INSTITUTION INNOVATION COUNCIL (IIC) – AVIT

Any one social media Url Link Facebook/Twitter/Instagram/Linkedln	https://www.facebook.com/photo/?fbid=835209178732449&set=a.561293142790722		
Program Driven by IIC Calendar Activity/ MIC Driven Activity/ Celebration Activity/Self driven activity	IIC driven Activity		
Event Title	Idea Showcase: Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support.		
Resource Person	**Ms.Sreemathy Sampath** Corporate Trainer CEO & Founder – LinkSkill Academy		
Academic year	2024 - 25	Quarter	I
Program Type Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours) Level 2 – Conference / Exposure Visit / Seminar / Workshop (5 to 8 Hours) Level 3 – Bootcamp/ Competition/ Demo Day/ Exhibition / Workshop (9 to 8 Hours) Level 4 – Challenges/ Hackathon/ Tech Fest (Greater than 18 hours)	Level 4 – Presentation of Ideas /PoC challenges		
Program Theme IPR & Technology Transfer / Innovation & Design Thinking / Entrepreneurship & Startup / Pre-Incubation & Incubation Management	IPR & Technology Transfer		
Start date & End Date (DD/MM/YYYY)	28/10/2024	29/10/2024	
Duration of the activity (in Mins) & Start Time & End Time0	Duration: 660 Mins.	Start Time: 10.0 AM	End Time: 03.30 AM
Participants	Students: 48 (16 teams)	Faculty: 08	External: -
Mode of session (online / offline) * Online Video Url compulsory	Hybrid		
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr. L.Prabhu IIC Convenor, AVIT		

VINAYAKA MISSION'S RESEARCH FOUNDATION
Deemed to be University
(Declared u/s 3 of the UGC Act 1956)
Accredited by NAAC
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
Approved by AICTE

University Office :
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E-mail : admissions@vinayakamissions.com

Letter/File No. AVIT/MSME hackathon 4.0 /1 Date:22/10/2024

MSME Idea Hackathon 4.0

Constitution of Screening & Evaluation Committee

A committee comprising of the following members from different expert areas is constituted to evaluate and shortlist the potential ideas received in MSME Idea Hackathon 4.0 (as per the guidelines of MSME Innovative Scheme and guidelines for participation in MSME Idea Hackathon 4.0) organized between 11th September, 2024 – 10th October, 2024 by Ministry of MSME for further recommending on the MSME Innovative MIS Portal.

S. No.	Expert Category (Entrepreneur, Academician, Theme Expert (Industry Expert),Tech. Expert etc.) **Note: If the participant is found to be the member of evaluation committee, then the ideas stands rejected**	Name, Designation & Organization
1	Representative from Host Institute –Head Academician	**Dr.G.SelvaKumar** Principal Aarupadai Veedu Institute of Technology
2	Representative from Host Institute –BI Incharge & Academician	**Dr.L. Prabhu** Professor & Vice Principal (Admin.) BI Incharge
3	Sector Expert	**Ms.Sreemathy Sampath** Corporate Trainer CEO & Founder – LinkSkill Academy
4	Sector Expert	**Mr Aravind Hawk** Business Leader Consumer Business.
5	Sector Expert (Entrepreneur)	**Mr.M.Subramani** Properieter, Cornerstone
6	Technical Expert	**Mr.Kapil Thapa** Incubation Manager,GIEC VMCC

* Entrepreneur and Theme Expert are mandatory and should be external

(Signature and Stamp of the Head of the Institute

Dr. G. SELVAKUMAR, B.E., M.E., Ph.D.
PRINCIPAL
Aarupadai Veedu Institute of Technology
Vinayaka Mission's Research Foundation
(Deemed to be University)
Paiyanoor - 603 104, Tamil Nadu.

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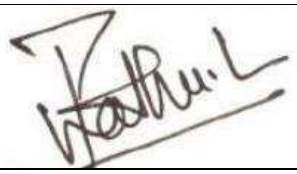
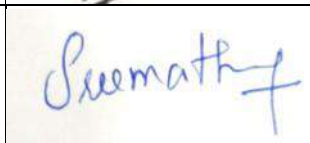
Subject: Minutes of the Meeting of AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY Screening & Evaluation Committee for shortlisting of Ideas received under MSME Idea Hackathon 4.0(18 years to 35 years)

A meeting was held during **28/10/2024 & 29/10/2024** (hybrid Mode) at **board room** with the following members constituting the Screening & Evaluation Committee at **AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY** level for shortlisting of Ideas received under MSME Idea Hackathon 4.0.

S. No.	Expert Category (Entrepreneur, Academician, Sector Expert, Tech. Expert, etc.) & Representative from Host Institute (Head, BI Incharge, etc.)	Name, Designation & Organization	Signature
1	Representative from Host Institute – Head Academician	**Dr.G.SelvaKumar** Principal Aarupadai Veedu Institute of Technology	
2	Representative from Host Institute –BI Incharge & Academician	**Dr.L. Prabhu** Professor & Vice Principal (Admin.) BI Incharge	
3	Sector Expert	**Ms.Sreemathy Sampath** Corporate Trainer CEO & Founder – LinkSkill Academy	
4	Sector Expert	**Mr Aravind Hawk** Business Leader Consumer Business.	
5	Sector Expert	**Mr.M.Subramani** Properieter, Cornerstone	
6	Technical Expert	**Mr.Kapil Thapa** Incubation Manager Ganesan Incubation and Entrepreneurship center, VMCC	

1. Summary of all ideas received at HI Level under MSME Idea Hackathon 4.0 as per the following Format.

Total Number of Ideas Received	Number of Ideas Recommended	Number of Ideas not Recommended
18	16	02

2. Details of the final recommended Ideas only at HI Level under MSME Idea Hackathon 4.0 as per the following Format.

S. No.	Reference No. of Incubatee	Incubatee name	Age of Incubatee (DOB and Overall Age)	Title of Idea	Proper Recommendation & Justification for final decision
1	INC24DBR048063	Ruth kumari das	25/01/2004 , 20 years	Health care Incubatory system	This infant incubator with wireless healthcare monitoring is recommended because it addresses critical needs in neonatal care, particularly for premature babies. By providing real-time health data to healthcare professionals, it enables faster responses to medical emergencies and reduces human error. The controlled environment of the incubator ensures the baby's safety, while the wireless monitoring system enhances efficiency and convenience. This solution aims to improve the quality of care, reduce infant mortality, and ease the burden on medical staff, making it a significant innovation in neonatal healthcare.
2	INC24DTN049471	Niveditha R	26/10/1998 , 26 years	Empowering Artisans With New-Age Technologies To Transform Traditional Trades	This integration of VR, MR, and AR into traditional trades under the PM Vishwakarma Scheme is recommended because it empowers artisans with cutting-edge technology while preserving their cultural

				And Expand Market Reach.	heritage. VR enhances precision and reduces material waste by enabling skill refinement in a virtual environment. MR supports innovation by allowing real-time prototyping, merging traditional techniques with modern tools. AR boosts global market access, offering virtual showrooms where customers can interact and customize products. This blend of technology and craftsmanship modernizes traditional trades, increases efficiency, and opens new economic opportunities for artisans.
3	INC24DTN064151	Ajith Kumar S	05/12/2003, 21 years	Shestop	The SheStop proposal is recommended because of its innovative and comprehensive approach to women's health. By offering vending machines for menstrual products, private breastfeeding rooms, and baby essentials, it provides a holistic solution that enhances convenience. Its focus on accessibility ensures that marginalized communities, often overlooked in healthcare initiatives, receive essential resources. The integration of a mobile app that offers educational content empowers women with knowledge about their reproductive health. This initiative addresses critical gaps in healthcare for women, making it a valuable and impactful solution.
4	INC24DTN065612	Kirubananthan M	05/05/2003 , 21 years	Xplore City Ai-Powered Platform For Discovering The Best	Xplore City is recommended for its unique ability to integrate AI-driven recommendations and real-time

				Adventures, Food, Entertainment, And Accommodation Offers Based On Location.	updates across multiple sectors—food, entertainment, accommodations, and adventures. Its personalized curation enhances user experience by offering tailored outings, while exclusive offers and live event updates make it a comprehensive, all-in-one platform. The convenience of accessing real-time information in one place sets it apart, allowing users to efficiently plan enjoyable and spontaneous activities. This innovation streamlines city exploration and enhances the overall experience for locals and tourists alike.
5	INC24DTN066827	Goutham PM	04/12/2002, 22 Years	Reverse Vending Machine - Plastic Recycling	The Reverse Vending Machine (RVM) is recommended for its innovative approach to reducing plastic waste. By incentivizing users with digital coupons in exchange for depositing plastic bottles and other recyclables, it encourages active participation in recycling efforts. Its placement in public spaces promotes environmental responsibility and raises awareness about proper waste disposal. The RVM is a practical solution to tackle plastic pollution while engaging the public in sustainable practices, making it an effective tool for waste management and environmental conservation.
6	INC24DTN043546	Eswar R M	09/03/2000 , 24 years	Fitamo - Motion Suite Revolutionizing Athletic Performance With Wearable Bands	We highly recommend the FitaMo - Motion Suite for the hackathon due to its innovative approach to affordable, real-time motion capture. By combining wearable IMU/IR

				And Custom Depth Cameras	sensors with AI-driven analysis, it enables immediate feedback for athletes, enhancing training effectiveness and safety. Its adaptable, lightweight design broadens accessibility to advanced motion tracking for a range of sports, making it ideal for athletes and organizations of any size. Unlike traditional systems, FitaMo's portability and ease of use offer a unique, scalable solution for performance optimization. This pioneering system stands out for its potential to democratize motion capture technology across the sports industry.
7	INC24DTN042183	Rohith K	12/06/2002 , 22 years	Vision Braille - The Multi Modal Braille Script Translator	The Multi-Modal Braille Script Translator is recommended for its transformative potential in assistive technology for visually impaired individuals. By integrating a customized Braille keyboard with a camera, it enables real-time translation between Braille, text, and speech, making communication more accessible and versatile. This multi-modal approach empowers users to engage seamlessly with both digital and physical text, facilitating independence in communication. Its innovative design bridges the gap between traditional and digital mediums, ensuring inclusivity and ease of use. This system promises significant impact in accessibility, benefiting users across various contexts.
8	INC24DTN059837	Rohit J	8/11/1990 , 34 Years	Innovation Based Vishwakarma Skill	This idea is highly innovative as it combines experiential learning

				Development & Education Platform By Nano Mech Labs	for students with employment opportunities and for literate women in rural areas. By training students in trades of their choice and presenting them with real problem statements from their own community, it fosters practical learning and social responsibility. The shared local context among students, trainers, and community members enhances understanding and encourages solutions that are truly feasible and impactful. This approach not only builds relevant skills in youth but also empowers women economically, creating a sustainable cycle of community-driven development and education.
9	INC24DTN040038	S SONA	30/04/2000, 24 years	Eco-Nanoguard - Ecofriendly Organic Coating Developed With Sustainably Sourced Nano Plastics And Bio-Derived Nanomaterials	This idea stands out for its sustainable and innovative approach to creating protective coatings from eco-friendly nanomaterials. By repurposing agricultural biomass like sugarcane bagasse, invasive plants such as Prosopis juliflora, and waste plastics, it addresses both waste management and pollution reduction. Utilizing these materials not only minimizes agricultural waste but also supports resource recovery, fostering a circular economy. The proposed coatings offer a high-performance, environmentally friendly alternative to traditional options, significantly reducing ecological impact. This approach is commendable for

					its potential to advance sustainable materials innovation and environmental responsibility. .
10	INC24DTN056668	Jai Surya S	28/08/2004, 20 years	Automated Diagnosis Of Cancer Based On Texture Features And Deep Learning Techniques	T This idea is recommended for its potential to revolutionize cancer diagnostics by enhancing accuracy, speed, and consistency. By leveraging deep learning techniques alongside texture-based analysis, it minimizes the limitations of manual interpretation, reducing subjectivity and human error. The integration of Convolutional Neural Networks (CNNs) allows for detailed, automated analysis of complex medical images, facilitating early cancer detection and improving patient outcomes. Additionally, its ability to deliver rapid and reliable results supports healthcare professionals in making timely decisions. This innovation holds significant promise for advancing precision in diagnostics, marking a critical step forward in medical technology.
11	INC24DTN056089	P Veeramuneeswaran	30/03/2001, 23 years	Smart Waste Management Integrating AI and IoT for Efficient Urban / Industry Solutions	The Smart Waste Management System is highly recommended for its comprehensive, automated approach to tackling waste disposal challenges. By employing image processing for accurate waste segregation, it enhances disposal efficiency while reducing human error. Its built-in crushing and compression mechanisms minimize waste volume,

					supporting composting efforts and alleviating landfill stress. The addition of real-time IoT monitoring enables timely waste collection, cutting down on manual labor and boosting urban sanitation. This system aligns with smart city initiatives, optimizing resource management and promoting sustainability. Its scalable design makes it well-suited to address the evolving demands of modern waste management.
12	INC24DTN065049	Sridevi Balaji BJ	27/08/2006, 18 years	e-Akshaya- a bond for destitute shelters and charities	The **e-Akshaya** business model is highly recommended for its impactful approach to reducing food waste while supporting local orphanages. By connecting orphanages with nearby charities, hotels, and event venues through a mobile app, it ensures that surplus food reaches those in need. The integration of machine learning algorithms, like linear regression or support vector machines, enables efficient matching of food donations with recipients based on timing and location. With locality mapping, the app quickly identifies the nearest food sources, ensuring timely delivery. This model not only minimizes food waste but also strengthens community support for vulnerable populations, making it a sustainable and socially responsible solution.
13	INC24DBR046059	MD AMEER HAMIA	10/03/2002 , 22 years	Body Detection in Collapsed Structure Search and Rescue (CSSR)	This project is highly recommended for its potential to revolutionize CSSR (Collapsed Structure Search and Rescue)

				Using Drones and Sensors Technologies	operations by enhancing the precision and speed of locating deceased bodies in challenging environments. Traditional methods have limitations, particularly in inaccessible areas; however, the proposed solution leverages advanced technologies like ground-penetrating radar (GPR) and thermal imaging, improving detection accuracy under debris. The use of drones with GPR and thermal cameras enables rapid scanning of large areas and provides safe access to hazardous zones, reducing risks for rescuers. Additionally, integrating AI and machine learning allows for efficient data analysis, helping differentiate human remains from other materials. This innovative approach promises to improve rescue operations, making it invaluable in emergency response.
14	INC24DBR051945	ATIQUR RAHMAN	13/02/2001, 23 years	The Future of Education with XR	The uniqueness of the Smart Education platform lies in its integration of Augmented Reality (AR) and Virtual Reality (VR) also called Extended Reality (XR) technologies, transforming traditional education into an immersive and interactive experience. This platform addresses unsolvable challenges which are facing by the students in terms of understanding the concepts. By providing AR-enhanced textbooks with 3D models, virtual classrooms for real-time interactions, and virtual labs for practical experimentation, these challenges will be solved. AI-driven customization

					tailors' content to individual learning paths, ensuring personalized education. Real-time analytics and immediate feedback help educators track student progress and adjust learning strategies, enhancing student outcomes.
15	INC24DTN045141	THEN KUMAR D	22/03/2004 , 20 years	Advanced Deep Learning based Design and Fabrication of Exoskeleton for Paralytic Patients	This idea is shortlisted as it is intended to design, fabricate and test a wearable exoskeleton robot which will help paralytic patient's to walk without others help. The uniqueness of the exoskeleton is, It monitors the gait movements and arm movements of the paralytic patients adjust itself according to the need of the patient. Newness is it can communicate with the doctors and the patient's aid for any emergency. It fixed with blood pressure monitor, heart beat monitor to check the patient's heart. A sweat based sensor to check the sugar level of the patient. The exoskeleton is also provided with kinetic sensors such as gyroscopes, tilt sensors, inertial sensors and accelerometers provide necessary feedback to help an exoskeleton stay balanced and on course
16	INC24DN052913	M Nambi Krishnan	26/09/2005 , 19 Years	AE BIN(ARTIFICIALLY ENHANCED BIN)	This project is a solution, which aims at transforming and organizing waste management with the addition of AI for smarter automation which makes it very reliable. The app we design will provide the public and the teams handling waste management with the real-time information regarding the filled levels garbage in the

					nearby garbage bins. The application has an AI-powered chat helpline where users can report any issues or queries regarding the status of bins or collection schedules or any other issues.

Note : 1. If the participant or mentor is found to be the member of evaluation committee, then the ideas stands rejected.

2. Only recommended ideas to be uploaded on the MIS Portal. HIs that do not follow this format / instructions during evaluation may lead to delisting of HI from the approved list.

Signature of Head of the Institute& Stamp

Dr. G. SELVAKUMAR, B.E., M.E., Ph.D.
PRINCIPAL
Aarupadai Veedu Institute of Technology
Vinayaka Mission's Research Foundation
(Deemed to be University)
Paiyanoor - 603 104, Tamil Nadu.

Signature of Convener& stamp

AARUPADAIVEEDU INSTITUTE OF TECHNOLOGY
Paiyanoor-603104.

MSME HACKATHON 4.0 - ONLINE INTERNAL SCREENING -AVIT

External Join 10 ...

29 October 2024 09:39 - 15:31

Dow

30	09:39 - 15:31	5h 52m 13s	1h 9m 17s
Attended	Start and end time	Meeting duration	Average attendance time

Participants

Name	First join	Last leave	In-meeting duration	Role
PRABHU L prabhu@avit.ac.in	09:39	15:23	5h 12m 31s	Organizer
KK Kishore K (Unverified)	09:46	12:16	2h 14m 32s	Presenter
D Dr.S.Balakrishnan (Unverified)	10:00	13:00	3h 16s	Presenter
Niveditha R (Unverified)				

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MINISTRY OF EDUCATION

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- Frontier Technology in MSME
- Export Enhancement and Indigenisation
- Sustainable Development

Eligibility
Age 18-35 years only

Should be born between 11th September, 1989 and 11th September, 2006

Register Here

https://my.msme.gov.in/inc/Hackathon_Reg.aspx

Date of Submission : 11th September to 26th September 2024

Host Institute Choose as:

Aarupadai Veedu Institute of Technology

For more information: pd.ipic@avit.ac.in 98400 39252

(Ideas are invited from Student innovators and Young owned MSMEs across india)

Rajiv Gandhi Salai, Vinayaka Nagar, Paiyanur, Tamil Nadu 603104


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AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

MSME HACKTHON 4.0 – INTERNAL SCREENING SCHEDULE

S.No.	Reference No.	Name	Category of the Incubatee	Mode of review	Date & Time
1	INC24DTN049471	Niveditha R	Other	ONLINE	29/10/2024 , 10:00 am
2	INC24DTN052913	M.Nambi krishnan	Student	ONLINE	29/10/2024 , 11:00 am
3	INC24DTN064151	Ajith Kumar S	Student	ONLINE	29/10/2024 , 12:00 9m
4	INC24DTN065612	Kirubanantham M	Student	ONLINE	29/10/2024 , 1:30 pm
5	INC24DTN066827	Goutham Pm	Student	ONLINE	29/10/2024 , 2:15 am
6	INC24DTN043546	Eswar R M	Other	ONLINE	29/10/2024 , 11:15 am

S.No.	Reference No.	Name	Category of the Incubatee	Mode of review	Date & Time
7	INC24DBR046059	MD AMEER HAMIA	Student	OFFLINE	28/10/2024 , 10:00 am
8	INC24DTN040038	S.Sona	Other	offline	28/10/2024 , 10:45 am
9	INC24DBR051945	ATIQUR RAHMAN	Student	offline	28/10/2024 , 11:30 am
10	INC24DTN059761	Rohit J	Other	offline	28/10/2024 , 12:15 pm
11	INC24DBR043953	Ruth kumari das	Student	OFFLINE	28/10/2024 , 12:40 pm
12	INC24DTN045141	THEN KUMAR D	Student	OFFLINE	28/10/2024 , 1:30pm
13	INC24DTN042183	ROHITH K	Student	OFFLINE	28/10/2024 , 2:15 pm
14	INC24DTN056668	JAI SURYA S	Student	Offline	28/10/2024 , 2:45 pm
15	INC24DTN065049	Sridevi Balaji BJ	Student	OFFLINE	28/10/2024 , 3:15 pm
16	INC24DTN056089	P Veeramuneeswaran	Student	Offline	28/10/2024 , 3:45 pm

Link for online Screening : https://tinyurl.com/rsbc8j93

Venue for Offline Screening : AVIT Board Room