



# 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: Assam Don Bosco University [ARI-U-0049]

### 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)
Assam Don Bosco University	337432169.54	337432169.54	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	337432169.54	337432169.54	

**Institute Type : University & Deemed to be University (Private/Self Financed)**

**Total Student Base ( Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2533**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 172**

### 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)
National Workshop on Research Publications and Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Institution Innovation Council	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	97	21	4	0	122	Yes	23650
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Entrepreneurship Development and Incubation Centre	25-09-2018 00:00:00	27-09-2018 00:00:00	3	Within Campus	57	13	0	0	70	Yes	22000

### 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/rec	Total Expense Amount Incurred by Institute? (In Rupees)
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**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**

														Received fund towards sending delegation to participate/represent the program/activity/event?	
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Assam Don Bosco University and Entrepreneurship Development Institute of India	Govt. Agency (Central)	25-09-2018 00:00:00	27-09-2018 00:00:00	3	57	13	70	No	---	---	Yes	22000

**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
Mini-Project	Innovation	Full time Program	Credit Course (Compulsory)	11-07-2018 00:00:00	16-11-2018 00:00:00	129	Offline	400	400	39
Major Project	Innovation	Elective/Core Credit Course	Bachelor	11-07-2018 00:00:00	17-05-2019 00:00:00	311	Offline	464	464	80
E-commerce and Data Security	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Master	11-07-2018 00:00:00	16-11-2018 00:00:00	129	Offline	45	45	52
Android Application Development Fundamentals	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	11-07-2018 00:00:00	16-11-2018 00:00:00	129	Offline	10	10	50
Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	17-01-2019 00:00:00	17-05-2019 00:00:00	121	Offline	25	25	36
Energy Audit and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	17-01-2019 00:00:00	17-05-2019 00:00:00	121	Offline	27	27	42
Computer Aided Design and Manufacturing	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	17-01-2019 00:00:00	17-05-2019 00:00:00	121	Offline	60	60	50
Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	17-01-2019 00:00:00	17-05-2019 00:00:00	121	Offline	63	63	36
Financial Planning and Investment	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	11-07-2018 00:00:00	16-11-2018 00:00:00	129	Offline	37	37	35
Project Management Reporting and Documentation	Entrepreneurship/Startup	Elective/Core Credit Course	Master	17-01-2019 00:00:00	22-05-2019 00:00:00	126	Offline	43	43	45
Leadership and Social Responsibility	Entrepreneurship/Startup	Elective/Core Credit Course	Master	23-07-2018 00:00:00	23-11-2018 00:00:00	124	Offline	39	39	45
Mini Project	Innovation	Elective/Core Credit Course	Bachelor	17-01-2019 00:00:00	17-05-2019 00:00:00	121	Offline	400	400	42
Android Application Development fundamentals	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	11-07-2018 00:00:00	16-11-2018 00:00:00	129	Offline	29	29	40
Advances in Biotechnology	IPR	Elective/Core Credit Course	Master	17-01-2019 00:00:00	22-05-2019 00:00:00	126	Offline	15	15	35

Advances in Biochemistry	IPR	Elective/Core Credit Course	Master	17-01-2019 00:00:00	22-05-2019 00:00:00	126	Offline	2	2	35
Advances in Microbiology	IPR	Elective/Core Credit Course	Master	17-01-2019 00:00:00	22-05-2019 00:00:00	126	Offline	21	21	35

### 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?			
				Facility Incharge Name	Facility Incharge Email		Facility Incharge Phone	Yes	No	Yes	No	
Entrepreneurship Development and Incubation Centre	Pre-Incubation Centre	2013	Assam Don Bosco University, Airport Road, Azara, Guwahati - 781017, Assam	Facility Incharge Name	Dr. Rashmita Barua	144 Sq. Ft.	No	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		0
				Facility Incharge Email	rashmita.barua@dbuniversity.ac.in			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		0		
				Facility Incharge Phone	9706092772			Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		0		
Center of Excellence in Nanotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2017	ASSAM DON BOSCO UNIVERSITY, AZARA CAMPUS	Facility Incharge Name	Prof Sunanda n Baruah	80 Sq. Mtr.	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		0	
				Facility Incharge Email	sunandan.baruah@dbuniversity.ac.in		Annual Capital Expenditure (In Rupees)		500000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		0
				Facility Incharge Phone	9435748947		Annual Operational Expenditure (In Rupees)		300000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		0
ARTIFICIAL INTELLIGENCE LAB	Pre-Incubation Centre	2015	ASSAM DON BOSCO UNIVERSITY, AZARA CAMPUS	Facility Incharge Name	Dr. Pranab Das	1441 Sq. Ft.	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)		0	
				Facility Incharge Email	pranab.das@dbuniversity.ac.in		Annual Capital Expenditure (In Rupees)		500000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		0
				Facility Incharge Phone	9678621284		Annual Operational Expenditure (In Rupees)		200000	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

MICRO CONTROLLER LAB	Pre-Incubation Centre	2014	ASSAM DON BOSCO UNIVERSITY, AZARA CAMPUS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Pranab Das</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pranab.das@dbuniversity.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9678621284</td> </tr> </table>	Facility Incharge Name	Dr. Pranab Das	Facility Incharge Email	pranab.das@dbuniversity.ac.in	Facility Incharge Phone	9678621284	903 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>300000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>100000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	300000	Annual Operational Expenditure (In Rupees)	100000	No
Facility Incharge Name	Dr. Pranab Das																		
Facility Incharge Email	pranab.das@dbuniversity.ac.in																		
Facility Incharge Phone	9678621284																		
Yes																			
Annual Capital Expenditure (In Rupees)	300000																		
Annual Operational Expenditure (In Rupees)	100000																		
Workshop	Incubation Unit	2008	ASSAM DON BOSCO UNIVERSITY, AZARA CAMPUS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vikramjit Kakati</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vikramjit.kakati@dbuniversity.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7896267739</td> </tr> </table>	Facility Incharge Name	Dr. Vikramjit Kakati	Facility Incharge Email	vikramjit.kakati@dbuniversity.ac.in	Facility Incharge Phone	7896267739	242 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>700000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>300000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	700000	Annual Operational Expenditure (In Rupees)	300000	No
Facility Incharge Name	Dr. Vikramjit Kakati																		
Facility Incharge Email	vikramjit.kakati@dbuniversity.ac.in																		
Facility Incharge Phone	7896267739																		
Yes																			
Annual Capital Expenditure (In Rupees)	700000																		
Annual Operational Expenditure (In Rupees)	300000																		

### 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)
Entrepreneurship Development and Incubation Centre	Funding Agency	EDII, Ahmedabad and DST, Govt. of India	Govt. Agency (Central)	Yes	22000

### 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?
Cow Dung Battery	Entrepreneurship Development and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	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
Rishav Saha Choudhury				Student		Male		rishavsahachoudhury@gmail.com		8403961380
<b>Co-Innovator</b>										
Name				Type		Gender		Email		Contact
Bikramjit Goswami				Faculty		Male		bikramjit.goswami@dbuniversity.ac.in		7896938893

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?	
Globinno Engineering Solutions LLP	Center of Excellence in Nanotechnology	2017-18	Limited Liability Partnership	LLPINAAM0435	Faculty	Non-IP / Non-Patented Technology	Graduated from Incubation Unit/Centre	No	No	No	No	
<b>Founder</b>												
Name				DIN Number		Type		Gender		Email		Contact
Prof Sunandan Baruah				07547486		Faculty		Male		sunandan.baruah@dbuniversity.ac.in		9435748947

## 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	Assam Science Technology and Environment Council	Incubation, Mentoring, Networking, Investment, Seed fund	18	24-04-2019

## Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)																		
Nanotechnology based Solar powered water purifier	Non-IP/Non-Patented Technology	One-time transfer/Licensing	Nil	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Prof Sunandan Baruah</td> </tr> <tr> <td>Contact number of license holder</td> <td>9435748947</td> </tr> <tr> <td>Email of Licence holder</td> <td>sunandan.baruah@dbuniversity.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Prof Sunandan Baruah	Contact number of license holder	9435748947	Email of Licence holder	sunandan.baruah@dbuniversity.ac.in	Gender	Male	Centre of Excellence in Nanotechnology	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Start-up</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Globinno Engineering Solutions LLP</td> </tr> <tr> <td>Address of Agency</td> <td>Prince Enclave MT Road Zoo Road Tiniali Guwahati 781021</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8638036089</td> </tr> <tr> <td>Email of Agency</td> <td>globinno.esolutions@gmail.com</td> </tr> </table>	Licence Transferred to	Start-up	Name of Industry/Start-up/Agency Received License/Technology	Globinno Engineering Solutions LLP	Address of Agency	Prince Enclave MT Road Zoo Road Tiniali Guwahati 781021	Contact Number of Agency	8638036089	Email of Agency	globinno.esolutions@gmail.com	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	Prof Sunandan Baruah																									
Contact number of license holder	9435748947																									
Email of Licence holder	sunandan.baruah@dbuniversity.ac.in																									
Gender	Male																									
Licence Transferred to	Start-up																									
Name of Industry/Start-up/Agency Received License/Technology	Globinno Engineering Solutions LLP																									
Address of Agency	Prince Enclave MT Road Zoo Road Tiniali Guwahati 781021																									
Contact Number of Agency	8638036089																									
Email of Agency	globinno.esolutions@gmail.com																									

## 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. Stephen Mavelly (Head of Institute) and Dr. Nissi Paul S. (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

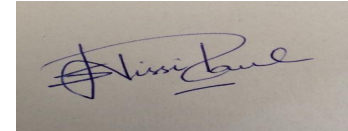
The Head of Institute



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Dr. Stephen Mavelly  
Head of the Institution,  
Assam Don Bosco University,  
Sonapur, Assam

Nodal officer



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Dr. Nissi Paul S.  
Nodal Officer,  
Assam Don Bosco University,  
Sonapur, Assam

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