

Sullamussalam Science College Areekode

7.3.1 – Institutional Distinctiveness 2022-23

Sullamussalam Technology Business Incubator (TBI) - Nurturing Innovation in Collaboration with Leading Companies

Annual Report 2022-23 RESEARCH INNOVATION & STARTUP ECOSYSTEM











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A. About RISE

Research Innovation &Startup Ecosystem is the Technology Business Incubator hosted by Sullamussalam Science College. RISE aims to ensure that backward, rural minority classes of the Malabar region become an active part of a global economy and leaders in developing innovative, sustainable & successful technology. There are very few TBIs in the Malabar region, which also hosts one of the most densely populated districts in the state, Malappuram. The human resources in this region are often overlooked due to lack of ample higher education institutions as well as other sociocultural factors.

RISE aims to ensure that the local youth get ample opportunities to make use of its resources to incorporate global technology to find solutions for local problems and cultivate a new culture that incorporates both local & global trends.

• Journey of RISE established at the institute

Our college is proud to house an established Innovation and Entrepreneurship Development Center (IEDC) since 2015, which has recently undergone an exciting transformation. In 2022, it was upgraded to a Technology Business Incubator (TBI), the Research Innovation & Startup Ecosystem (RISE), with a grant from the Kerala Startup Mission . Sullamussalam Science College became the first Arts & Science college in Kerala to establish a TBI, reflecting our commitment to fostering entrepreneurial talent among our students. RISE provides infrastructure, technology, finance, research assistance, mentorship, and consultation to startups. It is open to students, faculty, alumni, Areekode natives, and the youth of Malappuram. The TBI aims to create job opportunities and transform the Areekode & Malabar region into a globally recognized technological hub.

• Diversified representation in the RISE established at the institute from industry, Interdisciplinary & Departments/ Units, etc.

o Startup / Alumni Entrepreneur: Mr Hasin Mahsool, COO & CoFounder (Teqnius Innovations Pvt Ltd)

o The expert from nearby Industry / Industry association/ Ecosystem Enabler: Mr Suhail VP (CEO, Nucore Software Solutions)





o FI/ Bank Investor/ Angel Investor/ VC: Mr Ashique, Company Secretary, ASA Associates

o Incubation Centre: Mr Muneer VK, Nodal Officer, IEDC

B. Brief mention of key functionaries at the RISE

- Chairman: Dr P Muhamed Ilyas ,Principal -Sullamussalam Science College
- Chief Executive Officer: Muhammed Yasir NV(CEO, Yara Communications)
- Operations Manager: Ms Amila Anjum
- Advisory Board consisting of faculties from the institution and visionaries of the locality.

C.Highlight Facilities, Infrastructure of Incubation center, and Student bodies/clubs engaged in the promotion of Innovation and Entrepreneurship on the campus.

- Spanning across an impressive 2000 square feet, the TBI offers a professional and corporate environment, providing our aspiring entrepreneurs with the ideal setting to develop their startup concepts. With a seating capacity of 36, RISE is currently occupied with 28 seats, and daily inquiries continue to pour in.
- Our sister concern, IEDC, coordinates student innovations and entrepreneurial activities on campus. As the first arts and science college to host an IEDC, our students have made a significant impact in the academic realm.

D.Highlight Achievements

- IEDC Upgradation Grant Received from the Kerala Startup Mission: RS 10,000,00/-
- Number of patents filed: 1
- Number Startups onboarded in an year: 10
- Number of Student Startups: 2
- Number of incubated startup secured grant from any agencies: 1(Productization grant worth RS 7,00,000/- was secured by Climebot Innovations Pvt.Ltd)
- Triz Learning secured place in the 10 startups selected by the Startup India to participate in India-ASEAN Startup Summit to be held in Malaysia





E. Highlight selected start-ups established with mention of founder/cofounder name

Sl No	Name	Founder Name	Company profile
1.	Climebot Innovations	Mr. Muhammed Sadique	ClimeBot Innovations actively works towards addressing the challengesposed by the current climate change scenario which necessitates the adoption of innovative approaches formonitoring ,investigating,analyzing,andinterpreting atmospheric dataobtained through advanced research facilities. This startup was selectedforProductization Grant 2023 of KSUM
2.	Medulla	Dr.Nimil Salam	Medulla is a learning tool for Medical students all around India to strengthen their understanding of medicine through easy and comprehensive way. They aim to help the up and coming medical students to be better physicians with helping them have a stress-free journey and achieve the best ranks for their PG exams such as NExT, NEET PG etc
3.	Triz Learning	Mr.Fawaz Noor	TRIZ Learning is an innovative, integrated science learning platform designed to cater to the evolving requirements of undergraduate and graduate students. It provides a unique learning environment that not only helps students excel in their undergraduate semester exams but also offers a smart training program for top M.Sc. entrance examsand competitive career exams
4.	Dotco	Mr.Shamsar U	Dotco is an aspirational startup founded and operated by third-year students from Sullamussalam Science College. Its primary objective is to empower college students by bridging the gap between the academic and professional worlds through industry-relevant activities. By providing opportunities to explore a wide range of tech and non-tech sectors, Dotco assists students in identifying their interests and aptitudes.
5.	Biodive	Mr.Shamil Salam	Biodive's initiative to reduce plastic waste and poverty in India is revolutionary and it holds the potential to bring about significant positive change to India and also to the world. By empowering poor people to collect plastic waste from their surroundings and converting it into useful products, they not only plan to address the problem of plastic pollution but also provide the beneficiaries with a source of income and improve their livelihoods.





6.	KINDLED	Ms.Fathima Isra	Found by a group of psychologists,KINDLED goes beyond traditional psychological support, offering a range of specialized services designed to enrich the experience for anyone and everyone.To equip people with practical tools and insights to nurture your mental and emotional growth.Empower to navigate challenges with resilience.Their programs focus on building emotional intelligence, stress management, and coping skills, laying the foundation for a successful journey.
7.	TEQNIUS INNOVATIO NS	Mr.Hasin Mahsool	As a growth, the company offers innovative and effective solutions to help brands thrive. They provide a wide range of services, including website design, social media marketing, SEO, email marketing, content creation, and more.
8.	BIZTRIPZ Solutions	Mr.Jasir Alavi	BizTripz is a new approach to managing corporate travel. Their cloud based SaaS solution gives corporate companies the ability to take control of everything from managing the traveler profiles and controlling the trip requisitions flows to having almost real-time insights in to the organization's travel program while staying connected to the contracted travel service providers of their choice.
9.	Creative Advertisement and Technologies (CAT)	Mr.Asil Adnan	CAT (Creative Advertisement and Technologies) is an experience design company which originally was a group of freelance graphic designers and web developers. The goal was to innovate User Interfaces, while keeping them simple and easy for all kind of users, with a no- compromise in the aesthetics department. Now the original individuals being mentors, for the selected upcoming prodigies who wants to pursue a career in arts and/ or programming; Serving two sides, assisting the businesses, mostly startups, in branding, marketing, software and online presence related needs. Meanwhile putting an effort into transforming graduates to professionals with commercial level experience and being ready for the market.
10.	Chatlearn	Mr .Muhammed Shahil	A platform where coding meets convenience and education becomes interactive! A dynamic student -led startup revolutionizing the way students learn coding, catering to individuals from the 8th standard to the degree level. With our unique approach, we bring the world of coding right to your fingertips through the convenience of WhatsApp.





F. Various Events hosted by the RISE



RISE organized a Business PITCH DAY on October 17th, 2022, where nine companies and three student ideas were presented to a panel of experts from various fields. The event was part of the college's efforts to incubate startups within its recognized TBI with funding from the Kerala Startup Mission. The companies that pitched their ideas were from diverse

fields such as e-commerce, waste management, education technology, and virtual queue management.9 companies were selected after screening to pitch their ideas infront of eminent panel including industrialists, company secretaries, Marketing experts and representative from the Kerala Startup Mission. The program began at 9:30 am and concluded by 4 PM.









• The Chairman of Malabar Group of Companies, Mr MP Ahamed visited the incubator on 16th Feb 2023 as part of the "Meet the Leader" program, which offers entrepreneurs the chance to engage with and learn from accomplished industry leaders. During his visit, Mr Ahamed spent valuable time interacting with the incubatees and sharing his knowledge, experience, and insights into the business world. He provided valuable guidance and suggestions to help the entrepreneurs refine their ideas and strategies, drawing on his vast experience and expertise. Moreover, he also expressed an interest in investing in some of the incubatees' businesses, recognizing their potential and the viability of their ideas. This offer of investment opportunities from the Chairman of such a prestigious organization is a significant boost to the incubatees, who can use it to scale their businesses and bring their ideas to fruition.











On January 12, 2023,the CEO of KSUM,Mr. Anoop Ambika,

and his team visited Sullamussalam Science College to discuss entrepreneurial activities on campus. They had a luncheon meeting with the college officials, including the Principal and Directors of RISE, followed by a discussion on the college's journey in building a TBI. The KSUM team gave insights on funding opportunities and collaboration with other institutions and industries. They also visited RISE and the IEDC lab to interact with incubates and students and provide guidance on entrepreneurship. The visit aimed to promote entrepreneurial growth and development on campus and explore possibilities for collaboration in the future









А networking called event "Evolve," which aimed to foster collaboration among researchers, innovators, and entrepreneurs. The organized by RISE event. (Research, Innovation, and Startup Ecosystem) - the first Technology Business Incubator (TBI) among Arts & Science Colleges of Kerala, gathered the brightest minds of Areekode locality to discuss how they can contribute to catalyzing

development in the Ernad region. With selected students, RISE incubatees, and faculty in attendance, the event witnessed active participation from a total of 45 members. The focus of the event was to understand the critical role of research, innovation, and entrepreneurship in contemporary education. Attendees were treated to an interactive session, where panelists shared their insights and experiences, keeping the discussions lively and informative.







ELEVATE was a captivating program dedicated to celebrating the remarkable achievements, and the resilient spirit of both students and alumni who have defied conventional

heights.More than just an event, ELEVATE is a heartfelt tribute to those who have dared to rewrite limits, showcasing their inspiring journeys and triumphant stories that define the essence of our community.The program featured distinguished guests including Dr. MK Jayraj (VC, UOC), Prof NV Abdurahiman (Manager). Notable honorees, such as Mr. Shibly Ameen (Co-Founder, Team Interval), Fawaz Noor (Founder, Triz Learning), and the accomplished Team Project U (First place in Future Malappuram Hackathon) are also recognized for their outstanding contributions.The event highlighted the achievements of individuals like Ashif (First place in Top 100 Coders), showcasing the talent and dedication within the community. With active participation from students, faculty, and members of the management committee, ELEVATE promises to be a memorable gathering where the collective success and progress of the locality is celebrated with admiration.









G.Challenges

1.**Registration Issues:**We are currently facing challenges related to our registration as a section 8 company, which has temporarily impacted our activities, including the official inauguration of the TBI. We are actively working to resolve this issue.

2.Need for Strong Mentorship: While we have made significant progress, the need for strong mentorship and experienced guidance remains critical for the growth and success of our startups. Establishing a board of mentors is on our agenda to further enhance our support system.

3.**Financial Constraints**: Financial constraints have been a limiting factor in diversifying our operations. We are exploring funding opportunities and partnerships to address this constraint.

H.Future Vision:

Considering our achievements and aspirations as one of the best insitution in Kerala for the research in Computer Science, especially in vernacular languages, our vision is to become an eminent center for translational research in the region where the brightest minds of our locality can collaborate to translate their research into





impactful ventures. We aim to overcome our challenges and continue providing a nurturing environment for innovation and entrepreneurship. The establishment of a board of mentors and a pool of investors is on our agenda to further enhance our support system.

I. Conclusion

1.**Startup Incubation**: Over the past year, we have successfully incubated 10 companies representing diverse industry sectors, and notably, two of these startups have emerged from our own student body. This reflects the fertile ground for innovation that our institution provides.

2.**Infrastructure Enhancement**: With the upgrade of our Innovation and Entrepreneurship Development Centre (IEDC) to a full-fledged Technology Business Incubator and the receipt of a grant, we secured additional funds for expansion. This allowed us to construct a best in class , 2000 sq. ft. facility with a corporate atmosphere. The incubator now has 36 seating spaces, out of which 27 have already been occupied by promising startups.

3.**Collaborations and Partnerships**: In partnership with IEDC, we organized successful Idea Fests and Business Pitch Days. These events were graced by eminent professionals from various industries. Additionally, we were able to host investors and influencial people from the startup Ecosystem. We take pride in our incubatees who have marked their space in various events.

4.**Research and Development Initiatives**: We have been actively fostering a culture of research, innovation, and entrepreneurship. Various programs and events have brought together researchers, innovators, and entrepreneurs. Our advisory board has been instrumental in guiding our progress.

5.**Intellectual Property (IP) Support**: Our IP support programs have enabled faculty members from SS College to register their intellectual property, fostering an environment of innovation and protection of ideas.

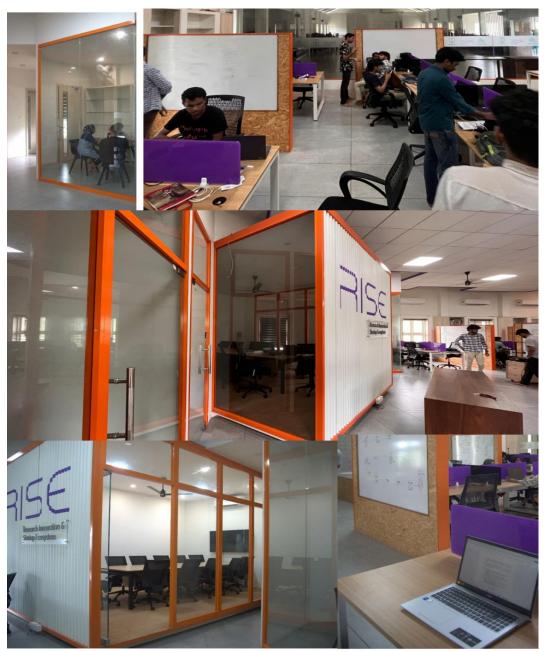
6.**Global Collaborations**: We have successfully secured collaborative partnerships with premium research institutions in India and abroad, enhancing our global outreach and potential.

The progress made by the RISE Technology Business Incubator in its first year is commendable, and we are excited about the potential for growth and innovation in the years ahead. Our commitment to fostering local talent and research remains





unwavering, and we look forward to overcoming our challenges and achieving even greater success.



J. Images of the incubation center

J. Contact:

Ms. Amila Anjum Operations Manager, RISE_TBI-SS College Linkedin:www.linkedin.com/in/rise-ss-college Instagram:https://instagram.com/ss_rise_tbi





APPENDIX

i. List of Interns recruited at incubated companies



No. INERN/2023/01

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Greetings from ClimeBot Innovations!

After scrutinizing the application received for the position - "Institution Intern", the following are selected. Their tentative areas of work also assigned.

Welcome to the ClimeBot family!

No.	Name	Area(s) of Work	
1.	Shinana Uzhunnan	Data Analysis / Public Relations / Marketing	
2.	Eesa Bin Zakariyya	App Development / Data Analysis	
3.	Shahama Sherin	App Development / Data Analysis	
4.	Basila T O	Marketing / Public Relations	
5.	Fahad M.K	Marketing / Device Development /	
5.	Fanad M.K	Public Relations	
6.	Muhammed Shahil A K	Device Development / Public	
0.	Mulainineu Shann A K	Relations	
7.	Muhammed Arshad Khan	Data Analysis / Device Development	
8.	Sinan Rahman AK	Device Development	
9.	Nabeel Nazer	App Development / Device	
7.	Naucci Mazer	Development	

[Note that, your position will be confirmed after accepting the terms and conditions of the company. The declaration form will be circulated in due course]

-/Sd HR Manager ClimeBot Innovations Pvt. Ltd Kochi / Areekode

n & Starup Ecosystem nth in Sullamussalam Science College, Areekode







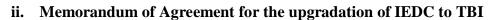
TBI, SS College Areekode Malappuram Po. 673 639 tbi@sscollege.ac.in 9446087431

List of Stu	dents Enrolled fo	r Internship at M	edulla incubated at RISE - TBI

SI No	Name	College	
1	Raseel Kunikkadan	Sullamussalam Science College Areekode	
2	Favas	Sullamussalam Science College Areekode	
3	Ismail Najeeb Farook College		
4	Lezin	Farook College	
5	Hadi Bin Noor	Farook College	
6	Muhammed Shiyas N	Farook College	
7	Zajil	Farook College	
8	Ameen Farook College		
9	Faheem	Farook College	









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DR 783039

Memorandum of Agreement

This Memorandum of Agreement (the "MOA") is made on this the 31st day of March, 2022 at 2 P.M

BETWEEN:

Technopark Technology Business Incubator (Kerala Startup Mission), a society registered under the Travancore Cochin Literary, Scientific and Charitable Society Act of 1955, having its Registered office at, Technopark Campus, Kariyavattom, Thiruvananthapuram 695-581, Kerala represented by its Chief Executive officer (Hereinafter called KSUM) which expression shall include its successors and assigns) of the FIRST PART

AND

Sullamussalam Science College an institution affiliated to NAME OF THE UNIVERSITY, and having its Administrative Office at Areekode (hereinafter referred as "COLLEGE"), which expression wherever the context means and requires will include its successors in interest and permitted assigns, represented by its Principal Dr. Muhamed Ilyas. P of the SECOND PART

In this MOA, KSUM and COLLEGE shall be collectively referred to as the "Parties" and individually as a "Party" as the context may require.

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WHEREAS: -

кѕим	Principal - Incubator	
maria a Amie	3.2022 DE DO/- DEMUHAMED ILYAS P PRINCIPAL SULLAMUSSALAM SCIENCE COL ARC - DOLUCEMPURAM (20) - Jame 200 Ward in edge 200 PPURAM(Dr), Prin-67.000	





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DR 783005

College is working as IEDC- Innovation and Entrepreneur Development Centre, for the development of new entrepreneurs and to promote innovation.

College has developed itself to the category of Incubator as per the Incubator guidelines of the Startup Mission and hence has proposed to be elevated to the position of Incubator .

KSUM after analysing the College as per the above guidelines has agreed to elevate the status of the College from IEDC to Incubator based on the below terms and conditions.

1. Obligation of INCUBATOR

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The Government of Kerala, in its Kerala Startup Policy 2017, has recommended setting up of Technology Business Incubators to create sufficient area for incubation of startups. As per the Policy Government has issued orders in G.O (Rt) No. 285/2017/ITD dated 12.11.2017 for implementing the scheme for establishment of space for supporting incubators. In furtherance of this, the College has approached KSUM for supporting to set up a incubator with special focus on student entrepreneurs at the space available with them having an area of

Ē Principal - Incubator KSUM 27969 30.3.2022 120/- 2 weges 232025 mg 30.3.2022 120/- 2 weges 232025 mg 30.2005 mg 41200 m CALLAN അ.സ.റ.ആം Ag വെണ്ട്രപ് കെ പാത്തിരരോഷ്നി 🔂







2000 square feet in College Building,......Malappuram.......Kerala, / Survey No...228/1, Areekode Village, Ernad Taluk, Malappuram District, Building No AP3/189, Ward No...3.

The College has undertaken the following: -

- 1. Min 2,000 sq feet space will be provided by COLLEGE exclusively for setting up the incubator with capital assistance from KSUM.
- 2. COLLEGE shall preserve the Mission and Vision of the proposed Incubator and generate outcomes as projected in the proposal submitted to KSUM.
- 3. The College shall provide the infrastructure , operations and necessary man power for the effective and smooth functioning of the Incubator .
- 4. The COLLEGE will run the incubator for a minimum period of five years.
- 5. The COLLEGE will submit audited financial statements of the incubator with capital assistance of KSUM
- 6. The COLLEGE will make necessary arrangements to run the incubator in effective manner
- 7. The COLLEGE will provide space in the incubator only to startups as defined by KSUM
- 8. The COLLEGE will maintain a regular roster of startups which is accessible to KSUM for inspection at any time during the first five years of operation
- 9. The COLLEGE will arrange to register all the incubate companies at the premises in the KSUM Portal as and when they get enrolled for incubation.
- 10. The COLLEGE will ensure proper maintenance of the premises furnished by using funds from KSUM for a period of 5 years
- 11. In the event of the closure of the incubation facility before 5 years of functioning of the incubator, the COLLEGE will refund 20% of the capital cost given by the KSUM for every non completed years along with 12% annual interest accrued from the date of release of fund by KSUM up to the date of refund.

Obligation of the KSUM.

Now this MOA witnesseth as follows:

1. The Assistance Amount granted to COLLEGE shall be used solely for the purposes for which it has been granted by the *KSUM*, and for no other purpose. No additional grant will be approved for further extension of spaces or refurbishment of existing spaces there on. The amount of Rs. 10 lakhs granted

KSUM

Principal - Incubator

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under this agreement is a one time incubation support extended by the KSUM to the College.

2. The Assistance Amount shall be released as follows:

An advance of 50% of the grant amount will be given to COLLEGE on award of the work for payment of advance.

The balance 50% amount will be released in a two instalments (30% of grant as 2^{nd} and 3^{rd} instalments and 20% of the grant as final instalment) based on the performance evaluation and recommendation by the Incubator review committee.

- 3. The instalments will be released on recommendation of the Incubator Review Committee constituted by the Kerala Startup Mission after verification of the documents and site visit if found necessary
- 4. COLLEGE hereby represents and warrants that (i) COLLEGE is duly constituted in accordance with applicable laws in India; (ii) COLLEGE is authorised to execute this MOA, and to carry out any activities hereunder.
- 5. College shall not be considered for any further grants or supports from the KSUM in the even the terms of this agreement is violated by the College.
- 5. KSUM has, bases on the representation and assurance made by COLLEGE in accordance with the proposal mutually agreed upon, permitted COLLEGE to furnish the said premises.
- 6. KSUM hereby reserves the right to inspect the premises and connected and supporting documents on the furnishing work at any time it deems fit.

KSUM shall provide necessary training and guidelines to the college to run the incubator

- 7. The COLLEGE will be solely responsible for setting up and proper running of the incubator and KSUM shall provide necessary support and training for the same.
- 8. **KSUM** shall, in no way, be responsible for any grievance caused to the employees of any start-up in the incubator or anyone attached thereto, and the responsibility for the same shall be rest solely on KSUM.
- 9. This MOA shall be governed by and construed in accordance with the laws of India. Subject to the provisions of Clause 18 above, the *Courts at Thiruvananthapuram, Kerala* shall have exclusive Jurisdiction over any dispute arising in relation to this MOA.

Principal - Incubator

KSUM





- 10. Neither Party shall be liable for any failure or delay in performance of any obligation under this MOA to the extent such failure or delay is due to the occurrence of a force majeure events such as natural calamities, fire, riots, strikes, terrorism, explosion, etc. in such event, the affected Party shall immediately notify the other Party, in writing, of the nature of such cause and the expected delay.
- 11. Term of this Agreement
- This Agreement shall be valid from the effective date of this agreement and it shall continue till the full grant amount is paid by the KSUM and the College has completed the establishment of Incubator in a functioning mode or _5_____years from the date of the agreement, which ever is earlier.
 - 12. Termination

KSUM shall terminate this agreement by giving 2 months notice to the College, in the event of any violation of the agreement by the College.

13. Indemnity

The College shall indemnify KSUM against any claims/ damages from any third parties, government, arising out of the College's misrepresentation, false claims, negligence, omission or ignorance

14. Confidentiality

Any information disclosed by one Party to the other Party should be treated by the other Party as confidential information if it is marked accordingly or appears as confidential to a reasonable person ("Confidential Information").

An Authority should use any information, including Confidential Information, disclosed to it by the other Party only for the purposes for which the information was disclosed, unless consent is obtained for other uses.

If either Party is required to disclose any Confidential Information provided to it by the other party pursuant to a requirement of law, such Party should, to the extent possible, notify the other Party prior to complying with such a requirement and should assert all appropriate legal exemptions or privileges with respect to such information as may be available.

15. Intellectual Property Rights

Neither Party shall use the name, logo, emblem or trademarks of the other party, or any its subsidiaries, and/or affiliates, or any abbreviation thereof, except for as set out in this MOU, without the express prior written approval of the other Party in each case, unless otherwise provided in any supplementary agreement between the Parties.

Principal - Incubator

KSUM

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Both Parties, acknowledges that their respective logo and emblem may not be associated with any political or sectarian cause or otherwise used in a manner inconsistent with the status, reputation of respective organization.

The Parties hereby acknowledge that they are the sole and exclusive owners of their respective name, logo, emblem or trademark.IN WITNESS WHEREOF the parties have signed and delivered this Agreement on the day, month and year first above mentioned in the presence of the witnesses

John M Thomas Chief Executive Officer Kerala Startup Mission (KSUM) Trivandrum, Kerala

Witness 1

Witness 2

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Name of the Principal The Principal DEMONDER DIFFERENCE Name of the college DEMONDER SULLAMUSSALAM SCIENCE CONTRAL Address AREEKODE, UGRAPURAM (Dt.), Pin-67365

Witness 1 Muneer. C.F

Notal officer, IEDC Sullamussalam Science college

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