone | 7389727963 | 3000 Sq. Ft. | <table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1000000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table> | Yes |  | Annual Capital Expenditure (In Rupees) | 1000000 | Annual Operational Expenditure (In Rupees) | 0 | No |
| Facility Incharge Name                     | Saurabh Gupta          |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |
| Facility Incharge Email                    | sgupta.bme@nitrr.ac.in |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |
| Facility Incharge Phone                    | 7389727963             |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |
| Yes  |                        |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |
| Annual Capital Expenditure (In Rupees)     | 1000000                |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |
| Annual Operational Expenditure (In Rupees) | 0                      |                           |                             |   |                         |   |   |                        |                         |            |              |   |     |  |  |         |  |   |    |

**Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus**

| Name of Centre | Source of Grant / Fund          | Agency Name | Agency Type | Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus? | Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees) |
|----------------|---------------------------------|-------------|-------------|--|---|
| Makerspace     | Institute's Own Fund / Resource | ---         | ---         | Yes  | 1000000   |

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

| Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre | Name of Centre | Stage of Innovation (TRL Stage) | Innovation Developed by | Year of Innovation / Project Started | Type of Innovation | Current Status Pre-Incubation/Incubation Support Received | Current Status of Innovation, Stage of TRL it has reached | 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 / | Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre- | Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by |
|--|----------------|---------------------------------|-------------------------|--------------------------------------|--------------------|---|---|--|---|---|
|--|----------------|---------------------------------|-------------------------|--------------------------------------|--------------------|---|---|--|---|---|

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

|   |            |  |                     |              |                                  |   |  | Innovations Development during the financial period 2018-19  | incubation/incubation or institute during the financial period 2018-19 | Pre-incubation/incubation or institute during the financial period 2018-19? |  |
|---|------------|--|---------------------|--------------|----------------------------------|---|--|--|--|---|--|
| 3D Printer  | Makerspace | TRL 6 : Prototype system tested in intended environment close to expected performance. | Faculty and Student | 2018         | Non-IP / Non-Patented Technology | Completed but No Further Action Taken         | TRL 6 : Prototype system tested in intended environment close to expected performance. | Yes<br><br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br><br>25000 | No   | No  |  |
| <b>Principal Innovator</b>  |            |  |                     |              |                                  |   |  |  |  |   |  |
|   |            |  |                     | <b>Name</b>  |                                  | <b>Type</b>                                   |  | <b>Gender</b>  |  | <b>Email</b>  |  |
|   |            |  |                     | Gautam Kumar |                                  | Student                                       |  | Male   |  | gk235329@gmail.com  |  |
|   |            |  |                     |              |                                  |   |  |  |  | 9576860217  |  |
| Student Hub - One platform for all student needs of the Institute | Makerspace | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).    | Student             | 2018         | Non-IP / Non-Patented Technology | Dropped and No Further Action Taken           | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).    | Yes<br><br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br><br>0     | No   | No  |  |
| <b>Principal Innovator</b>  |            |  |                     |              |                                  |   |  |  |  |   |  |
|   |            |  |                     | <b>Name</b>  |                                  | <b>Type</b>                                   |  | <b>Gender</b>  |  | <b>Email</b>  |  |
|   |            |  |                     | Mohit Sarma  |                                  | Student                                       |  | Male   |  | lightwalamurtaza5210@gmail.com  |  |
|   |            |  |                     |              |                                  |   |  |  |  | 8979621904  |  |
| Check in based social networking App                              | Makerspace | TRL 9 : Full commercial application, technology available for consumers.               | Student             | 2017         | Non-IP / Non-Patented Technology | Completed and Commercialize as Satrap/Company | TRL 9 : Full commercial application, technology available for consumers.               | Yes<br><br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br><br>0     | No   | No  |  |

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

|  |                            |   |                     |        |  |                                     |   |  |            |    |
|--|----------------------------|---|---------------------|--------|--|-------------------------------------|---|--|------------|----|
|  | <b>Principal Innovator</b> |   |                     |        |  |                                     |   |  |            |    |
|  | Name                       |   | Type                |        | Gender   |                                     | Email   |  | Contact    |    |
|  | D Rupesh Kumar             |   | Student             |        | Male   |                                     | chronicleslifeyou@gmail.com   |  | 9179495108 |    |
| Helping Hand - Facility for citizens to contact hospitals and police stations in case of accidents | Makerspace                 | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Student             | 2018   | Non-IP / Non-Patented Technology   | Dropped and No Further Action Taken | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0     | No         | No |
|  | <b>Principal Innovator</b> |   |                     |        |  |                                     |   |  |            |    |
|  | Name                       |   | Type                |        | Gender   |                                     | Email   |  | Contact    |    |
| Murtaza Lightwala  |                            | Student   |                     | Male   |  | lightwalamurtaza5210@gmail.com      |   | 9755565810   |            |    |
| Brain Computer Interface   | Makerspace                 | TRL 2 : Technology formulation. Concept and application have been formulated.       | Faculty and Student | 2018   | IP / Patented Technology<br>Applied for Patent No<br>Patent Application No<br>Year of Patent Application | Still Under Development Process     | TRL 2 : Technology formulation. Concept and application have been formulated.       | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>25000 | No         | No |
|  | <b>Principal Innovator</b> |   |                     |        |  |                                     |   |  |            |    |
|  | Name                       |   | Type                |        | Gender   |                                     | Email   |  | Contact    |    |
| Sikta Sharma   |                            | Student   |                     | Female |  | siktasharma24@gmail.com             |   | 964445241  |            |    |

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

| Smart Cross - Automatic Railway Crossing System  | Makerspace | TRL 2 : Technology formulation. Concept and application have been formulated.       | Student                    | 2019       | Non-IP / Non-Patented Technology | Still Under Development Process | TRL 2 : Technology formulation. Concept and application have been formulated.       | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0    | No | No |      |      |        |       |         |             |         |      |                            |            |
|--|------------|---|----------------------------|------------|----------------------------------|---------------------------------|---|---|----|----|------|------|--------|-------|---------|-------------|---------|------|----------------------------|------------|
| <p><b>Principal Innovator</b></p> <table border="1"> <thead> <tr> <th data-bbox="300 502 855 547">Name</th> <th data-bbox="862 502 1189 547">Type</th> <th data-bbox="1196 502 1523 547">Gender</th> <th data-bbox="1529 502 1856 547">Email</th> <th data-bbox="1863 502 2190 547">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 552 855 596">Mohit Sarin</td> <td data-bbox="862 552 1189 596">Student</td> <td data-bbox="1196 552 1523 596">Male</td> <td data-bbox="1529 552 1856 596">mohitsarin98@gmail.com</td> <td data-bbox="1863 552 2190 596">7000524850</td> </tr> </tbody> </table>                        |            |   |                            |            |                                  |                                 |   |   |    |    | Name | Type | Gender | Email | Contact | Mohit Sarin | Student | Male | mohitsarin98@gmail.com     | 7000524850 |
| Name   | Type       | Gender  | Email                      | Contact    |                                  |                                 |   |   |    |    |      |      |        |       |         |             |         |      |                            |            |
| Mohit Sarin  | Student    | Male  | mohitsarin98@gmail.com     | 7000524850 |                                  |                                 |   |   |    |    |      |      |        |       |         |             |         |      |                            |            |
| Guru Search  | Makerspace | TRL 2 : Technology formulation. Concept and application have been formulated.       | Student                    | 2018       | Non-IP / Non-Patented Technology | Still Under Development Process | TRL 2 : Technology formulation. Concept and application have been formulated.       | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0    | No | No |      |      |        |       |         |             |         |      |                            |            |
| <p><b>Principal Innovator</b></p> <table border="1"> <thead> <tr> <th data-bbox="300 1011 855 1056">Name</th> <th data-bbox="862 1011 1189 1056">Type</th> <th data-bbox="1196 1011 1523 1056">Gender</th> <th data-bbox="1529 1011 1856 1056">Email</th> <th data-bbox="1863 1011 2190 1056">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1061 855 1106">Ashim Khan</td> <td data-bbox="862 1061 1189 1106">Student</td> <td data-bbox="1196 1061 1523 1106">Male</td> <td data-bbox="1529 1061 1856 1106">cristianoashim07@gmail.com</td> <td data-bbox="1863 1061 2190 1106">7000243640</td> </tr> </tbody> </table> |            |   |                            |            |                                  |                                 |   |   |    |    | Name | Type | Gender | Email | Contact | Ashim Khan  | Student | Male | cristianoashim07@gmail.com | 7000243640 |
| Name   | Type       | Gender  | Email                      | Contact    |                                  |                                 |   |   |    |    |      |      |        |       |         |             |         |      |                            |            |
| Ashim Khan   | Student    | Male  | cristianoashim07@gmail.com | 7000243640 |                                  |                                 |   |   |    |    |      |      |        |       |         |             |         |      |                            |            |
| Portable Telescopic Chair  | Makerspace | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Student                    | 2019       | Non-IP / Non-Patented Technology | Still Under Development Process | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>8000 | No | No |      |      |        |       |         |             |         |      |                            |            |

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

| Principal Innovator  |                     |   |         |        |                                  |                                       |   |  |    |    |
|--|---------------------|---|---------|--------|----------------------------------|---------------------------------------|---|--|----|----|
| Name   |                     | Type  |         | Gender |                                  | Email                                 |   | Contact  |    |    |
| Abhineet Dubey   |                     | Student   |         | Male   |                                  | shuklaankit8435@gmail.com             |   | 8085998029   |    |    |
| Smart Civil - real ime identification of ground and sil properties | Makerspace          | TRL 2 : Technology formulation. Concept and application have been formulated.                   | Student | 2018   | Non-IP / Non-Patented Technology | Still Under Development Process       | TRL 2 : Technology formulation. Concept and application have been formulated.                   | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0 | No | No |
|  | Principal Innovator |   |         |        |                                  |                                       |   |  |    |    |
| Name   |                     | Type  |         | Gender |                                  | Email                                 |   | Contact  |    |    |
| Bhukya Pawan Kr  |                     | Student   |         | Male   |                                  | bhukyapavan33@gmail.com               |   | 9493318752   |    |    |
| Etrash management  | Makerspace          | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Student | 2019   | Non-IP / Non-Patented Technology | Still Under Development Process       | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Yes<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0 | No | No |
|  | Principal Innovator |   |         |        |                                  |                                       |   |  |    |    |
| Name   |                     | Type  |         | Gender |                                  | Email                                 |   | Contact  |    |    |
| Prashant Soni  |                     | Student   |         | Male   |                                  | prashant44888@yahoo.com               |   | 8889744888   |    |    |
| REPORT SAMJHO  | Makerspace          | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).             | Student | 2019   | Non-IP / Non-Patented Technology | Completed but No Further Action Taken | TRL 6 : Prototype system tested in intended environment close to expected performance.          | No   | No | No |

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

|                        | <b>Principal Innovator</b> <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>SIDDHARTH SHAH</td> <td>Student</td> <td>Male</td> <td>siddharth@codevetor.in</td> <td>9770306466</td> </tr> </tbody> </table>     |  |                                |            |                                  |                                       |  |    |    |    | Name | Type | Gender | Email | Contact | SIDDHARTH SHAH | Student | Male | siddharth@codevetor.in         | 9770306466 |
|------------------------|---|--|--------------------------------|------------|----------------------------------|---------------------------------------|--|----|----|----|------|------|--------|-------|---------|----------------|---------|------|--------------------------------|------------|
| Name                   | Type  | Gender   | Email                          | Contact    |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| SIDDHARTH SHAH         | Student   | Male   | siddharth@codevetor.in         | 9770306466 |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| CASQUE                 | Makerspace  | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).    | Student                        | 2019       | Non-IP / Non-Patented Technology | Completed but No Further Action Taken | TRL 6 : Prototype system tested in intended environment close to expected performance. | No | No | No |      |      |        |       |         |                |         |      |                                |            |
|                        | <b>Principal Innovator</b> <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>AMAN VERMA</td> <td>Student</td> <td>Male</td> <td>aman.verma.forteller@gmail.com</td> <td>8827551308</td> </tr> </tbody> </table> |  |                                |            |                                  |                                       |  |    |    |    | Name | Type | Gender | Email | Contact | AMAN VERMA     | Student | Male | aman.verma.forteller@gmail.com | 8827551308 |
| Name                   | Type  | Gender   | Email                          | Contact    |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| AMAN VERMA             | Student   | Male   | aman.verma.forteller@gmail.com | 8827551308 |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| TINY LEAF              | Makerspace  | TRL 6 : Prototype system tested in intended environment close to expected performance. | Student                        | 2019       | Non-IP / Non-Patented Technology | Completed but No Further Action Taken | TRL 6 : Prototype system tested in intended environment close to expected performance. | No | No | No |      |      |        |       |         |                |         |      |                                |            |
|                        | <b>Principal Innovator</b> <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>VASU SONI</td> <td>Student</td> <td>Male</td> <td>wite2treav@gmail.com</td> <td>9109691805</td> </tr> </tbody> </table>            |  |                                |            |                                  |                                       |  |    |    |    | Name | Type | Gender | Email | Contact | VASU SONI      | Student | Male | wite2treav@gmail.com           | 9109691805 |
| Name                   | Type  | Gender   | Email                          | Contact    |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| VASU SONI              | Student   | Male   | wite2treav@gmail.com           | 9109691805 |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| NEUTRIPOD              | Makerspace  | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).    | Student                        | 2018       | Non-IP / Non-Patented Technology | Completed but No Further Action Taken | TRL 6 : Prototype system tested in intended environment close to expected performance. | No | No | No |      |      |        |       |         |                |         |      |                                |            |
|                        | <b>Principal Innovator</b> <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>SHREY AGRAWAL</td> <td>Student</td> <td>Male</td> <td>shreyagrawal555@gmail.com</td> <td>6265768010</td> </tr> </tbody> </table>   |  |                                |            |                                  |                                       |  |    |    |    | Name | Type | Gender | Email | Contact | SHREY AGRAWAL  | Student | Male | shreyagrawal555@gmail.com      | 6265768010 |
| Name                   | Type  | Gender   | Email                          | Contact    |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| SHREY AGRAWAL          | Student   | Male   | shreyagrawal555@gmail.com      | 6265768010 |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| DRIP MONITORING SYSTEM | Makerspace  | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).    | Student                        | 2018       | Non-IP / Non-Patented Technology | Completed but No Further Action Taken | TRL 6 : Prototype system tested in intended environment close to expected performance. | No | No | No |      |      |        |       |         |                |         |      |                                |            |
|                        | <b>Principal Innovator</b> <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>ASHISH SHARMA</td> <td>Student</td> <td>Male</td> <td>ashishsharma8231@gmail.com</td> <td>8269175658</td> </tr> </tbody> </table>  |  |                                |            |                                  |                                       |  |    |    |    | Name | Type | Gender | Email | Contact | ASHISH SHARMA  | Student | Male | ashishsharma8231@gmail.com     | 8269175658 |
| Name                   | Type  | Gender   | Email                          | Contact    |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |
| ASHISH SHARMA          | Student   | Male   | ashishsharma8231@gmail.com     | 8269175658 |                                  |                                       |  |    |    |    |      |      |        |       |         |                |         |      |                                |            |



**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

|                            |            |   |             |      |                                  |   |   |   |                |    |
|----------------------------|------------|---|-------------|------|----------------------------------|---|---|---|----------------|----|
| V.I.S.I.O.N.               | Makerspace | TRL 6 : Prototype system tested in intended environment close to expected performance.          | Student     | 2018 | Non-IP / Non-Patented Technology | Completed but No Further Action Taken               | TRL 6 : Prototype system tested in intended environment close to expected performance.          | No  | No             | No |
| <b>Principal Innovator</b> |            |   |             |      |                                  |   |   |   |                |    |
| <b>Name</b>                |            |   | <b>Type</b> |      | <b>Gender</b>                    |   | <b>Email</b>  |   | <b>Contact</b> |    |
| SHRUTI PANDEY              |            |   | Student     |      | Female                           |   | shrutip076@gmail.com  |   | 8224831664     |    |
| TAP2SAFETY                 | Makerspace | TRL 6 : Prototype system tested in intended environment close to expected performance.          | Student     | 2018 | Non-IP / Non-Patented Technology | Completed but No Further Action Taken               | TRL 6 : Prototype system tested in intended environment close to expected performance.          | No  | No             | No |
| <b>Principal Innovator</b> |            |   |             |      |                                  |   |   |   |                |    |
| <b>Name</b>                |            |   | <b>Type</b> |      | <b>Gender</b>                    |   | <b>Email</b>  |   | <b>Contact</b> |    |
| D RUPESH                   |            |   | Student     |      | Male                             |   | drupesh2008@gmail.com   |   | 9179495108     |    |
| SOLAR CHULHA               | Makerspace | TRL 6 : Prototype system tested in intended environment close to expected performance.          | Student     | 2018 | Non-IP / Non-Patented Technology | Completed and Ready for Commercialization/Incubated | TRL 6 : Prototype system tested in intended environment close to expected performance.          | No  | No             | No |
| <b>Principal Innovator</b> |            |   |             |      |                                  |   |   |   |                |    |
| <b>Name</b>                |            |   | <b>Type</b> |      | <b>Gender</b>                    |   | <b>Email</b>  |   | <b>Contact</b> |    |
| SHRUTI PAMDEY              |            |   | Student     |      | Female                           |   | shrutipandey2610@gmail.com  |   | 7000468848     |    |
| Perception.AI              | Makerspace | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Student     | 2018 | Non-IP / Non-Patented Technology | Still Under Development Process                     | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No<br>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)<br>0 | No             | No |
| <b>Principal Innovator</b> |            |   |             |      |                                  |   |   |   |                |    |
| <b>Name</b>                |            |   | <b>Type</b> |      | <b>Gender</b>                    |   | <b>Email</b>  |   | <b>Contact</b> |    |
| Mohit Sarin                |            |   | Student     |      | Male                             |   | mohitsarin98@gmail.com  |   | 7000524850     |    |

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

|                            |            |  |         |      |                                  |    |  |  |            |    |    |  |  |
|----------------------------|------------|--|---------|------|----------------------------------|----|--|--|------------|----|----|--|--|
| El-Electrica               | Makerspace | TRL 6 : Prototype system tested in intended environment close to expected performance. | Student | 2018 | IP / Patented Technology         |    | Completed and Ready for Commercialization/ incubati  | TRL 6 : Prototype system tested in intended environment close to expected performance. | Yes        | No | No |  |  |
|                            |            |  |         |      | Applied for Patent               | No |  |  |            |    |    |  |  |
|                            |            |  |         |      | Patent Application No            |    |  |  |            |    |    |  |  |
|                            |            | Year of Patent Application   |         |      |                                  |    | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) |  | 0          |    |    |  |  |
| <b>Principal Innovator</b> |            |  |         |      |                                  |    |  |  |            |    |    |  |  |
| Name                       |            |  | Type    |      | Gender                           |    | Email  |  | Contact    |    |    |  |  |
| Kartikay Shanker           |            |  | Student |      | Male                             |    | kartikayshanker72@gmail.com  |  | 8839787897 |    |    |  |  |
| MREdutech                  | Makerspace | TRL 9 : Full commercial application, technology available for consumers.               | Student | 2018 | Non-IP / Non-Patented Technology |    | Completed and Commercialize as Satrap/Company  | TRL 9 : Full commercial application, technology available for consumers.               | Yes        | No | No |  |  |
|                            |            |  |         |      |                                  |    |  |  |            |    |    | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) |  |
|                            |            |  |         |      |                                  |    |  |  |            |    |    | 42000  |  |
| <b>Principal Innovator</b> |            |  |         |      |                                  |    |  |  |            |    |    |  |  |
| Name                       |            |  | Type    |      | Gender                           |    | Email  |  | Contact    |    |    |  |  |
| Kuldeep Pisda              |            |  | Student |      | Male                             |    | pisdak79@gmail.com   |  | 9407608477 |    |    |  |  |

**Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

| Name of Start-up Received Funding / Grant from Centre | Name of Centre | Year of Registration | Registered as | Start-up with Corporate Identification Number (CIN) Registration | Start-up Founded by | Type of Innovation | Current Status Pre-Incubation/Incubation Support Received | 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 2018-19 | Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19? | Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19? | Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ? |
|---|----------------|----------------------|---------------|--|---------------------|--------------------|---|--|---|--|--|
|---|----------------|----------------------|---------------|--|---------------------|--------------------|---|--|---|--|--|

**Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

|                                      |                |           |                 |                        |         |                                 |   |                             |  |            |         |
|--------------------------------------|----------------|-----------|-----------------|------------------------|---------|---------------------------------|---|-----------------------------|--|------------|---------|
| CLAY GLOBAL NETWORKS PRIVATE LIMITED | Makerspace     | 2018-19   | Private Limited | U74999CT2018P TC008437 | Student | Service Based Business Solution | Receiving Incubation Support from Incubation Unit | No                          | Yes<br>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)<br>50000 | No         | No      |
|                                      | <b>Founder</b> |           |                 |                        |         |                                 |   |                             |  |            |         |
|                                      | Name           |           | DIN Number      |                        | Type    |                                 | Gender  |                             | Email  |            | Contact |
| Devrath Verma                        |                | DIPP27873 |                 | Alumni Entrepreneur    |         | Male                            |   | chronicleslifeyou@gmail.com |  | 8103653214 |         |
| ZENITHECH TECHWARE PVT LTD           | Makerspace     | 2012-13   | Private Limited | U72900CT2019P TC08986  | Student | Service Based Business Solution | Receiving Incubation Support from Incubation Unit | No                          | Yes<br>Total Seed Grant/Fund Amount Disbursed to Start-up by Institute/Centre (In Rupees)<br>50000 | No         | No      |
|                                      | <b>Founder</b> |           |                 |                        |         |                                 |   |                             |  |            |         |
|                                      | Name           |           | DIN Number      |                        | Type    |                                 | Gender  |                             | Email  |            | Contact |
| Samveg Thaker                        |                | 0822449   |                 | Student                |         | Male                            |   | thakersamveg608@gmail.com   |  | 7974672689 |         |
| NERDY PRIVATE LIMITED                | Makerspace     | 2017-18   | Private Limited | U80904CT2017P TC007789 | Student | Service Based Business Solution | Graduated from Incubation Unit/Centre             | Yes                         | No   | No         | No      |
|                                      | <b>Founder</b> |           |                 |                        |         |                                 |   |                             |  |            |         |
|                                      | Name           |           | DIN Number      |                        | Type    |                                 | Gender  |                             | Email  |            | Contact |
| SHREY MISHRA                         |                | 07715576  |                 | Student                |         | Male                            |   | nerdyacademy@gmail.com      |  | 8226033600 |         |

### Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

|   |            |                          |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
|---|------------|--------------------------|-----------------|---------------------------|---------|------------------------------------|---|--------------------------|----|------------|----|---|----|---|--|
| Soil IOT                                | Makerspace | 2016-17                  | Private Limited | U74999CT2017P<br>TC00834  | Student | Service Based<br>Business Solution | Graduated from<br>Incubation<br>Unit/Centre | No                       | No | No         | No | Yes   | No |   |  |
|   |            |                          |                 |                           |         |                                    |   |                          |    |            |    | Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype /Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees) |    |   |  |
|   |            |                          |                 |                           |         |                                    |   |                          |    |            |    | 0   |    |   |  |
| Seedf und/A ngel/V C Agenc y Name       |            | IIM Ban galor e          |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| Agenc y Type                            |            | Educ ation al Instit ute |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| <b>Founder</b>                          |            |                          |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| Name                                    |            | DIN Number               |                 | Type                      |         | Gender                             |   | Email                    |    | Contact    |    |   |    |   |  |
| Himanshu Verma                          |            | 07979006                 |                 | Student                   |         | Male                               |   | himcurioso@gmail.com     |    | 7415509502 |    |   |    |   |  |
| BLUEBANYAN TECHNOLOGIES PRIVATE LIMITED | Makerspace | 2016-17                  | Private Limited | U72900CT2016P<br>TC007386 | Student | Service Based<br>Business Solution | Graduated from<br>Incubation<br>Unit/Centre | Yes                      | No | No         | No | No  | No |   |  |
|   |            |                          |                 |                           |         |                                    |   |                          |    |            |    |   |    | Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype /Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees) |  |
|   |            |                          |                 |                           |         |                                    |   |                          |    |            |    |   |    | 0   |  |
| Seedf und/A ngel/V C Agenc y Name       |            | IIM Ban galor e          |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| Agenc y Type                            |            | Educ ation al Instit ute |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| <b>Founder</b>                          |            |                          |                 |                           |         |                                    |   |                          |    |            |    |   |    |   |  |
| Name                                    |            | DIN Number               |                 | Type                      |         | Gender                             |   | Email                    |    | Contact    |    |   |    |   |  |
| Monendra Kumar Sahu                     |            | 07539162                 |                 | Student                   |         | Male                               |   | monendra.nitrr@gmail.com |    | 9111459999 |    |   |    |   |  |

### Co-Incubation Partnership

| Type of Partnership   | Partnership Institute Name | Type of Support Offered         | No. of Student Projects/ Ideas / Innovation / Startups Supported | Date of MOU / Agreement Signed on |
|---|----------------------------|---------------------------------|--|-----------------------------------|
| Incubation Services/Support Received from Other Institute/Incubator | 36 Inc                     | Incubation,Mentoring,Networking | 5  | 27-04-2018                        |
| Incubation Services/Support Received from Other Institute/Incubator | Wadhvani Foundation        | Mentoring,Networking            | 100  | 06-09-2018                        |

**Technology Commercialization / Transfer**

**No Data Filled!**

## Declaration

To,  
The ARIIA Committee  
MHRD's Innovation Cell  
New Delhi

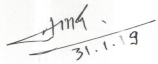
### Joint Declaration by the Head of the Institute and Nodal Officer

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,  
National Institute of Technology, Raipur,  
Raipur , Chhattisgarh

Nodal officer



---

Prof. Saurabh Gupta  
Nodal Officer,  
National Institute of Technology, Raipur,  
Raipur , Chhattisgarh

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