

## **R&D** Cell of the Institute

Regent Education & Research Foundation Group of Institutions combines teaching with research to the advantage of faculty and students. The Institute fosters creativity and technological advancement through its Research and Development unit. Faculty from all departments of the institute constitute the R&D cell. This unit keeps track of the Institute's efforts to coordinate research and development smoothly and effectively promoting overall development. The members of the R&D cell contribute towards enhancing research and development at Regent Education & Research Foundation Group of Institutions. The cell will be comprised of faculty members from various departments of this institute. This cell is in charge of ensuring that the Institute's operations for research and development are coordinated effectively and efficiently in order to foster overall growth. The members of this cell will endeavour to improve Regent Education & Research Foundation Group of Institutions' overall development and research activities.

- The R&D cell plans, promotes, evaluates and funds various R&D activities like research projects as well as consultancy projects at the Institute level for both faculties and students.
- The members of the cell meet at least once each semester to talk about the current state of ongoing projects, set goals for each academic year, and create strategies to fulfill those goals.
- A meeting will be held in each semester to confer about the status of the present project as well as make some plans for each academic session and set strategies for achieving the same.
- The R&D cell tracks progress toward goals and suggests performers for rewards and incentives.
- The committee will evaluate individuals' performance and suggest incentives and rewards for them.

#### POLICY DOCUMENT OF R&D CELL ON PROMOTION OF RESEARCH

The institute's research policy aims to provide academic and research facilities through Grants and Infrastructure support to address the pressing societal demands. The Institute also has collaboration with other government & private institutes and industries which enables the students and faculties to develop skills and knowledge, upgrade with the new technologies and inventions used and also provides the students the exposure to industry jobs.

Campus: Regent Education & Research Foundation Group of Institutions

E-mail: rerfkolkata@gmail.com, Website: www.rerf.in

<u>Campus Address:</u> Bara Kanthalia, Barrackpore

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#### **Objectives:**

- i) To provide the essential infrastructure and resources for carrying out research and innovation.
- ii) To build a creative environment where higher education and research can flourish among staff and students, along with necessary facilities.
- iii) To inspire the faculty to carry out research projects endorsed by renowned national and international organizations in cutting-edge domains of science and technology.
- iv) To understand the present research scenario, the faculty members are encouraged to collaborate with esteemed scientists and organize seminars, workshops, national and international conferences and faculty development programs (FDP).
- v) To publish research articles in prestigious peer-reviewed journals.
- vi) To set up Units of Research in cutting-edge fields.
- vii) To encourage and guide the students to participate in student-level research projects.

#### Members of R&D Cell:

The R&D cell is formed as follows:

Chairman: Principal Co-Chairman: Convener

Members: SPOC (single points of contact) from each curricular sector. Each department is supervised by a departmental R&D Coordinator who manages all the activities of the same.

Eminent personalities from reputed academic / research / industrial institutes will act as external experts to monitor the activities of the R&D cell.

#### Responsibilities of the R&D Cell:

- i) To encourage faculty members to submit research proposals for initiatives in development and research that have received outside support.
- ii) To assist in facilitating the development of new products, interdisciplinary and transdisciplinary research, and publishing in reputable journals.
- iii) To promote collaborative research in a variety of core areas of emerging fields and to foster research collaborations with premier national and global Institutes.
- iv) To urge professors to get involved in various events, including conferences, seminars, workshops, and training sessions.
- v) To organize conferences, seminars, workshops, and training sessions. To arrange meetings, workshops, seminars, and training sessions.

vi) To propose having the central library subscription of peer-reviewed, national and international

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publications.

vii) To encourage students to develop, produce, and demonstrate projects in events and exhibitions as well as present technical papers at national and international conferences.

#### **Funded Projects and Consulting Work:**

The following recommendations are appropriate for academic staff members who engage in research, development, and consulting:

#### A. Basic Guidelines:

- The principal investigator or co-investigator must review each research proposal before it is i) submitted for peer review. After that, it will again have reviewed by renowned external experts in that respective field. The R&D committee will next evaluate the proposal before forwarding it to the funding body.
- The chairman and co-chairman of the R&D unit must be approached for any applications on ii) research and development. The department's R&D cell and the department head should both receive a copy of the research proposal.
- The whole approved sum must be used in pursuance of the funding agency's regulations. iii)
- The guidelines of the Accounts Department must be implemented while purchasing equipment iv) or software and submitting the audit report related thereto.
- Individual inventory registries must be kept in each department for all R&D initiatives that v) receive funding from other sources
- The lead researcher and co-author will see to it that the hardware and software purchases are vi) retained in the laboratory or department and accurately noted in the stock register.
- All objects acquired must remain an asset of the Institution in the instance that the project vii) recipient leaves the Institution.

#### **B. Submission of Progress Reports:**

Every year, faculty members who are eligible for R&D rewards must send a report and other necessary documentation to the relevant Head of Department. The Departmental Head and a few senior faculty members will then conduct a thorough review at the Departmental level and see to it that their recommendations are forwarded to the R&D cell.

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#### C. Research & Development Budget:

In close collaboration with the department's cluster directors, senior professors, and principal investigators of active projects, the R&D Cell must develop the annual R&D budget. The Principal is informed of the same by the R&D coordinator.

#### D. Sponsored and Internal research related policies:

- Faculty members must submit proposals for at least one government-funded project.
   Through programs and financing from organizations like CSIR, AICTE, DST, SERB, UGC, ICMR, DRDO, etc., all departments must work to be acknowledged by national and international organizations.
- ii) Professors are urged to suggest cross-disciplinary research subjects in their areas of specialization.
- iii) Faculty members receive financial incentives for their meritorious research and consulting efforts. By using the incentive scheme and rewarding proposed initiatives suitably during college hours.
- iv) It is customary to reimburse faculty members for equipment expenses while they are engaged in funded projects.
- v) A declaration from the organization outlining the work to be done, the scope and cost of the consultation, and how the consultation will benefit the institution financially and intellectually is required for consultancy assignments. The in-charge consultancy must keep documentation of spending.

#### E. Principal Investigator (PI):

The principal investigator (PI)of a project that has been approved serves as the primary point of contact between the funding source and the project's operational manager. The PI should keep the whole project team up to date on project status and include the Co-PIs in every project-related task. The PI may ask anyone of the Co-PI to assume project management responsibilities while he or she is away.

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### **R&D** Cell Members since its Inception

#### **Academic Session 18-19 (ODD SEM)**

| Sl. No. | Name                      | Position |
|---------|---------------------------|----------|
| 1       | Dr. Mahuya Das, Principal | Chairman |
| 2       | Dr. Sudip Chatterjee      | Convener |
| 3       | Ms. Satabdi Saha          | Member   |
| 4       | Mr. Hari Narayan Khan     | Member   |
| 5       | Mr. Krishnendu Mondal     | Member   |
| 6       | Mr. Milan Mazumder        | Member   |

### **Academic Session 18-19 (EVEN SEM)**

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| 1       | Dr. Mahuya Das, Principal | Chairman |
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| 4       | Mr. Hari Narayan Khan     | Member   |
| 5       | Mr. Krishnendu Mondal     | Member   |
| 6       | Mr. Milan Mazumder        | Member   |

### **Academic Session 19-20 (ODD SEM)**

| Sl. No. | Name                      | Position |
|---------|---------------------------|----------|
| 1       | Dr. Mahuya Das, Principal | Chairman |
| 2       | Dr. Sudip Chatterjee      | Convener |
| 3       | Mr. Kadunath Murmu        | Member   |
| 4       | Dr. Arindita Saha         | Member   |
| 5       | Mr. Krishnendu Mondal     | Member   |
| 6       | Mr. Milan Mazumder        | Member   |

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| Sl. No. | Name                      | Position |
|---------|---------------------------|----------|
| 1       | Dr. Mahuya Das, Principal | Chairman |
| 2       | Dr. Sudip Chatterjee      | Convener |
| 3       | Mr. Kadunath Murmu        | Member   |
| 4       | Dr. Arindita Saha         | Member   |
| 5       | Mr. Krishnendu Mondal     | Member   |
| 6       | Mr. Milan Mazumder        | Member   |

### **Academic Session 20-21 (ODD SEM)**

| Sl. No. | Name                      | Position |
|---------|---------------------------|----------|
| 1       | Dr. Mahuya Das, Principal | Chairman |
| 2       | Dr. Arindita Saha         | Convener |
| 3       | Dr. Anindita Das          | Member   |
| 4       | Mr. Dipankar Biswas       | Member   |
| 5       | Mr. Sabyasachi Mukherjee  | Member   |
| 6       | Mr. Kadunath Murmu        | Member   |

### **Academic Session 20-21 (EVEN SEM)**

| Sl. No. | Name                                  | Position |
|---------|---------------------------------------|----------|
| 1       | Dr. Rajorshi Bandyopadhyay, Principal | Chairman |
| 2       | Dr. Arindita Saha                     | Convener |
| 3       | Dr. Anindita Das                      | Member   |
| 4       | Mr. Dipankar Biswas                   | Member   |
| 5       | Mr. Sabyasachi Mukherjee              | Member   |
| 6       | Mr. Kadunath Murmu                    | Member   |

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### **Academic Session 21-22 (ODD SEM)**

| Sl. No. | Name                                  | Position |
|---------|---------------------------------------|----------|
| 1       | Dr. Rajorshi Bandyopadhyay, Principal | Chairman |
| 2       | Dr. Anindita Das                      | Convener |
| 3       | Dr. Arindita Saha                     | Member   |
| 4       | Mr. Dipankar Biswas                   | Member   |
| 5       | Mr. Avik Ghosh Dostidar               | Member   |
| 6       | Mr. Sabyasachi Mukherjee              | Member   |

## **Academic Session 21-22 (EVEN SEM)**

| Sl. No. | Name                                  | Position |
|---------|---------------------------------------|----------|
| 1       | Dr. Rajorshi Bandyopadhyay, Principal | Chairman |
| 2       | Dr. Sourav Ganguly                    | Convener |
| 3       | Dr. Anindita Das                      | Member   |
| 4       | Dr. Dipankar Biswas                   | Member   |
| 5       | Mr. Avik Ghosh Dostidar               | Member   |
| 6       | Mr. Sabyasachi Mukherjee              | Member   |

### **Academic Session 22-23 (ODD SEM)**

| Sl. No. | Name                                  | Position |
|---------|---------------------------------------|----------|
| 1       | Dr. Rajorshi Bandyopadhyay, Principal | Chairman |
| 2       | Dr. Kaushik Dutta Roy                 | Convener |
| 3       | Dr. Arindita Das                      | Member   |
| 4       | Dr. Dipankar Biswas                   | Member   |
| 5       | Mr. Sabyasachi Mukherjee              | Member   |
| 6       | Mr. Avik Ghosh Dostidar               | Member   |

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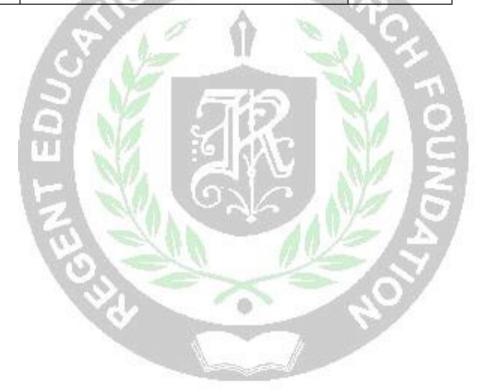
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### **Academic Session 22-23 (EVEN SEM)**

| Sl. No. | Name                             | Position |
|---------|----------------------------------|----------|
| 1       | Dr. Samik Chakraborty, Principal | Chairman |
| 2       | Dr. Kaushik Dutta Roy            | Convener |
| 3       | Dr. Arindita Das                 | Member   |
| 4       | Mr. Avik Ghosh Dostidar          | Member   |
| 5       | Dr. Abhijit Biswas               | Member   |
| 6       | Dr. Pritam Malakar               | Member   |



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### **Entrepreneurship Cell**

An Entrepreneurship Cell (E-Cell) aims to foster and promote the spirit of entrepreneurship and innovation among individuals, particularly students and young professionals. E-Cells play a crucial role in creating a supportive ecosystem for aspiring entrepreneurs. The journey of the Entrepreneurship Cell of Regent Education & Research Foundation Group of Institutions started in 2018 and since its inception the cell works to broaden the awareness of students regarding entrepreneurship by periodically organizing workshops and lectures. For students beginning their start-ups, this cell gives them access to resources including mentorship, networking opportunities, funding, and training programs and assist them in building the skills and knowledge necessary to thrive in the entrepreneurship world.

The Entrepreneurship Cell of RERFGI has helped its Alumni's and other emerging young talents to shape their start-up ideas and helped them to successfully run start-ups like Career & Course, School Dekho and Scholarship.

The primary objectives of an Entrepreneurship Cell include:

- ➤ Promoting Entrepreneurial Spirit: E-Cells encourage individuals to think creatively, take risks, and develop a mindset that values innovation, problem-solving, and resourcefulness.
- Awareness and Education: They organize workshops, seminars, webinars, and talks by successful entrepreneurs and industry experts to educate participants about various aspects of entrepreneurship, including ideation, business planning, funding, marketing, writing project reports and many more.
- > Skill Development: E-Cells provide training and mentorship to help participants develop practical skills such as business planning, pitching, market research, and networking.
- ➤ Start-up Support: E-Cells may assist participants in validating their business ideas, developing prototypes, and navigating the legal and regulatory aspects such as GST registration, opening bank accounts, website development, digital marketing support, statutory licenses, mentorship for revenue generation, infrastructural support etc.
- ➤ Funding Assistance: E-Cells help entrepreneurs connect with potential investors, venture capitalists, and angel investors to secure funding for their ventures.
- ➤ Organizing Competitions: E-Cells often host entrepreneurship-related competitions, hackathons, and business plan contests to provide participants with a platform to showcase their innovative ideas and solutions.

Funding and Miscellaneous: E-Cell also includes space and funds for potential projects.

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#### **Committee Details:**

➤ The committee was formed on 28th June 2018. The committee detail of the E-Cell is given below-

| Name of the Faculty     | Department | Associates  |
|-------------------------|------------|-------------|
| Member                  |            |             |
| Mr. Avik Ghosh Dastidar | BSH        | Chairperson |
| Mr. Sukdeb Saha         | ECE        | Convenor    |
| Ms. Suparna Panchanan   | ECE        | Member      |
| Mr. Krishna Kanta Maity | MCA        | Member      |
| Ms. Anamika Basu        | BSH        | Member      |
| Mr. Subhadeep Mondal    | CE         | Member      |
| Mr. Indrajit Dawan      | CSE        | Member      |

Proposal for setting up startup facilities are collected from interested candidates through an Incubation Application along with its business plan, as the initial step in the admissions procedure. The application is reviewed by the selection committee which consists of both Internal members and external members from Industries and if the initial assessment of the business plan / executive summary is approved. The applicant will be informed of the committee's choice.

From 2021, the Entrepreneurship Cell was reformed and renamed as Startupshala. The Startupshala (Innovation, Incubation and Enterprise Center) at Regent Education and Research Foundation Group of Institutions, Barrackpore, is created based on in-depth research into technological advancements, the pool of potential engineering and technology graduates, and market trends. The goal of the plan is to establish the Startupshala with assistance from the Industry and Government bodies in order to take advantage of the talent and aspirations of engineering university graduates in order to create opportunities and generate wealth while also addressing the present and long-term needs of both society and business.

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Date: 28.6.18

### **Notice**

This is to inform all the concerned that based on the response from the represented HODs from the different departments, the following is the functional core committee of the Entrepreneurship Cell of Regent Education & Research Foundation Group of Institutions-

## Entrepreneurship Cell Session: 2018-2019

| Sł.No | Name                    | Designation | Department |
|-------|-------------------------|-------------|------------|
| 1.    | Mr. Avik Ghosh Dastidar | Chairperson | BSH        |
| 2.    | Mr. Sukdeb Saha         | Convenor    | ECE        |
| 3.    | Ms. Suparna Panchanan   | Member      | ECE        |
| 4.    | Mr. Krishna Kanta Maity | Member      | MCA        |
| 5.    | Ms. Anamika Basu        | Member      | BSH        |
| 6.    | Mr. Subhadeep Mondal    | Member      | CE         |
| 7.    | Mr. Indrajit Dwan       | Member      | CSE        |

#### Copy to:

- 1. HOD, CSE, RERFGI
- 2. HOD, CE, RERFGI
- 3. HOD, EEE, RERFGI
- 4. HOD, EE, RERFGI
- 5. HOD, ECE, RERFGI
- 6. HOD, BSH, RERFGI
- 7. HOD, ME, RERFGI
- 8. HOD, MCA, RERFGI
- 9. HOD, MBA, RERFGI
- 10. Convenor, Entrepreneurship Cell, RERFGI

Principal RERFGI



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#### **Minutes of the Meeting**

Agendas and Minutes of the meeting of Entrepreneurship held on 3<sup>rd</sup> July, 2018

#### Present members:

| Name of the Faculty<br>Member | Department | Associates  |
|-------------------------------|------------|-------------|
| Mr. Avik Ghosh Dastidar       | BSH        | Chairperson |
| Mr. Sukdeb Saha               | ECE        | Convenor    |
| Ms. Suparna Panchanan         | ECE        | Member      |
| Mr. Krishna Kanta Maity       | MCA        | Member      |
| Ms. Anamika Basu              | BSH        | Member      |
| Mr. Subhadeep Mondal          | CE         | Member      |
| Mr. Indrajit Dwan             | CSE        | Member      |

#### Agenda:

- 1) Introducing members
- 2) Discuss the goal of the cell
- 3) Set a tentative date for submitting business proposals.
- 3) Discuss the required fields of the application form.
- 4) Discuss the policy of the entrepreneurship cell.
- 5) Formation of the selection committee
- 6) Miscellaneous

#### Minutes:

- 1) The goal of an Entrepreneurship Cell (E-Cell) is to foster and promote an entrepreneurial mindset and culture within a community. E-Cells aim to inspire, educate, and support students and alumni who are interested in entrepreneurship and innovation. The specific goals of an Entrepreneurship Cell include
  - Promoting Entrepreneurial Spirit: E-Cells encourage individuals to think creatively, take risks, and develop a mindset that values innovation, problem-solving, and resourcefulness.

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- Awareness and Education: They organize workshops, seminars, webinars, and talks by successful entrepreneurs and industry experts to educate participants about various aspects of entrepreneurship, including ideation, business planning, funding, digital marketing, writing detailed project reports (DPR) and many more.
- Skill Development: E-Cells provide training and mentorship to help participants develop practical skills such as business planning, pitching, market research, training for search engine optimization (SEO) and networking.
- Start-up Support: E-Cells may help participants in validating their business ideas, developing
  prototypes, and navigating the legal and regulatory aspects such as MSME registration
  (UDYAM AADHAAR), assassinates in GST registration (if applicable), opening bank
  accounts, developing websites etc.
- Funding Assistance: E-Cells help entrepreneurs connect with potential investors, venture capitalists, and angel investors to secure funding for their ventures.
- Organizing Competitions: E-Cells often host entrepreneurship-related competitions, hackathons, and business plan contests to provide participants with a platform to showcase their innovative ideas and solutions.
- Funding and Miscellaneous: E-Cell also provides space and funds for potential projects.
- 2) Ms. Suparna Panchanan and Mr. Avik Ghosh Dastidar will prepare the application form for the business proposal.
- 3) Mr. Avik Ghosh Dastidar will prepare the policy of the entrepreneurship cell.
- 4) Mr. Subhadeep Mondal will prepare the flyer for the Entrepreneurship cell and it will be published on 5<sup>th</sup> July 2018.
- 5) 30<sup>th</sup> July is set as the last date for proposal submission.
- 6) Mr. Ritesh Agarwal, owner & director of Royal Balaji Engineering Pvt Ltd, Dhulagarh, Howrah and Mr. Sudhansu Sekhar Dubey, Managing Director, Induji Technologies Pvt Ltd, Barrackpore, West Bengal, have been proposed to join the selection committee.
- 7) Mr. Avik Ghosh Dastidar and Ms. Anamika Basu will represent the college in the selection committee.
- 8) All members are requested to circulate this initiative of the college and encourage the students to submit their proposals.

With no other points raised up to discuss, the Convenor adjourned the meeting.

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#### Minutes of the Meeting

Agendas and Minutes of the meeting of Entrepreneurship held on 3rd August 2018

#### Present members:

| Chairperson |
|-------------|
| Convenor    |
| Member      |
|             |

#### Agenda:

 Fixing the date of presentation of the business plan by coordinating with the selection committee.

#### Minutes:

- Mr. Ritesh Agarwal and Mr. Sudhansu Sekhar Dubey accepted our invitation and now they are members of the selection committee.
- Mr. Sukdeb Saha will coordinate with the selection committee and fix the date of the
  presentation of the business plans and inform the cell members.

With no other points raised to discuss, the Convenor adjourned the meeting



Principal
Regent Education & Research Foundation
Bara Kanthalia, P.O.-Sewli Telinipara
Barrackpore, Kolkata- 700121

Cumpus: Regent Education & Research Foundation Group of Institutions

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Regd. Office Address:

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#### Minutes of the Meeting

Agendas and Minutes of the meeting of Entrepreneurship held on 24th August 2018

#### Present members:

| Name of the Faculty Member | Department | Associates  |
|----------------------------|------------|-------------|
| Mr. Avik Ghosh Dastidar    | BSH        | Chairperson |
| Mr. Sukdeb Saha            | ECE        | Convenor    |
| Ms. Suparna Panchanan      | ECE        | Member      |
| Mr. Krishna Kanta Maity    | MCA        | Member      |
| Ms. Anamika Basu           | BSH        | Member      |
| Mr. Subhadeep Mondal       | CE         | Member      |
| Mr. Indrajit Dwan          | CSE        | Member      |

#### Agenda:

1) Inform the members about the selection of the project proposal.

#### Minutes

- The selection committee selected the proposal of the "Career & Courses" on 22<sup>nd</sup> August. The
  project was facilitated with GST registration, website development, digital marketing statutory
  licenses, mentorship for revenue generation, infrastructural support etc. The selected project was
  forwarded to the Head of the Institution.
- 2) Mr. Indrajit Dwan is mentoring the Career & Courses for the session 2018-19.
- 3) Date of the next meeting will be finalized later.

With no other points raised to discuss, the Convenor adjourned the meeting

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#### Minutes of the Meeting

Agendas and Minutes of the meeting of Entrepreneurship held on 12th June, 2019

#### Present members:

| Name of the Faculty<br>Member | Department | Associates  |
|-------------------------------|------------|-------------|
| Mr. Avik Ghosh Dastidar       | BSH        | Chairperson |
| Mr. Sukdeb Saha               | ECE        | Convenor    |
| Ms. Suparna Panchanan         | ECE        | Member      |
| Mr. Krishna Kanta Maity       | MCA        | Member      |
| Ms. Anamika Basu              | BSH        | Member      |
| Mr. Subhadeep Mondal          | CE         | Member      |
| Mr. Indrajit Dwan             | CSE        | Member      |

#### Agenda:

- 1) Publication of flyer on entrepreneurship cell for the upcoming semester.
- 2) Proposed the last date of submission of the application form.
- 3) Proposed the date for submission of the annual report of "Career & Courses" which was selected in the previous year.
- 4) Coordinate with the selection committee to review the annual reports and their decision about the continuation or termination of the granted projects.
- 5) Preparation of annual report.

#### Minutes:

- 1) Keeping the same flyer, this year's flyer will be published on 2<sup>nd</sup> July 2019.
- 2) The last date for submission of the application form will be 23<sup>rd</sup> July.
- 3) Intimate the project holders to submit their annual report on 7th Aug 2019.
- 4) Mr. Sukdeb Saha will coordinate with the selection committee and fix the date of the presentation of the business plans and inform the cell members.
- 5) Ms. Suparna Panchanan will prepare the annual report of E-Cell for the session 2018-19.

With no other points raised to discuss, the Convenor adjourned the meeting

Principa

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#### Regent Education and Research Foundation Group of Institutions **Entrepreneurship Cell Report** Session: 2018 - 2019

#### Objective

An Entrepreneurship Cell (E-Cell) aims to foster and promote the spirit of entrepreneurship and innovation among individuals, particularly students and young professionals. E-Cells play a crucial role in creating a supportive ecosystem for aspiring entrepreneurs. The primary objectives of an Entrepreneurship Cell include:

- > Promoting Entrepreneurial Spirit: E-Cells encourage individuals to think creatively, take risks, and develop a mindset that values innovation, problem-solving, and resourcefulness.
- Awareness and Education: They organize workshops, seminars, webinars, and talks by successful entrepreneurs and industry experts to educate participants about various aspects of entrepreneurship, including ideation, business planning, funding, marketing, writing project reports and many more.
- Skill Development. E-Cells provide training and mentorship to help participants develop practical skills such as business planning, pitching, market research, and networking.
- > Start-up Support: E-Cells may assist participants in validating their business ideas, developing prototypes, and navigating the legal and regulatory aspects such as GST registration, opening bank accounts, website development, digital marketing support, statutory licenses, mentorship for revenue generation, infrastructural support etc.
- Funding Assistance: E-Cells help entrepreneurs connect with potential investors, venture capitalists, and angel investors to secure funding for their ventures.
- Organizing Competitions. E-Cells often host entrepreneurship-related competitions, hackathons, and business plan contests to provide participants with a platform to showcase their innovative ideas and solutions.
- Funding and Miscellaneous; E-Cell also includes space and funds for potential projects.

#### Committee Details:

The committee was formed on 28th June 2018. The committee detail of the E-Cell is given below-

| Name of the Faculty<br>Member | Department | Associates  |
|-------------------------------|------------|-------------|
| Mr. Avik Ghosh Dastidar       | BSH        | Chairperson |
| Mr. Sukdeb Saha               | ECE        | Convenor    |
| Ms. Suparna Panchanan         | ECE        | Member      |
| Mr. Krishna Kanta Maity       | MCA        | Member      |
| Ms. Anamika Basu              | BSH        | Member      |
| Mr. Subhadeep Mondal          | CE         | Member      |
| Mr. Indrajit Dawan            | CSE        | Member      |

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#### Project Proposals:

#### 1. Local Mart Express

Application ID: S1538850600

Abstract: The startup called Local Mart Express wants to revolutionise the way people buy for groceries by seamlessly connecting them to local stores via a quick doorstep delivery service. The core of Local Mart Express is its dedication to promoting a feeling of community and supporting small local companies. They make sure that customers have access to a variety of high-quality products by collaborating with adjacent businesses, which also supports neighbourhood vendors and the development of the neighbourhood economy. The heart of LocalMart Express is a user-triendly mobile app and website that lets clients browse through a sizable catalogue of food products with just a few taps, from everyday necessities to speciality items. The platform has a user-friendly layout that makes ordering goods simple and enjoyable. With a strong focus on efficiency and timeliness, LocalMart Express has streamlined its delivery process to offer lightning-fast doorstep service. The idea is to appoint a dedicated fleet of delivery personnel ensures that orders are promptly processed, accurately packed, and delivered with care right to the customer's doorstep, eliminating the hassle of physically visiting a store.

#### 2. Al-Powered Business Analytics Tool

#### Application ID: S1544121000

The AI-Powered Business Analytics Tool is a groundbreaking project that leverages artificial intelligence (AI) to transform traditional data analysis into a cutting-edge and insightful process. This tool empowers businesses to extract valuable insights from vast datasets, enabling data-driven decision-making and informed strategies. With advanced AI algorithms and interactive visualizations, the Al-Powered Business Analytics Tool aims to streamline data analysis, optimize business operations, and unlock the true potential of data assets.

#### 3. Career & Courses

#### Application 1D: A1575657000

Abstract: Career & Courses is an edutech startup idea with a vision of providing quality and innovative education in the field of various competitive exams to students across India. The main motive behind such an Institute is to provide affordable and quality preparatory courses to students from all the strata of society who aspire to succeed in the different competitive exams and achieve their dreams.

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#### **Selection Committee:**

The Details of the Selection Committee is given below

| Serial<br>No. | Name Name                    | Name of Organization   | Designation                                      |
|---------------|------------------------------|--|--|
| 1.            | Mr. Ritesh<br>Agarwal        | Royal Balaji<br>Engineering Pvt Ltd                          | Owner & Director                                 |
| 2.            | Mr. Sudhansu<br>Sekhar Dubey | Induji Technologies Pvt<br>Ltd                               | Managing<br>Director                             |
| 3.            | Mr. Avik Ghosh<br>Dastidar   | Regent Education & Research Foundation Group of Institutions | Chairperson,<br>Entrepreneurship<br>Cell, RERFGI |
| 4.            | Mr. Anamika<br>Basu          | Regent Education & Research Foundation Group of Institutions | Member, Entrepreneurship Cell, RERFGI            |

#### Approved Project

Career & Courses had been selected by the selection committee for the session of 2018-19. This project was facilitated with website development, digital marketing support, statutory licenses, mentorship for revenue generation, infrastructural support etc. The yearly report (2018-19) of "Career & Courses" is included to this report.



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## REGENT EDUCATION AND RESEARCH FOUNDATION

Group of Institutions

Regent Education & Research Foundation Bara Kanthalia, P.O.-Sewlt Telinipara Barrackpore, Kolkata- 700121

"Entrepreneurship Cell"

ID: A1575657000

1. Name of the project:

2. Abstract (Within 1500 characters):

## **Application Form**

\*\*\*Application form should be filled up with Acrobat reader 10 or higher\*\*\*

Career & Courses started its journey with a vision of providing quality and innovative education in the field of competitive exams to the students across India. The main motive behind such an Institute was to provide affordable and quality preparatory courses to the students from all the strata of society who aspire to succeed in the different competitive exams and achieve their dreams. The students are guided by a team of qualified teachers with over a decade of experience in their subject domains. Their unique teaching methodology has

Career & Courses

|      | been one of the critical success factors for the growth of Career & Courses. Our tailor-made courses and state of art facilities have been really helpful in preparing students as per the highest standards. The teaching methodology designed to succeed training modules have helped us to become a trusted brand among the |
|------|--|
| 3. ( | Outcomes (Explain the product in 1500 characters including the target customers):  |
| a    | o provide Low cost preparation of competitive entrance examinations like NEET and JEE compared to others. Our target customers are students willing to prepare for NEET, JEE, SSC-JE, etc.   |

| Low cost preparation of competitive entrance examinations like NEET and JEE compared to others. |                            |    |  |  |
|---|----------------------------|----|--|--|
|   |                            |    |  |  |
| Industry Collaboration:  Do you already have a co   | llaboration with Industry? | No |  |  |
| If yes, give the followings   |                            |    |  |  |
| 5.1 Company Name:   |                            |    |  |  |
| 5.2 Address:  |                            |    |  |  |
| 5.3 Contact Person:   |                            |    |  |  |
| 5.4 Contact number:   |                            |    |  |  |
| 5.5 Email:  |                            |    |  |  |
| 5.6 Details of Collaboration: (1000 letters)  |                            |    |  |  |
|   |                            |    |  |  |
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|   |                            |    |  |  |

\* Attach a separate sheet if you have more than one collaboration \* Attach MoUs/Agreements/contracts etc, with the collaborating company

Regent Education & Research Foundation Bara Kanthalia, P.O.-Sewli Telinipara Barrackpore, Kolkata- 700121

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6. Prototyping:

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Barrackpore, Kolkata-700121

| 8. Team men                    | nbers:   |             |                  |              |                  |
|--------------------------------|--|-------------|------------------|--------------|------------------|
| Number of r                    | nembers/partners:  | 1           |                  |              |                  |
| 8.1 Prime                      | member details:  |             |                  |              |                  |
| Name:                          | Devika Bhaket  |             |                  |              |                  |
| Address:                       | 7,8,9 Golamahal, Sad   | ar Bazar, E | Barrackpore, PIN | 700120       |                  |
| Phone:                         | 8820588208   |             | Highest Qu       | alification: | UG               |
| Email:                         | devikabhaket006@gm   | nail.com    |                  |              |                  |
| Category:                      | Alumni   |             |                  |              |                  |
| ** Attach  9. Whether  If Yes, | tails of all the partne 1 page biodata of eac r company / LLP etc ne of the company: | ch of the j |                  |              | sheet and attach |
|                                |  |             |                  |              |                  |
| 9.2 Reg                        | gistration number:   |             |                  |              |                  |
| 9.3 Dat                        | te of Registration:  |             |                  |              |                  |
| 9.4 Cor                        | mpany Type:  | Other       |                  |              |                  |
| 9.5 Ad                         | dress:   |             |                  |              |                  |
| 9.6 Co                         | mpany PAN:   |             |                  |              |                  |

| 10. | Revenue | generation | model (within | 1500 | characters): |
|-----|---------|------------|---------------|------|--------------|
|     |         |            |               |      |              |

| subscription of test series by stud | for offline classes of NE<br>dents. | ET & JEE and through |
|-------------------------------------|-------------------------------------|----------------------|
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| 11. Facilities applying For:        |                                     |                      |
|                                     |                                     |                      |
| Finance                             |                                     |                      |
| Space If yes, area (                | in Sqft) for 1st year:              | 100.00               |
| IT support such as websi            | ite development, codir              | ng etc.              |
| Industry linkage such as            | MoU, training etc.                  |                      |
| Legal advice/help in com            | pany formation, ITR                 | etc                  |
| ze: 24/07/2018                      | Signature:                          | wika Bhaket          |
|                                     | Name: Devika Bi                     | naket                |
|                                     | Contact No: 883                     | 20588208             |
|                                     | Category: Os                        | tudent               |
|                                     |                                     |                      |

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## REGENT EDUCATION AND RESEARCH FOUNDATION

Group of Institutions

## "Entrepreneurship Cell"

## Score Card

| . Name of the project:                               | Career & Courses  |  |  |
|--|---|--|--|
| . Startup ID:  | A1575657000   | 3. Category:                             | Alumni   |
| . Scores:  |   |  |  |
| 4.1 Novelty in addressin                             | g the problem (10 points):  | 8  |  |
| 4.2 Differentiation from                             | existing solutions (10 points):                                     | 6  |  |
| 4.3 Size of the target ma                            | rket (10 points):   | 9  |  |
| 4.4 Benefits and advanta                             | ages over competitors (10 poin                                      | ts): 5                                   |  |
| 4.5 Scope of employabili                             | ity (10 points):  | 8  |  |
| 4.6 Scalability and susta                            | inability (10 points):  | 8  |  |
| 4.7 Feasibility of the tim                           | e line (10 points):   | 7  |  |
| 4.8 Realistic revenue for                            | ecasts (10 points):   | 5  |  |
| 4.9 Potential risks (10 p                            | oints):   | 6  |  |
| 4.10 Social and Environ                              | mental Impact (10 points):  | 8  |  |
| 4.11 Opportunity and to points):                     | raining for our students (10  | 9  | Group of Jasinoring  |
| 5. Total Score (Out of 1                             |   | 6. Decision:                             | pted Devlined  |
|  | s (Fund, Space, IT Suppor   |  | Due nother   |
| Selected and forwarded t<br>mentorship for revenue g | o HOI. Website development, di<br>eneration, infrastructural suppor | t etc.                                   | Principal  |
|  |   | 000-0-0                                  | Jent Education & Research Foundation<br>Bara Kanthalia, P.OSewli Telinipara<br>Barrackpore, Kolkata-700121 |
|  | 5   | nature: agalasticle                      |  |
|  | Des   | ne: Nik Glosh D<br>ignation: Chair becom |  |
|  | Dat   | e: 22/8/2018                             | , constitution of  |



## REGENT EDUCATION AND RESEARCH FOUNDATION

Group of Institutions

## "Entrepreneurship Cell"

## **Annual Report**

\*\*\*Application form should be filled up with Acrobat reader 10 or higher\*\*\*

| 2. Startup ID:  3. Starting Date:  2018  4. Time period (in years):  Specific outcome (1500 characters):  We have introduced test series of competitive exams like SSC-JE, SSC-CGL Mains, NEET, WBCS, etc online on our website careerandcourses.in. Studentave subscribed to the test series which has a validity of 1 year.  6. Protype generated:  No  7. Revenue generated:  No  If yes,  7.1 Describe revenue model (500 letters):  Through subscription of test series by students. | 1. Name of the project:   | Career & Courses  |
|---|---------------------------|---|
| 5. Specific outcome (1500 characters):  We have introduced test series of competitive exams like SSC-JE, SSC-CGL Mains, NEET, WBCS, etc online on our website careerandcourses.in. Studenhave subscribed to the test series which has a validity of 1 year.  6. Protype generated:  No  If yes,  7.1 Describe revenue model (500 letters):  | 2. Startup ID:            | A1575657000   |
| We have introduced test series of competitive exams like SSC-JE, SSC-CGL Mains, NEET, WBCS, etc online on our website careerandcourses.in. Studer have subscribed to the test series which has a validity of 1 year.  6. Protype generated:  No  7. Revenue generated:  No  If yes,  7.1 Describe revenue model (500 letters):  | 3. Starting Date:         | 4. Time period (in years):                              |
| Mains, NEET, WBCS, etc online on our website careerandcourses.in. Studer have subscribed to the test series which has a validity of 1 year.  6. Protype generated:  No  If yes,  7.1 Describe revenue model (500 letters):  | 5. Specific outcome (1500 | characters):  |
| 7. Revenue generated: No  If yes, 7.1 Describe revenue model (500 letters):   | Mains, NEET, WBCS,        | etc online on our website careerandcourses.in. Students |
| If yes, 7.1 Describe revenue model (500 letters):   | 6. Protype generated:     |   |
| 7.1 Describe revenue model (500 letters):   | 7. Revenue generated:     | No  |
|   |                           | 11/7001   |
| A.  |                           |   |
| 101   | THOUGH SUBSCRIPTION OF    | A some by students.                                     |

| 7.2 Target customer (300 letters)                      | :   |
|--|---|
| Students preparing for competit                        | ive exams like JEE Mains, NEET, etc.          |
| 7.3 Gross income: 301982 7.4 Total expenditure: 205399 |   |
| 8. Future plan (1500 letters):                         |   |
| To provide online classes and in                       |   |
| Date: 01/08/2019                                       | Signature: Devika Bhaket  Name: Devika Bhaket |
|  | Contact No: 8820588208                        |
|  | Email: devikabhaket006@gmail.com              |
|  | Category: Student Alumni Faculty              |

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## REGENT EDUCATION AND RESEARCH FOUNDATION

Group of Institutions

## "Entrepreneurship Cell"

ID: S1544121000

## **Application Form**

\*\*\*Application form should be filled up with Acrobat reader 10 or higher\*\*\*

| 1. Name of the project: | AI-Powered Business Analytics Tool |
|-------------------------|------------------------------------|
|                         |                                    |

## 2. Abstract (Within 1500 characters):

The AI-Powered Business Analytics Tool is a groundbreaking project that leverages artificial intelligence (AI) to transform traditional data analysis into a cutting-edge and insightful process. This tool empowers businesses to extract valuable insights from vast datasets, enabling data-driven decision-making and informed strategies. With advanced AI algorithms and interactive visualizations, the AI-Powered Business Analytics Tool aims to streamline data analysis, optimize business operations, and unlock the true potential of data assets.

## 3. Outcomes (Explain the product in 1500 characters including the target customers):

The project's outcome is a fully functional Al-Powered Business Analytics Tool that offers businesses the ability to gain in-depth insights from complex datasets. Through the integration of Al algorithms, the tool automates data processing, pattern recognition, and predictive modeling. Users can explore interactive visualizations, conduct exploratory data analysis, and generate custom reports with ease. The outcome of this project will lead to improved operational efficiency, better resource allocation, and enhanced decision-making capabilities, ultimately empowering businesses to stay competitive and achieve growth in a data-driven world.

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| 4. Explain in detail the inno<br>characters):   | vative/ novelty features of yo   | ur "core offering" (Within 1500   |
|---|--|---|
| capabilities, which enable traditional analytics tools, i trends, predicting future or allows both data experts a datasets, democratizing dareal-time data processing | businesses to handle big da<br>it employs machine learning<br>utcomes accurately. The too<br>nd non-technical users to in<br>ata analysis across the orga<br>and predictive insights provi | to recognize patterns and<br>ol's user-friendly interface<br>ateract seamlessly with complex<br>anization. The integration of |
| •   | llaboration with Industry?   | No  |
| If yes, give the followings:  |  |   |
| 5.1 Company Name:   |  |   |
| 5.2 Address:  |  |   |
| 5.3 Contact Person:   |  |   |
| 5.4 Contact number:   |  |   |
| 5.5 Email:  |  |   |
| 5.6 Details of<br>Collaboration:<br>(1000 letters)  |  |   |
|   |  |   |

<sup>\*</sup> Attach a separate sheet if you have more than one collaboration \* Attach MoUs/Agreements/contracts etc, with the collaborating company

#### 6. Prototyping:

6.1 Whether prototyping is possible?

Yes

6.2 Whether prototype is already developed?

Νo

- 6.3 Detail of the timeframe to develop a prototype, performance etc.
  - 1. Requirements Gathering and Analysis: 1 Month
  - 2. Conceptual Design and Architecture: 1 Month
  - 3. Data Integration and Preprocessing: 1 Month
  - 4. Al Model Development: 2 Months
  - 5. User Interface Design: 1 Month
  - 6. Tool Implementation and Development: 2 Months
  - 7. Testing and Bug Fixes: 1 Month
  - 8. Documentation and Finalization: 1 Month
  - 9. Deployment and User Training: 1 Month
  - 10. Marketing and Launch: 1 Month

#### \*\*(Attach picture/screenshots of the prototype with the application, if already developed)

#### 7. Expected time schedule of the project for the 1st year:

- 7.1 Quarter 1: |- Conduct meetings with stakeholders to define project objectives and (500 character) gather specific requirements for the Al-Powered Business Analytics Tool.
  - Create a high-level design and outline the system architecture, considering Al algorithms, data processing, and visualization components.
  - Collect and preprocessed sample datasets for testing and model development.

### **7.2 Quarter 2:** (500 character)

- Develop and train AI algorithms for data analysis, predictive modeling, and pattern recognition, ensuring accuracy and efficiency.
- Design an intuitive and interactive user interface, allowing users to interact seamlessly with the tool and visualize insights effectively.

## **7.3 Quarter 3:**

- Integrate AI models and user interface into a functional prototype of the (500 character) Al-Powered Business Analytics Tool.
  - Conduct rigorous testing to identify and fix any issues, ensuring the tool's reliability and performance.

## 7.4 Quarter 4:

- Prepare detailed documentation, user manuals, and specifications for the (500 character) Al-Powered Business Analytics Tool.
  - Deploy the tool to selected businesses and provide training sessions to users to familiarize them with its functionalities.
  - Launch the Al-Powered Business Analytics Tool to the market. implementing marketing strategies to promote its capabilities and benefits.

Regent Education & Research Foundation Bara Kanthalia, P.O.-Sewli Telinipara Barrackpore, Kolkata- 700121

| 8. Team men                    | nbers:   |             |               |               |                  |
|--------------------------------|--|-------------|---------------|---------------|------------------|
| Number of r                    | nembers/partners:  | 1           |               |               |                  |
| 8.1 Prime                      | member details:  |             |               |               | 7                |
| Name:                          | HRISHAB DEB  |             |               |               |                  |
| Address:                       | Habra, Aravinda Road, P.S. + P.O Habra, Pin 743263   |             |               |               |                  |
| Phone:                         | 9609206903   |             | Highest Q     | ualification: | Di <b>plo</b> ma |
| Email:                         | deb_haishab@gmail.d  | com         | many Commence |               |                  |
| Category:                      | Student  |             |               |               |                  |
| ** Attach  9. Whether  If Yes, | tails of all the partno<br>1 page biodata of ea<br>r company / LLP etc<br>ne of the company: | ch of the p |               |               | sheet and attach |
|                                |  |             |               |               |                  |
| 9.2 Reg                        | gistration number:   |             |               |               |                  |
| 9.3 Dat                        | e of Registration:   |             |               |               |                  |
| 9.4 Cor                        | npany Type:  | Other       |               |               |                  |
| 9.5 Add                        | dress:   |             |               |               |                  |
| 9.6 Cor                        | npany PAN:   |             |               |               |                  |

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### 10. Revenue generation model (within 1500 characters):

1. Subscription Plans: Offering tiered subscription plans to businesses based on data storage limits, AI features, and the number of users, creating a recurring revenue stream. 2. Customization Services: Providing tailored solutions and integrations to meet specific business needs, charging a premium for personalized analytics capabilities. 3. Enterprise Licenses: Offering enterprise-wide licenses to large organizations, charging based on the number of users or departments using the tool. 4. Data Consulting Services: Providing data consulting services to businesses, offering expertise in data analytics, strategy, and interpretation for an additional fee. 5. Data Visualization Add-ons: Offering premium data visualization templates or add-ons that enhance the tool's capabilities, generating revenue through one-time purchases. 6. Training and Support: Providing training sessions and ongoing technical support to businesses, creating an additional revenue stream and ensuring customer satisfaction.

| 11. Facilities applying For:                    |   |              |  |  |  |
|---|---|--------------|--|--|--|
| Finance If yes, an                              | nount (INR) for 1st year:                           | 1,500,000.00 |  |  |  |
| Space If yes, ar                                | ea (in Sqft) for 1st year:                          | 1200.00      |  |  |  |
| IT support such as we                           | IT support such as website development, coding etc. |              |  |  |  |
| Industry linkage such as MoU, training etc.     |   |              |  |  |  |
| Legal advice/help in company formation, ITR etc |   |              |  |  |  |
| Date: 12/07/2018                                | Signature: <u>Mnu</u>                               | som bet      |  |  |  |
|   | Name: HRISHAB D                                     | ЕВ           |  |  |  |
|   | Contact No: 96092                                   | 206903       |  |  |  |

Category: (•) Student () Alumni (

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## REGENT EDUCATION AND RESEARCH FOUNDATION

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## "Entrepreneurship Cell"

## **Score Card**

| 1. Name of the project:          | Al-Powered Business A           | nalytics Tool   |            |   |
|----------------------------------|---------------------------------|-----------------|------------|---|
| 2. Startup ID:                   | S1544121000                     | 3. Catego       | ry:        | Student   |
| 1. Scores:                       |                                 |                 |            |   |
| 4.1 Novelty in addressing        | g the problem (10 points):      | 7               |            |   |
| 4.2 Differentiation from         | existing solutions (10 points): | 2               |            |   |
| 4.3 Size of the target man       | rket (10 points):               | 3               |            |   |
| 4.4 Benefits and advanta         | ges over competitors (10 poin   | ts): 2          |            |   |
| 4.5 Scope of employabilit        | ty (10 points):                 | 3               |            |   |
| 4.6 Scalability and sustai       | nability (10 points):           | 2               |            |   |
| 4.7 Feasibility of the time      | e line (10 points):             | 2               |            |   |
| 4.8 Realistic revenue for        | ecasts (10 points):             | 2               |            |   |
| 4.9 Potential risks (10 po       | pints):                         | 1               |            | 1 Pac   |
| 4.10 Social and Environ          | mental Impact (10 points):      | 3               | Call       | and Research Fandation  |
| 4.11 Opportunity and trapoints): | aining for our students (10     | 5               | aegent Edu | Cell chentship Con  |
| 5. Total Score (Out of 1)        | 10): 32                         | 6. Decision:    | Accep      | suomnus de Declined   |
| 6. Remarks, if any:              |                                 |                 |            |   |
| The project proposal is rej      | ected due to lack of clarity.   |                 | Rara l     | Principal<br>ducation & Research Foundation<br>(anthalia, P.OSewli Telinipara<br>rrackpore, Kolkata- 700121 |
|                                  | Sign                            | nature: agdasti |            |   |

Name: Clair person, Selection Committee

Designation:
Date: 22 /8/2018



## REGENT EDUCATION AND RESEARCH FOUNDATION

Group of Institutions

## "Entrepreneurship Cell"

ID: S1538850600

1. Name of the project:

## **Application Form**

\*\*\*Application form should be filled up with Acrobat reader 10 or higher\*\*\*

LocalMart Express

|                            | •           |
|----------------------------|-------------|
| 2. Abstract (Within 1500 c | haracters): |
|                            |             |

The startup called LocalMart Express wants to revolutionise the way people buy for groceries by seamlessly connecting them to local stores via a quick doorstep delivery service. The core of LocalMart Express is its dedication to promoting a feeling of community and supporting small local companies. We make sure that customers have access to a variety of high-quality products by collaborating with adjacent businesses, which also supports neighbourhood vendors and the development of the neighbourhood economy.

The heart of LocalMart Express is a user-friendly mobile app and website that let clients browse through a sizable catalogue of food products with just a few taps, from everyday necessities to speciality items. The platform has a user-friendly layout that makes ordering goods simple and enjoyable.

### 3. Outcomes (Explain the product in 1500 characters including the target customers):

The outcome of the LocalMart Express business idea is a thriving grocery delivery service that bridges the gap between local stores and customers, revolutionizing the grocery shopping experience.LocalMart Express achieves the following outcomes: Convenience and Time Savings, Access to Diverse Products, Empowerment of Local Businesses, Personalized and Customer-Centric Approach, Employment Opportunities, Community Engagement.

The target customer for LocalMart Express is diverse Busy Professionals, Families, Elderly People, Tech-Savvy Consumers, Food
Enthusiasts, Local Business Supporters

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| characters):   |   |                           |
|--|---|---------------------------|
| Innovative/Novelty Feature  1. Local Store Integration Recommendations 4. Supp | <ol><li>Community-Centric Appre</li></ol>   | oach 3. Personalized      |
| customer-centric grocery d<br>User-Friendly Platform, Ex                       | Mart Express revolves aroun<br>lelivery service -<br>tensive Product Range, Fas<br>Customer Support, Order Ti | at and Reliable Delivery, |
| 5, Industry Collaboration:   |   |                           |
| Do you already have a col  | laboration with Industry?   | No                        |
| If yes, give the followings:   |   |                           |
| 5.1 Company Name:  |   |                           |
| 5.2 Address:   |   |                           |
|  |   |                           |
|  |   |                           |
|  |   |                           |
| 5.3 Contact Person:  |   |                           |
| 5.4 Contact number:  |   |                           |
|  |   |                           |
| 5.5 Email:   |   |                           |
| 5.6 Details of<br>Collaboration:<br>(1000 letters)                             |   |                           |
|  |   |                           |
|  |   |                           |
|  |   |                           |
|  |   | 1                         |
| * Attach a separate sh   | neet if you have more than on   | e collaboration           |

4. Explain in detail the innovative/ novelty features of your "core offering" (Within 1500

\* Attach MoUs/Agreements/contracts etc, with the collaborating company

| -  | D 4 4    |        |
|----|----------|--------|
| n  | Protot   | yping: |
| v. | T T O CO | Abres  |

6.1 Whether prototyping is possible?

Yes

6.2 Whether prototype is already developed?

No

6.3 Detail of the timeframe to develop a prototype, performance etc.

Developing a prototype for the LocalMart Express grocery delivery startup involves creating a scaled-down version of the platform with the core features to demonstrate its functionality and potential. The technology needed are Mobile App Development, Web Development, Database Management, Data analytics, etc.

Generally, it can take anywhere from 2 to 6 months to develop a functional prototype.

- 1. Planning and Requirements Gathering: 2 weeks
- 2. Mobile App Development: 6 weeks
- 3. Web Development: 4 weeks
- 4. Database and Backend Development: 2 weeks

\*\*(Attach picture/screenshots of the prototype with the application, if already developed)

### 7. Expected time schedule of the project for the 1st year:

7.1 Quarter 1: | Month 1: Conduct Market Research and Feasibility Study

(500 character) | Month 2: Finalize Business Plan and Target Customer Analysis

Month 3: Develop Prototype and User Interface Design

**7.2 Quarter 2:** (500 character) Month 4: Begin Mobile App Development (Android and iOS)

Month 5: Initiate Web Development and Backend Implementation

Month 6: Integrate Payment Gateway and Database Management System

**7.3 Quarter 3:** (500 character) Personalization

Month 7: Implement Data Analytics and Machine Learning for

Month 8: Conduct Beta Testing and Collect User Feedback

Month 9: Refine and Improve Prototype Based on Feedback

7.4 Quarter 4:

Month 10: Perform Full-scale Testing and Quality Assurance

(500 character) | Month 11: Launch the LocalMart Express Platform

Month 12: Initial Marketing and Customer Acquisition Efforts

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|                                       | ibers:  |  |                  |  |  |  |
|---------------------------------------|---|--|------------------|--|--|--|
| Number of n                           | nembers/partners:   | 1  |                  |  |  |  |
| 8.1 Prime i                           | nember details:   |  | 1                |  |  |  |
| Name:                                 | BITTU GHOSH   |  |                  |  |  |  |
| Address:                              | AT-GOPALGANJ,P.O-ASWINKOTA,DIST-BANKURA,722141                        |  |                  |  |  |  |
| Phone:                                | 9093612416  | Highest Qualification:                                       | HS               |  |  |  |
| Email:                                | bittu.ghosh@gmail.cor   | n  |                  |  |  |  |
| Category:                             | Student   |  |                  |  |  |  |
|                                       | tails of all the partne<br>1 page biodata of eac                      | ers in the same format in a separate s<br>ch of the partners | sheet and attach |  |  |  |
| If Yes,                               | r company / LLP etc   | formed: Yes • N  | No               |  |  |  |
| If Yes,                               |   | formed: Yes • N  | No               |  |  |  |
| If Yes,<br>9.1 Na                     |   | formed: Yes • N  | No               |  |  |  |
| If Yes,<br>9.1 Na<br>9.2 Re           | me of the company:  | formed: Yes • N  | No               |  |  |  |
| If Yes,<br>9.1 Na<br>9.2 Re<br>9.3 Da | me of the company:<br>gistration number:                              | formed: Yes • N  | No               |  |  |  |
| If Yes,<br>9.1 Na<br>9.2 Re<br>9.3 Da | me of the company: gistration number: te of Registration: mpany Type: |  | No               |  |  |  |

## 10. Revenue generation model (within 1500 characters):

| to ensure financial sustainability<br>model:<br>Delivery Fees, Subscription Plar | Delivery Fees, Subscription Plans, Commission from Partner Stores, Featured Listings and Promotions, Premium Features and Add-ons, Bulk Purchases and B2B Services, |                      |  |  |  |  |
|--|---|----------------------|--|--|--|--|
| 11. Facilities applying For:   |   |                      |  |  |  |  |
| Finance If yes, amou   | unt (INR) for 1st year:   | 500,000.00           |  |  |  |  |
| Space  |   |                      |  |  |  |  |
| IT support such as webs  | site development, coding  | g etc.               |  |  |  |  |
| Industry linkage such as   | s MoU, training etc.  |                      |  |  |  |  |
| Legal advice/help in con   | npany formation, ITR e  | tc                   |  |  |  |  |
| Date: 10/07/2018   | Signature:  | Bitlu Ghosh          |  |  |  |  |
|  | Name: BITTU GHO   | OSH                  |  |  |  |  |
|  | Contact No: 9093  | 3612416              |  |  |  |  |
|  | Category: OSt   | udent Alumni Faculty |  |  |  |  |



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## "Entrepreneurship Cell"

## **Score Card**

| 1. Name of the project:           | LocalMart Express               |                                    |   |
|-----------------------------------|---------------------------------|------------------------------------|---|
| 2. Startup ID:                    | \$1538850600                    | 3. Category                        | Student   |
| 4. Scores:                        |                                 |                                    |   |
| 4.1 Novelty in addressing         | the problem (10 points):        | 3                                  |   |
| 4.2 Differentiation from o        | existing solutions (10 points): | 2                                  |   |
| 4.3 Size of the target mar        | ket (10 points):                | 8                                  |   |
| 4.4 Benefits and advantag         | ges over competitors (10 poin   | ts): 2                             |   |
| 4.5 Scope of employability        | y (10 points):                  | 6                                  |   |
| 4.6 Scalability and sustain       | nability (10 points):           | 5                                  |   |
| 4.7 Feasibility of the time       | line (10 points):               | 2                                  |   |
| 4.8 Realistic revenue fore        | casts (10 points):              | 2                                  |   |
| 4.9 Potential risks (10 poi       | ints):                          | 1                                  | Resciored A   |
| 4.10 Social and Environn          | nental Impact (10 points):      | 7                                  | To Entre  |
| 4.11 Opportunity and tra points): | ining for our students (10      | 1                                  | Sent Celi Celi Celi Celi Celi Celi Celi Celi  |
| 5. Total Score (Out of 11         | 0):                             | 6. Decision: Ac                    | cepted Declined   |
| 6. Remarks, if any:               |                                 |                                    |   |
| Scope of the project is not of    | upto the mark and matches wit   | Re                                 | Principal gent Education & Research Foundation Bara Kanthalia, P.OSewli Telinipara Barrackpore, Kolkata- 700121 |
|                                   | Sign<br>Nan                     | ature: agalastid  ne: Avik atost T | pastidar  |

Designation: Chair person, Selection Committee Date: 22/08/2018



**RERFGI Incubation Center** 

# INNOVATION INCUBATION ENTREPRENEURSHIP

Startupshala – The Innovation, Incubation and Entrepreneurship Center is a hub for start-up and corporate innovation & entrepreneurship

Regent Education and Research Foundation Group of Institutions





Principal
Regent Education & Research Foundation
Bara Kanthalia, P.O.-Sewli Telinipara

Barrackpore, Kolkata- 700121

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1. Preamble:

The Startupshala (Innovation, Incubation and Enterprise Center) at Regent Education and Research Foundation

Group of Institutions, Barrackpore, is created based on in-depth research into technological advancements, the

pool of potential engineering and technology graduates, and market trends. The goal of the plan is to establish

the Startupshala with assistance from the Industry and Government bodies in order to take advantage of the

talent and aspirations of engineering university graduates in order to create opportunities and generate wealth

while also addressing the present and long-term needs of both society and business. The RERFGI supports the

Startupshala Centre with the help of an Executive Committee of committed members including experienced

faculties, distinguished businessmen, and support Staffs.

2. Vision

To foster an environment that will assist young businesspeople with potential in starting and expanding ventures

that use cutting-edge, environmentally friendly, and socially conscious technologies.

3. Mission

To construct the stimulating procedures with the help of the faculties, alumni, and government

apparatuses while prioritizing the social/emotional/physical/cognitive development of the knowledge

eco system.

Ensure assistance with business development, networking, and relationship-building

Inspire students to adopt a healthy entrepreneurial and start-up culture and build the necessary

infrastructure for entrepreneurs.

To mentor and provide necessary training in the sectors of science & technology, business, finance, and

marketing

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4. Roadmap

Knowledge: Academic initiatives on entrepreneurship and innovation for students from all fields of study

**Research:** Creates an atmosphere that is conducive to social entrepreneurship research for academicians and

student researchers within the RERFGI campus.

Feasibility study: Allocate marketing team with the researchers to understand the available demand-supply chain

of the product

Collaborations: Collaborate with different research institutions and industry to increase the availability of

resources and laboratories.

Funding: Allocate budget as guided by finance experts and plan to make the start-up self-sustainable.

Marketing: Appoint a good marketing team to establish a self-sustainable business model.

5. Focus Areas of Startupshala

5.1 Electronics, Information & Communication Technology (EICT)

At present time, Kolkata is one of the major IT hubs in India. There are 900+ IT companies employing 145,000

professionals. Not only in software, SMEs like Sonodyne, Videocon, Vikram Solar, Websol Energy, Sankalp

Semiconductor etc. are the major hardware industries of Kolkata. 7 Brownfield Electronics Manufacturing Clusters

(EMCs) and 2 Greenfield EMCs at Naihati and Falta under implementation with assistance from the Government

of India are there to boost the Electronics sector. With this background, the proposed centre would draw a lot of

new generation entrepreneurs looking to launch their firms because of the booming EICT industry and the

abundance of technology-oriented people.

5.2 Education sector

The capital of the Indian state of West Bengal, Kolkata, has demonstrated significant potential for launching an

education-related enterprise.

• Education Hub: In eastern India, Kolkata has a long history of being a centre for education. Numerous

prestigious institutions, colleges, and schools are located there, drawing students from all over India and

even from nearby nations.

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Growing Population: Kolkata, which has a population of over 14 million, has a sizable clientele for a variety
of education-related services, including schools, coaching centres, vocational training facilities, and skill
development programmes.

• Demand for Quality Education: Both in the formal academic sector and in supplemental educational activities like tutoring, test preparation, and professional training, there is a significant demand for quality education.

• Initiatives from the government: The West Bengali government has started a number of initiatives to support education and skill development, which may open doors for enterprises in the education sector.

• Emerging EdTech Market: Kolkata has seen a rise in the usage of educational technology similar to many other cities. Businesses that offer digital material, instructional software, and online learning platforms have room for growth.

• Cultural and Literary Heritage: Kolkata's rich cultural and literary history fosters a climate that is favourable for learning and activities associated with education.

### 5.3 Manufacturing and Engineering

Kolkata and its neighbourhood are the industry hub of West Bengal. This region is home to a common facility to the Food & Beverage Manufacturers, Consumer Product Manufacturers, Chemical Industries, Transportation Equipment Manufacturing units, Health Care Products Manufacturers. Despite having such a strong manufacturing foundation, there are insufficient resources for developing new ideas, nurturing them, and turning them into profitable ventures. The suggested centre will eliminate the breach.

## 5.4 Environment Management

The city and its surrounds have experienced constant growth in industry, educational institutions, population, health care, and other services, which has led to the production of significant amounts of solid, liquid, and gaseous waste. For the municipal and district administration, this has grown to be a major burden. Both the quality of surface and groundwater is severely threatened. Modern methods of water treatment, conservation, and pollution control are required. It is necessary to use cutting-edge process modifications and treatment techniques to keep pollution from the mining, foundry, textile, and other engineering industries under control. Facilities for sewage treatment and the disposal of biomedical waste require expansion. To make the city smart, more effort is needed in developing technologies for water recycling, energy recovery from waste. The proposed centre will assist in opening up novel opportunities and promote private involvement in the growth and development of the city.

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### 5.5 Rural Development

Rural development is the process of enhancing the standard of living and financial security of residents of rural communities, which are frequently secluded and sparsely populated. Agriculture and forestry are two land-intensive natural commodities that have traditionally been the focus of rural development. A lot of central and state government schemes are available for improvements of rural area. But still a large rustic area is disconnected from the mainstream India. Entrepreneurs have a huge scope in this area.

#### 5.6 Assistance for Differently Abled Persons

The International Labor Organization (ILO) estimates that there are over 1 billion people with disabilities worldwide, with a total family disposable income of USD 1.2 trillion. A 9:1 return on investment will be achieved by investing in the provision of four assistive products: wheelchairs, prostheses, eyeglasses, and hearing aids. It has been believed that in order for people with disabilities to operate independently and move about freely, the environment must be specially designed. This Startupshala is built to provide the necessary support system to achieve the goal.

## 6. Collaboration:

RERFGI has the following MoUs with different Industries and institutes to (a) Entrepreneurial ecosystem development (b) Research collaboration (c) Core facility training -

|     |  | Date of     |  |
|-----|--|-------------|--|
| SI. | Company Name                           | MoU         | Purpose                                      |
| 1   | AaKash InfoWay Pvt. Ltd.               | 11/9/2021   | Training and visit, Guest lecture, Placement |
| 2   | J.R. Trade Impex Pvt. Ltd.             | 2/2/2022    | Training and visit, Guest lecture, Placement |
| 3   | Induji Technologies Pvt. Ltd.          | 14/09/2022  | Training and visit, Guest lecture, Placement |
| 4   | Anytecch Ventures Pvt. Ltd.            | 16/09/2021  | Training and visit, Guest lecture, Placement |
| 5   | Value Prospect Consulting              | 16/09/2021  | Training and visit, Guest lecture, Placement |
| 6   | Aich Appraisers Auctioners and Valuers | 18/07/2022  | Training and visit, Guest lecture, Placement |
| 7   | Keventer Argo Ltd                      | 27/09/2022  | Training and visit, Guest lecture, Placement |
| 8   | Rashmi Group                           | 29/12/2022` | Training and visit, Guest lecture, Placement |

## 7. Incubation Eligibility:

7.1 Any Student, Faculties, Research scholar, Staff and Alumni of RERFGI.

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7.2 The applicants shall agree to the terms and conditions of the RERFGI Incubator and have to enter into legal agreement with the incubator for incubation.

7.3 The start-up promoted by students & faculty of RERFGI be governed by RERRGI Innovation, Incubation and start-up policy for students, faculty and staff as approved by the Institute time to time.

## 8. Structure for Incubation Program

#### 8.1 Pre-incubation Stage:

Whoever with a potentially creative idea can be given access to a co-working space during the pre-incubation stage. The entrepreneur has responsibility for turning the concept into a proof of concept during this time and is ready to comprehend the technological viability of the idea. The SVUAIC Technology Business Incubator will assist the start-ups by providing the necessary networking opportunities or by providing mentoring. A company can be founded after a commercial technology or product idea has emerged, and the RERFGI Incubator can then be considered in the pre-incubation stage.

### 8.2 Incubation / Acceleration Stage:

In this stage start-up companies prototype the product development and prepare themselves for marketing. To speed up the incubation period, RERFGI can also provide a wide range of value-added services, such as entrepreneur trainings and seminars, skill development programmes, leadership programmes, and R&D facilities.

## 8.3 Application for start-up idea and innovation:

**ANNEXURE -2** 

## 8.4 RERFGI Start-up committee:

Refer to Section - 12

## **8.5 Source of Applications:**

- Students of RERFGI
- RERFGI alumni, Faculty and staff
- Registered students of MAKAUT and other universities
- Start-ups from Vicinity

8.6 Support:

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#### 8.6.1 Physical infrastructure:

- Furnished Co-working /Office Space
- Meeting rooms, Conference rooms and Pantry etc.
- Internet

#### 8.6.2 Advisory and coaching:

- Special training and Mentoring support by Management Team
- Participation in Events organized by RERFGI
- Company Registration
- Performance Review (Monthly / Quarterly)
- Evaluation by Start-up committee
- Legal and IPR support
- Auding through Chartered Accountant and fund raising.
- Marketing and Public Relationship
- Access to government schemes
- Suggestion from Domain expert/ Start-up expert

#### 8.6.3 Network:

- Business, professional, and expert network facilitation
- Facilitating connections with investors
- Facilitating connections with business
- Creating possibilities for showcasing
- Facilitating connections with government agencies

#### 8.6.4 Annual Performance Analysis:

- Evaluation by project Coordinator
- Evaluation by Domain expert/ Start-up expert

## 8.7 Allotment of Incubation space and Execution of Incubate agreement:

Successful applicants will get an allocation letter from the evaluation committee. Within seven days of receiving the communication, the applicant must accept the allocation, and the date of occupation must be informed. In order to confirm acceptance of the terms and conditions, the approved candidate must sign an agreement and

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send it to Startup committee within 30 days of accepting the allocation offer. If more information is required, the

applicant may be asked to provide it, and the RERFGI start-up committee incubator may request that the

executive summary, presentation, proposal, or project be revised as part of the due diligence process based on

the recommendations of the selection committee.

9. Admission Procedure:

9.1 Submit Executive Summary or Business Plan

The potential company should submit an Incubation Application along with its business plan, as the initial step in

the admissions procedure. Previously the applications were accepted through editable pdf form (Annexure II).

From 2021 onwards applications are accepted through our dedicated website startupshala.in (Annexure -IV). An

internal review committee to which RERFGI will deliver the executive summary will be asked for feedback on the

idea's technical and commercial viability.

9.2 Presentation to Evaluation Committee

The applicant will be required to present the business plan to the evaluation committee established by RERFGI if

the initial assessment of the business plan / executive summary is approved. The applicant will be informed of

the committee's choice.

9.3 Research & Due Diligence

As deemed necessary, RERFGI will perform due diligence on the applicant / company, the management team, the

industry, and current and upcoming competitive considerations. RERFGI must receive any additional details or

demands from the applicant. It is entirely up to RERFGI to consult with any number of governmental bodies.

9.4 Non-Disclosure

RERFGI will adhere to strict confidentiality throughout the application process.

10. Seed Loan:

Depending on the availability of finances and grants, RERFGI may offer seed loans. Only registered companies will

be eligible for seed loans, which will be granted depending on each company's qualities. Additionally, acceptance

into RERFGI does not immediately grant companies access to start up loans. A business that wants a seed loan

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has six months from the date of admission to the RERFGI to submit an application for a seed fund. The decision to sanction a seed loan will be based on the qualifying requirements established by RERFGI. It would also be subject to the conditions outlined in the RERFGI Seed financing Guidelines. The promoters' contribution to the capital of their companies will be one of the factors considered in approving the seed loan. Businesses who already have some revenue streams or some consumer order booking will be given preference. The decision of RERFGI in this matter shall be final. RERFGI shall have the sole discretion to approve or deny a request for a seed loan. If a request for a seed loan is denied, RERFGI is not required to provide any explanation.

## 11. Annual Registration Fee:

After signing up, the incubatee company will become a legitimate member of RERFGI and be eligible for all of the perks and services that RERFGI provides. The incubatee is required to pay RERFGI a sum of Rs. 1000/- (Rupees TEN Thousand Only) as the annual registration fee to be paid at the time of execution of this agreement and subsequently within fifteen days of the beginning of each year counted from the date of the agreement. They may continue to maintain their enrolment as long as they are permitted by the Governing Body of RERFGI to have a relationship with RERFGI as an incubatee.

## 12. Organising and Evaluation committee of the Centre:

- The executive committee is made up of industrialists and senior academic persons, each having experience in technology deployment, project management, and finance.
- The executive committee are professionals in technology, management, and finance who share the Center's vision and are prepared to lend their experience to help the Center carry out its purpose.
- The committee will keep an eye on and assess the Center's success in terms of the effects of the startups it has incubated.

## 12.1 Organising Committee:

| SI<br>No. | Name                   | Designation | Department        |
|-----------|------------------------|-------------|-------------------|
| 1.        | Dr. Suparna Panchanan  | President   | ECE eseasch Found |
| 2.        | Dr. Himeli Chakrabarti | Convener    | ECE S             |
|           |                        | <u> </u>    | Entrepreneurship  |

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Barrackpore, Kolkata-700121

Cell





| 3.  | Ms. Anamika Basu             | NIRF Coordinator                   | BSH |
|-----|------------------------------|------------------------------------|-----|
| 4.  | Dr. Chiranjib<br>Chakraborty | NISP Coordinator                   | BSH |
| 5.  | Mr. Subhadip Mondal          | Social Media<br>Coordinator        | CE  |
| 6.  | Dr. Suman Jana               | Internship Activity<br>Coordinator | EEE |
| 7.  | Mr. Sabyasachi<br>Mukherjee  | Member                             | ME  |
| 8.  | Mr. Supravat Basu            | IPR Activity<br>Coordinator        | MBA |
| 9.  | Mr. Krishnakanta Maity       | Innovation Activity<br>Coordinator | MCA |
| 10. | Mr. Sanjib Pal               | Member                             | EE  |
| 11. | Dr. Kaushik Dutta Roy        | Startup Activity<br>Coordinator    | CE  |

### 12.2 Selection Committee:

| SI. | Name                      | Organisation                | Designation on the Board |
|-----|---------------------------|-----------------------------|--------------------------|
| 1   | Mr. Avik Ghosh Dastidar   | BSH Department, RERFGI      | Chairperson              |
| 2   | Mr. Ritesh Agarwal,       | Owner & Director of Royal   | Member                   |
|     |                           | Balaji Engineering Pvt Ltd, |                          |
|     |                           | Dhulagarh, Howrah           |                          |
| 3   | Mr. Sudhansu Sekhar Dubey | Managing Director, Induji   | Member                   |
|     |                           | Technologies Pvt Ltd,       |                          |
|     |                           | Barrackpore, West Bengal    |                          |
| 4.  | Ms. Anamika Basu          | BSH Department, RERFGI      | Member                   |

13. Course of Action

Phase I: Planning (Six months)

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- Establish Organising Committee
- Initiate design and construction of site/facility
- Recruit committee Members
- Create and appoint Selection committee
- Identify opportunities in specific areas
- Development of a complete business plan of the Centre
- Receive funds to explore feasibility of establishing Startupshala at RERFGI

## Phase II: Project Implementation and Resource Development (within nine months)

- Invite proposals from interested candidates for startup facilities
- Evaluation and acceptance of the proposals
- Endorsement of Key Stakeholders' business plan.
- Finalize decision regarding structure and move forward to establish it.
- Enrol professionals for value-added resource network
- Write leases, agreements, by-laws, etc.
- Finalize service providing and implementation
- Implement marketing and PR plan for all stakeholders

## 14. Sustainability and Revenue Generation Model:

The aims and goals of the Centre give the University a model for long-term revenue production. Every quarter of a fiscal year, a formal progress evaluation must be finished, and reports must be given to the Board and to all stakeholders. The projected success for the first five years is shown in the figure.

| SI. | Topic   | 1 <sup>st</sup> Year | 2 <sup>nd</sup> Year | 3 <sup>rd</sup> Year | 4 <sup>th</sup> Year | 5 <sup>th</sup> Year |
|-----|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1   | The number of registered start-up companies   | 1                    | 2                    | 2                    | 3                    | 3                    |
| 2   | The number of companies that successfully graduate from the Centre                                    | 0                    | 0                    | 1                    | 2                    | 2                    |
| 3   | The percentage of incubating companies that successfully graduate against the target set by the Board |                      | 33%                  | 33%                  | 50%                  | 50%                  |

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| 4 | The number of jobs created on an annual basis | <br>3 | 8 | 15 | 28 |
|---|---|-------|---|----|----|
|   | within the Startupshala                       |       |   |    |    |

## 15. Conflicts of interest:

In case of conflict of interests the decision of Institute shall be final and binding upon the parties.

## 16. Disclaimer:

RERFGI does not guarantee success or feasibility for the companies it incubates, and it disclaims all liability for the actions or inactions of the incubatee company. However, in the event of such an occurrence, the incubator firm shall take all necessary measures to indemnify RERFGI or any RERFGI representative.





## ANNEXURE – I: List of Start-ups adopted by the Institute

| SI. | Name             | URL                                  | Sector    | Testimonial                   | Status                    |
|-----|------------------|--------------------------------------|-----------|-------------------------------|---------------------------|
| 1   | Career & Courses | https://www.career<br>andcourses.in/ | Education | Letter of<br>Intent submitted | Successfully<br>Graduated |
| 2   | School Dekho     | https://schooldekho<br>.org          | Education | Letter of<br>Intent submitted | Successfully<br>Graduated |
| 3   | Scholarship      |                                      | Education | Letter of<br>Intent submitted | In Progress               |



## ANNEXURE – II: Format of application for startup idea and innovation

| RE             | GENT EDUCATION AND RESEARCH FOUNDATION  Group of Institutions               |  |  |  |  |  |
|----------------|---|--|--|--|--|--|
| ID: SNaN       | "Startupshala"  |  |  |  |  |  |
|                | Application Form  |  |  |  |  |  |
| ***Applic      | ***Application form should be filled up with Acrobat reader 10 or higher*** |  |  |  |  |  |
| 1. Name of the | 1. Name of the project:   |  |  |  |  |  |
| 2. Abstract (W | Vithin 1500 characters):  |  |  |  |  |  |
|                |   |  |  |  |  |  |
| 3. Outcomes (F | Explain the product in 1500 characters including the target customers):     |  |  |  |  |  |
|                |   |  |  |  |  |  |
| Page 1 of 5    |   |  |  |  |  |  |
|                |   |  |  |  |  |  |



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| characters):                      |   |
|-----------------------------------|---|
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
| 5, Industry Collaboration:        | N. 1  |
| -                                 | ollaboration with Industry? No  |
| If yes, give the following:       |   |
| 5.1 Company Name:<br>5.2 Address: |   |
| 5.2 Address.                      |   |
|                                   |   |
|                                   |   |
| 5.3 Contact Person:               |   |
| 5.4 Contact number:               |   |
| 5.5 Email:                        |   |
| o.o Eman.                         |   |
| 5.6 Details of<br>Collaboration:  |   |
| (1000 letters)                    |   |
|                                   |   |
|                                   |   |
|                                   |   |
|                                   |   |
| * Attach a separate s             | sheet if you have more than one collaboration<br>ements/contracts etc, with the collaborating company |

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| 6.1 Whether prototyping is possible?  6.2 Whether prototype is already developed?  NO  6.3 Detail of the timeframe to develop a prototype, performance etc. |
|---|
| 6.2 Whether prototype is already developed?   |
|   |
| 6.3 Detail of the timeframe to develop a prototype, performance etc.  |
|   |
|   |
| **(Attach picture/screenshots of the prototype with the application, if already developed)  |
| 7. Expected time schedule of the project for the 1st year:  |
| 7.1 Quarter 1:<br>(500 character)   |
| 7.2 Quarter 2:<br>(500 character)   |
| 7.3 Quarter 3:<br>(500 character)   |
| 7.4 Quarter 4:<br>(500 character)   |
| Page 3 of 5   |





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| _  | iember details:   |         |               |            |        |          |       |
|--|---|---------|---------------|------------|--------|----------|-------|
| Name:                                      |   |         |               |            |        |          |       |
| Address:                                   |   |         |               |            |        | Upload   | Photo |
|  |   |         |               |            |        |          |       |
| Phone:                                     |   |         | Uighart       | Qualificat | ion: F | Yinlama  |       |
|  |   |         | Inguest       | Quanticat  | 10u. L | лрюны    |       |
| Email:                                     |   |         |               |            |        |          |       |
| Category: 5                                | Student   |         | PAN:          |            |        |          |       |
| DOB:                                       |   | 4       | Specialisatio | n:         |        |          |       |
| 9. Whether If Yes,                         | company / LLP etc   | formed: | Yes           |            | No.    |          |       |
| II Yes,                                    |   |         |               |            |        |          |       |
|  | 2.1   |         |               |            |        |          |       |
| 9.1 Nam                                    | e of the company:   |         |               |            |        |          |       |
|  |   |         |               |            |        |          |       |
| 9.2 Regi                                   | istration number:   |         |               |            |        |          |       |
| 9.2 Regi                                   | istration number:<br>e of Registration:                         |         |               |            |        |          |       |
| 9.2 Regi                                   | istration number:   | Other   |               |            |        | <b>.</b> |       |
| 9.2 Regi                                   | istration number:<br>e of Registration:<br>npany Type:          | Other   |               |            |        | <b>*</b> |       |
| 9.2 Regi<br>9.3 Date<br>9.4 Com            | istration number:<br>e of Registration:<br>npany Type:          | Other   |               |            |        | <b>.</b> |       |
| 9.2 Regi<br>9.3 Date<br>9.4 Com<br>9.5 Add | istration number:<br>e of Registration:<br>npany Type:<br>ress: | Other   |               |            |        | <b>*</b> |       |
| 9.2 Regi<br>9.3 Date<br>9.4 Com<br>9.5 Add | istration number:<br>e of Registration:<br>npany Type:          | Other   |               |            |        | <b>.</b> |       |

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| 11. Facilities applying For:  Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: ● Student  | 10. Revenue generation model ( | (within 1500 characters):                                 |
|--|--------------------------------|---|
| Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit) |                                |   |
| Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit) |                                |   |
| Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit) |                                |   |
| Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit) |                                |   |
| Finance  Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit) |                                |   |
| Space  IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: ● Student   | 11. Facilities applying For:   |   |
| IT support such as website development, coding etc.  Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)                 | Finance                        |   |
| Industry linkage such as MoU, training etc.  Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)  | Space                          |   |
| Legal advice/help in company formation, ITR etc  Date:  Signature:  Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)   | IT support such as wel         | bsite development, coding etc.                            |
| Date:    Signature:  | Industry linkage such          | as MoU, training etc.                                     |
| Name:  Contact No:  Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)   | Legal advice/help in co        | ompany formation, ITR etc                                 |
| Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)   | Date:                          | Signature:  |
| Category: Student Alumni Faculty  (**Take the print of the filled application form and sign before submit)   |                                |   |
| (**Take the print of the filled application form and sign before submit)   |                                |   |
|  |                                | (**Take the print of the filled application form and sign |
|  | Print                          | Detail Country  |
|  |                                |   |
| Page 5 of 5  |                                | Page 5 of 5   |





## ANNEXURE — III: Format of Score card of the application

| REGE                                    | NT EDUCATION AND RESEARCH FOUNDATION  Group of Institutions |
|---|---|
|   | "Startupshala"  |
|   | Score Card  |
| 1. Name of the project:                 |   |
| 2. Startup ID:                          | 3. Category: Faculty  |
| 4. Scores:                              |   |
| 4.1 Novelty in addressing               | g the problem (10 points):                                  |
| 4.2 Differentiation from                | existing solutions (10 points):                             |
| 4.3 Size of the target mar              | rket (10 points):   |
| 4.4 Benefits and advanta                | iges over competitors (10 points):                          |
| 4.5 Revenue streams and                 | 1 pricing strategy (10 points):                             |
| 4.6 Scalability and sustai              | inability (10 points):                                      |
| 4.7 Feasibility of the time             | eline (10 points):  |
| 4.8 Realistic revenue fore              | ecasts (10 points):   |
| 4.9 Identification of pote              | ential risks (10 points):                                   |
| 4.10 Social and Environ:                | mental Impact (10 points):                                  |
| 5. Total Score (Out of 10               | 00): 0 6. Decision: O Accepted Declined                     |
| <ol><li>Recomended facilities</li></ol> | s (Fund, Space, IT Support, Legal Support etc):             |
|   |   |
| Clear All                               | Signature:  |
| C/                                      | Name:   |
| Save                                    | Designation:  |
| Print                                   | Date:   |
|   |   |

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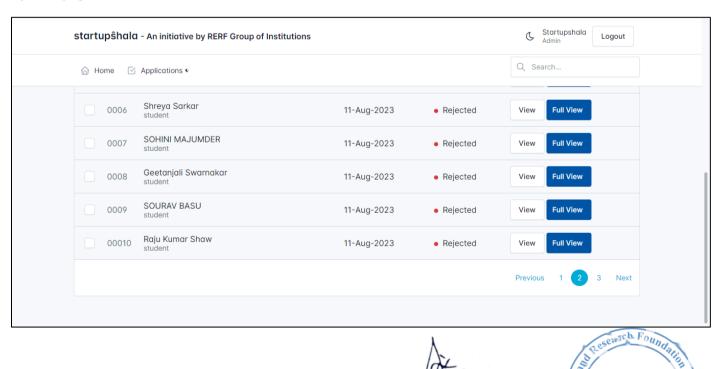


## **ANNEXURE – IV: Startupshala.in website**

#### Student login panel:

| <b>startupŝhala</b> - An Initiative By RERF Group Of Institu | tutions Institutes ~ Register Now |
|--|-----------------------------------|
|  | Sign In                           |
| Email  |                                   |
| Passw  | word                              |
| Forgot ye  | your password?                    |
|  |                                   |
|  | Need an account? Sign Up.         |
|  |                                   |
|  |                                   |

#### **Admin Panel:**





## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

The Ministry of Education (MoE), Government of India, has taken the initiative to establish the MoE's Innovation Cell (MIC) to support the instillation of a culture of innovation in Higher Education Institutions (HEIs). The MIC strives to foster entrepreneurial abilities in young people by assisting and encouraging them to come up with new ideas and turn them into prototypes. MIC intends to establish Institutional Innovation Councils (IICs) across India's HEIs. IICs of HEIs are developed to foster innovation by building a proper ecosystem.

The journey of the Institution's Innovation Council (IC202014857) at our institutions is very inspiring. It is started during the academic calendar year 2020-21. The institute's internal faculty members and student members constantly seek out new ideas and are inspired by the various activities that are listed under "My calendar Activity" of the institute. The council is also benefited from the participation of the outside parties, such as the business owner and an industry representative.

The vision of IIC cell is to foster creativity, critical thinking, idea creation, and entrepreneurial ability among students and faculty in order to translate their unique ideas into prospective enterprises for societal advancement.

#### The Missions are:

- 1. To foster an innovative culture inside the institute.
- 2. To provide laboratories, infrastructure, and mentoring to students in order to prepare them for national/international hackathons/championships etc.
- 3. To provide an ecosystem for multi-disciplinary collaborations, research, and innovation.
- 4. To improve students' communication, business, management, leadership, team spirit, and complex problem solving skills.
- 5. To raise awareness and ease the use of intellectual property rights
- 6. To instill and develop entrepreneurial abilities and skills in students.
- 7. To encourage the creation and development of student-led businesses.

Our Institute had achieved One Star during the IIC calendar year 2020-21 and Two Star during the IIC calendar year 2021-22.

Through the council meeting all members give insights on effective implementation of IIC activities and attainment of vision and mission of our IIC and the Institution as a whole. The institute is taking cartain measures in synchronization with the IIC to develop entrepreneurial ecosystem.

Principal Research Foundation of IIC activities and attainment of vision and mission of our IIC and the Institution as a whole. The institute is taking cartain measures in synchronization with the IIC to develop entrepreneurial ecosystem.

Campus: Regent Education & Research Foundation Group of Institutions
E-mail: rerfkolkata@gmail.com, Website: www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore P.O: Sewli Telinipara, P.S.: Titagarh

Kolkata - 700 121

Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresh Guha Street 7th Floor, Kolkata - 700 017



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## List of members of 2020-21

| Name of the Faculty        | Department | Key role/position |  |  |
|----------------------------|------------|-------------------|--|--|
| Member                     |            | D. Maria          |  |  |
| Prof. Mitra Sen Mazumdar   | MBA        | President         |  |  |
| Prof. Sukdeb Saha          | ECE        | Convenor/Member   |  |  |
| Prof. Sabyasachi Mukherjee | ME         | Member/Convenor   |  |  |
| Prof. Krishna Kanta Maity  | MCA        | Member            |  |  |
| Prof. Anamika Basu         | BSH        | Member            |  |  |
| Prof. Subhadeep Mondal     | CE         | Member            |  |  |
|                            | EE         | Member            |  |  |
| Prof. Asmita Guha          | EE         |                   |  |  |
| Chowdhury                  |            |                   |  |  |

#### List of members of 2021-22

| Name of the Faculty        | Department | Key role/position |  |  |
|----------------------------|------------|-------------------|--|--|
| Member                     |            |                   |  |  |
| Prof. Suparna Pannchanan   | ECE        | President         |  |  |
| Dr. Saurav Ganguly         | ECE        | Convenor          |  |  |
| Prof. Sabyasachi Mukherjee | ME         | Member            |  |  |
| Prof. Krishna Kanta Maity  | MCA        | Member            |  |  |
| Prof. Anamika Basu         | BSH        | Member            |  |  |
| Prof. Subhadeep Mondal     | CE         | Member            |  |  |
| Prof. Asmita Guha          | EE         | Member            |  |  |
| Chowdhury                  |            |                   |  |  |

### List of members of 2022-23

| Name of Member             | Department | Key role/position               |
|----------------------------|------------|---------------------------------|
| Prof. Suparna Panchanan    | ECE        | President                       |
| Dr. Himeli Chakrabarti     | ECE        | Convener                        |
| Prof. Subhadeep Mondal     | CE         | Social Media                    |
| Prof. Supravat Basu        | MBA        | IPR Activity Co-ordinator       |
| Prof. Krishna Kanta Maiti  | MCA        | Innovation Activity             |
| Prof. Anamika Basu         | BSH        | NIRF Co-ordinator               |
| Dr. Kaushik Dutta Roy      | CE         | Start-up Activity Co-ordinator  |
| Dr. Chiranjib Chakrabarti  | BSH        | NISP Co-ordinator               |
|                            | EEE        | Internship Activity Coordinator |
| Dr. Suman Jana             | EE         | Member                          |
| Prof. Sanjib Pal           | ME         | Member with county              |
| Prof. Sabyasachi Mukherjee | ME         | John arch reini                 |

Campus : Regent Education & Research Foundation Group & Lasticutions E-mail : rerfkolkata@gmail.com, Website : www.rerf.in

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## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

#### Events of 2020-21

Innovation Research Challenges in India

#### **Events of 2021-22**

- 1. IIC Regional Meets
- 2. How to Overcome The Hurdles as a Founder Startup
- 3. National Pollution Control Day
- 4. Session with Innovation Start-Up Ecosystem Enabler
- 5. Start Up Serving to An Excluded Market
- 6. Session on Achieving Problem-Solution Fit \_Amp\_ Product-Market Fit
- 7. National Science Day
- 8. E-Symposium On Building Innovation Ecosystem In Educational (Day1 & 2)
- 9. Workshop On Business Model Canvas (BMC)
- 10. My Story Motivational Session by Successful Entrepreneur Start-Up
- 11. Internal Competition Smart India Hackathon
- 12. Workshop On "Entrepreneurship And Innovation As Career"
- 13. Entrepreneurship and Innovation as Career Opportunity
- 14. Journey Of an Entrepreneur
- 15. Workshop on Design Thinking, Critical Thinking and Innovation Design
- 16. National Technology Day
- 17. Celebration of National Technology Day
- 18. Innovation Social Entrepreneurship-Think Big Start Small
- 19. Impact Of Data Market Research in Entrepreneurship
- 20. Entrepreneurship Skill, Attitude and Behavior Development
- 21. Invest In Mind
- 22. National Energy Conservation Day
- 23. Forming a Sustainable Startup From An Innovative Idea
- 24. My Story Of an Entrepreneur
- 25. Out of The Box Thinking for Problem Solving
- 26. MIC Driven Activity "Out Of Box Thinking"
- 27. Digital Technology and Health Innovations in a Pandemic World
- 28. A Session on Problem Solving and Ideation
- 29. My Story Motivational Session by Successful Innovators.
- 30. Journey Of a Creative Entrepreneur
- 31. Session on Innovation Prototype Validation Converting Innovation

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## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

#### Events of 2022-23

- 1. Entrepreneurship Skill, Attitude and Behaviour Development
- 2. World Entrepreneur Day
- 3. Education Day
- 4. Azadi ki Amrit Mahotsay
- 5. Engineers Day
- 6. National Youth Day
- 7. MSME Tool Room Visit
- 8. National Pollution Control Day
- 9. Environment Day
- 10. Innovation Prototype

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## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

## **Robotics Club of the Institute**

The Robotics Club of Regent Education & Research Foundation Group of Institutions was formed in the year 2021 for students and faculty members interested in robotics and automation technologies. The club promotes practical learning, skill development, and creativity in the field of robotics through workshops, projects, contests, and knowledge-sharing sessions.

#### The objectives of the Robotics Club are:

- to increase awareness of and interest in the field of automation and robotics.
- To provide a platform for students to collaborate, learn, and work on robotics projects.
- To enhance practical skills in designing, building, programming, and operating robots.
- To participate in robotics competitions and showcase the capabilities of the club members.
- To contribute to the advancement of robotics research and applications

#### **Activities of the Cell:**

- Workshops: The club will host workshops on a range of robotics-related subjects, including fundamentals of robotics, microcontroller programming, sensor integration, and more.
- Projects: Members will have the chance to work on robotics projects alone or in groups,
   promoting experiential learning and real-world application of principles.
- Competitions: The club will participate in national and international robotics competitions, encouraging members to showcase their skills and innovation.
- Guest Lectures: The club will invite experts and professionals from the robotics industry to deliver talks and share insights with members.
- Outreach: The club may conduct outreach programs, demonstrations, and workshops in local schools and communities to promote robotics education.

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## Robotics Club Policy Document

## 1. Introduction:

For students interested in robotics and automation technologies, the Robotics Club of the Regent Education and Research Foundation Group of Institutions aspires to develop a creative and collaborative atmosphere. The club promotes practical learning, skill development, and creativity in the field of robotics through workshops, projects, contests, and knowledge-sharing sessions.

## 2. Objectives:

The objectives of the Robotics Club are as follows:

- to increase awareness of and interest in the field of automation and robotics.
- To provide a platform for students to collaborate, learn, and work on robotics projects.
- To enhance practical skills in designing, building, programming, and operating robots.
- To participate in robotics competitions and showcase the capabilities of the club members.
- To contribute to the advancement of robotics research and applications

## 3. Membership:

- A. Membership is open to all students of Regent Education and Research Foundation Group of Institutions who have an interest in robotics, irrespective of their academic year or department.
- B. Interested students must register with the club through the official registration process to become members.
- C. Members are expected to actively participate in club activities, attend meetings, and contribute to projects and events.
- D. There is no membership fee.

## 4. Club Structure:

- 4.1. The club will be governed by a Core Committee made of faculty members.
- 4.2. The core committee will consist of positions such as President, convenor, Secretary, Event Coordinator and other members.
- 4.3. Core committee should contain at least one faculty member from each department.
- 4.4. All the student members will be part of Extended Committee.



Group of Institutions

## 5. Activities:

- 5.1. Workshops: The club will host workshops on a range of robotics-related subjects, including fundamentals of robotics, microcontroller programming, sensor integration, and more.
- 5.2. Projects: Members will have the chance to work on robotics projects alone or in groups, promoting experiential learning and real-world application of principles.
- 5.3. Competitions: The club will participate in national and international robotics competitions, encouraging members to showcase their skills and innovation.
- 5.4. Guest Lectures: The club will invite experts and professionals from the robotics industry to deliver talks and share insights with members.
- 5.5. Outreach: The club may conduct outreach programs, demonstrations, and workshops in local schools and communities to promote robotics education.

## 6. Code of Conduct:

- A. Members are abide by the rule and regulations of the institute, as applicable.
- B. Members are expected to maintain a respectful and inclusive environment, valuing diverse perspectives and ideas.
- C. Collaboration and knowledge-sharing are encouraged among members.
- D. Respect for equipment, facilities, and safety protocols is mandatory during club activities.
- E. Plagiarism and unauthorized use of others' work are strictly prohibited.

## 7. Funding:

The club will look for finance in a number of ways, such as institutional backing, sponsorships, and fundraising activities. The Core committee will publicly handle funds and use them for club activities, workshops, initiatives, and competitions.

## 8. Amendments:

This policy document may be amended by the core committee with a majority vote. Proposed amendments must be communicated to all members in advance.

## 9. Review of Policy:

This policy document is subject to change and will be reviewed periodically to ensure its relevance and effectiveness.



## **REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS**

#### IPR CELL OF THE INSTITUTE

Regent Education & Research Foundation Group of Institutions formed the Intellectual Property Rights Cell (IPR Cell) for the management of the intellectual property in which the institute has stake/share, technology transfer activities and for the implementation of the I.P.R. Policy. The IPR Cell came into existence since the academic year 2021. The Institute encourages its faculty members and students to conduct and publish research innovations through research papers and patents.

#### **Objectives:**

- i) To educate the faculty and students of the Institute about the concept of IPR.
- ii) To educate researchers and inventors on the relevant IPR laws and regulations and to assure their compliance.
- iii) To encourage and provide the necessary support in terms of funds or infrastructure to the faculties and students leading to invention of new technology.
- iv) To establish a transparent administrative framework for the management, transfer, and ownership of IPR, as well as for the revenue-sharing arrangement between the Institute and the inventor(s).
- v) To safeguard participants in the institute's sponsored programs, initiatives, and other endeavors from potential ownership disputes in the future.
- vi) To motivate scientists to develop original products from their research for the benefit of the wider community of scientists and society.

#### POLICY DOCUMENT OF IPR CELL ON INTELLECTUAL PROPERTY

The Intellectual Property Cell of the Regent Education & Research Foundation Group of Institutions plays a crucial role in giving an organization a competitive edge, and by establishing this policy, the institute is moving closer to creating something innovative that will be used for the benefit of society. All parties involved in sponsored schemes, projects, etc. can refer to the RERFGOI's Intellectual Property Rights (IPR) Policy for guidance.

#### **Members of IPR Cell:**

An eminent faculty member of the institute will head the IPR cell in the capacity of IPR Coordinator, with the respected Principal providing advisory support.

The constitution of the IPR cell is as follows:

Chairman: Principal

Co-Chairman: IPR Coordinator

Members: Single point of contact (SPOC) from every academic department. Each department has the

departmental IPR Coordinator who will monitor the IPR activities of the said department.

Eminent personalities from reputed academic / research / industrial institutes will act as external

experts to monitor the activities of the IPR cell.

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## REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

#### Responsibilities of the IPR Cell:

- i) To publish or advertise the intellectual property as it sees fit, or to delegate management, usage, licensing, and protection of intellectual property to the institute's expert agency established for this purpose.
- ii) To make an effort to negotiate and manage contracts in accordance with the policies and guidelines for intellectual property in a way that benefits the inventor and the institute.
- iii) To offer whatever legal assistance deemed desirable or required for the protection of the institute's intellectual property.
- iv) To create the legal framework required to achieve the technology transfer goal.
- v) To offer any necessary legal and administrative assistance following such realization.
- vi) Managing conflicts of interest includes establishing agreements that are compliant with both the Act and the Laws.

#### **Evaluation of Intellectual Property:**

- i) The IPR Cell of the Institute will conduct the evaluation of Intellectual Property.
- ii) Evaluation of IP means: a) Allocating IP ownership.
  - b) Evaluating an IP to see if it is novel and suitable for filing in India and other countries.
  - c) Evaluating the likelihood of commercialization of the IP.
- iii) Inventors may receive half or full support for processing, licensing, and filing their intellectual property (IP) if the IPR cell determines it is appropriate following IP examination.

#### **Contracts and Agreements:**

The institute must authorize any agreements involving intellectual property (IP), including but not limited to those in the following categories, entered into by any RERFGOI employees or students:

- i) Allegiance, Affirmation and Confidentiality Agreement.
- ii) Evaluation Agreement.
- iii) License Agreement.
- iv) Technology Transfer (Commercialization) Agreement.
- v) Alternative Dispute Resolution Agreement.
- vi) Classified Information Non-Disclosure (specific) Agreement.
- vii) Any other Contract/Agreement (implied or express) pertaining IP for better interest of the institute.

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## **REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS**

## **List of Patent**

| SI. No. | Title of the Patent   | Name of the Faculty  | Patent No./<br>Registration No. | Status (Filed /<br>Published) | Year | Amount |
|---------|---|--|---------------------------------|-------------------------------|------|--------|
| 1       | A system of synthesizing Se50-<br>xTe30Sn20Sbx chalcogenide glass   | Dr. Dipankar Biswas  | 202022104505                    | Published                     | 2022 | 35000  |
| 2       | Glass composition (Ag2O-MoO3-<br>P2O5) to determine the effects of<br>silver sulfide on electrical<br>conductivity and dielectric<br>relaxation | Dr. Dipankar Biswas, Dr.<br>Rahul Kanti Nath, Dr.Pabitra<br>Maji, Debtanu Patra, Mr.<br>Sabyasachi Mukherjee, Mr.<br>Puspendu Chandra Chandra,<br>Mr. Arpan Mandal | 202022106386                    | Published                     | 2022 | 45000  |
| 3       | ROAD SAFETY INDICATOR DEVICE  | Mr. Sabyasachi Mukherjee   | 367798-001                      | Published                     | 2022 | 30000  |
| 4       | HYBRID CROW-SEARCH ALGORITHM WITH PARTICLE SWARM OPTIMIZATION IN LOAD FREQUENCY CONTROL (LFC).  | Dr. Arindita Saha  | 2021105834                      | Published                     | 2021 | 30000  |
| 5       | A METHOD FOR SYNTHESIZING BI- INCORPORATED AS30-SE(70-X)-BIX CHALCOGENIDE GLASSES BY DEPLOYING THE CONVENTIONAL MELT QUENCHING METHOD           | Dr. Abhijit Biswas, Dr.<br>Pabitra maji, Bidyut Kumar<br>Ghosh, Arpan Mandal, Dr.<br>Chiranjib Chakraborty from<br>our college                                     | 2023/02850                      | Filed                         | 2023 | 45000  |

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