



# 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: DR T THIMMAIAH INSTITUTE OF TECHNOLOGY [ARI-C-1379]

### 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) |
|---|--|---|--|
| Dr T Thimmaiah Institute of Technology  | 106846313.00   | 109909143.00  | Document Uploaded in ARIIA DSP   |
| Total (Rupees in Figure)  | 106846313.00   | 109909143.00  |  |

**Institute Type : Colleges/Institutes (Private / Self Financed)**

**Total Student Base ( Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 1062**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 103**

### 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) |
|--------------------------------------|--------------------------------------|--------------|-------------------------|--|---------------------|---------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|--|--|
| Software application laboratory      | Entrepreneurship/Startup             | Workshop     | Student Lead Activity   | Civil Engineering                                  | 12-04-2019 00:00:00 | 13-04-2019 00:00:00 | 2                         | Within Campus    | 10                              | 3                               | 2                               | 1                               | 16                           | Yes  | 100000   |
| Workshop on machine learning         | Innovation                           | Workshop     | Institute Lead Activity | Computer Science and Engineering                   | 10-10-2018 00:00:00 | 12-10-2018 00:00:00 | 3                         | Within Campus    | 75                              | 21                              | 4                               | 2                               | 102                          | Yes  | 30000  |
| Intellectual property rights         | IPR                                  | Webinar      | Student Lead Activity   | Training and Placements                            | 16-01-2019 00:00:00 | 16-01-2019 00:00:00 | 1                         | Within Campus    | 100                             | 90                              | 0                               | 0                               | 190                          | No   | ---  |
| Entrepreneurship Development Cell    | Entrepreneurship/Startup             | Workshop     | Institute Lead Activity | Electrical Engineering                             | 08-04-2019 00:00:00 | 08-04-2019 00:00:00 | 1                         | Within Campus    | 70                              | 3                               | 0                               | 0                               | 73                           | Yes  | 8000   |
| Gold Mining in India The way forward | Entrepreneurship/Startup, Innovation | Conference   | Institute Lead Activity | Mining Engineering                                 | 15-02-2019 00:00:00 | 17-02-2019 00:00:00 | 3                         | Within Campus    | 150                             | 10                              | 10                              | 100                             | 270                          | Yes  | 150000   |
| Cyber Security by CISCO Academy      | Entrepreneurship/Startup, Innovation | Workshop     | Institute Lead Activity | Training and Placements                            | 29-03-2019 00:00:00 | 31-03-2019 00:00:00 | 3                         | Within Campus    | 30                              | 5                               | 0                               | 0                               | 35                           | Yes  | 30000  |

**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) |
|--|---------------|--------------|--|----------------------------------|---------------------|---------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|
| SIP  | Innovation    | workshop     | AICTE  | Govt. Agency (Central)           | 17-06-2019 00:00:00 | 19-06-2019 00:00:00 | 3                         | 0                       | 3                      | 3                            | No                               | ---                                    | ---  | Yes   | 5000  |
| International conference                                   | Innovation    | conference   | Indian mathematical society                      | Educational Institute            | 27-11-2018 00:00:00 | 30-11-2018 00:00:00 | 4                         | 0                       | 1                      | 1                            | No                               | ---                                    | ---  | No  | ---   |
| FDP ON MACHINE LEARNING                                    | Innovation    | Workshop     | Cambridge Institute of Technology                | Educational Institute            | 09-07-2018 00:00:00 | 14-07-2018 00:00:00 | 6                         | 0                       | 2                      | 2                            | No                               | ---                                    | ---  | Yes   | 6000  |
| FDP on outcome based education                             | Innovation    | Workshop     | Sir M V I T                                      | Educational Institute            | 19-04-2018 00:00:00 | 21-04-2018 00:00:00 | 3                         | 0                       | 4                      | 4                            | No                               | ---                                    | ---  | Yes   | 5000  |
| FDP ON BLOCK CHAIN TECHNOLOGY                              | Innovation    | Workshop     | DSATM Bangalore                                  | Educational Institute            | 28-06-2019 00:00:00 | 02-07-2019 00:00:00 | 5                         | 0                       | 3                      | 3                            | No                               | ---                                    | ---  | No  | ---   |
| Big Data Analytics   | Innovation    | Workshop     | New Horizon College of Engineering, Bangalore    | Educational Institute            | 21-01-2019 00:00:00 | 25-01-2019 00:00:00 | 5                         | 0                       | 1                      | 1                            | No                               | ---                                    | ---  | Yes   | 1400  |
| Design and detailing of RC and steel structures            | Innovation    | Workshop     | Brindavan college of Engineering and Technology  | Educational Institute            | 13-08-2018 00:00:00 | 14-08-2018 00:00:00 | 2                         | 0                       | 1                      | 1                            | No                               | ---                                    | ---  | Yes   | 1000  |
| Graphical Programming and Real Time Design                 | Innovation    | Workshop     | MVJ CE   | Educational Institute            | 07-08-2019 00:00:00 | 19-08-2019 00:00:00 | 13                        | 0                       | 2                      | 2                            | No                               | ---                                    | ---  | No  | ---   |
| FDP ON PATENT DRAFTING AND FILLING                         | IPR           | Workshop     | Chase Technologies                               | Corporate / Industry Association | 24-06-2019 00:00:00 | 28-06-2019 00:00:00 | 5                         | 0                       | 4                      | 4                            | No                               | ---                                    | ---  | No  | ---   |
| Faculty development program                                | Innovation    | Workshop     | GSSSIETW, MYSURU                                 | Educational Institute            | 17-07-2018 00:00:00 | 21-07-2018 00:00:00 | 5                         | 0                       | 1                      | 1                            | No                               | ---                                    | ---  | No  | ---   |
| Workshop on New model curriculum for first year as per OBE | Innovation    | Workshop     | M. S. Ramaiah Institute of Technology, Bangalore | Educational Institute            | 14-05-2018 00:00:00 | 14-05-2018 00:00:00 | 1                         | 0                       | 2                      | 2                            | No                               | ---                                    | ---  | 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**

|  |            |          |                 |                       |                     |                     |    |   |   |   |     |          |                           |     |      |
|--|------------|----------|-----------------|-----------------------|---------------------|---------------------|----|---|---|---|-----|----------|---------------------------|-----|------|
| Processing and Characterization of metal matrix composites | Innovation | Workshop | NGO             | Non-Govt. Agencies    | 15-06-2019 00:00:00 | 19-06-2019 00:00:00 | 5  | 0 | 2 | 2 | No  | ---      | ---                       | Yes | 2000 |
| FDP on Big-Data Analytics and Python Programming           | Innovation | Workshop | CMRIT Bangalore | Educational Institute | 01-07-2019 00:00:00 | 13-07-2019 00:00:00 | 13 | 0 | 1 | 1 | Yes | Topper-1 | Python Programming Topper | Yes | 2000 |

**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 |
|--|--------------------------------------|------------------------|-------------------------------|---------------------|---------------------|---------------------------|------------------|------------------------|------------------------------------|--|
| Cisco Certified Network Associate (CCNA) | Entrepreneurship/Startup, Innovation | Short term Certificate | Bachelor                      | 02-07-2018 00:00:00 | 31-08-2018 00:00:00 | 61                        | Offline          | 75                     | 75                                 | 40                                       |
| Cyber Security                           | Innovation                           | Short term Certificate | Short Term Certificate Course | 29-03-2019 00:00:00 | 31-03-2019 00:00:00 | 3                         | Offline          | 35                     | 35                                 | 30                                       |
| Management and Entrepreneurship          | Entrepreneurship/Startup             | Full time Program      | Bachelor                      | 04-02-2019 00:00:00 | 30-04-2019 00:00:00 | 86                        | Offline          | 220                    | 200                                | 45                                       |

**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? |     |  |        |  |        |
|--------------------------|---|---------------------------|-----------------------------|-------------------------|-------------------------|---|---|-----|--|--------|--|--------|
| Cisco Networking Academy | Centre of Excellence with Advance Tools & Equipment | 2017                      | Academic Block              | Facility Incharge Name  | Nagaraj S               | 1200 Sq. Ft.  | Yes   | Yes |  |        |  |        |
|                          |   |                           |                             | Facility Incharge Email | nagaraj@drtit.edu.in    |   |   |     | Annual Capital Expenditure (In Rupees)     | 826000 | Total Annual Income from Training and Skill Development Services (In Rupees)     | 800000 |
|                          |   |                           |                             | Facility Incharge Phone | 6360935392              |   |   |     | Annual Operational Expenditure (In Rupees) | 150000 | Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) | 3000   |
|                          |   |                           |                             |                         |                         |   | Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)                 | 0   |  |        |  |        |

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

|   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
|---|---|------|----------------------------------|--|------------------------|---------------------|-------------------------|----------------------------|-------------------------|------------|--------------|--|-----|--|--|---------|--|--------|---|-----|--|--|---|--|--------|---|---|
| Center of Advanced Research in Data sciences and Analytics                                    | Research Park/Innovation Park                       | 2018 | Ground Floor, Academic Block     | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Charan K V</td> </tr> <tr> <td>Facility Incharge Email</td> <td>charan@drtit.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9380066277</td> </tr> </table>        | Facility Incharge Name | Dr. Charan K V      | Facility Incharge Email | charan@drtit.edu.in        | Facility Incharge Phone | 9380066277 | 600 Sq. Ft.  | No   | No  |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Name  | Dr. Charan K V                                      |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Email   | charan@drtit.edu.in                                 |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Phone   | 9380066277  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Bio-Fuel Center   | Centre of Excellence with Advance Tools & Equipment | 2016 | Bio-Fuel Center, Dr. TTIT Campus | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. H G Shenoy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>viceprincipal@drtit.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9880206257</td> </tr> </table> | Facility Incharge Name | Dr. H G Shenoy      | Facility Incharge Email | viceprincipal@drtit.edu.in | Facility Incharge Phone | 9880206257 | 1200 Sq. Ft. | <table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1730000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>150000</td> </tr> </table> | Yes |  | Annual Capital Expenditure (In Rupees) | 1730000 | Annual Operational Expenditure (In Rupees) | 150000 | <table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>      | Yes |  | Total Annual Income from Training and Skill Development Services (In Rupees) | 0 | Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) | 0      | Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) | 0 |
| Facility Incharge Name  | Dr. H G Shenoy                                      |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Email   | viceprincipal@drtit.edu.in                          |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Phone   | 9880206257  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Yes   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Capital Expenditure (In Rupees)  | 1730000   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Operational Expenditure (In Rupees)  | 150000  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Yes   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from Training and Skill Development Services (In Rupees)                  | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)              | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Foundation for Material Testing and Incubation Labs   | Centre of Excellence with Advance Tools & Equipment | 2017 | Civil Labs, Dr. TTIT Campus      | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. Maneela</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod.civ@drtit.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8660958149</td> </tr> </table>        | Facility Incharge Name | Prof. Maneela       | Facility Incharge Email | hod.civ@drtit.edu.in       | Facility Incharge Phone | 8660958149 | 1200 Sq. Ft. | <table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>686991</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>       | Yes |  | Annual Capital Expenditure (In Rupees) | 686991  | Annual Operational Expenditure (In Rupees) | 0      | <table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>159000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table> | Yes |  | Total Annual Income from Training and Skill Development Services (In Rupees) | 0 | Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) | 159000 | Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) | 0 |
| Facility Incharge Name  | Prof. Maneela                                       |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Email   | hod.civ@drtit.edu.in                                |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Phone   | 8660958149  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Yes   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Capital Expenditure (In Rupees)  | 686991  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Operational Expenditure (In Rupees)  | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Yes   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from Training and Skill Development Services (In Rupees)                  | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)              | 159000  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) | 0   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Dr. TVV Center for Interdisciplinary Innovation and Research                                  | Research Park/Innovation Park                       | 2018 | Ground Floor, President Block    | <table border="1"> <tr> <td>Facility Incharge Name</td> <td>Syed Thouheed Ahmed</td> </tr> <tr> <td>Facility Incharge Email</td> <td>syed@drtit.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7975909324</td> </tr> </table>     | Facility Incharge Name | Syed Thouheed Ahmed | Facility Incharge Email | syed@drtit.edu.in          | Facility Incharge Phone | 7975909324 | 600 Sq. Ft.  | <table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>800000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>150000</td> </tr> </table>  | Yes |  | Annual Capital Expenditure (In Rupees) | 800000  | Annual Operational Expenditure (In Rupees) | 150000 | No  |     |  |  |   |  |        |   |   |
| Facility Incharge Name  | Syed Thouheed Ahmed                                 |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Email   | syed@drtit.edu.in                                   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Facility Incharge Phone   | 7975909324  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Yes   |   |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Capital Expenditure (In Rupees)  | 800000  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |
| Annual Operational Expenditure (In Rupees)  | 150000  |      |                                  |  |                        |                     |                         |                            |                         |            |              |  |     |  |  |         |  |        |   |     |  |  |   |  |        |   |   |

## 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) |
|--|---------------------------------|--------------------------------|----------------------|--|---|
| Cisco Networking Academy                                   | Institute's Own Fund / Resource | ---                            | ---                  | No   | ---   |
| Bio-Fuel Center  | Funding Agency                  | KSBDB, Government of Karnataka | Govt. Agency (State) | Yes  | 1730000   |
| Foundation for Material Testing and Incubation Labs        | Institute's Own Fund / Resource | ---                            | ---                  | No   | ---   |
| Center of Advanced Research in Data sciences and Analytics | Institute's Own Fund / Resource | ---                            | ---                  | No   | ---   |

## 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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |                            |  |         |  |        |  |                         |  |            |  |
|---|--|---|-------------------------|--------------------------------------|----------------------------------|---|---|--|---|---|----------------------------|--|---------|--|--------|--|-------------------------|--|------------|--|
| Design and Development of Smart Wheel Chair   | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | Non-IP / Non-Patented Technology | Receiving Incubation Support at Incubation Centre         | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No   | No  | No  |                            |  |         |  |        |  |                         |  |            |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Principal Innovator</b> |  |         |  |        |  |                         |  |            |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Name                       |  | Type    |  | Gender |  | Email                   |  | Contact    |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Manjunath Babu             |  | Faculty |  | Male   |  | manjunatha@drtit.edu.in |  | 9972937855 |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Co-Innovator</b>        |  |         |  |        |  |                         |  |            |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Name                       |  | Type    |  | Gender |  | Email                   |  | Contact    |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Sheresha V                 |  | Student |  | Female |  | -                       |  | -          |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Arbin Taj                  |  | Student |  | Female |  | -                       |  | -          |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Rishi Bhat                 |  | Student |  | Male   |  | -                       |  | -          |  |
|   |  |   |                         |                                      |                                  |   |   |  |   |   | Chitra V                   |  | Student |  | Female |  | -                       |  | -          |  |
| Detection and Alerting Dust, Temperature, Humidity and Hazardous gas to workers using sensors | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No   | No  | No  |                            |  |         |  |        |  |                         |  |            |  |

**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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |
|--|---|--|---|--------------------------------------|--------------------|---|---|--|---|---|
|  | <b>Principal Innovator</b>                                  |  |   |                                      |                    |   |   |  |   |   |
|  | Name  |  | Type  |                                      |                    | Gender  |   | Email  |   | Contact   |
|  | Yuvakeshwar Govind  |  | Faculty   |                                      |                    | Male  |   | govind.yg@gmail.com  |   | 7483768782  |
|  | <b>Co-Innovator</b>   |  |   |                                      |                    |   |   |  |   |   |
|  | Name  |  | Type  |                                      |                    | Gender  |   | Email  |   | Contact   |
|  | Sadashiv B L  |  | Student   |                                      |                    | Male  |   | -  |   | -   |
|  | Ghouse Mohiddin   |  | Student   |                                      |                    | Male  |   | -  |   | -   |
|  | Manikanta   |  | Student   |                                      |                    | Male  |   | -  |   | -   |
|  | Nagaraj   |  | Student   |                                      |                    | Male  |   | -  |   | -   |
|  | Gas Monitoring System for Mine Safety Using Wireless Sensor | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student                  | 2019               | Non-IP / Non-Patented Technology                          | Still Under Development Process                           | TRL 2 : Technology formulation. Concept and application have been formulated.  | No  | No  |
| <b>Principal Innovator</b>   |   |  |   |                                      |                    |   |   |  |   |   |
| Name   |   | Type   |   |                                      | Gender             |   | Email   |  | Contact   |   |
| Paul Prasanna Kumar  |   | Faculty  |   |                                      | Male               |   | paul@drtit.edu.in   |  | 9901841230  |   |
| <b>Co-Innovator</b>  |   |  |   |                                      |                    |   |   |  |   |   |
| Name   |   | Type   |   |                                      | Gender             |   | Email   |  | Contact   |   |
| Akash S Gowda  |   | Student  |   |                                      | Male               |   | -   |  | -   |   |
| Sijith S   |   | Student  |   |                                      | Male               |   | -   |  | -   |   |
| Naveen K   |   | Student  |   |                                      | Male               |   | -   |  | -   |   |
| Raj Kumar R  |   | Student  |   |                                      | Male               |   | -   |  | -   |   |

**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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |  |  |   |                     |        |                                  |                                 |   |            |    |
|--|--|---|-------------------------|--------------------------------------|----------------------------------|---|---|--|---|---|--|--|---|---------------------|--------|----------------------------------|---------------------------------|---|------------|----|
| IoT based Power Line Communication   | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No   | No  | No  |  |  |   |                     |        |                                  |                                 |   |            |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Principal Innovator</b>               |  |   |                     |        |                                  |                                 |   |            |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Name                                     |  | Type  |                     | Gender |                                  | Email                           |   | Contact    |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Paul Prasanna Kumar                      |  | Faculty   |                     | Male   |                                  | paul@drtit.edu.in               |   | 9901841230 |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Co-Innovator</b>                      |  |   |                     |        |                                  |                                 |   |            |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Name                                     |  | Type  |                     | Gender |                                  | Email                           |   | Contact    |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Ranjith L N                              |  | Student   |                     | Male   |                                  | -                               |   | -          |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Kuengachoeden                            |  | Student   |                     | Male   |                                  | -                               |   | -          |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Lalnunsiam Fanai                         |  | Student   |                     | Male   |                                  | -                               |   | -          |    |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Electric Power Generation Using Bi Cycle | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student | 2019   | Non-IP / Non-Patented Technology | Still Under Development Process | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No         | No |
| <b>Principal Innovator</b>   |  |   |                         |                                      |                                  |   |   |  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Name   |  | Type  |                         | Gender                               |                                  | Email   |   | Contact  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Dr. N Lakshmipathy   |  | Faculty   |                         | Male                                 |                                  | hod.eee@drtit.edu.in                                      |   | 8762208659   |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| <b>Co-Innovator</b>  |  |   |                         |                                      |                                  |   |   |  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Name   |  | Type  |                         | Gender                               |                                  | Email   |   | Contact  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Dhanya shree G   |  | Student   |                         | Female                               |                                  | -   |   | -  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Vijayashree M  |  | Student   |                         | Female                               |                                  | -   |   | -  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |
| Yogesh Kumar   |  | Student   |                         | Male                                 |                                  | -   |   | -  |   |   |  |  |   |                     |        |                                  |                                 |   |            |    |

**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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |                            |    |         |  |        |  |                    |  |            |  |
|--|--|---|-------------------------|--------------------------------------|----------------------------------|---|---|--|---|---|----------------------------|----|---------|--|--------|--|--------------------|--|------------|--|
| An IoT Based Smart Inverter  | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No   | No  | No  |                            |    |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Principal Innovator</b> |    |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Name                       |    | Type    |  | Gender |  | Email              |  | Contact    |  |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | Veena B                    |    | Faculty |  | Female |  | veena@drtit.edu.in |  | 9449730950 |  |
|  |  |   |                         |                                      |                                  |   |   |  |   |   | <b>Co-Innovator</b>        |    |         |  |        |  |                    |  |            |  |
| Name   |  | Type  |                         | Gender                               |                                  | Email   |   | Contact  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| R Revathi  |  | Student   |                         | Female                               |                                  | -   |   | -  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| S Swathi   |  | Student   |                         | Female                               |                                  | -   |   | -  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| S Subhashree   |  | Student   |                         | Female                               |                                  | -   |   | -  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| Glacier Monitoring Using Sensor Technique Powered by Renewable Energy Resources  | Dr. TVV Center for Interdisciplinary Innovation and Research | TRL 2 : Technology formulation. Concept and application have been formulated.                   | Faculty and Student     | 2019                                 | IP / Patented Technology         |   | Receiving Incubation Support at Incubation Centre   | TRL 2 : Technology formulation. Concept and application have been formulated.  | No  | No  | No                         |    |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      | Applied for Patent               |   |   |  |   |   |                            | No |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      | Patent Application No            |   |   |  |   |   |                            |    |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      | Year of Patent Application       |   |   |  |   |   |                            |    |         |  |        |  |                    |  |            |  |
|  |  |   |                         |                                      | <b>Principal Innovator</b>       |   |   |  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| Name   |  | Type  |                         | Gender                               |                                  | Email   |   | Contact  |   |   |                            |    |         |  |        |  |                    |  |            |  |
| Sangeetha R  |  | Student   |                         | Female                               |                                  | rsangeetha1996@gmail.com                                  |   | 8105303675   |   |   |                            |    |         |  |        |  |                    |  |            |  |



**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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
|--|--|---|-------------------------|--------------------------------------|--|---|---|--|---|---|---------------------|----------------------------|--|---------------------------------|---|----|----|----|--|--|--|------|--|------|--|--------|--|-------|--|---------|--|----------------------|--|---------|--|--------|--|-------------------------|--|------------|--|---------|--|---------|--|--------|--|---|--|---|--|------------------|--|---------|--|--------|--|---|--|---|--|
| <table border="1"> <thead> <tr> <th colspan="11">Co-Innovator</th> </tr> <tr> <th colspan="2">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">Minushruthi</td> <td colspan="2">Student</td> <td colspan="2">Female</td> <td colspan="2">-</td> <td colspan="2">-</td> </tr> <tr> <td colspan="2">Sridevi</td> <td colspan="2">Faculty</td> <td colspan="2">Female</td> <td colspan="2">-</td> <td colspan="2">-</td> </tr> <tr> <td colspan="2">Misbah Noorain N</td> <td colspan="2">Student</td> <td colspan="2">Female</td> <td colspan="2">-</td> <td colspan="2">-</td> </tr> </tbody> </table> |  |   |                         |                                      |  |   |   |  |   |   | Co-Innovator        |                            |  |                                 |   |    |    |    |  |  |  | Name |  | Type |  | Gender |  | Email |  | Contact |  | Minushruthi          |  | Student |  | Female |  | -                       |  | -          |  | Sridevi |  | Faculty |  | Female |  | - |  | - |  | Misbah Noorain N |  | Student |  | Female |  | - |  | - |  |
| Co-Innovator   |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Name   |  | Type  |                         | Gender                               |  | Email   |   | Contact  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Minushruthi  |  | Student   |                         | Female                               |  | -   |   | -  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Sridevi  |  | Faculty   |                         | Female                               |  | -   |   | -  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Misbah Noorain N   |  | Student   |                         | Female                               |  | -   |   | -  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| IoT based Automatic Control of Sun Tracking Solar Panel for High Power Generation  | Dr. TVV Center for Interdisciplinary Innovation and Research   | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | <table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </tbody> </table> | IP / Patented Technology                                  |   | Applied for Patent   | No  | Patent Application No   |                     | Year of Patent Application |  | Still Under Development Process | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No | No | No |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| IP / Patented Technology   |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Applied for Patent   | No   |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Patent Application No  |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Year of Patent Application   |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| <table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="2">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">Ruckmini Divakaran</td> <td colspan="2">Faculty</td> <td colspan="2">Female</td> <td colspan="2">dean@drttit.edu.in</td> <td colspan="2">9880253460</td> </tr> </tbody> </table>  |  |   |                         |                                      |  |   |   |  |   |   | Principal Innovator |                            |  |                                 |   |    |    |    |  |  |  | Name |  | Type |  | Gender |  | Email |  | Contact |  | Ruckmini Divakaran   |  | Faculty |  | Female |  | dean@drttit.edu.in      |  | 9880253460 |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Principal Innovator  |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Name   |  | Type  |                         | Gender                               |  | Email   |   | Contact  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Ruckmini Divakaran   |  | Faculty   |                         | Female                               |  | dean@drttit.edu.in  |   | 9880253460   |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Ecofriendly and Self-powering for IoT devices Using Piezoelectric Energy   | Dr. TVV Center for Interdisciplinary Innovation and Research   | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student     | 2019                                 | Non-IP / Non-Patented Technology   | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No   | No  |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| No   | <table border="1"> <thead> <tr> <th colspan="11">Principal Innovator</th> </tr> <tr> <th colspan="2">Name</th> <th colspan="2">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="2">Rajesh Kumar Kaushal</td> <td colspan="2">Faculty</td> <td colspan="2">Male</td> <td colspan="2">saisushanth46@gmail.com</td> <td colspan="2">6360592932</td> </tr> </tbody> </table> |   |                         |                                      |  |   |   |  |   |   | Principal Innovator |                            |  |                                 |   |    |    |    |  |  |  | Name |  | Type |  | Gender |  | Email |  | Contact |  | Rajesh Kumar Kaushal |  | Faculty |  | Male   |  | saisushanth46@gmail.com |  | 6360592932 |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Principal Innovator  |  |   |                         |                                      |  |   |   |  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Name   |  | Type  |                         | Gender                               |  | Email   |   | Contact  |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |
| Rajesh Kumar Kaushal   |  | Faculty   |                         | Male                                 |  | saisushanth46@gmail.com                                   |   | 6360592932   |   |   |                     |                            |  |                                 |   |    |    |    |  |  |  |      |  |      |  |        |  |       |  |         |  |                      |  |         |  |        |  |                         |  |            |  |         |  |         |  |        |  |   |  |   |  |                  |  |         |  |        |  |   |  |   |  |

**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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |                            |  |   |   |    |    |    |
|--|---|---------------------------------|-------------------------|--|--------------------------|---|---|--|---|---|----------------------------|--|---|---|----|----|----|
| <b>Co-Innovator</b>  |   |                                 |                         |  |                          |   |   |  |   | Heart Disease Prediction Using Machine Learning Based Intelligent System  |                            |  |   |   |    |    |    |
| Name   |   | Type                            |                         | Gender   |                          | Email   |   | Contact  |   |   |                            |  |   |   |    |    |    |
| Sai Sushanth   |   | Student                         |                         | Male   |                          | -   |   | -  |   |   |                            |  |   |   |    |    |    |
| Dr. TVV Center for Interdisciplinary Innovation and Research                     | TRL 2 : Technology formulation. Concept and application have been formulated. | Faculty and Student             | 2019                    | <table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table> | IP / Patented Technology |   | Applied for Patent  | No   | Patent Application No   |   | Year of Patent Application |  | Receiving Incubation Support at Incubation Centre | TRL 2 : Technology formulation. Concept and application have been formulated. | No | No | No |
| IP / Patented Technology   |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |
| Applied for Patent   | No  |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |
| Patent Application No  |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |
| Year of Patent Application   |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |
| <b>Principal Innovator</b>   |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |
| Name   |   | Type                            |                         | Gender   |                          | Email   |   | Contact  |   |   |                            |  |   |   |    |    |    |
| Sashi Kiran S  |   | Faculty                         |                         | Male   |                          | shar21298@gmail.com                                       |   | 6363054083   |   |   |                            |  |   |   |    |    |    |
| <b>Co-Innovator</b>  |   |                                 |                         |  |                          |   |   |  |   | Automatic Motion Sensing Toll using IoT image Processing  |                            |  |   |   |    |    |    |
| Name   |   | Type                            |                         | Gender   |                          | Email   |   | Contact  |   |   |                            |  |   |   |    |    |    |
| Shalini R  |   | Student                         |                         | Female   |                          | -   |   | -  |   |   |                            |  |   |   |    |    |    |

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

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|--|---|---------------------------------|-------------------------|--|--------------------------|---|---|--|---|---|----------------------------|--|---|---|----|----|----|--|
| Center of Advanced Research in Data sciences and Analytics                       | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty and Student             | 2019                    | <table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table> | IP / Patented Technology |   | Applied for Patent  | No   | Patent Application No   |   | Year of Patent Application |  | Receiving Incubation Support at Incubation Centre | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | No | No | No |  |
| IP / Patented Technology   |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |  |
| Applied for Patent   | No  |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |  |
| Patent Application No  |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |  |
| Year of Patent Application   |   |                                 |                         |  |                          |   |   |  |   |   |                            |  |   |   |    |    |    |  |

**Principal Innovator**

| Name              | Type    | Gender | Email                       | Contact    |
|-------------------|---------|--------|-----------------------------|------------|
| Manjunath Singh H | Faculty | Male   | manjunathsingh@drtit.edu.in | 9611785696 |

**Co-Innovator**

| Name            | Type    | Gender | Email | Contact |
|-----------------|---------|--------|-------|---------|
| Hemadarshini V  | Student | Female | -     | -       |
| Lakshmi Priya A | Student | Female | -     | -       |
| Pavithra S      | Student | Female | -     | -       |
| Pradeep S       | Student | Female | -     | -       |

Developing Sustainable High Precision Agriculture Using Machine Learning and IoT applications

### 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 / Innovations Development during the financial period 2018-19 | Had the Idea/Prototype/Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19? |                            |        |                                 |   |                |         |      |                     |            |
|--|---|---------------------------------|-------------------------|--|--------------------------|---|---|--|---|---|----------------------------|--------|---------------------------------|---|----------------|---------|------|---------------------|------------|
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| IP / Patented Technology   |   |                                 |                         |  |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |
| Applied for Patent   | No  |                                 |                         |  |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |
| Patent Application No  |   |                                 |                         |  |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |
| Year of Patent Application   |   |                                 |                         |  |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |
| <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>Dr. Charan K V</td> <td>Faculty</td> <td>Male</td> <td>charan@drtit.edu.in</td> <td>9147420383</td> </tr> </tbody> </table> |   |                                 |                         |  |                          |   |   |  |   | Name  | Type                       | Gender | Email                           | Contact   | Dr. Charan K V | Faculty | Male | charan@drtit.edu.in | 9147420383 |
| Name   | Type  | Gender                          | Email                   | Contact  |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |
| Dr. Charan K V   | Faculty   | Male                            | charan@drtit.edu.in     | 9147420383   |                          |   |   |  |   |   |                            |        |                                 |   |                |         |      |                     |            |

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

**No Data Filled!**

### Co-Incubation Partnership

**No Data Filled!**

### Technology Commercialization / Transfer

**No Data Filled!**

## Declaration

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

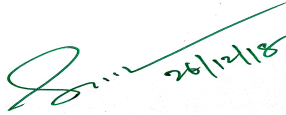
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. SYED ARIFF (Head of Institute) and Mr. SYED THOUHEED AHMED (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

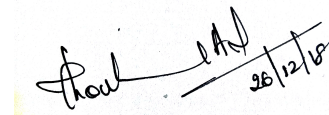
The Head of Institute



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Dr. SYED ARIFF  
Head of the Institution,  
DR T THIMMAIAH INSTITUTE OF TECHNOLOGY,  
Kolar Gold Fields, Karnataka

Nodal officer



---

Mr. SYED THOUHEED AHMED  
Nodal Officer,  
DR T THIMMAIAH INSTITUTE OF TECHNOLOGY,  
Kolar Gold Fields, Karnataka