



# 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: ILEAD INSTITUTE OF LEADERSHIP ENTREPRENEURSHIP AND DEVELOPMENT 289 [ARI-C-46452]

### 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) |
|---------------------------------------|---------------|-------------------|-------------------------|--|---------------------|---------------------|---------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|
| SKILL DEVELOPMENT (EDITOR)            | Innovation    | SKILL DEVELOPMENT | Institute Lead Activity | SKILL DIVISION                                     | 25-05-2019 00:00:00 | 31-08-2019 00:00:00 | 99                        | Within Campus    | 30                              | 4                               | 0                               | 0                               | 34                           | Yes   | 840000   |
| SKILL DEVELOPMENT (ANIMATOR)          | Innovation    | SKILL DEVELOPMENT | Institute Lead Activity | SKILL DIVISION                                     | 03-06-2019 00:00:00 | 09-09-2019 00:00:00 | 99                        | Within Campus    | 30                              | 4                               | 0                               | 0                               | 34                           | Yes   | 905000   |
| SKILL DEVELOPMENT (BAKING TECHNICIAN) | Innovation    | SKILL DEVELOPMENT | Institute Lead Activity | SKILL DIVISION                                     | 31-08-2018 00:00:00 | 06-12-2018 00:00:00 | 98                        | Within Campus    | 30                              | 4                               | 0                               | 0                               | 34                           | Yes   | 930000   |
| INSPIRE Science Workshop              | Innovation    | Workshop          | Institute Lead Activity | Skill Division                                     | 05-07-2019 00:00:00 | 09-07-2019 00:00:00 | 5                         | Within Campus    | 10                              | 5                               | 150                             | 12                              | 177                          | Yes   | 975000   |
| INSPIRE Science Workshop              | Innovation    | Workshop          | Institute Lead Activity | Skill Division                                     | 23-07-2018 00:00:00 | 27-07-2018 00:00:00 | 5                         | Within Campus    | 0                               | 4                               | 170                             | 13                              | 187                          | Yes   | 975000   |

### 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) |
|-----------------------------|---------------|--------------|------------------------------------|------------------------|--------------------|------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|
|-----------------------------|---------------|--------------|------------------------------------|------------------------|--------------------|------------------|---------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|---|



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

|                      |                               |      |   |                         |                          |              |  |         |    |
|----------------------|-------------------------------|------|---|-------------------------|--------------------------|--------------|--|---------|----|
| ILEAD SKILL DIVISION | Research Park/Innovation Park | 2018 | 113 MATHESHWARTOLA ROAD, TOPSIA, KOLKATA 700046 | Facility Incharge Name  | DR. U.K. NEOGI           | 1500 Sq. Ft. | Yes  |         | No |
|                      |                               |      |   | Facility Incharge Email | ilead.research@gmail.com |              | Annual Capital Expenditure (In Rupees)     | 2500000 |    |
|                      |                               |      |   | Facility Incharge Phone | 9073380167               |              | Annual Operational Expenditure (In Rupees) | 9000000 |    |

### 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) |
|----------------------|---------------------------------|-------------|-------------|--|---|
| ILEAD SKILL DIVISION | 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? |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
|---|----------------------|---|--------------------------|--------------------------------------|----------------------------------|---|---|--|---|---|---------------------|----|----|--|--|------|------|--------|-------|---------|-------------|---------|--------|--------------------------|------------|
| Management of experimentally induced in vivo diabetes mellitus with herbal formulation.   | ILEAD SKILL DIVISION | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | Faculty                  | 2018                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | <table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>200000</td> </tr> </table>                | Yes   | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  | 200000              | No | No |  |  |      |      |        |       |         |             |         |        |                          |            |
| Yes   |                      |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
| Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  |                      |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
| 200000  |                      |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
| <table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Parijat Das</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table> |                      |   |                          |                                      |                                  |   |   |  |   |   | Principal Innovator |    |    |  |  | Name | Type | Gender | Email | Contact | Parijat Das | Faculty | Female | ilead.research@gmail.com | 9073982899 |
| Principal Innovator   |                      |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
| Name  | Type                 | Gender  | Email                    | Contact                              |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |
| Parijat Das   | Faculty              | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |             |         |        |                          |            |

**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="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Soumi De</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table>           |   |                          |                                      |                                  |   |   |  |   |   | Co-Innovator        |    |    |  |  | Name | Type | Gender | Email | Contact | Soumi De     | Faculty | Female | ilead.research@gmail.com | 9073982899 |
| Co-Innovator   |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Name   | Type  | Gender  | Email                    | Contact                              |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Soumi De   | Faculty   | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Use of Cationic Guar Gum for treatment of polluted Ganga water   | ILEAD SKILL DIVISION  | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty                  | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | <table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>1000000</td> </tr> </table>               | Yes   | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  | 1000000             | No | No |  |  |      |      |        |       |         |              |         |        |                          |            |
| Yes  |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| 1000000  |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
|  | <table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Parijat Das</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table> |   |                          |                                      |                                  |   |   |  |   |   | Principal Innovator |    |    |  |  | Name | Type | Gender | Email | Contact | Parijat Das  | Faculty | Female | ilead.research@gmail.com | 9073982899 |
| Principal Innovator  |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Name   | Type  | Gender  | Email                    | Contact                              |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Parijat Das  | Faculty   | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
|  | <table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shreya Ghosh</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table>       |   |                          |                                      |                                  |   |   |  |   |   | Co-Innovator        |    |    |  |  | Name | Type | Gender | Email | Contact | Shreya Ghosh | Faculty | Female | ilead.research@gmail.com | 9073982899 |
| Co-Innovator   |   |   |                          |                                      |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Name   | Type  | Gender  | Email                    | Contact                              |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |
| Shreya Ghosh   | Faculty   | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |  |   |   |                     |    |    |  |  |      |      |        |       |         |              |         |        |                          |            |

**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? |      |        |       |         |          |         |        |                          |            |
|--|----------------------|---|--------------------------|--------------------------------------|----------------------------------|---|---|---|---|---|------|--------|-------|---------|----------|---------|--------|--------------------------|------------|
| Recycling of Styrofoam into light weight usable bricks   | ILEAD SKILL DIVISION | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty                  | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Yes   | No  | No  |      |        |       |         |          |         |        |                          |            |
|  |                      |   |                          |                                      |                                  |   |   | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  |   |   |      |        |       |         |          |         |        |                          |            |
|  |                      |   |                          |                                      |                                  |   |   | 200000  |   |   |      |        |       |         |          |         |        |                          |            |
|  |                      |   |                          |                                      |                                  |   |   | <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. Shreya Ghosh</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table> |   |   |      |        |       |         |          |         |        | Name                     | Type       |
| Name   | Type                 | Gender  | Email                    | Contact                              |                                  |   |   |   |   |   |      |        |       |         |          |         |        |                          |            |
| Dr. Shreya Ghosh   | Faculty              | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |   |   |   |      |        |       |         |          |         |        |                          |            |
| <b>Co-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>Soumi De</td> <td>Faculty</td> <td>Female</td> <td>ilead.research@gmail.com</td> <td>9073982899</td> </tr> </tbody> </table> |                      |   |                          |                                      |                                  |   |   |   |   | Name  | Type | Gender | Email | Contact | Soumi De | Faculty | Female | ilead.research@gmail.com | 9073982899 |
| Name   | Type                 | Gender  | Email                    | Contact                              |                                  |   |   |   |   |   |      |        |       |         |          |         |        |                          |            |
| Soumi De   | Faculty              | Female  | ilead.research@gmail.com | 9073982899                           |                                  |   |   |   |   |   |      |        |       |         |          |         |        |                          |            |
| Smart Precast technology, catering to the needs of Affordable Housing  | ILEAD SKILL DIVISION | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Faculty                  | 2019                                 | Non-IP / Non-Patented Technology | Still Under Development Process                           | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | Yes   | No  | No  |      |        |       |         |          |         |        |                          |            |
|  |                      |   |                          |                                      |                                  |   |   | Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  |   |   |      |        |       |         |          |         |        |                          |            |
|  |                      |   |                          |                                      |                                  |   |   | 250000  |   |   |      |        |       |         |          |         |        |                          |            |

## 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   |   |
| Soumi De   |                |                                 | Faculty                 |                                      | Female             |   | ilead.research@gmail.com                                  |  | 9072982899  |   |
| <b>Co-Innovator</b>  |                |                                 |                         |                                      |                    |   |   |  |   |   |
| Name   |                |                                 | Type                    |                                      | Gender             |   | Email   |  | Contact   |   |
| Parijat Das  |                |                                 | Faculty                 |                                      | Female             |   | ilead.research@gmail.com                                  |  | 9072982899  |   |

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

**No Data Filled!**

## 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 Extended to Other Institute | PS Group                   | Pre-incubation,Mentoring | 2  | 01-04-2019                        |
| Incubation Services/Support Extended to Other Institute | Hi Tech Animation          | Pre-incubation           | 1  | 03-01-2019                        |

## Technology Commercialization / Transfer

**No Data Filled!**

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