

Assam Don Bosco University

Start-up Policy

"Entrepreneurship Development and Incubation Cell"



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Introduction

The Entrepreneurship Development and Incubation Centre (EDIC) came into existence resulting in the dire requirement of entrepreneurs in the North-Eastern Region, where entrepreneurial activities have been slow and sluggish. The EDIC started with a focus on encouraging budding engineers to take up technology-based projects and bring them at par and above with other technologies available in the present market.

Objectives of Entrepreneurship Development and Incubation Cell (EDIC):

The Entrepreneurship Development and Incubation Centre aims at encouraging entrepreneurial aspirants to come up with innovative ideas and help them through all possible ways to channelize their efforts to give birth to new ventures or business units.

The objectives are:

- The Centre concentrates on creating awareness through familiarizing students, faculties and aspirants with all the facets of entrepreneurship.
- EDIC constantly strives to encourage students as well as faculties to generate ideas which can be materialized into viable commercial projects.
- The Centre ensures that the aspirants receive all the much needed support for research and development to develop a basic prototype of their idea using all the resources available with the institute.
- EDIC provides proper guidance and mentoring for developing the prototype into finished products.
- The EDIC also takes care of financial/marketing linkages and monitoring the operational functions of the start-ups.

Thrust Areas:

- Technology-related Products and Services-
 - Information Technology
 - Nanotechnology
 - Electrical
 - Electronics
 - Civil Engineering
 - Industrial/Mechanical Engineering

- Low Carbon Emission Projects
 - Solar powered garbage collector
 - Innovative transportation for rural sector
 - Drone Maintenance
- Social Entrepreneurship
 - Animal husbandry
 - Horticulture

Activities Envisaged:

- **Awareness and Exposure**
 - To facilitate idea generation and impart knowledge on business development and its implementation, EDIC conducts various interactive sessions for the aspiring entrepreneurs with those who are already successful and have expertise in their respective fields.
 - To periodically organize workshops, seminars and talks by entrepreneurs and people from diverse backgrounds.
 - To provide mentorship and guidance from various industry experts as well as in-house experts for converting ideas to business plans to Start-Ups and Successful Business Ventures.
- **Support and Assistance-**
 - Infrastructure Support would also be provided for Research and Development for prototype development.
 - Guidance and Support to acquire seed capital or venture capital.
 - Networking with other entrepreneurial institutions for the much needed assistance, support and advice.
 - Arranging various field visits to various existing entrepreneurial ventures to give the students a first-hand exposure through real-world projects with start-ups.
 - A temporary working space would also be provided with basic amenities.

- **Infrastructure Availability for incubation:**

- The institution has 5 fully functional departments with 53 fully equipped labs/workshops as per the AICTE norms, which are at the disposal of the incubates for their research and development activities, prototype development and validation of finished products.
- The library of the institution is also available for the incubates to leverage the wide range of national and international journals, e-journals, e-resources, books and periodicals.

- **Linkage with industries and venture finance**

- Constant exposure and guidance is being provided to the incubatees for familiarizing them with the present support system available in the market for availing finance, sourcing raw materials, consultancy and other escort services. Therefore, industrial visits have become a regular practice for familiarizing the Business start up entrepreneurs with the present market condition. Prominent Entrepreneurs/Industry Experts of the region are invited in the process. The incubatees are also exposed to various sources of venture capital and methods/means of acquiring seed money.
- The college has also signed a Memorandum of Understanding (MoU) with Micro, Small and Medium Enterprises (MSME), Govt. of India, New-Delhi for setting a Business Incubator in DBCET. The agreement would allow the college and Business start up entrepreneurs to apply various projects for getting the seed money. The college would be granted Rs. 62.5 lakhs for 10 project ideas amounting to Rs. 6.25 lakh per project. Each project idea would be screened and scrutinized by the Managing Committee formed for this purpose.

Annexure 1:

Registered Startups under Assam Don Bosco University

There are in all **seven registered startups** under Assam Don Bosco University that has been established between 2011 to 2017 and is functional for more than three years.

Name of the Company	Assam Don Bosco University Member(s) Involved	Year of Establishment	Nature of Startup	Link related to Company Setup
Genesis Construction	Mr Amrit Sangma, Contact - +91 9365005394	2011	Private Limited Company	https://drive.google.com/file/d/1DrbEuPzPI3idRuQDUT_aMYqnJX1X-g7r/view?usp=sharing
Soft Masnuwi	Mr Mostak Ahmed, Contact - +91 9706777960	2012	Software Development	https://drive.google.com/file/d/17blIsGAgplFTmAYY-QZbnSVCI8ol6NxL/view?usp=sharing
Draco Designs	Mr Ajaynanda Chetia, Contact - +91 9957853666	2014	Design & Brand Consultancy	https://drive.google.com/file/d/17blIsGAgplFTmAYY-QZbnSVCI8ol6NxL/view?usp=sharing
Snoozepost.com	Mr Angshuman Dev Talukdar, Contact - +91 9859189302	2016	Website	https://drive.google.com/file/d/17blIsGAgplFTmAYY-QZbnSVCI8ol6NxL/view?usp=sharing
Genesis Events	Mr Kanti Das, Contact - +91 9707023698	2016	Private Limited Company	https://drive.google.com/file/d/1DrbEuPzPI3idRuQDUT_aMYqnJX1X-g7r/view?usp=sharing
Anisoft Media	Mr Sagar Basumatary, Contact - +91 7002352329	2017	ITES	https://drive.google.com/file/d/17blIsGAgplFTmAYY-QZbnSVCI8ol6NxL/view?usp=sharing
Globinno Engineering Solutions	Dr. Sunandan Baruah, Contact - +91 9435748947	2017	Private Limited Company	https://drive.google.com/file/d/17blIsGAgplFTmAYY-QZbnSVCI8ol6NxL/view?usp=sharing

Annexure 2:

Startup Projects in Pipeline:

1.BUSINESS NAME : TAPESIA ORTHODOX TEA MANUFACTURING UNIT

INCUBATEE: MR KANTI DAS

ADDRESS: RAJGARH ROAD,CHANDMARI,OPP-COMMERCE COLLEGE,H.NO-08,GHY-21

CONTACT DETAILS:+91 9707023698

INTERN STUDENTS:**a)FULL TIME:**

1.AKIB HUSSAIN

2.BIKRAM GOGOI

3.ALPONSE

4.ARIJIT SINGH

b)PART TIME:

1.PRIYA CHOUHDARY

2.ANISA GUPTA

BUSINESS CONCEPT: PRODUCTION AND PACKAGING OF TEA

2. BUSINESS NAME : TAPESIA FISHERIES

INCUBATEE: MR KANTI DAS

ADDRESS:RAJGARH ROAD,CHANDMARI,OPP-COMMERCE COLLEGE,H.NO-08,GHY-21

CONTACT DETAILS:+91 9707023698

INTERN STUDENTS: **a)FULL TIME:**

1.AKIB HUSSAIN

2.BIKRAM GOGOI

3.ALPONSE

4.ARIJIT SINGH

b)PART TIME:

1.PRIYA CHOUHDARY

2.ANISA GUPTA

BUSINESS CONCEPT: MAINLY DEALS WITH FISH SEEDING OF VARIOUS TYPES OF FISHES SUCH AS CARP AND CATFISH

WORK INITIATED: 1. MORE THAN 1 TON FISHES ALREADY RELEASED IN WATER BODIES OF 2 MAJOR RESERVOIR AND 2 MINOR RESERVOIR COVERING AREA OF 15 ACRES

FISHERIES IN UNIVERSITY CAMPUS:



3. BUSINESS NAME: GENESIS WATER BOTTLING PLANT

INCUBATEE : MR KANTI DAS

ADDRESS: RAJGARH ROAD, CHANDMARI, OPP-COMMERCE COLLEGE, H.NO-08, GHY-21

CONTACT DETAILS: +91 9707023698

INTERN STUDENTS: a) **FULL TIME:**

1. ARIFUL AHMED

2. SATTYAJEET DAS

3. KUKIL DAS

b) **PART TIME:**

1. ASHRAFUL ISLAM

2. SABIHA DULLAH

3. MUSTABA HUSSAIN PAIR

BUSINESS CONCEPT: MAINLY DEALS WITH WATER TREATMENT FOR SAFE DRINKING WATER

Annexure 3:

Projects Sanctioned by Assam Science Technology and Environment Council (ASTEC):

Year: 2018 – 2019

Awarded to Assam Don Bosco University: 17

LIST OF SELECTED STUDENT SCIENCE PROJECTS FOR THE YEAR 2018-19

SL. NO.	NAME OF THE STUDENT	PROJECT TITLE	DEPARTMENT/BRANCH & SEMESTER	PROPOSED AMOUNT (Rs.)	APPROVED AMOUNT (Rs.)
1.	Smritirekha Talukdar	Green synthesis & characterization of Ag & Au nanoparticles using plant leaves showing lotus effect	MSc, 4 th sem, Dept. of Chemistry, Cotton University, Guwahati	10,000.00	10,000.00
2.	Gyanananda Deka	Preparation & Photophysical Investigation of Oxidised Metalloporphyrins for Photovoltaics	MSc, 4 th sem, Dept. of Chemistry, Cotton University, Guwahati	20,000.00	10,000.00
3.	Pranay Sharma	Design Synthesis, Structural studies & Anticancer activities of a few Supramolecular Coordination solids involving N-donor ligands	MSc-4 th sem, Dept. of Chemistry, Cotton University, Guwahati	15,000.00	10,000.00
4.	Bikash Kumar Kalita,	Structural Investigation of a few Supramolecular Coordination solids of Transition Metals involving Phenanthroline Ligand and their in vitro analyses for antitumor activities.	MSc-4 th sem, Dept. of Chemistry, Cotton University, Guwahati	15,000.00	10,000.00
5.	Juthika Sarkar	Design, Synthesis, Anticancer Evaluation & Docking studies of a few Supramolecular Coordination Complexes involving Bipyridine Ligand	MSc-4 th sem, Dept. of Chemistry, Cotton University, Guwahati	15,000.00	10,000.00
6.	Udeshna Priya Kakati	Synthesis of DNA stabilized Cu nanocluster & its applications	MSc, 4 th sem, Dept. of Chemistry, Cotton University, Guwahati	15,000.00	10,000.00
7.	Imran Hussain	Potentiality of Bio-resources of North- East India, Bio-refinery concept with special reference to waste citrus bio-mass	MSc 2 nd sem, Dept of Chemistry, Kaziranga University, Jorhat	25,000.00	10,000.00
8.	Raktim Dutta	Wastes to wealth Bio refinery concept from Agricultural Wastes Biorefinery 4 Agriwast	Dept. of Chemistry, Msc.2 nd sem , Kaziranga University, Jorhat	25,000.00	10,000.00

9.	Ms. Omika Rai	Use of Chlorophyll as Photocatalyst in Organic Synthesis	MSc.2 nd year, Dept. of Chemistry, Kaziranga University, Jorhat	15,000.00	10,000.00
10.	Mehebul Islam	Discovery of an alternative product for Tobacco use to prevent Cancer & other diseases	MSc.2 nd year, Dept. of Chemistry, Kaziranga University, Jorhat	25,000.00	10,000.00
11.	Rahul Dutta	Development of environment friendly low cost adsorbents from natural resources & determination of their surface charge by a simple pH-metric method	MSc. 2 nd sem, Dept. of Chemistry, Kaziranga University, Jorhat	20,000.00	10,000.00
12.	Mr.Tanmay Kalita	Removal of cationic Dye using Low cost adsorbents	MSc. 4 th sem, Dept. of Chemistry, B.Borooah College, Guwahati.	16,000.00	10,000.00
13.	Miss Gitu Saikia	A Study on the Quality of Different Rice Beer Produced by different Ethnic Tribes of Assam	MSc 4 th sem, Dept of Chemistry, B.Borooah College, Guwahati.	16,000.00	10,000.00
14.	Anamitra Mahanta	Synthesis & characterisation of Yttrium Oxide (Y ₂ O ₃) from Yttrium Nitrate(Y(NO ₃) ₃ /Yttrium Chloride (YCl ₃) by Combustion/ Sol gel Method	MSc. 4 th sem, Dept. of Physics, Cotton University, Guwahati	18,000.00	10,000.00
15.	Shyam Kumar Sah	Chemically deposited Lead Sulfide(PBS) thin film & its characterization	MSc. 4 th sem, Dept. of Physics, Cotton University, Guwahati	15,000.00	10,000.00
16.	Bhawarnav Saikia	Analysis of the X ray & Microwave Emission mechanism during intensive solar Flares	MSc. 4 th sem. Dept. of Physics, Cotton University, Guwahati	10,000.00	10,000.00
17.	Rasul Mahmud Sarkar	Measurement of cloud charge and Electric field change associated with CG lightning discharge	MSc. 4 th sem, Physics, Kaziranga University, Jorhat.	8,200.00	8,200.00
18.	Bristi Das	Design of Lightning Detector using "CJMCU-3935 Lightning Sensor Module"	MSc. 4 th semester, Dept. of Physics, Kaziranga University, Jorhat	12,000.00	10,000.00

19.	Manish Kumar Baruah	Study on the effect of process parameters on the production of value added construction products from waste plastic	6 th sems, Dept. Of Civil Engg., Assam Don Bosco University, Azara, Guwahati	9,800.00	9,800.00
20.	Shashikant Singhal	Using mycelium as a structural element of building in India	8 th sem, Structural Engg, Assam Don Bosco University , Azara, Guwahati	10,000.00	10,000.00
21.	Kermiki Hek	Design & Fabrication of water body garbage collecting vehicle	Dept. of Mechanical, B.Tech, 8 th sem, Assam Don Bosco University, Azara, Guwahati	15,000.00	10,000.00
22.	Nasbia Yashmin	Design & Fabrication of a Semi automatic dish washer machine	Dept. of Mechanical, B.Tech, 8 th sem, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
23.	Wanlang Lakuna	Design & Development of a Rice Transplanting Machine	B. Tech, 8 th sem, Dept. of Mechanical Engg., Assam Don Bosco University , Azara, Guwahati	20,000.00	10,000.00
24.	Dikan Jyoti Talukdar	Unleavened bread making machine for making wrap for Momo	B.Tech, Mechanical Engg., Assam Don Bosco University , Azara, Guwahati	10,000.00	10,000.00
25.	Abhishek Sarkar	Design & Development of Nimblearm the Computer vision Assisted robotic arm	Dept. of CSE & IT, 8 th sem, Assam Don Bosco University , Azara, Guwahati	16,500.00	10,000.00
26.	Bidyut Chetia Patra	Multiple Connection Line-Aggregation Router	Dept. of CSE, B.Tech, 6 th sem, Assam Don Bosco University , Azara, Guwahati	12,000.00	10,000.00
27.	Namrota Deka	Ultrasonic Sensor Gloves or Shoes for the Blind using Aduino LILYPAD	Dept. of CSE, B.Tech-6 th sem, Kaziranga University, Jorhat	20,512.00	10,000.00
28.	Pallab Das	Development of a portable system for recognition & authentication of Indian currency,	Dept. of Electronics & Communication Engg., 8 th sem, Assam Don Bosco University , Azara, Guwahati	10,700.00	10,000.00
29.	Ritupan Changmai	Gesture Control Robot	Dept. of ECE ,6 th sem, Kaziranga University, Jorhat.	3,340.00	3,340.00

30.	Gaurav Kr. Agarwalla	Hand Gesture Controlled Pick & place Robot	Dept. of Electronics & Communication Engg. B.Tech, 8 th sem, Kaziranga University, Jorhat.	6,320.00	6,320.00
31.	Baskhemlang Rynjah	Automatic cable fault distance locator using arduino	Dept. of Electrical & Electronics Engineering, 4 th year, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
32.	Sikder Arif Mahammad	COW dung Battery	Dept. of Electrical & Electronics Engineering, 3 rd year, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
33.	Jerryneo PL Nongkynrih	Identification of optimal path through Network reconfiguration in power system	Dept. of EEE, 8 th sems, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
34.	Rishav Saha Choudhury	Internet based remote controlled device for home appliances	MSc, Dept. of Electrical & Electronics Engineering, 3 rd year, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
35.	Bedanta Bikash Gogoi	On Line health Monitoring of BLDC Motor	Dept. of EEE, 4 th year, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
36.	Miss Rimjim Saikia	Real Time Heartbeat & Temperature Monitoring	Dept. of Electrical Engineering, Kaziranga University, Jorhat.	23,510.00	10,000.00
37.	Queen Kalita	Design & simulation of a novel algorithm for real time detection of electricity theft in smart grids	Dept. of EEE, 4 th year, Assam Don Bosco University, Azara, Guwahati	15,000.00	10,000.00
38.	Gracefulman Syiemlieh	Isolation & Identification of microbial species forming biofilm in the caves of Meghalaya	Dept. of Microbiology, MSc 4 th sem, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
39.	Phartimery Rani	Prevalence of native Wolbachia in aedes albopictus & its stability at different temperature from Assam, Northeast, India	MSc, 4 th sem, Dept. of Life Science, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00

40.	Udismita Bora	Evaluation of some of the Non Edible seeds of north East india for its biodiesel producing potential	MSc, 3 rd sem, Dept. of Biotechnology, Assam Don Bosco University, Azara, Guwahati	10,000.00	10,000.00
41.	Neeta Choudhury	Studies on the diversity of diurnal & Nocturnal spider Fauna & its habitat characteristics in biodiversity & aquaculture campus, Gauhati University, Assam	MSc. 4 th sem, Dept. of Zoology, Gauhati University, Guwahati.	10,000.00	10,000.00
42.	Miss Rita Devi	Studies on the digestive enzymes in two important food fishes, Anabas testudinensis & Channa punctatus of Assam & determination of in vitro plant protein digestibility in them	MSc-4 th sem, Dept. of Zoology, Bodoland University, Kokrajhar	10,000.00	10,000.00
43.	Sagarika Pal	Comparative study of soil samples in the municipal Solid waste dumping site	MSc. 4 th sem, Dept. of Botany, Cotton University, Guwahati.	10,000.00	10,000.00
44.	Kuladip sarmah	Nitrogen Fixation for Agriculture using High Voltage Spark at Atmosphere ,	MSc, 4 th sems, Dept. of Instrumentation & USiC, Gauhati University, Guwahati.	12,910.00	10,000.00
45.	Aradhana Devi	Automatic vehicle for disease detection of plant & pesticides control	MSc. 4 th sems, Dept. of Instrumentation & USiC, Gauhati University, Guwahati	16,200.00	10,000.00
46.	Mr. Bhaskar Jyoti Das	Study & Design of low smoke heat efficient stove	BE final year, Dept. of Chemical Engg, Assam Engineering College, Guwahati	8,200.00	8,200.00

TOTAL: Rs. 4,45,860/-

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SO, S&T DIV

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24/4/19
(DR.R.K.BARMAN)
HEAD, S&T DIVISION
ASTEC.