



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: BENGAL INSTITUTE OF TECHNOLOGY [ARI-C-6294]

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

| Srno | Department / Center / Unit Name | Type of Department / Center / Unit    | Mention the Stream / Discipline / Sector of focus | Department / Center / Unit Level | Program Type | Student / Beneficiary Strength (2019-20) | Academic Staff Strength (2019-20) | Non-academic Staff Strength (2019-20) |
|------|---------------------------------|---------------------------------------|---|----------------------------------|--------------|--|-----------------------------------|---------------------------------------|
| 1    | B.Tech                          | Academic Department with lab facility | Computer Science & Engineering                    | UG / PG / PhD                    | Technical    | 320                                      | 16                                | 3                                     |
| 2    | B.Tech                          | Academic Department with lab facility | Information Technology                            | UG / PG / PhD                    | Technical    | 220                                      | 10                                | 1                                     |
| 3    | B.Tech                          | Academic Department with lab facility | Electronics & Communication Engineering           | UG / PG / PhD                    | Technical    | 180                                      | 9                                 | 2                                     |
| 4    | B.Tech                          | Academic Department with lab facility | Bio-Technology                                    | UG / PG / PhD                    | Technical    | 100                                      | 5                                 | 1                                     |
| 5    | B.Tech                          | Industry Institute Interface Unit     | Training & Placement                              | Not Allowed                      | Both         | 0  | 0                                 | 2                                     |

### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

| Programs/Initiatives   | Status | Registration ID                   |
|--|--------|-----------------------------------|
| Adopted National Innovation and Start-up Policy at the HEI   | Yes    | Not Required                      |
| Establishment of Institution's Innovation Council (IIC) at HEI   | YES    | IIC Registration ID : IC201912466 |
| Trained Innovation Ambassadors at HEI  | YES    | Not Required                      |
| Participation in Smart India Hackathon (SIH)   | Yes    | Not Required                      |
| Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC | Yes    | Not Required                      |
| Participation in National Education Alliance of Technology (NEAT)  | Yes    | Not Required                      |

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

| Srno | Name of Program (Full Name) | Program Theme | Program Type | Program Category | Organizing Department / Centre / Student Body Name | Program Start Date | Program End Date | Program Duration (in Days) | Program Location | Internal Participants (Student) | Internal Participants (Faculty) | External Participants (Student) | External Participants (Faculty) | Total Number of Participants | Had institute spent expenses either from own resource/received fund to organise the program/activity/event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research? |
|------|-----------------------------|---------------|--------------|------------------|--|--------------------|------------------|----------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|
|------|-----------------------------|---------------|--------------|------------------|--|--------------------|------------------|----------------------------|------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|---|--|

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

|   |               |                                      |           |                         |                     |                     |                     |   |               |     |    |   |   |     |  |       |  |                           |  |
|---|---------------|--------------------------------------|-----------|-------------------------|---------------------|---------------------|---------------------|---|---------------|-----|----|---|---|-----|--|-------|--|---------------------------|--|
| 1 | BIT Hackathon | Entrepreneurship/Startup, Innovation | Hackathon | Institute Lead Activity | BIT Innovation Cell | 05-02-2020 00:00:00 | 06-02-2020 00:00:00 | 2 | Within Campus | 135 | 20 | 0 | 3 | 158 | Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) | 30000 | Award / Position / Recognition Secured                         | Appreciation              |  |
|   |               |                                      |           |                         |                     |                     |                     |   |               |     |    |   |   |     |  |       | Title of Innovation / Start-up Secured the Award / Recognition | Best Prototype Design     |  |
|   |               |                                      |           |                         |                     |                     |                     |   |               |     |    |   |   |     |  |       | Award/Recognition/Achievement Received for                     | Idea/Innovation/Prototype |  |

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

| Srno   | Name of Program (Full Name) | Program Theme            | Program Type | Organizing Agency / Institute Name | Organizing Agency Type | Program Start Date  | Program End Date    | Program Duration (in Days) | Participants (Students) | Participants (Faculty) | Total Number of Participants | Awards/Recognitions/Achievements | Award / Position / Recognition Secured | Title of Innovation / Start-up Secured the Award / Recognition | Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event? | Did any of the participants received any awards/recognition for startup / innovation ideas / research  |  |          |  |            |  |                        |
|--|-----------------------------|--------------------------|--------------|------------------------------------|------------------------|---------------------|---------------------|----------------------------|-------------------------|------------------------|------------------------------|----------------------------------|--|--|---|--|--|----------|--|------------|--|------------------------|
| 1  | Smart India Hackathon       | Entrepreneurship/Startup | Hackathon    | Ministry of education              | Govt. Agency (Central) | 08-07-2019 00:00:00 | 12-07-2019 00:00:00 | 5                          | 50                      | 10                     | 60                           | Yes                              | Finalist                               | Innovation   | No  | <table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Innovation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Business Model/Startup</td> </tr> </table> | Award / Position / Recognition Secured | Finalist | Title of Innovation / Start-up Secured the Award / Recognition | Innovation | Award/Recognition/Achievement Received for | Business Model/Startup |
| Award / Position / Recognition Secured                         | Finalist                    |                          |              |                                    |                        |                     |                     |                            |                         |                        |                              |                                  |  |  |   |  |  |          |  |            |  |                        |
| Title of Innovation / Start-up Secured the Award / Recognition | Innovation                  |                          |              |                                    |                        |                     |                     |                            |                         |                        |                              |                                  |  |  |   |  |  |          |  |            |  |                        |
| Award/Recognition/Achievement Received for                     | Business Model/Startup      |                          |              |                                    |                        |                     |                     |                            |                         |                        |                              |                                  |  |  |   |  |  |          |  |            |  |                        |

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

No Data Filled!

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

No Data Filled!

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

| Srno | Faculty Name          | Department/Centre/Unit Name               | Designation                | Do you have a degree in I&E & IPR? | Had the faculty received training on I&E & IPR during AY 2019-20 |                            |                          |                                    |                         |
|------|-----------------------|---|----------------------------|------------------------------------|--|----------------------------|--------------------------|------------------------------------|-------------------------|
| 1    | SHOVON NANDI          | Electronics and Communication Engineering | Assistant Professor        | No                                 | Yes  |                            |                          |                                    |                         |
|      | <b>Training Name</b>  | <b>Training Theme</b>                     | <b>Type of Course</b>      | <b>Training Agency Name</b>        | <b>Training Agency Type</b>                                      | <b>Training Start Date</b> | <b>Training End Date</b> | <b>Training Duration (in Days)</b> | <b>Mode of Delivery</b> |
|      | Innovation Ambassador | IPR                                       | Short term Certificate     | Ministry of Education              | Govt. Agency (Central)   | 06-03-2021 00:00:00        | 07-03-2021 00:00:00      | 2                                  | Offline                 |
| 2    | Rajesh Roy            | Basic Science                             | Senior Technical Assistant | No                                 | Yes  |                            |                          |                                    |                         |
|      | <b>Training Name</b>  | <b>Training Theme</b>                     | <b>Type of Course</b>      | <b>Training Agency Name</b>        | <b>Training Agency Type</b>                                      | <b>Training Start Date</b> | <b>Training End Date</b> | <b>Training Duration (in Days)</b> | <b>Mode of Delivery</b> |
|      | Innovation Ambassador | IPR                                       | Short term Certificate     | Ministry of Education              | Govt. Agency (Central)   | 06-03-2021 00:00:00        | 07-03-2021 00:00:00      | 2                                  | Offline                 |

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

No Data Filled!

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

**No Data Filled!**

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

**No Data Filled!**

**Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

**No Data Filled!**

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

**No Data Filled!**

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

**No Data Filled!**

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

**No Data Filled!**

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

**No Data Filled!**

## Declaration

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

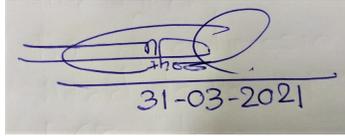
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Narayan Chandra Ghosh (Head of Institute) and Mr. Sandipan Sahu (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

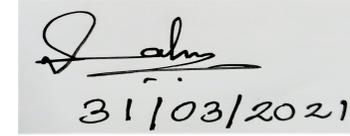


31-03-2021

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Dr. Narayan Chandra Ghosh  
Head of the Institution,  
Kolkata, West Bengal

Nodal officer



31/03/2021

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Mr. Sandipan Sahu  
Nodal Officer,  
Kolkata, West Bengal